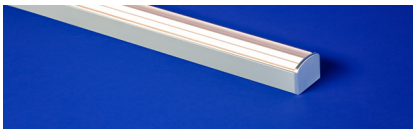
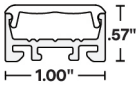
OPTI-OPTICS (02) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

c UL us LISTED | NEC 410.2 & 410.16 Closet Rated up to 4.0W/ft | RoHS COMPLIANT | 1-BIN 1-STEP SW/SW-HE ONLY | 5 YEAR WARRANTY | BAA BABA SW, SW-HE ONLY | EPD ENVIRONMENTAL PRODUCT DECLARATION | Red List Approved Declare.





- Choose from 9 lens options: 40°, 60°, 70°, 90°, 110°, 155°, 180°, Asymmetric, & Forward Throw
- Delivers smooth and consistent light to highlight architectural features and surfaces
- Ideal for surface-mounted or recessed installations
- Integrated metal end caps combined with an extruded aluminum housing give this fixture a polished modern look
- Suitable for installation in the storage area of a clothes closet when specified at 4.0 watts or less per foot per NEC regulations

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

1 PRODUCT	2 WATTS/ FT	3 CCT	4 RATED	5 LENS

ADDITIONAL INFORMATION REQUIRED TO ORDER

6 WIRE INPUT/ OUTPUT	7 CONNECTOR/ WIRE IN	8 CONNECTOR/ WIRE OUT	9 WIRE COLOR	10 WIRE TYPE	11 MOUNTING	12 FINISH	13 LENGTH (IN)	14 EXACT/ OPTIMAL

Sample Part Number: **OP2SW-5.0-30-DRY-155D-P1-CON6-CON6-WH-CL2-CC-WH-48"-E**

1 PRODUCT

OP2SW
OP2SW-USA

Select USA option for BAA and BABA projects. SW and SW-HE only. Only DRY ratings apply

See following pages for compatible power supplies.

2 WATTS/FT

1.5	1.5W/ft
3.0	3.0W/ft
4.0	4.0W/ft
5.0	5.0W/ft
1.5HE	1.5W/ft HE
3.0HE	3.0W/ft HE
6.0HE	6.0W/ft HE
9.0HE	9.0W/ft HE

3.0HE+	3.0W/ft HE+
6.0HE+	6.0W/ft HE+

1.5	1.5W/ft
3.0	3.0W/ft
4.0	4.0W/ft
5.0	5.0W/ft
1.5HE	1.5W/ft HE
3.0HE	3.0W/ft HE
6.0HE	6.0W/ft HE

3 CCT

18	1800K
20	2000K
22	2200K
24	2400K
27	2700K
30	3000K
35	3500K
40	4000K

27	2700K
30	3000K
35	3500K
40	4000K

18	1800K
20	2000K
22	2200K
24	2400K
27	2700K
30	3000K
35	3500K
40	4000K

4 RATED

DRY	IP20
DMP	IP54

5 LENS

40D	Optical 40°
60D	Optical 60°
70D	Optical 70°
90D	Optical 90°
110D	Optical 110°
155D	Optical 155°
180D	Optical 180°

ASYM	Asymmetric
FT	Forward Throw

40D, 60D, 70D, 90D, 110D, 155D, 180D, and ASYM are offered in 44.9" lengths.
For representation of LED visibility, see Diode Visibility section on following pages.
For beam angles, see Photometric Performance section on following pages

6 WIRE INPUT/OUTPUT

SINGLE (Input only)	
S1	End Feed
S2	Bottom Feed

PASS THROUGH (Input/Output)	
P1	End Feed
P2	Bottom Feed

SINGLE (Input only)	
S1A	End Feed
S1B	End Feed
S2A	Bottom Feed
S2B	Bottom Feed

PASS THROUGH (Input/Output)	
P1A	End Feed
P1B	End Feed
P2A	Bottom Feed
P2B	Bottom Feed

For continuous mounting, consider bottom feed.

7 CONNECTOR/WIRE IN

BW	Bare Wire (Standard 36")
CON6	Connector 6"
CON24	Connector 24"

BW	Bare Wire (Standard 36")
CON6	Connector 6"
CON24	Connector 24"

BW	Bare Wire (Standard 36")
CON6	Connector 6"
CON24	Connector 24"

BW	Bare Wire (Standard 36")
CON6	Connector 6"
CON24	Connector 24"

BW: Standard length is 36", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

8 CONNECTOR/WIRE OUT

CLS	Closed End (No feed)

BW	Bare Wire (Standard 36")
CON6	Connector 6"
CON24	Connector 24"

CLS	Closed End (No feed)

BW	Bare Wire (Standard 36")
CON6	Connector 6"
CON24	Connector 24"

BW: Standard length is 36", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

9 WIRE COLOR

WH	White
BK	Black

10 WIRE TYPE

CL2	Class 2
CL2P	Plenum Rated

CL2P only available with bare wire leads (BW)

11 MOUNTING

CC	Concealed Clip
MG	Magnet

12 FINISH

ST	Satin
BK	Black
WH	White
CU	Custom

Custom finishes have longer lead times. Non-RAL 9003 whites custom.

13 LENGTH (IN)

Minimum length is 12", maximum length is 98.43" not including end caps. Contact us for lengths under 12".

14 EXACT/OPTIMAL

O	Optimal Illumination
E	Exact Specified Length

Exact fixtures are the exact length specified +0 -1/8". Optimal fixtures' length is rounded down with illumination end to end. See Exact/Optimal Fixture Length charts.

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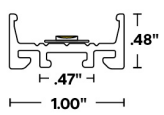
Specification subject to change. Rev-10-23-26

5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance

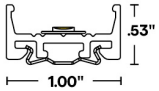
OPTI-OPTICS (02) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

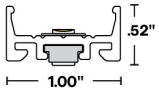
1 PRODUCT - DIMENSIONS



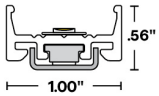
Profile



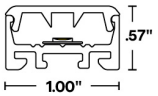
Profile with concealed clip



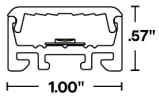
Profile with magnet clip



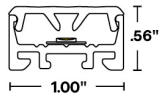
Profile with magnet mount clip and magnet mount accessory



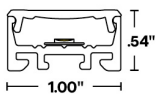
Profile with 40D lens



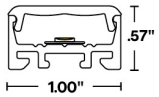
Profile with 60D lens



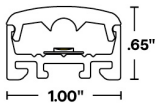
Profile with 70D lens



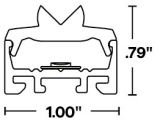
Profile with 90D lens



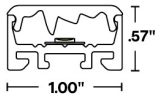
Profile with 110D lens



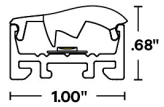
Profile with 155D lens



Profile with 180D lens



Profile with asymmetric lens



Profile with forward throw lens

2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs, L70 = 66000 for HE, L70 = 55000 for HE+]
Tested with OP2SW-**-30-DRY

	1.5 W/FT		1.5HE W/FT		3.0 W/FT		3.0HE W/FT		3.0HE+ W/FT		4.0 W/FT		5.0 W/FT		6.0HE W/FT		6.0HE+ W/FT		9.0HE W/FT	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
40D	156	98	179	98	281	98	338	98	561	92	331	98	415	98	692	98	764	92	906	98
60D	142	98	173	98	255	98	320	98	543	92	315	98	389	98	667	98	740	92	858	98
70D	149	98	175	98	262	98	333	98	528	92	321	98	402	98	682	98	733	92	888	98
90D	146	98	172	98	261	98	331	98	546	92	321	98	394	98	672	98	745	92	872	98
110D	142	98	161	98	249	98	306	98	534	92	308	98	372	98	603	98	730	92	835	98
155D	140	98	161	98	250	98	307	98	539	92	307	98	375	98	590	98	726	92	838	98
180D	143	98	167	98	251	98	307	98	537	92	310	98	378	98	607	98	733	92	844	98
ASYM	143	98	169	98	253	98	317	98	538	92	311	98	401	98	655	98	739	92	866	98
FT	122	98	154	98	225	98	305	98	419	92	270	98	331	98	576	98	664	92	820	98

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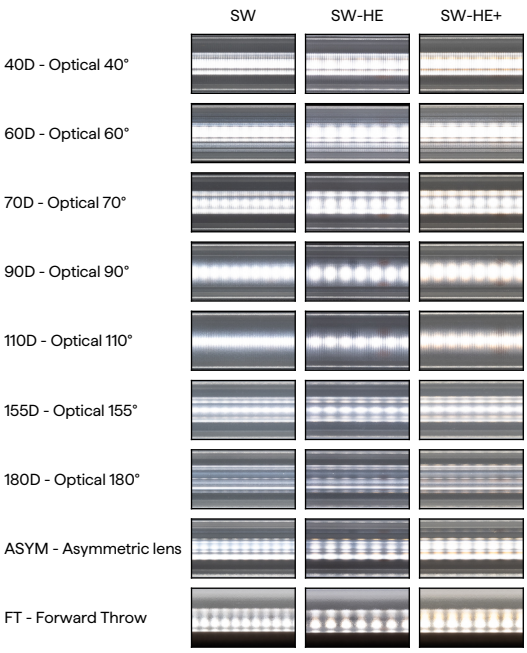
OPTI-OPTICS (02) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

TEMPERATURE RATINGS

		1.5 W/FT		1.5 W/FT HE		3.0 W/FT		3.0 W/FT HE		3/0 W/FT HE+		4.0 W/FT		5.0 W/FT		6.0 W/FT HE		6.0 W/FT HE+		9.0 HE	
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	140°F	-4°F	145°F	-4°F	135°F	-4°F	135°F	-13°F	135°F	-4°F	130°F	-4°F	125°F	-4°F	125°F	-13°F	125°F	-4°F	105°F
DMP	Ambient Operating Temp - Surface	-4°F	140°F	-4°F	145°F	-4°F	135°F	-4°F	135°F	—	—	-4°F	130°F	-4°F	125°F	-4°F	125°F	—	—	—	—

5 DIODE VISIBILITY



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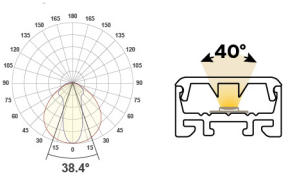
OPTI-OPTICS (02) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

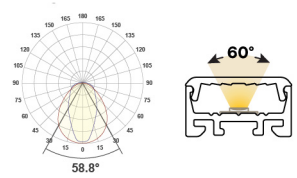
PHOTOMETRIC PERFORMANCE

Nominal beam spread shown, beam spread varies based on light engine. For more detailed information, see photometric data.

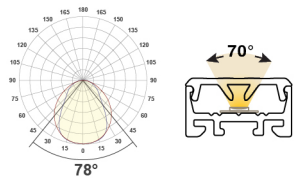
5W/ft Optical 40˚



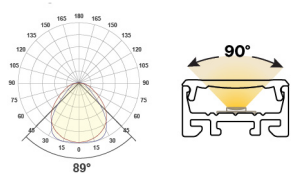
5W/ft Optical 60˚



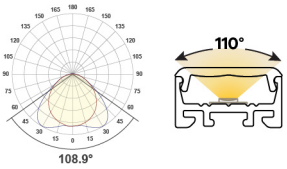
5W/ft Optical 70˚



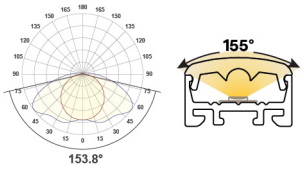
5W/ft Optical 90˚



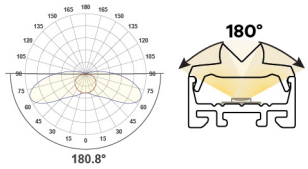
5W/ft Optical 110˚



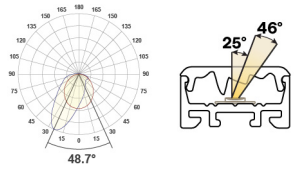
5W/ft Optical 155˚



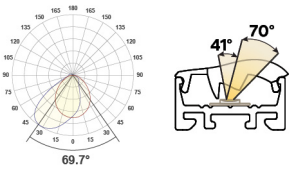
5W/ft Optical 180˚



5W/ft Asymmetric

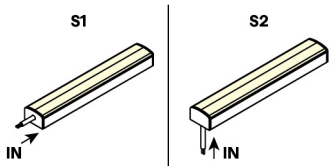


5W/ft Forward Throw

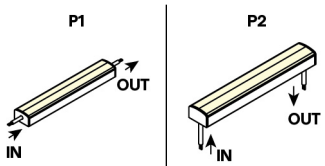


6 WIRE INPUT/OUTPUT

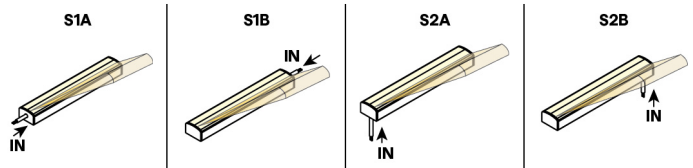
SINGLE (Input only)



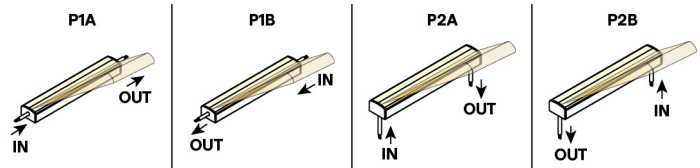
PASS THROUGH (Input/Output)



ASYMMETRIC ONLY SINGLE (Input only)



ASYMMETRIC ONLY PASS THROUGH (Input/Output)

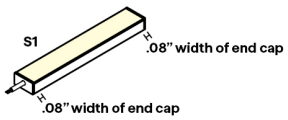


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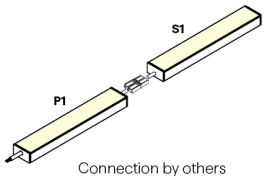
OPTI-OPTICS (02) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

CONFIGURATION OPTIONS

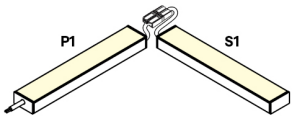


Single End Feed



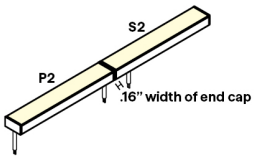
Connection by others

Non-Continuous End Feed

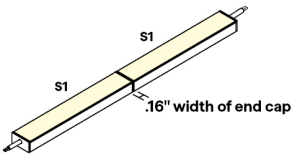


Connection by others

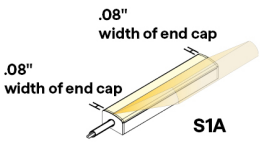
Non-Continuous Corner Feed



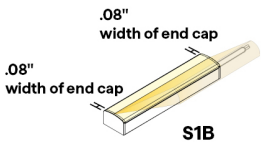
Continuous Bottom Feed



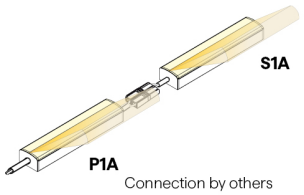
Single End Feed



Single End Feed

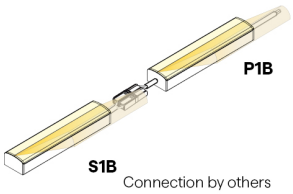


Single End Feed



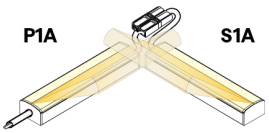
Connection by others

Non-Continuous End Feed



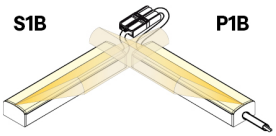
Connection by others

Non-Continuous End Feed



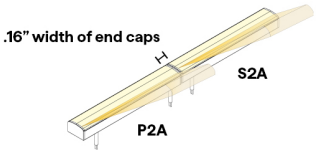
Connection by others

Non-Continuous Corner Feed

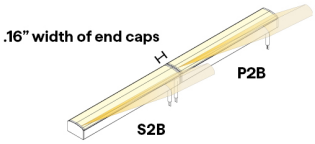


Connection by others

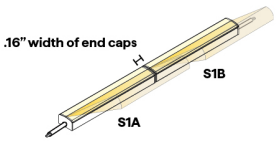
Non-Continuous Corner Feed



Continuous Bottom Feed

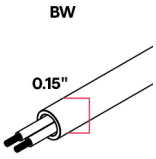


Continuous Bottom Feed



Single End Feed

7/8 CONNECTOR/WIRE – IN/OUT

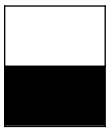


Bare Wire 36"
22 AWG



6" or 24" Overall
Wire Connector | 22 AWG
IP67 Rated, UL Listed

9 WIRE COLOR



White

Black

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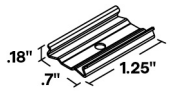
Specification subject to change. Rev-10-23-26

OPTI-OPTICS (02) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

11 MOUNTING

CC
(CC-01)



Concealed Clip

2 pieces of hardware provided for 4' or less; 4 pieces of hardware provided for greater than 4'

To order separately use CC-01 (sold in pairs)

Each clips comes with a #4 x 5/8" Flat Head screw.

MG

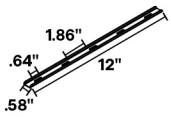


Magnet Clip

One MG provided per foot

To order separately use MG-02

MMA-02



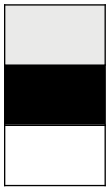
Magnet Mount
Accessory for MG-02

Sold separately, to order use MMA-02

Each bracket comes with 2 #6 x 5/8" Flat Head SS

Required when mounting to a non-magnetic surface

12 FINISH



Satin

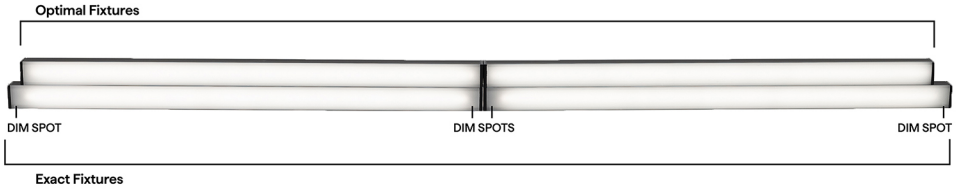
Black

White

Custom finishes have longer lead times. Non-RAL 9003 whites custom.

14 EXACT/OPTIMAL FIXTURE LENGTH

Exact fixtures are the exact length specified +0 -1/8". Optimal fixtures' length is rounded down based on LED cut points to allow the fixture to be illuminated end to end. For runs with multiple fixtures that need to fill a specific length, it's recommended to order all optimal fixtures with an exact fixture at the end of the run.



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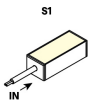
OPTI-OPTICS (02) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

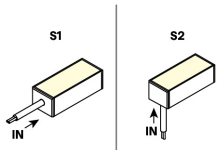
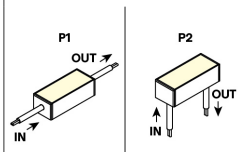
SW DRY DMP LENGTHS BY INCH

Available in any length in between 12" and 98.43" not including end caps, chart below shows example lengths. Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is +0 – 1/8". Consult factory for lengths under 12".

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture 
12"	0.5"
13"	0.5"
14"	0.5"
15"	0.5"
16"	0.5"
17"	0.5"
18"	0.5"
19"	0.5"
20"	0.5"
21"	0.5"
22"	0.5"
23"	0.5"
24"	0.5"
36"	0.5"
48"	0.5"
60"	0.5"
72"	0.5"
84"	0.5"
96"	0.5"

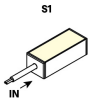
OPTIMAL LENGTH

Requested Nominal Length	S1 & S1A/B & S2 & S2A/B 	P1 & P1A/B & P2 & P2A/B 
12"	11.41"	11.66"
13"	12.41"	12.66"
14"	13.41"	13.66"
15"	14.41"	14.66"
16"	15.41"	15.66"
17"	16.41"	16.66"
18"	17.41"	17.66"
19"	18.41"	18.66"
20"	19.41"	19.66"
21"	20.41"	20.66"
22"	21.41"	21.66"
23"	22.41"	22.66"
24"	23.41"	23.66"
36"	35.41"	35.66"
48"	47.41"	47.66"
60"	59.41"	59.66"
72"	71.41"	71.66"
84"	83.41"	83.66"
96"	95.41"	95.66"

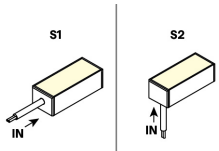
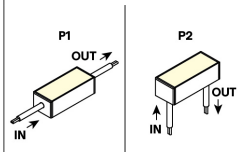
SW-HE, SW-HE+ DRY DMP LENGTHS BY INCH

Available in any length in between 12" and 98.43" not including end caps, chart below shows example lengths. Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is +0 – 1/8". Consult factory for lengths under 12".

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture 
12"	1"
13"	0.5"
14"	1"
15"	0.5"
16"	1"
17"	0.5"
18"	1"
19"	0.5"
20"	1"
21"	0.5"
22"	1"
23"	0.5"
24"	1"
36"	1"
48"	1"
60"	1"
72"	1"
84"	1"
96"	1"

OPTIMAL LENGTH

Requested Nominal Length	S1 & S1A/B & S2 & S2A/B 	P1 & P1A/B & P2 & P2A/B 
12"	10.41"	10.66"
13"	12.41"	12.66"
14"	12.41"	12.66"
15"	14.41"	14.66"
16"	14.41"	14.66"
17"	16.41"	16.66"
18"	16.41"	16.66"
19"	18.41"	18.66"
20"	18.41"	18.66"
21"	20.41"	20.66"
22"	20.41"	20.66"
23"	22.41"	22.66"
24"	22.41"	22.66"
36"	34.41"	34.66"
48"	46.41"	46.66"
60"	58.41"	58.66"
72"	70.41"	70.66"
84"	82.41"	82.66"
96"	94.41"	94.66"

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OPTI-OPTICS (02) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

DIM TO LEVEL	INDOOR	
	SW24/1.5-4.0	SW24/5.0, SW-HE, SW-HE+
Dim to Black	Q6M-DC+CAP QTM-DC+CAP iQ-PH+QD1	Q6M-DC+CAP QTM-DC+CAP iQ-PH+QD1
0.1%	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-BOWTIE+DIMMER QZ-DMX QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-BOWTIE+DIMMER QZ-DMX QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP
1%	Q-DIM QTM-eLED(E) QZ-DALI-DT6	Q-DIM QTM-eLED(E) QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle	Non-Dim Power Supply with SW App Dongle

DIMMING PROTOCOL	INDOOR	
	SW24/1.5-4.0	SW24/5.0, SW-HE, SW-HE+
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1
0-10V	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP
Lutron Athena	QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6-AWN	QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6-AWN
ECO System	QTM-eLED(E)	QTM-eLED(E)
DMX	QZ-DMX	QZ-DMX
DALI-2: DT6	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle	Non-Dim Power Supply with SW App Dongle

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OPTI-OPTICS (02) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

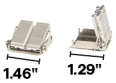
COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-M



Adjustable mounting bracket - Medium

HINGE - HMB-L



Adjustable mounting bracket - Large

HINGE - HMB-XL



Adjustable mounting bracket - XLarge

Q-PIVOT



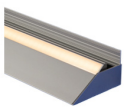
Small mounting accessory

Q-ANGLE



Adjustable mounting accessory

QUOVA-STANDARD



QUOVA Knife Edge

NJ-LARGE



J Mounting Bracket

NU-LARGE



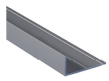
U Mounting Bracket

SD-J-LARGE



J Mounting Bracket

BL-LARGE



Backwards L Mounting Bracket

NL-LARGE



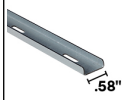
L Mounting Bracket

SD-L-LARGE



L Mounting Bracket

MMA-02



Magnet Mount Accessory of MG-02

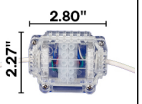
COMPATIBLE WIRING ACCESSORIES

Q-mini-J



UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)

Q-mini-J5



UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)

CON120-EXT



10ft Con cable extender DRY/DMP/WET

CON FOUR-FER



Splits lead from one to four LED Con connectors DRY/DMP/WET

CON M - BARREL F



Male con to barrel cable adaptor DRY/DMP

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

NFC APP

Q-NFC

Read and write DMX addresses and adjust voltage

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Specification subject to change. Rev-10-23-26

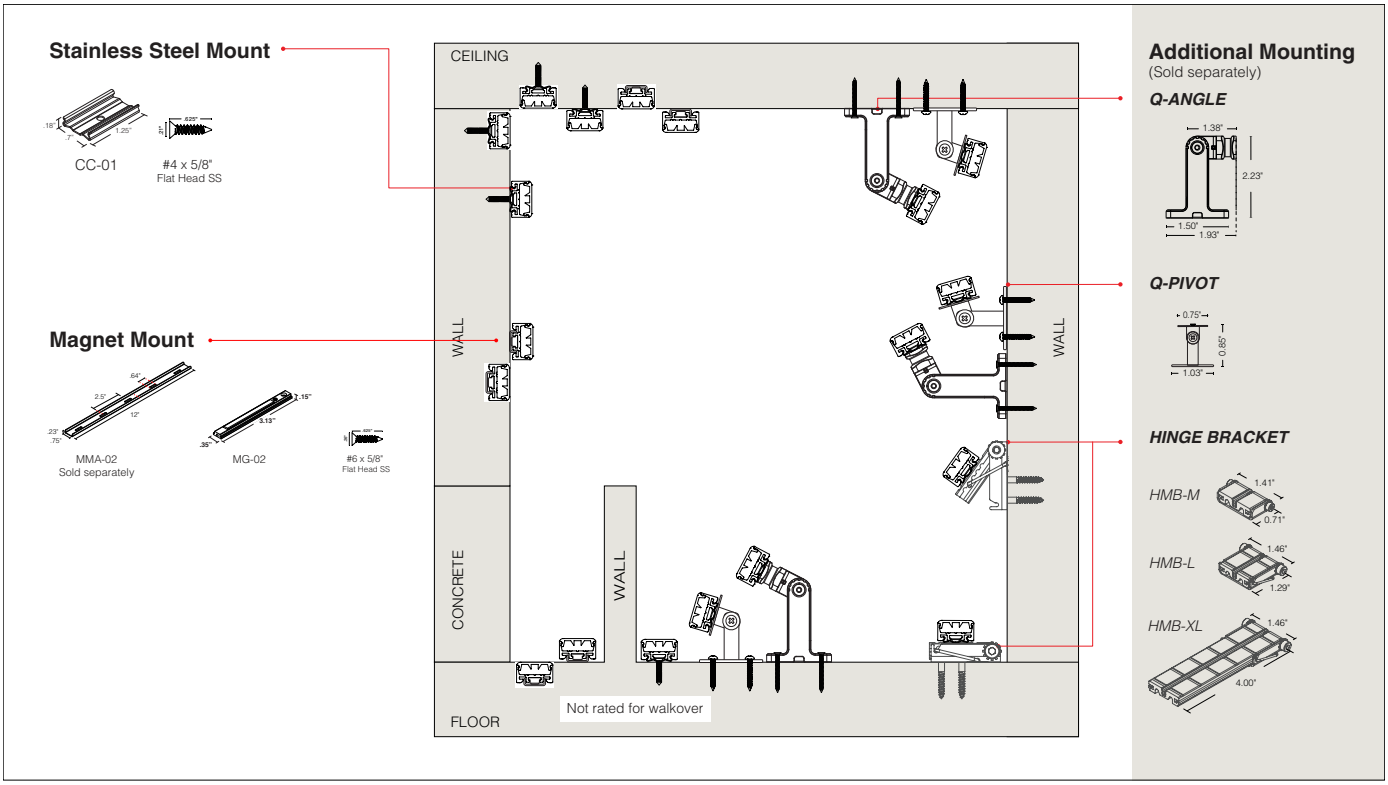
OPTI

Linear Fixture Installation Instructions

ATTENTION: Please read all instructions BEFORE installation

- Product to be installed by a licensed electrician - Field modifications void warranty
- Use only with Class 2 power supply unit — Warranty only valid with QTL power supplies
- Surface mount or recessed in millwork
- Suitable for installation in storage area of a clothes closet when assembled as a finished fixture up to 4W/ft at QTL facility
- Not rated for walkover
- Input Voltage: 24VDC
- Diagrams for representation only and not to scale.

METHODS OF INSTALLATION:



Surface Mounting Method

- Screw Mount (page 4)
- Magnet Mount (page 5)

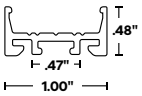
Recessed Mounting Method

- Screw Mount : Millwork (page 6)
- Magnet Mount : Millwork (page 7)

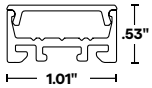
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OPTI

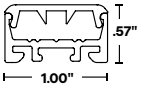
Linear Fixture Installation Instructions



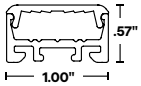
OPTI Profile



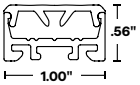
FLAT Lens



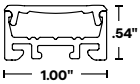
40D Lens



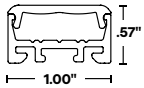
60D Lens



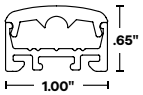
70D Lens



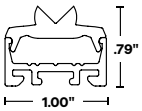
90D Lens



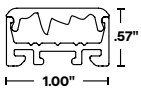
110D Lens



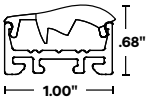
155D Lens



180D Lens



Asymetric Lens

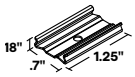


Foward throw Lens

COMPONENTS & HARDWARE

Alternate screw lengths can be used in installation as long as the screw diameter size is consistent with the included screw diameter size

CONCEALED CLIP



CC-01

Included	
	Flat Head Screw #4x5/8"

- 2 clips provided for 4' or less; 4 clips provided for greater than 4'

MAGNET CLIP



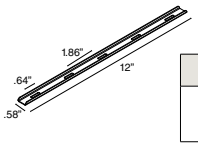
MG-02

Included	
	Flat Head Screw #6x5/8"

- One magnet clip per foot

ACCESSORIES SOLD SEPARATELY

MAGNET MOUNT ACCESSORY; sold individually



MMA-02

Included
Flat Head Screw #6x5/8"

- MMA-02 comes in 12" pieces; use at least one clip per MMA-02 accessory
- MMA-02 can be cut into smaller pieces, if desired

HINGE BRACKET; sold individually

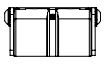
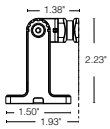


Image shows HMB-M

HMB-M
HMB-L
HMB-XL

Included
• 3/4" long mount screw • 1/4" #4 clip mount screw

Q-ANGLE; sold in pairs



Q-ANGLE

Included
• 3/4" long mount screw • 1/4" #4 clip mount screw

Q-PIVOT; sold in pairs



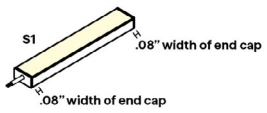
Q-PIVOT

Included
• SS #4-40x3/16 Flat head screw • 2 #4x3/4 Pan head screws

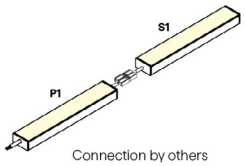
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CONFIGURATION OPTIONS

OPTI FLAT

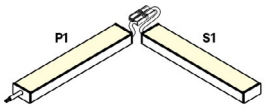


Single End Feed



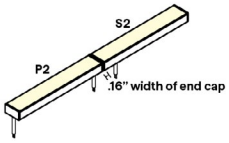
Connection by others

Non-Continuous End Feed

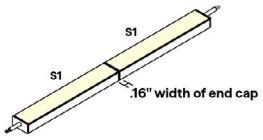


Connection by others

Non-Continuous Corner Feed

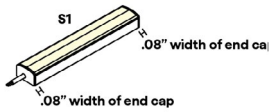


Continuous Bottom Feed

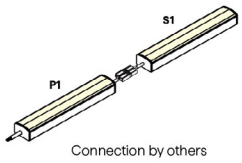


Single End Feed

OPTI OPTICS

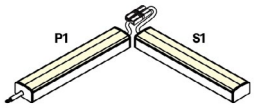


Single End Feed



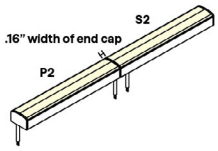
Connection by others

Non-Continuous End Feed

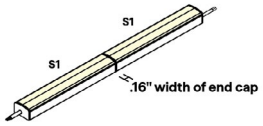


Connection by others

Non-Continuous Corner Feed



Continuous Bottom Feed



Single End Feed

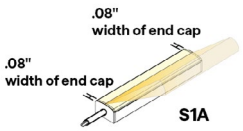
Review wire method to ensure clean installation prior to mounting extrusion.

NOTE: Additional wire methods include:
S1, S2, : Connector/Wire Input only
P1, P2 : Connector/Wire Input and Output

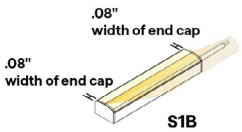
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CONFIGURATION OPTIONS CONTINUED

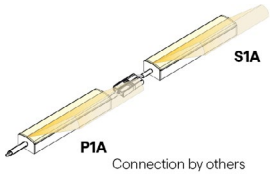
OPTI ASYMMETRIC/ FORWARD THROW



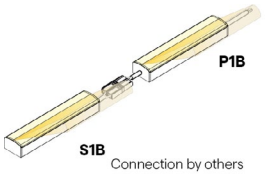
Single End Feed



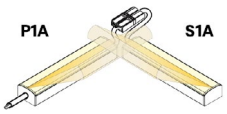
Single End Feed



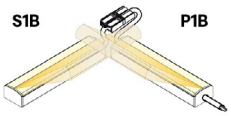
Connection by others
Non-Continuous End Feed



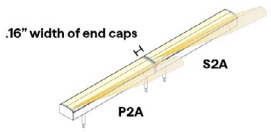
Connection by others
Non-Continuous End Feed



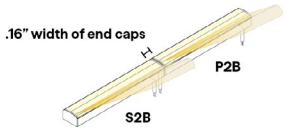
Connection by others
Non-Continuous Corner Feed



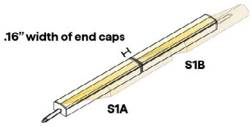
Connection by others
Non-Continuous Corner Feed



Continuous Bottom Feed



Continuous Bottom Feed



Single End Feed

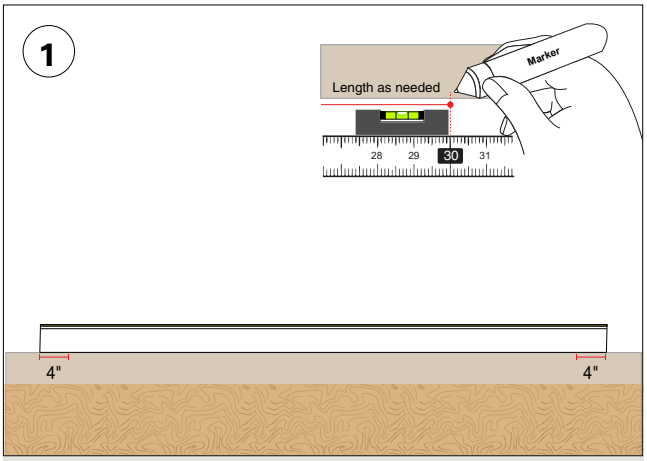
Review wire method to ensure clean installation prior to mounting extrusion.

NOTE: Additional wire methods include:
S1A, S1B, S2A, S2B : Connector/Wire Input only
P1A, P1B P2A, P2B : Connector/Wire Input and Output

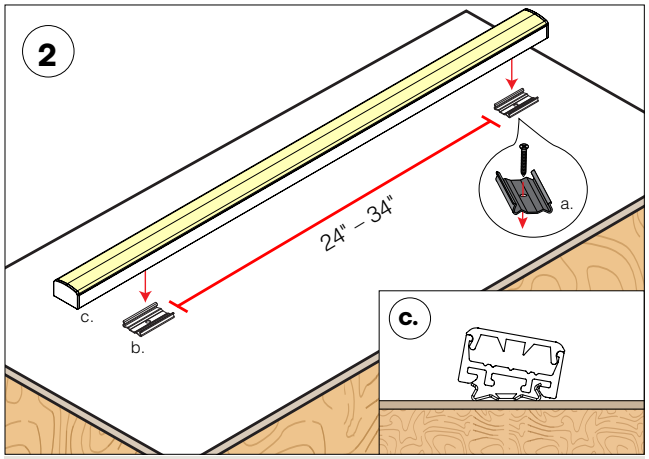
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SURFACE MOUNTING METHOD: **SCREW MOUNT**

- 2 clips provided for 4' or less; 4 clips provided for greater than 4'



Determine the OPTI fixture(s) location and positioning on desired surface; evenly distribute clips. Make any necessary reference markings to indicate where each clip is to be secured in place. Recommended every 24" - 30".

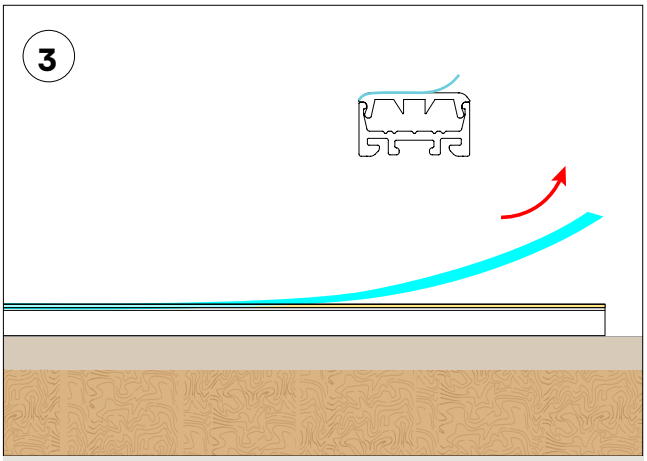


a. Secure clips using the #4 flat head hardware provided. The first and last clip should be placed 4" inward from each end of the fixture.

b. Ensure the screw head is flush with the clip's base.

c. Snap fixture onto clips. Make a secure connection with the clip by tilting and snapping on

NOTE: Flat head screw type is dependent on surface/application material. Alternative flat head screws may be required. Refer to the surface material manufacturer for suggested screw type.

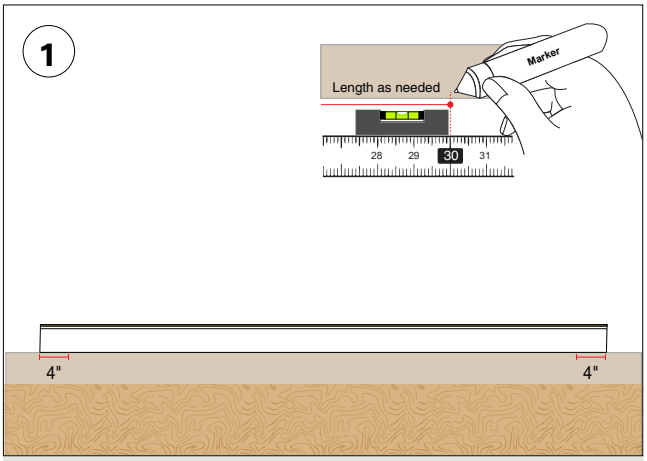


Remove protective film from the surface of the fixture's lens.

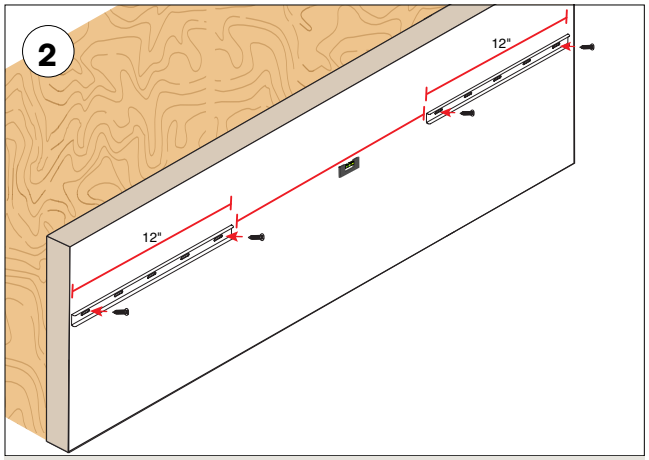
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SURFACE MOUNTING METHOD: **MAGNET MOUNT**

- One magnet clip per foot
- MMA-02 comes in 12" pieces; use at least one clip per MMA-02 accessory
- MMA-02 can be cut into smaller pieces, if desired

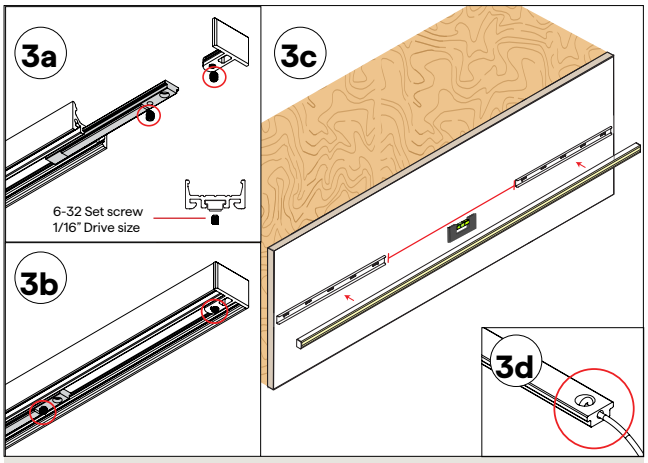


Determine the OPTI fixture(s) location and positioning on desired surface. Make any necessary reference markings to indicate where the magnet mount accessory bracket is to be secured in place.



Mount the two #6 flat head screws into the 12" magnet mount accessory brackets through the slotted holes at each end. Ensure the screw head is flush with the magnet mount bracket.

NOTE: If surface application requires a longer screw, the screw size must be a #6 Flat Head.



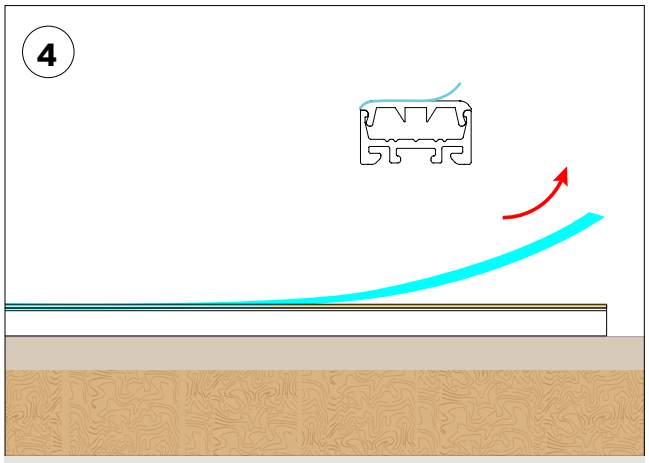
a. Unscrew the Non-Feed OPTI endcap using an allen key, and slide in the magnet clips.

b. Using the supplied set screw fasten the Non-Feed endcap that was removed, and secure the magnet clips into your desired location.

c. Place the assembled fixture into the magnet mount bracket.

d. For installations requiring seismic precautions, monofiliment may be used with magnet clips as pictured.

NOTE: The magnet clips should be offset to the flat heads used to secure the bracket, to maximize magnetic connection.

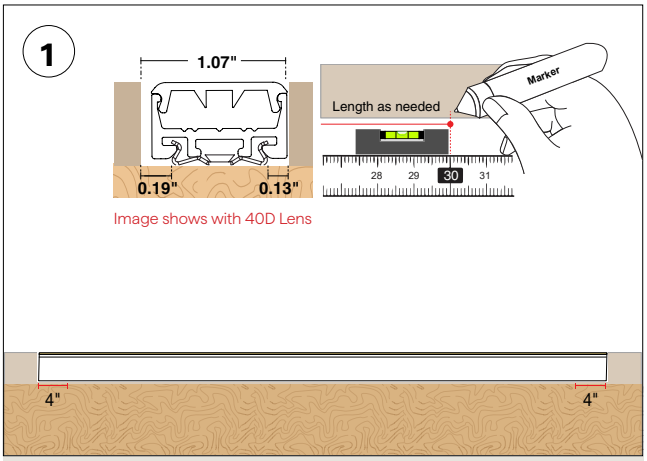


Remove protective film from the surface of the fixture's lens.

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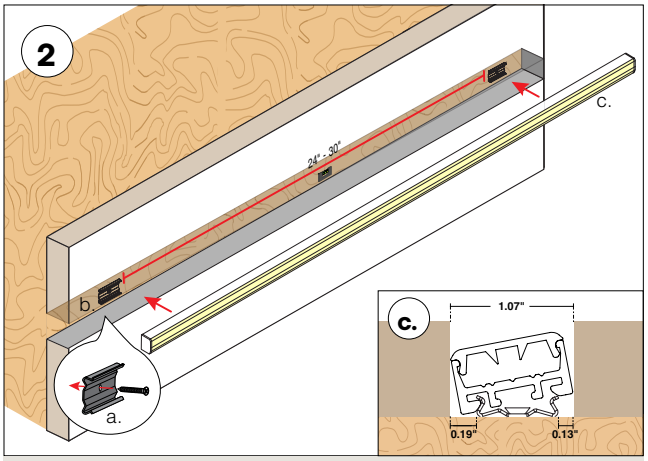
RECESSED MOUNTING METHOD: **MILLWORK SCREW MOUNT**

- 2 clips provided for 4' or less; 4 clips provided for greater than 4'



Determine the OPTI fixture(s) location and positioning on desired surface; evenly distribute clips. Make any necessary reference markings to indicate where each clip is to be secured in place. Recommended every 24" - 30".

NOTE: OPTI requires cut out to be at least 1.07" wide. The clip must be placed with 0.19" of space on the wider side. Depth of the channel in the millwork is dependent on overall height with the clip.

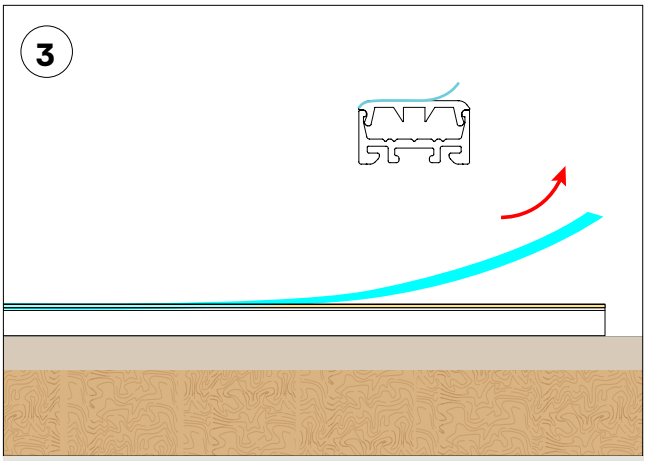


a. Secure clips using the #4 flat head hardware provided. The first and last clip should be placed 4" inward from each end of the fixture.

b. Ensure the screw head is flush with the clip's base.

c. Snap fixture onto clips. Make a secure connection with the concealed clip by tilting and snapping on

NOTE: Flat head screw type is dependent on surface/application material. Alternative flat head screws may be required. Refer to the surface material manufacturer for suggested screw type.

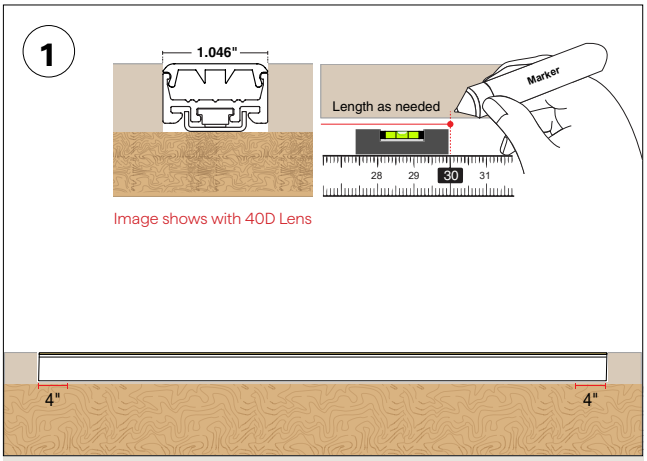


Remove protective film from the surface of the fixture's lens.

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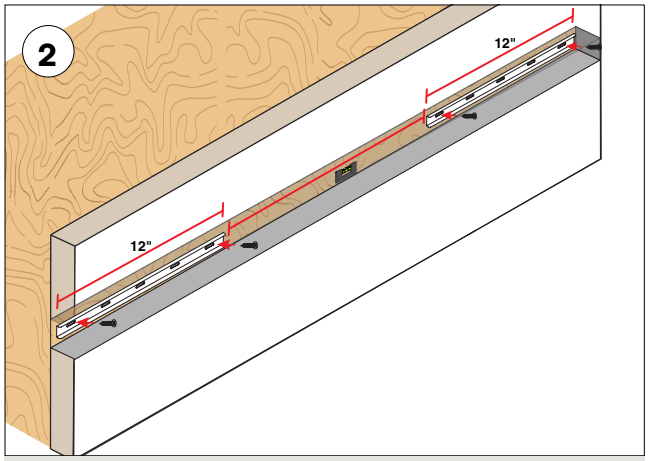
RECESSED MOUNTING METHOD: **MILLWORK MAGNET MOUNT**

- One magnet clip per foot
- MMA-02 comes in 12" pieces; use at least one clip per MMA-02 accessory
- MMA-02 can be cut into smaller pieces, if desired



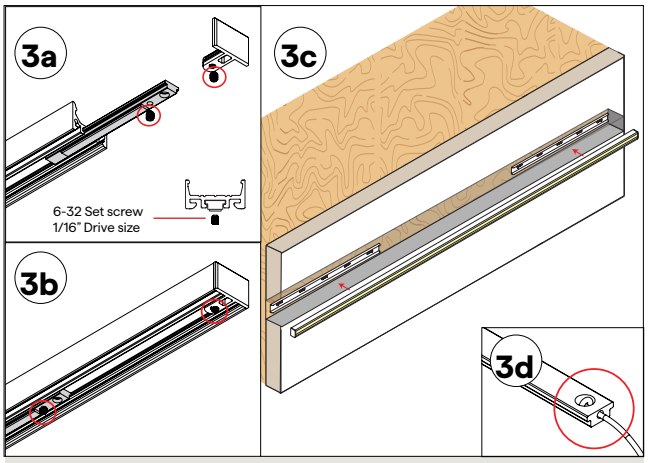
Determine the OPTI fixture(s) location and positioning on desired surface. Make any necessary reference markings to indicate where the magnet mount accessory bracket is to be secured in place.

NOTE: Depth of the channel in the millwork is dependent on overall height with the magnet clip and Magnet Mount Accessory.



Mount the two #6 flat head screws into the 12" magnet mount accessory brackets through the slotted holes at each end. Ensure the screw head is flush with the magnet mount bracket.

NOTE: If surface application requires a longer screw, the screw size must be a #6 Flat Head.



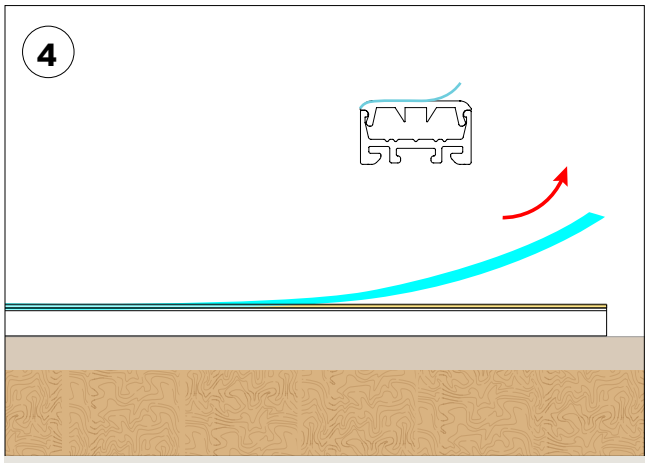
a. Unscrew the Non-Feed OPTI endcap using an allen key, and slide in the magnet clips.

b. Using the supplied set screw fasten the Non-Feed endcap that was removed, and secure the magnet clips into your desired location.

c. Place the assembled fixture into the magnet mount bracket.

d. For installations requiring seismic precautions, monofiliment may be used with magnet clips as pictured.

NOTE: The magnet clips should be offset to the flat heads used to secure the bracket, to maximize magnetic connection.



Remove protective film from the surface of the fixture's lens.

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OPTI-OPTICS-SW(2)

Linear Fixtures Color Data

1.5 W/FT

OP2SW-1.5-30-DRY-40D

3112 K

CRI: 98.1

CRI R9: 96.2

TM30 Rf: 94.1

TM30 Rg: 100.8

CQS: 95.1

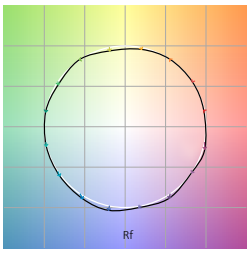
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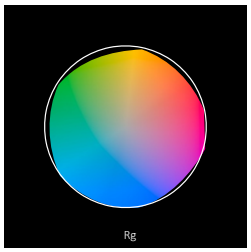
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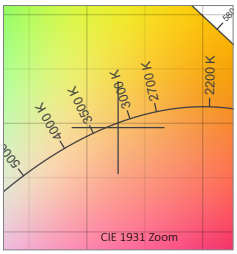
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V: 0.344

Δuv: -0.0018







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.2	98.9	97.5	99.4	98.4	96.7	97.9	97.9	96.2	99.4	97.0	82.7	98.2	97.6	98.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.6	96.9	91.5	91.7	94.7	97.9	95.1	96.5	97.5	97.0	97.2	97.8	97.8	96.0	95.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.9	97.5	96.6	95.0	93.5	97.2	93.1	98.0	93.5	90.4	90.7	92.1	95.2	92.9	92.3	90.3

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	1%
4	95	-2%	-1%
5	94	-4%	0%
6	97	0%	1%
7	93	-2%	3%
8	98	0%	1%
9	93	0%	5%
10	90	1%	6%
11	91	3%	6%
12	92	5%	0%
13	95	1%	-3%
14	93	4%	-4%
15	92	0%	-2%
16	90	2%	-8%

OP2SW-1.5-30-DRY-60D

3058 K

CRI: 98.2

CRI R9: 95.5

TM30 Rf: 94.1

TM30 Rg: 100.5

CQS: 95.1

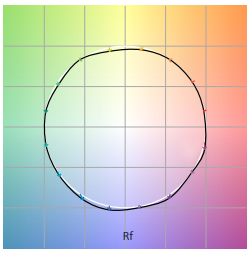
X: 0.431

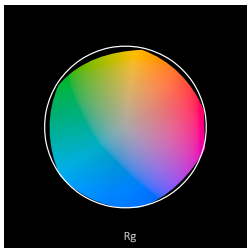
Y: 0.399

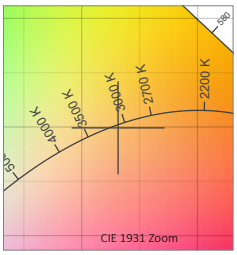
U: 0.249

V: 0.346

Δuv: -0.0012







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.4	99.3	97.1	99.5	98.5	97.0	98.0	97.7	95.5	99.1	97.2	82.9	98.5	97.4	98.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.2	96.7	91.8	91.8	94.6	97.6	95.3	96.7	97.4	97.1	97.4	98.1	98.2	96.1	95.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.8	97.6	96.7	94.8	93.5	97.2	93.2	97.9	93.5	90.3	90.5	92.5	95.0	93.0	92.4	90.6

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	1%
4	95	-2%	-1%
5	94	-4%	1%
6	97	0%	1%
7	93	-2%	3%
8	98	0%	1%
9	93	0%	5%
10	90	1%	6%
11	90	4%	6%
12	92	4%	0%
13	95	1%	-3%
14	93	4%	-4%
15	92	0%	-2%
16	91	2%	-8%

OP2SW-1.5-30-DRY-70D

3069 K

CRI: 97.9

CRI R9: 96.0

TM30 Rf: 94.2

TM30 Rg: 100.4

CQS: 95.4

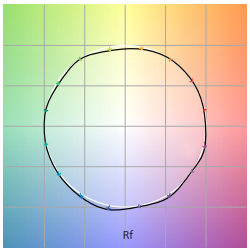
X: 0.431

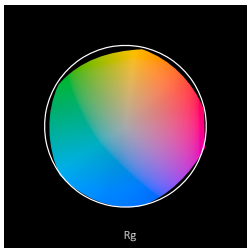
Y: 0.399

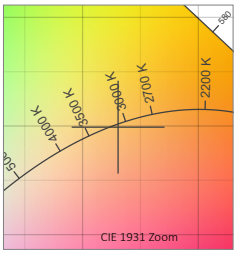
U: 0.249

V: 0.346

Δuv: -0.0012







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	98.8	97.6	98.9	98.1	96.7	97.8	97.7	96.0	99.6	96.6	83.5	97.8	97.6	98.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.9	96.6	92.5	92.7	94.9	97.6	96.0	97.1	97.5	97.6	98.1	98.2	98.4	96.0	95.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.8	97.6	96.8	94.6	93.7	97.2	93.1	97.6	93.4	90.7	91.5	92.3	94.8	93.2	92.4	91.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	95	-3%	-2%
5	94	-5%	0%
6	97	0%	1%
7	93	-3%	3%
8	98	0%	1%
9	93	1%	5%
10	91	1%	6%
11	92	3%	5%
12	92	5%	-1%
13	95	1%	-4%
14	93	3%	-4%
15	92	0%	-1%
16	91	2%	-7%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW(2)

Linear Fixtures Color Data

OP2SW-1.5-30-DRY-90D

3054 K

CRI: 98.1

CRI R9: 94.8

TM30 Rf: 94.2

TM30 Rg: 100.5

CQS: 95.2

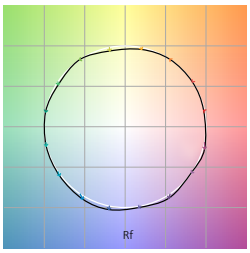
X: 0.431

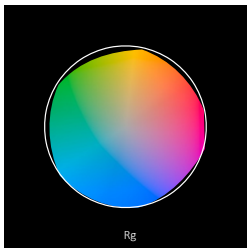
Y: 0.398

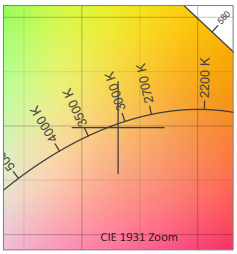
U: 0.249

V: 0.346

Δuv: -0.0015







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.3	99.0	97.7	99.4	98.5	96.7	97.6	97.3	94.8	99.5	97.0	83.4	98.3	97.7	98.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.2	96.6	92.0	92.2	94.9	97.9	95.4	96.6	97.7	97.3	97.5	98.0	97.9	95.9	95.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.8	97.6	96.7	95.0	93.7	97.3	93.3	97.9	93.6	90.7	90.8	92.4	94.7	92.8	92.3	90.4

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	1%
4	95	-2%	-1%
5	94	-4%	0%
6	97	0%	1%
7	93	-2%	3%
8	98	0%	1%
9	94	0%	5%
10	91	1%	6%
11	91	4%	6%
12	92	4%	0%
13	95	1%	-4%
14	93	3%	-4%
15	92	0%	-2%
16	90	2%	-8%

OP2SW-1.5-30-DRY-110D

3138 K

CRI: 97.6

CRI R9: 98.4

TM30 Rf: 94.5

TM30 Rg: 101.0

CQS: 95.6

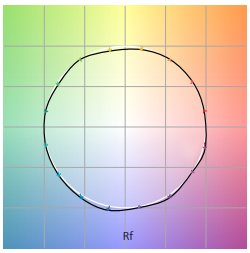
X: 0.425

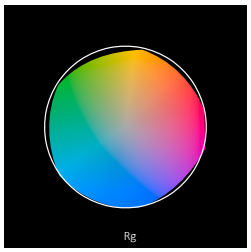
Y: 0.395

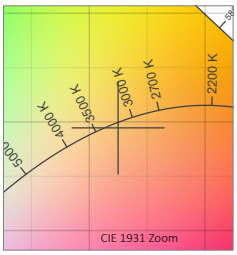
U: 0.247

V: 0.344

Δuv: -0.0021







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.0	98.2	97.7	98.3	97.4	96.0	98.1	98.5	98.4	98.2	96.0	84.1	97.0	97.7	97.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.6	96.9	92.6	92.9	95.4	98.2	95.9	97.2	97.6	97.6	97.9	98.5	98.5	95.9	95.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.1	97.6	96.7	95.1	94.0	97.3	93.3	97.8	93.8	91.4	91.8	92.4	95.1	93.5	92.7	91.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	0%	1%
2	98	0%	0%
3	97	0%	0%
4	95	-2%	-2%
5	94	-4%	0%
6	97	0%	1%
7	93	-2%	3%
8	98	0%	1%
9	94	1%	4%
10	91	1%	5%
11	92	3%	5%
12	92	5%	-1%
13	95	1%	-3%
14	93	3%	-4%
15	93	0%	-1%
16	91	2%	-7%

OP2SW-1.5-30-DRY-155D

3104 K

CRI: 97.8

CRI R9: 97.5

TM30 Rf: 93.8

TM30 Rg: 100.6

CQS: 95.1

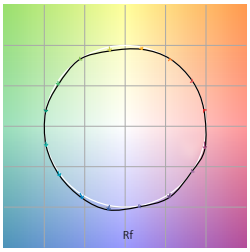
X: 0.428

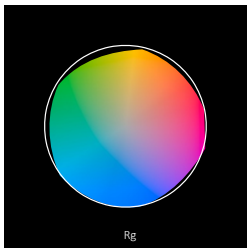
Y: 0.397

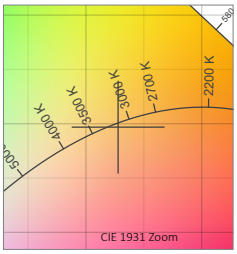
U: 0.248

V: 0.345

Δuv: -0.0016







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.5	98.6	97.2	98.8	97.9	96.4	97.9	98.2	97.5	99.4	96.7	82.2	97.5	97.3	97.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.8	96.7	91.9	91.9	94.5	97.5	95.7	97.0	97.4	97.4	97.8	98.4	98.5	95.9	95.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.6	97.5	96.6	94.3	93.2	97.1	92.7	97.5	92.9	89.9	90.7	91.9	94.8	92.9	92.0	90.3

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	97	0%	0%
3	97	0%	0%
4	94	-3%	-2%
5	93	-5%	0%
6	97	0%	1%
7	93	-3%	4%
8	98	0%	2%
9	93	1%	5%
10	90	1%	6%
11	91	3%	6%
12	92	5%	0%
13	95	1%	-3%
14	93	4%	-4%
15	92	0%	-1%
16	90	2%	-8%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW(2)

Linear Fixtures Color Data

OP2SW-1.5-30-DRY-180D

3114 K

CRI: 97.8

CRI R9: 97.0

TM30 Rf: 93.5

TM30 Rg: 100.4

CQS: 95.1

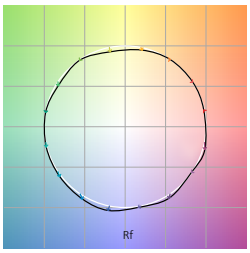
X: 0.427

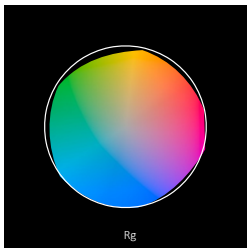
Y: 0.397

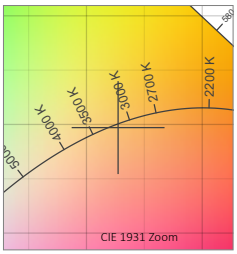
U: 0.247

V: 0.345

Δuv: -0.0014







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.6	98.6	97.7	98.9	97.9	96.3	97.6	97.8	97.0	99.2	96.7	81.6	97.6	97.6	97.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.4	96.6	92.0	91.9	94.4	97.3	96.0	97.1	97.6	97.7	98.0	98.4	98.5	95.9	94.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.3	97.3	96.5	93.8	92.9	97.1	92.2	97.1	92.3	89.4	90.3	91.6	94.7	92.6	91.5	89.9

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	0%
3	97	0%	0%
4	94	-3%	-2%
5	93	-6%	0%
6	97	0%	1%
7	92	-3%	4%
8	97	0%	2%
9	92	1%	5%
10	89	2%	6%
11	90	4%	6%
12	92	6%	0%
13	95	1%	-4%
14	93	4%	-4%
15	91	0%	-1%
16	90	2%	-8%

OP2SW-1.5-30-DRY-ASYM

3098 K

CRI: 97.8

CRI R9: 96.9

TM30 Rf: 94.2

TM30 Rg: 100.7

CQS: 95.2

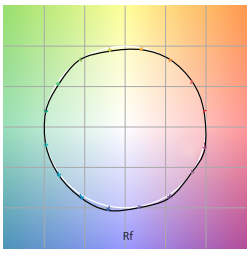
X: 0.428

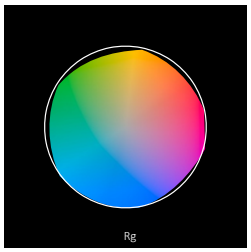
Y: 0.396

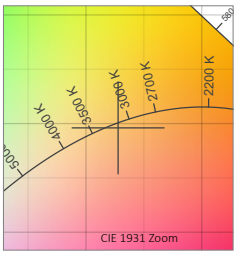
U: 0.248

V: 0.345

Δuv: -0.0019







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.6	98.5	97.5	98.9	97.9	96.3	97.7	98.0	96.9	99.1	96.8	83.4	97.5	97.5	97.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.3	96.7	92.0	92.1	94.7	97.8	95.5	96.8	97.5	97.2	97.5	98.2	98.2	95.8	95.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.8	97.5	96.7	94.8	93.6	97.2	93.2	97.9	93.4	90.5	91.2	92.1	94.9	93.1	92.4	90.7

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	95	-2%	-1%
5	94	-4%	0%
6	97	0%	1%
7	93	-2%	3%
8	98	0%	1%
9	93	1%	5%
10	91	1%	6%
11	91	3%	5%
12	92	5%	-1%
13	95	1%	-3%
14	93	3%	-4%
15	92	0%	-1%
16	91	2%	-7%

OP2SW-1.5-30-DRY-FT

3088 K

CRI: 97.7

CRI R9: 97.6

TM30 Rf: 93.5

TM30 Rg: 100.4

CQS: 95.0

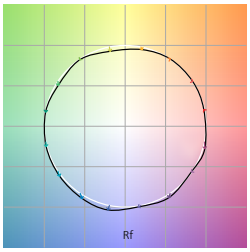
X: 0.429

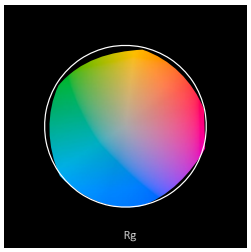
Y: 0.397

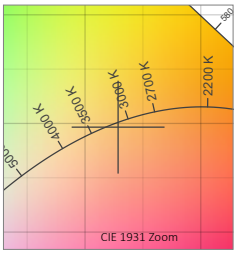
U: 0.248

V: 0.345

Δuv: -0.0018







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.4	98.3	98.1	98.8	97.6	95.9	97.4	97.9	97.6	98.5	96.7	82.1	97.3	97.9	97.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.3	96.5	92.2	91.9	94.2	96.9	96.0	96.9	97.7	97.7	97.9	98.4	98.2	95.6	94.8
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.2	97.2	96.5	93.7	93.0	97.1	92.0	97.0	92.1	89.4	90.5	91.6	94.6	92.7	91.6	90.2

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	0%
3	97	0%	0%
4	94	-3%	-2%
5	93	-6%	0%
6	97	0%	1%
7	92	-3%	4%
8	97	0%	2%
9	92	1%	6%
10	89	2%	6%
11	91	4%	6%
12	92	6%	-1%
13	95	1%	-4%
14	93	3%	-4%
15	92	-1%	-1%
16	90	2%	-8%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW(2)

Linear Fixtures Color Data

3.0 W/FT

OP2SW-3.0-30-DRY-40D

3133 K

CRI: 98.3

CRI R9: 96.5

TM30 Rf: 94.6

TM30 Rg: 100.7

CQS: 95.5

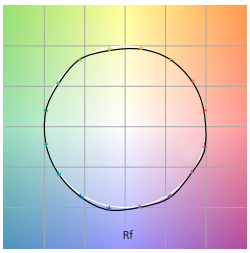
X: 0.426

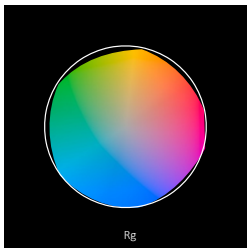
Y: 0.397

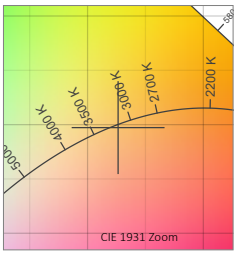
U: 0.247

V: 0.345

Δuv: -0.0012







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.3	99.4	96.9	99.2	98.6	97.3	98.4	98.3	96.5	98.9	97.1	84.1	98.5	97.3	98.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
94.0	97.0	92.1	92.4	95.2	98.0	95.5	97.0	97.3	97.1	97.6	98.3	98.5	96.4	95.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.3	97.9	96.9	95.4	94.0	97.4	93.9	98.2	94.2	91.1	91.4	92.7	95.5	93.6	93.1	91.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	95	-2%	-1%
5	94	-4%	1%
6	97	0%	1%
7	94	-2%	3%
8	98	0%	1%
9	94	0%	4%
10	91	1%	5%
11	91	3%	5%
12	93	5%	0%
13	96	1%	-3%
14	94	3%	-3%
15	93	0%	-2%
16	91	2%	-7%

OP2SW-3.0-30-DRY-60D

3100 K

CRI: 98.3

CRI R9: 95.9

TM30 Rf: 94.2

TM30 Rg: 100.5

CQS: 95.3

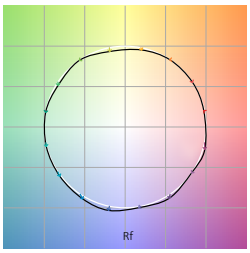
X: 0.429

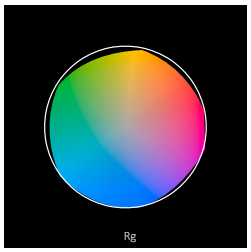
Y: 0.400

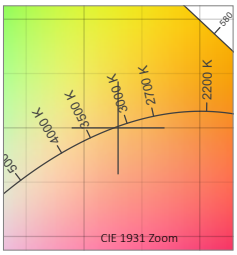
U: 0.247

V: 0.346

Δuv: -0.0006







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.3	99.6	96.7	99.1	98.6	97.4	98.4	98.1	95.9	98.6	97.0	82.5	98.5	97.1	98.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.2	96.8	92.0	92.3	95.0	97.8	95.9	97.4	97.2	97.4	98.0	98.1	98.1	96.4	95.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.9	97.8	96.9	94.7	93.5	97.2	93.3	97.7	93.5	90.4	90.9	92.3	95.3	93.1	92.3	90.4

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	95	-3%	-1%
5	93	-5%	1%
6	97	0%	1%
7	93	-3%	3%
8	98	0%	1%
9	93	0%	5%
10	90	1%	6%
11	91	3%	6%
12	92	5%	0%
13	95	1%	-3%
14	93	4%	-4%
15	92	0%	-2%
16	90	2%	-8%

OP2SW-3.0-30-DRY-70D

3081 K

CRI: 98.2

CRI R9: 96.0

TM30 Rf: 93.8

TM30 Rg: 100.1

CQS: 95.3

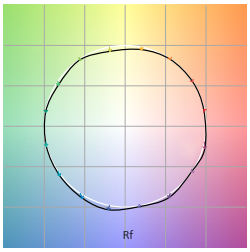
X: 0.431

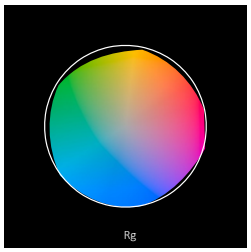
Y: 0.402

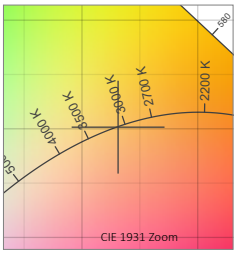
U: 0.248

V: 0.346

Δuv: -0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.4	99.6	97.0	99.1	98.5	97.4	98.2	97.9	96.0	98.9	97.2	82.3	98.5	97.3	98.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.5	96.6	92.4	92.4	94.7	97.2	96.6	97.7	97.4	97.8	98.4	97.8	97.9	96.5	95.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.6	97.6	96.8	94.1	93.1	97.2	92.5	97.0	92.8	89.9	90.8	92.1	95.0	92.9	91.9	90.3

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	94	-3%	-2%
5	93	-5%	0%
6	97	-1%	1%
7	92	-3%	4%
8	97	0%	2%
9	93	0%	5%
10	90	1%	6%
11	91	3%	6%
12	92	5%	0%
13	95	1%	-3%
14	93	3%	-4%
15	92	0%	-1%
16	90	2%	-8%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW(2)

Linear Fixtures Color Data

OP2SW-3.0-30-DRY-90D

3100 K

CRI: 98.3

CRI R9: 96.4

TM30 Rf: 94.2

TM30 Rg: 100.5

CQS: 95.5

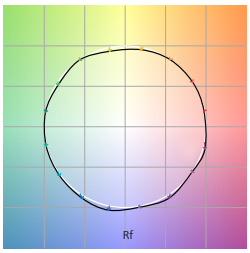
X: 0.430

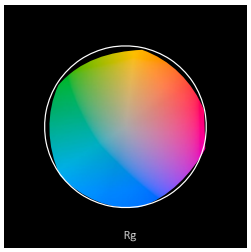
Y: 0.400

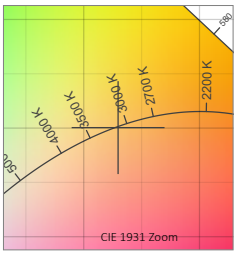
U: 0.247

V: 0.346

Δuv: -0.0004







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.2	99.6	96.6	98.8	98.6	97.4	98.6	98.3	96.4	98.7	96.5	82.8	98.4	97.0	98.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.2	96.9	92.2	92.6	95.3	98.0	96.1	97.6	97.2	97.5	98.3	97.8	97.9	96.6	95.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.0	97.8	96.8	94.7	93.5	97.2	93.2	97.6	93.5	90.6	91.0	92.3	95.3	93.1	92.3	90.4

TM30

Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	95	-3%	-2%
5	93	-5%	0%
6	97	0%	1%
7	93	-2%	3%
8	98	0%	1%
9	94	0%	5%
10	91	1%	6%
11	91	3%	6%
12	92	5%	0%
13	95	1%	-3%
14	93	4%	-4%
15	92	0%	-1%
16	90	2%	-8%

OP2SW-3.0-30-DRY-110D

3132 K

CRI: 98.2

CRI R9: 96.7

TM30 Rf: 94.0

TM30 Rg: 100.5

CQS: 95.3

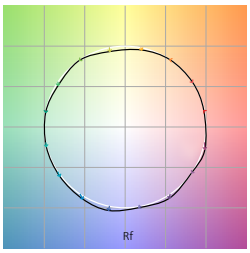
X: 0.427

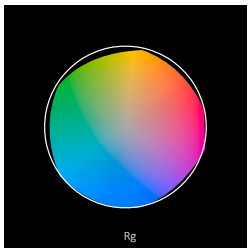
Y: 0.398

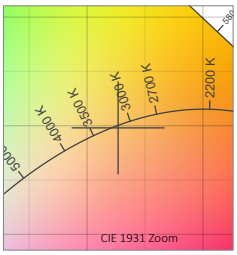
U: 0.247

V: 0.345

Δuv: -0.0010







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.1	99.3	96.9	99.1	98.4	97.1	98.3	98.2	96.7	99.1	97.1	82.5	98.2	97.2	98.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.2	96.9	91.9	92.0	94.7	97.6	95.9	97.3	97.3	97.4	97.9	98.4	98.4	96.4	95.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.8	97.7	96.8	94.6	93.4	97.2	93.2	97.6	93.2	90.1	90.7	92.2	95.2	93.1	92.2	90.3

TM30

Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	95	-3%	-2%
5	93	-5%	0%
6	97	0%	1%
7	93	-3%	3%
8	98	0%	1%
9	93	0%	5%
10	90	1%	6%
11	91	3%	6%
12	92	5%	0%
13	95	1%	-3%
14	93	4%	-4%
15	92	0%	-1%
16	90	2%	-8%

OP2SW-3.0-30-DRY-155D

3136 K

CRI: 98.2

CRI R9: 96.4

TM30 Rf: 94.3

TM30 Rg: 100.7

CQS: 95.5

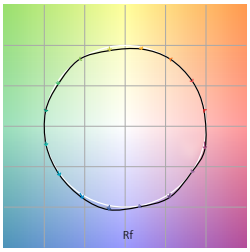
X: 0.427

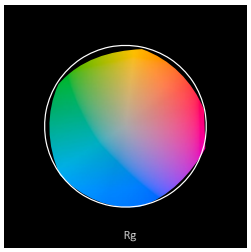
Y: 0.398

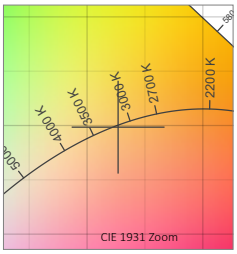
U: 0.246

V: 0.345

Δuv: -0.0008







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.2	99.5	96.7	98.8	98.6	97.3	98.6	98.3	96.4	98.8	96.5	82.9	98.4	97.1	98.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.6	97.0	92.0	92.5	95.4	98.3	95.8	97.4	97.3	97.4	98.1	98.2	98.2	96.5	95.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.1	97.8	96.8	95.0	93.6	97.2	93.4	97.8	93.8	90.7	91.0	92.3	95.3	93.1	92.4	90.3

TM30

Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	95	-2%	-1%
5	94	-4%	1%
6	97	0%	1%
7	93	-2%	3%
8	98	0%	1%
9	94	0%	4%
10	91	1%	6%
11	91	3%	6%
12	92	5%	0%
13	95	1%	-3%
14	93	4%	-4%
15	92	0%	-2%
16	90	2%	-8%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW(2)

Linear Fixtures Color Data

OP2SW-3.0-30-DRY-180D

3117 K

CRI: 98.2

CRI R9: 95.7

TM30 Rf: 93.7

TM30 Rg: 100.2

CQS: 95.2

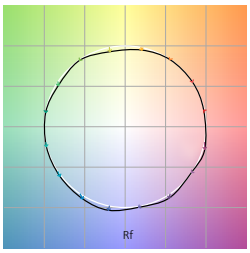
X: 0.428

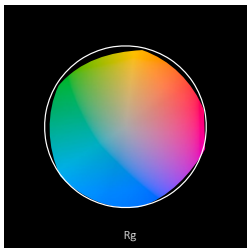
Y: 0.400

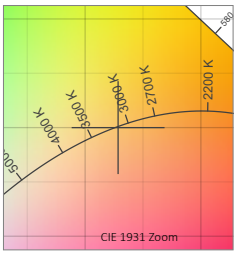
U: 0.247

V: 0.346

Δuv: -0.0004







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.4	99.6	97.0	99.3	98.5	97.3	98.1	97.8	95.7	98.7	97.3	81.8	98.6	97.3	98.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.6	96.7	92.1	92.1	94.5	97.3	96.3	97.5	97.4	97.6	98.2	98.1	98.2	96.5	95.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.5	97.6	96.8	94.1	93.1	97.2	92.7	97.1	92.7	89.6	90.5	92.0	95.0	92.8	91.9	90.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	94	-3%	-2%
5	93	-5%	0%
6	97	0%	1%
7	93	-3%	4%
8	97	0%	2%
9	93	0%	5%
10	90	1%	6%
11	90	3%	6%
12	92	5%	0%
13	95	1%	-3%
14	93	4%	-4%
15	92	0%	-1%
16	90	2%	-8%

OP2SW-3.0-30-DRY-ASYM

3112 K

CRI: 98.3

CRI R9: 95.8

TM30 Rf: 94.0

TM30 Rg: 100.3

CQS: 95.3

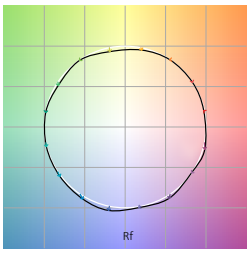
X: 0.429

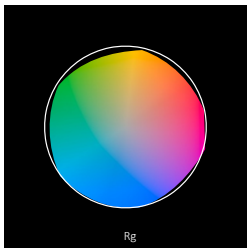
Y: 0.400

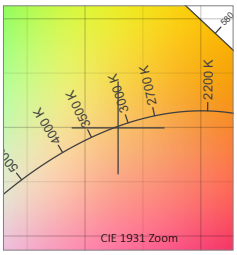
U: 0.247

V: 0.346

Δuv: -0.0006







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.5	99.6	96.9	99.4	98.5	97.3	98.2	97.9	95.8	98.6	97.3	82.2	98.6	97.2	98.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.0	96.8	91.9	92.0	94.7	97.5	96.0	97.3	97.3	97.4	98.0	98.3	98.3	96.5	95.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.8	97.7	96.8	94.5	93.4	97.3	93.2	97.6	93.2	90.1	90.7	92.2	95.2	93.1	92.2	90.4

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	95	-3%	-2%
5	93	-5%	0%
6	97	0%	1%
7	93	-3%	3%
8	98	0%	2%
9	93	0%	5%
10	90	1%	6%
11	91	3%	6%
12	92	5%	0%
13	95	1%	-3%
14	93	4%	-4%
15	92	0%	-1%
16	90	2%	-8%

OP2SW-3.0-30-DRY-FT

3060 K

CRI: 98.2

CRI R9: 95.7

TM30 Rf: 94.1

TM30 Rg: 100.2

CQS: 95.4

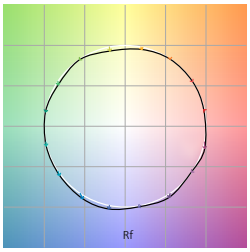
X: 0.432

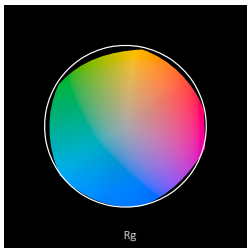
Y: 0.401

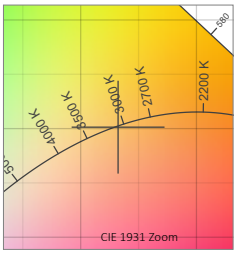
U: 0.249

V: 0.346

Δuv: -0.0005







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.2	99.4	97.1	98.9	98.4	97.2	98.2	97.9	95.7	99.2	96.7	83.1	98.3	97.3	98.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.8	96.6	92.5	92.7	95.1	97.6	96.3	97.6	97.4	97.7	98.4	97.8	97.9	96.3	95.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.8	97.7	96.8	94.5	93.5	97.2	93.0	97.3	93.2	90.5	90.7	92.6	95.0	93.0	92.1	90.4

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	94	-3%	-2%
5	93	-5%	0%
6	97	0%	1%
7	93	-3%	4%
8	97	0%	2%
9	93	0%	5%
10	91	1%	6%
11	91	4%	6%
12	93	4%	0%
13	95	1%	-3%
14	93	3%	-4%
15	92	0%	-1%
16	90	2%	-8%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW(2)

Linear Fixtures Color Data

4.0 W/FT

OP2SW-4.0-30-DRY-40D

3100 K

CRI: 98.2

CRI R9: 94.1

TM30 Rf: 94.0

TM30 Rg: 100.4

CQS: 95.2

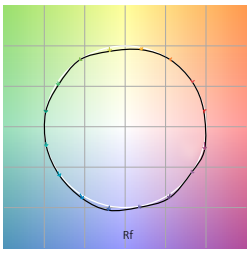
X: 0.429

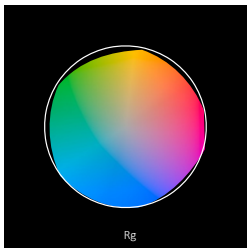
Y: 0.400

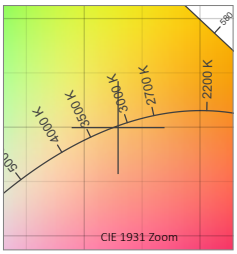
U: 0.248

V: 0.346

Δuv: -0.0007







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.5	99.5	97.1	99.4	98.6	97.2	98.0	97.3	94.1	98.7	97.2	82.5	98.7	97.3	98.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.0	96.7	91.9	92.1	94.8	97.6	95.9	97.1	97.4	97.3	97.9	98.4	98.5	96.2	95.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.7	97.6	96.8	94.6	93.4	97.3	93.2	97.6	93.2	90.2	90.7	92.0	94.9	92.7	92.0	90.0

TM30

Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	95	-3%	-1%
5	93	-5%	0%
6	97	0%	1%
7	93	-3%	3%
8	98	0%	2%
9	93	0%	5%
10	90	1%	6%
11	91	3%	6%
12	92	5%	0%
13	95	1%	-3%
14	93	4%	-4%
15	92	0%	-2%
16	90	2%	-8%

OP2SW-4.0-30-DRY-60D

3099 K

CRI: 98.1

CRI R9: 94.7

TM30 Rf: 94.1

TM30 Rg: 100.4

CQS: 95.4

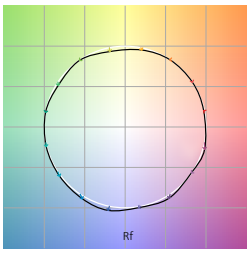
X: 0.429

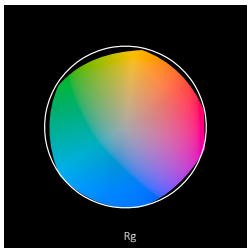
Y: 0.399

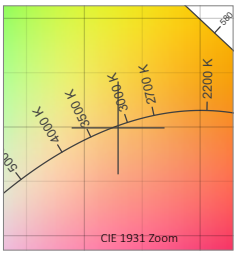
U: 0.248

V: 0.346

Δuv: -0.0009







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.3	99.3	97.4	99.2	98.4	97.0	97.9	97.5	94.7	99.4	96.9	83.2	98.3	97.5	98.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.0	96.6	92.4	92.5	94.9	97.7	96.1	97.3	97.5	97.5	98.1	98.3	98.4	96.2	95.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.7	97.6	96.8	94.7	93.6	97.3	93.3	97.5	93.3	90.5	91.1	92.1	94.8	92.8	92.1	90.4

TM30

Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	95	-3%	-2%
5	94	-5%	0%
6	97	0%	1%
7	93	-3%	3%
8	97	0%	2%
9	93	0%	5%
10	90	1%	6%
11	91	3%	5%
12	92	5%	-1%
13	95	1%	-3%
14	93	3%	-4%
15	92	0%	-2%
16	90	2%	-8%

OP2SW-4.0-30-DRY-70D

3072 K

CRI: 98.3

CRI R9: 93.6

TM30 Rf: 94.1

TM30 Rg: 100.5

CQS: 95.3

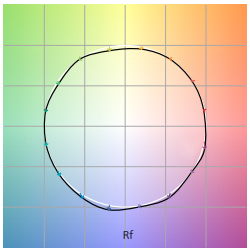
X: 0.431

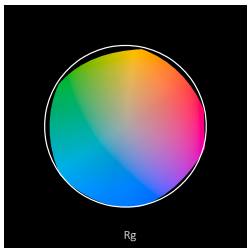
Y: 0.401

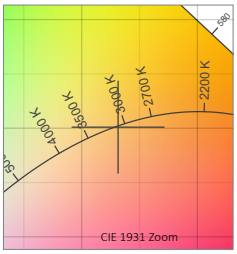
U: 0.248

V: 0.346

Δuv: -0.0005







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.8	99.7	96.8	99.4	98.8	97.4	98.1	97.3	93.6	98.2	97.1	82.9	98.9	97.2	98.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.3	96.7	92.0	92.3	95.1	97.8	95.7	97.1	97.4	97.2	97.9	98.3	98.4	96.3	95.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.8	97.7	96.8	94.9	93.5	97.3	93.5	97.7	93.6	90.6	90.9	92.0	95.0	92.7	92.2	90.0

TM30

Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	95	-3%	-1%
5	94	-5%	1%
6	97	0%	1%
7	93	-2%	3%
8	98	0%	1%
9	94	0%	4%
10	91	1%	6%
11	91	3%	6%
12	92	5%	0%
13	95	1%	-3%
14	93	4%	-4%
15	92	0%	-2%
16	90	2%	-8%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW(2)

Linear Fixtures Color Data

OP2SW-4.0-30-DRY-90D

3108 K

CRI: 98.2

CRI R9: 94.8

TM30 Rf: 94.3

TM30 Rg: 100.7

CQS: 95.3

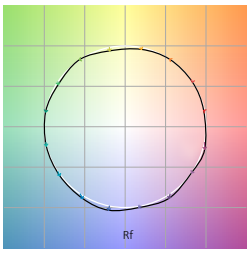
X: 0.428

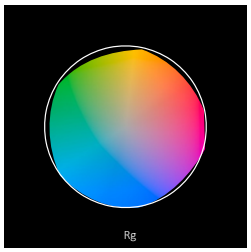
Y: 0.398

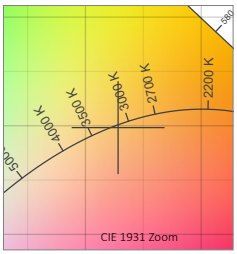
U: 0.247

V: 0.345

Δuv: -0.0011







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.5	99.4	97.0	99.3	98.7	97.1	98.1	97.7	94.8	98.8	97.1	83.3	98.6	97.3	98.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.7	96.9	91.8	92.2	95.2	98.0	95.5	96.9	97.4	97.1	97.6	98.3	98.3	96.3	95.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.0	97.7	96.7	95.2	93.7	97.4	93.5	98.0	93.9	90.8	91.0	92.1	95.1	92.8	92.4	90.2

TM30

Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	1%
4	95	-2%	-1%
5	94	-4%	1%
6	97	0%	1%
7	94	-2%	3%
8	98	0%	1%
9	94	0%	4%
10	91	1%	5%
11	91	3%	6%
12	92	5%	0%
13	95	1%	-3%
14	93	4%	-4%
15	92	0%	-2%
16	90	2%	-8%

OP2SW-4.0-30-DRY-110D

3127 K

CRI: 98.2

CRI R9: 94.5

TM30 Rf: 94.0

TM30 Rg: 100.5

CQS: 95.3

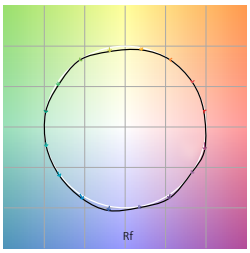
X: 0.427

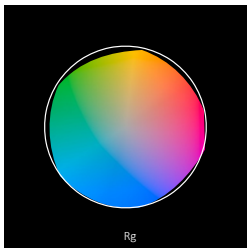
Y: 0.399

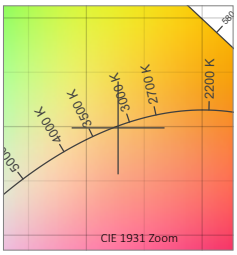
U: 0.247

V: 0.345

Δuv: -0.0007







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.5	99.5	97.1	99.3	98.6	97.2	98.0	97.5	94.5	98.8	97.0	82.5	98.6	97.4	98.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.1	96.8	91.9	92.2	94.9	97.8	95.9	97.2	97.5	97.4	98.0	98.4	98.5	96.3	95.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.7	97.7	96.8	94.7	93.5	97.3	93.3	97.6	93.3	90.3	90.7	92.0	95.0	92.7	92.1	90.1

TM30

Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	95	-3%	-1%
5	93	-5%	0%
6	97	0%	1%
7	93	-3%	3%
8	98	0%	1%
9	93	0%	5%
10	90	1%	6%
11	91	3%	6%
12	92	5%	0%
13	95	1%	-3%
14	93	4%	-4%
15	92	0%	-2%
16	90	2%	-8%

OP2SW-4.0-30-DRY-155D

3120 K

CRI: 98.2

CRI R9: 94.4

TM30 Rf: 93.8

TM30 Rg: 100.4

CQS: 95.2

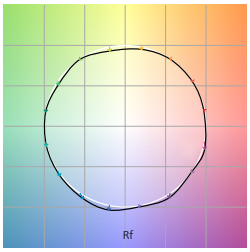
X: 0.428

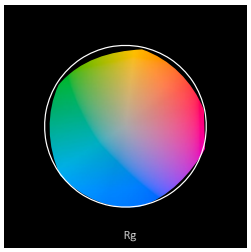
Y: 0.399

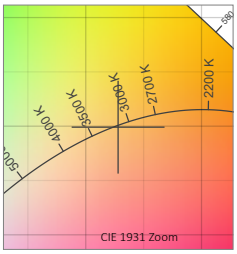
U: 0.247

V: 0.345

Δuv: -0.0007







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.6	99.6	97.0	99.5	98.6	97.2	98.0	97.4	94.4	98.6	97.3	81.8	98.7	97.3	98.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.9	96.7	91.7	91.8	94.6	97.5	95.9	97.2	97.4	97.4	97.8	98.5	98.5	96.3	95.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.6	97.6	96.7	94.4	93.2	97.2	93.0	97.4	92.9	89.8	90.3	91.8	94.9	92.5	91.8	89.7

TM30

Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	94	-3%	-2%
5	93	-5%	0%
6	97	0%	1%
7	93	-3%	3%
8	97	0%	2%
9	93	0%	5%
10	90	1%	6%
11	90	3%	6%
12	92	6%	0%
13	95	1%	-3%
14	93	4%	-4%
15	92	0%	-2%
16	90	2%	-8%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW(2)

Linear Fixtures Color Data

OP2SW-4.0-30-DRY-180D

3118 K

CRI: 98.3

CRI R9: 94.0

TM30 Rf: 93.8

TM30 Rg: 100.4

CQS: 95.2

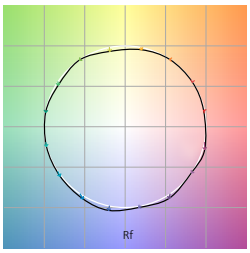
X: 0.428

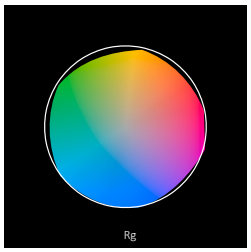
Y: 0.399

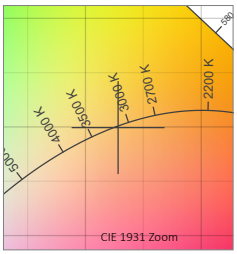
U: 0.247

V: 0.345

Δuv: -0.0006







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.7	99.7	96.9	99.6	98.6	97.2	98.0	97.3	94.0	98.3	97.3	81.6	98.9	97.2	98.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.0	96.8	91.6	91.8	94.7	97.6	95.8	97.1	97.4	97.3	97.8	98.5	98.5	96.3	95.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.6	97.6	96.7	94.5	93.2	97.2	93.1	97.6	93.1	89.9	90.3	91.8	95.0	92.5	91.9	89.7

TM30

Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	95	-3%	-1%
5	93	-5%	1%
6	97	0%	1%
7	93	-3%	3%
8	98	0%	2%
9	93	0%	5%
10	90	1%	6%
11	90	3%	6%
12	92	5%	0%
13	95	1%	-3%
14	92	4%	-4%
15	92	0%	-2%
16	90	2%	-8%

OP2SW-4.0-30-DRY-ASYM

3119 K

CRI: 98.2

CRI R9: 94.4

TM30 Rf: 94.3

TM30 Rg: 100.8

CQS: 95.3

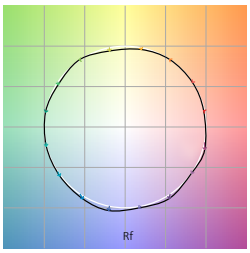
X: 0.427

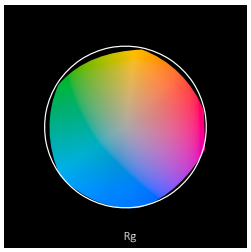
Y: 0.398

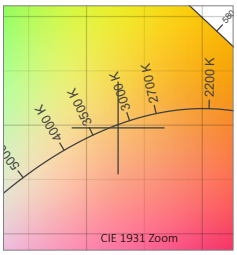
U: 0.247

V: 0.345

Δuv: -0.0013







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.5	99.4	97.0	99.2	98.7	97.1	98.1	97.5	94.4	98.7	96.9	83.1	98.6	97.3	98.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.8	97.0	91.5	92.0	95.2	98.0	95.2	96.8	97.4	97.0	97.4	98.1	98.2	96.2	95.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.0	97.7	96.6	95.3	93.7	97.3	93.5	98.2	94.0	90.8	90.8	92.0	95.1	92.7	92.4	90.1

TM30

Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	1%
4	95	-2%	-1%
5	94	-4%	1%
6	97	1%	1%
7	94	-2%	3%
8	98	0%	1%
9	94	0%	4%
10	91	1%	5%
11	91	3%	6%
12	92	5%	0%
13	95	1%	-3%
14	93	4%	-4%
15	92	0%	-2%
16	90	2%	-8%

OP2SW-4.0-30-DRY-FT

3086 K

CRI: 98.1

CRI R9: 93.3

TM30 Rf: 93.5

TM30 Rg: 99.8

CQS: 95.2

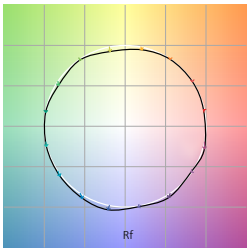
X: 0.431

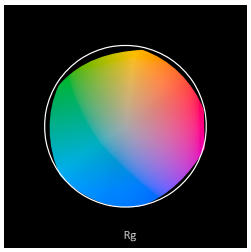
Y: 0.401

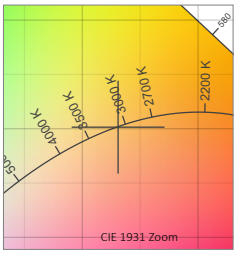
U: 0.248

V: 0.346

Δuv: -0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.6	99.5	97.5	99.2	98.4	97.2	97.5	96.8	93.3	99.0	97.5	82.0	98.7	97.5	98.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.0	96.4	92.5	92.3	94.3	96.7	96.8	97.5	97.6	97.8	98.4	98.0	98.2	96.2	94.8
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.2	97.5	96.8	93.8	93.0	97.1	92.0	96.7	92.3	89.5	90.7	91.8	94.5	92.5	91.5	90.0

TM30

Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	0%
3	97	0%	0%
4	94	-3%	-2%
5	93	-6%	0%
6	97	-1%	1%
7	92	-3%	4%
8	97	0%	2%
9	92	0%	5%
10	89	1%	6%
11	91	3%	6%
12	92	5%	-1%
13	94	1%	-4%
14	92	3%	-5%
15	91	-1%	-2%
16	90	2%	-8%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW(2)

Linear Fixtures Color Data

5.0 W/FT

OP2SW-5.0-30-DRY-40D

3104 K

CRI: 98.3

CRI R9: 94.5

TM30 Rf: 94.3

TM30 Rg: 100.6

CQS: 95.5

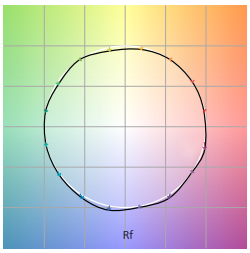
X: 0.429

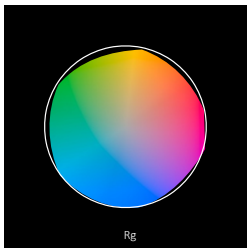
Y: 0.400

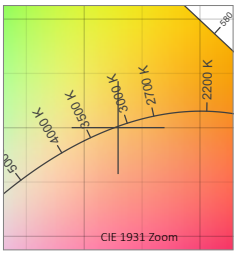
U: 0.247

V: 0.346

Δuv: -0.0005







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.6	99.7	96.7	99.1	98.8	97.4	98.4	97.7	94.5	98.3	96.8	83.2	98.8	97.1	98.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.5	96.9	92.1	92.5	95.4	98.1	95.8	97.3	97.3	97.3	98.0	98.2	98.2	96.5	95.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.1	97.9	96.9	95.1	93.7	97.3	93.6	97.9	93.9	90.9	91.1	92.2	95.2	92.9	92.4	90.3

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	95	-2%	-1%
5	94	-4%	1%
6	97	0%	1%
7	94	-2%	3%
8	98	0%	1%
9	94	0%	4%
10	91	1%	5%
11	91	3%	6%
12	92	5%	0%
13	95	1%	-3%
14	93	4%	-4%
15	92	0%	-2%
16	90	2%	-8%

OP2SW-5.0-30-DRY-60D

3100 K

CRI: 98.2

CRI R9: 95.3

TM30 Rf: 94.4

TM30 Rg: 100.7

CQS: 95.5

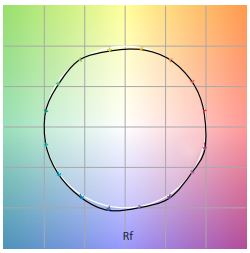
X: 0.429

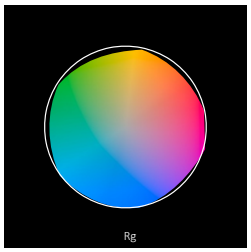
Y: 0.399

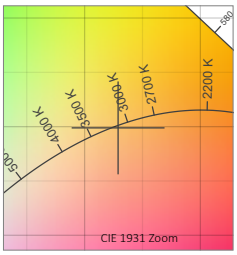
U: 0.248

V: 0.345

Δuv: -0.0010







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.3	99.4	97.1	99.0	98.6	97.2	98.3	97.9	95.3	99.0	96.7	83.8	98.5	97.3	98.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.7	96.9	92.2	92.6	95.5	98.3	95.7	97.2	97.4	97.3	97.9	98.4	98.5	96.3	95.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.1	97.8	96.9	95.3	93.9	97.3	93.6	98.0	94.1	91.2	91.3	92.3	95.1	93.0	92.5	90.4

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	95	-2%	-1%
5	94	-4%	1%
6	97	0%	1%
7	94	-2%	3%
8	98	0%	1%
9	94	0%	4%
10	91	1%	5%
11	91	3%	5%
12	92	5%	0%
13	95	1%	-3%
14	93	4%	-4%
15	93	0%	-2%
16	90	2%	-8%

OP2SW-5.0-30-DRY-70D

3086 K

CRI: 98.3

CRI R9: 94.5

TM30 Rf: 94.1

TM30 Rg: 100.2

CQS: 95.5

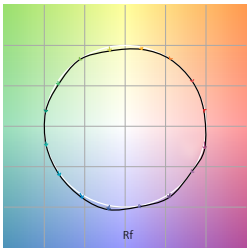
X: 0.431

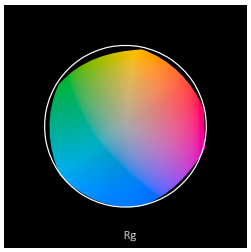
Y: 0.401

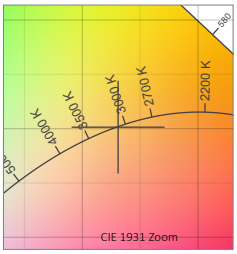
U: 0.248

V: 0.346

Δuv: -0.0003







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.5	99.7	96.9	99.1	98.6	97.4	98.2	97.6	94.5	98.6	97.0	83.0	98.7	97.2	98.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.9	96.7	92.5	92.7	95.1	97.7	96.4	97.6	97.4	97.7	98.3	97.9	98.0	96.5	95.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.8	97.8	96.9	94.6	93.5	97.3	93.3	97.3	93.3	90.6	91.1	92.2	95.0	92.9	92.1	90.3

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	95	-3%	-2%
5	93	-5%	0%
6	97	0%	1%
7	93	-3%	3%
8	97	0%	2%
9	93	0%	5%
10	91	1%	6%
11	91	3%	5%
12	92	5%	0%
13	95	1%	-3%
14	93	3%	-4%
15	92	0%	-2%
16	90	2%	-8%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW(2)

Linear Fixtures Color Data

OP2SW-5.0-30-DRY-90D

3094 K

CRI: 98.3

CRI R9: 94.6

TM30 Rf: 94.3

TM30 Rg: 100.6

CQS: 95.5

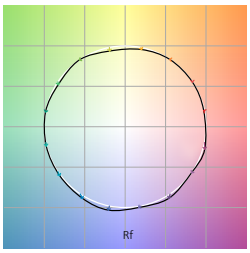
X: 0.430

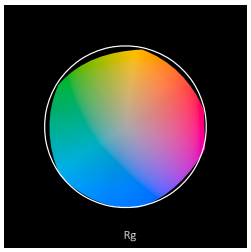
Y: 0.400

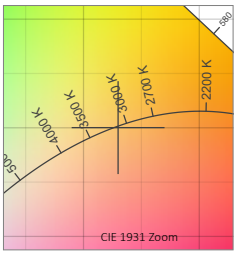
U: 0.248

V: 0.346

Δuv: -0.0006







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.6	99.6	96.8	99.1	98.8	97.4	98.3	97.7	94.6	98.6	96.8	83.4	98.7	97.2	98.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.5	96.8	92.2	92.6	95.4	98.1	95.9	97.3	97.4	97.4	98.0	98.2	98.3	96.4	95.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.0	97.8	96.9	95.1	93.7	97.4	93.6	97.8	93.9	91.0	91.2	92.2	95.1	92.9	92.4	90.2

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	95	-2%	-1%
5	94	-4%	1%
6	97	0%	1%
7	94	-2%	3%
8	98	0%	1%
9	94	0%	4%
10	91	1%	5%
11	91	3%	6%
12	92	5%	0%
13	95	1%	-3%
14	93	4%	-4%
15	92	0%	-2%
16	90	2%	-8%

OP2SW-5.0-30-DRY-110D

3122 K

CRI: 98.2

CRI R9: 95.2

TM30 Rf: 94.2

TM30 Rg: 100.6

CQS: 95.4

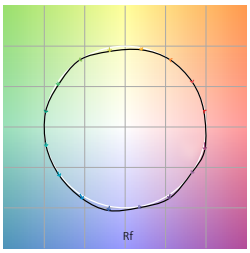
X: 0.428

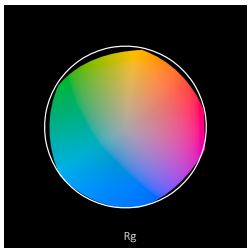
Y: 0.399

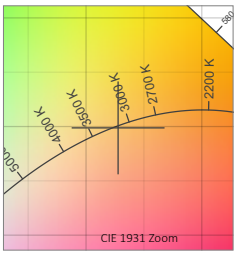
U: 0.247

V: 0.345

Δuv: -0.0008







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.3	99.5	97.1	99.0	98.6	97.1	98.2	97.8	95.2	99.0	96.6	82.9	98.5	97.3	98.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.4	96.8	92.0	92.5	95.3	98.2	95.9	97.3	97.5	97.4	98.0	98.4	98.5	96.4	95.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.9	97.7	96.8	94.9	93.6	97.3	93.4	97.7	93.6	90.7	90.9	92.0	95.0	92.7	92.2	90.0

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	95	-2%	-1%
5	94	-5%	0%
6	97	0%	1%
7	93	-2%	3%
8	98	0%	1%
9	94	0%	5%
10	91	1%	6%
11	91	3%	6%
12	92	5%	0%
13	95	1%	-3%
14	93	4%	-4%
15	92	0%	-2%
16	90	2%	-8%

OP2SW-5.0-30-DRY-155D

3126 K

CRI: 98.3

CRI R9: 94.9

TM30 Rf: 94.3

TM30 Rg: 100.8

CQS: 95.4

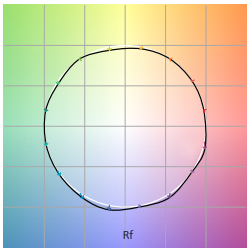
X: 0.427

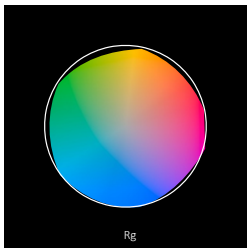
Y: 0.398

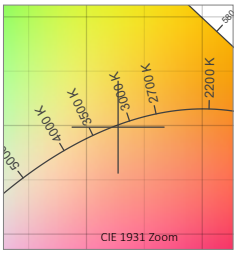
U: 0.247

V: 0.345

Δuv: -0.0009







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.5	99.6	96.7	99.1	98.8	97.3	98.4	97.9	94.9	98.3	96.8	82.9	98.7	97.1	98.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.8	97.0	91.7	92.2	95.4	98.1	95.5	97.1	97.3	97.1	97.7	98.5	98.5	96.4	95.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.1	97.8	96.8	95.3	93.7	97.3	93.6	98.1	94.0	90.9	90.9	92.2	95.3	92.9	92.5	90.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	1%
4	95	-2%	-1%
5	94	-4%	1%
6	97	0%	1%
7	94	-2%	3%
8	98	0%	1%
9	94	0%	4%
10	91	1%	5%
11	91	3%	6%
12	92	5%	0%
13	95	1%	-3%
14	93	4%	-4%
15	92	0%	-2%
16	90	2%	-8%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW(2)

Linear Fixtures Color Data

OP2SW-5.0-30-DRY-180D

3132 K

CRI: 98.3

CRI R9: 95.1

TM30 Rf: 94.2

TM30 Rg: 100.5

CQS: 95.5

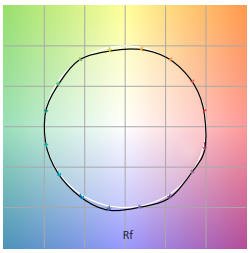
X: 0.427

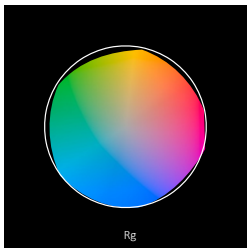
Y: 0.399

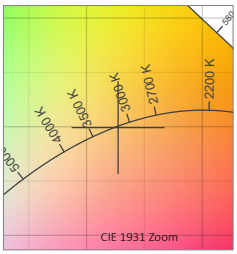
U: 0.246

V: 0.345

Δuv: -0.0006







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.5	99.7	96.8	99.2	98.7	97.4	98.4	97.9	95.1	98.5	97.0	82.9	98.7	97.2	98.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.4	96.9	92.1	92.4	95.2	98.0	96.0	97.4	97.4	97.4	98.0	98.3	98.3	96.5	95.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.0	97.8	96.9	94.9	93.6	97.3	93.5	97.8	93.7	90.7	90.9	92.2	95.2	92.9	92.3	90.2

TM30

Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	95	-2%	-1%
5	94	-5%	1%
6	97	0%	1%
7	94	-2%	3%
8	98	0%	1%
9	94	0%	4%
10	91	1%	6%
11	91	3%	6%
12	92	5%	0%
13	95	1%	-3%
14	93	4%	-4%
15	92	0%	-2%
16	90	2%	-8%

OP2SW-5.0-30-DRY-ASYM

3114 K

CRI: 98.3

CRI R9: 94.6

TM30 Rf: 94.2

TM30 Rg: 100.5

CQS: 95.4

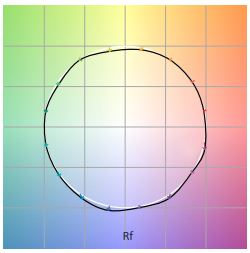
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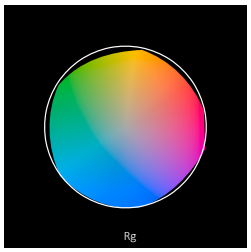
Y: 0.400

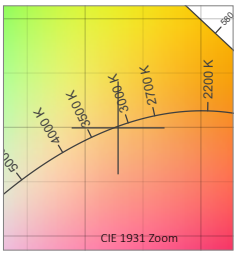
U: 0.247

V: 0.346

Δuv: -0.0006







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.6	99.6	97.0	99.3	98.7	97.3	98.2	97.6	94.6	98.5	97.1	83.0	98.7	97.3	98.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.3	96.8	92.1	92.4	95.1	97.9	96.0	97.3	97.4	97.4	97.9	98.4	98.4	96.4	95.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.9	97.8	96.9	94.9	93.6	97.3	93.5	97.7	93.6	90.6	91.0	92.2	95.1	92.9	92.3	90.2

TM30

Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	95	-2%	-1%
5	94	-5%	1%
6	97	0%	1%
7	94	-2%	3%
8	98	0%	1%
9	94	0%	5%
10	91	1%	6%
11	91	3%	6%
12	92	5%	0%
13	95	1%	-3%
14	93	4%	-4%
15	92	0%	-2%
16	90	2%	-8%

OP2SW-5.0-30-DRY-FT

3077 K

CRI: 98.3

CRI R9: 96.8

TM30 Rf: 94.1

TM30 Rg: 100.4

CQS: 95.5

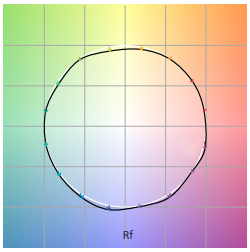
X: 0.432

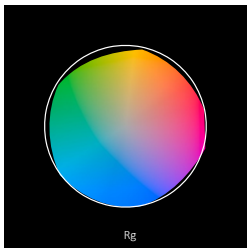
Y: 0.402

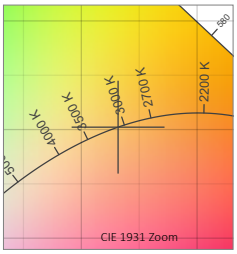
U: 0.248

V: 0.347

Δuv: -0.0001







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.3	99.7	96.5	98.7	98.6	97.6	98.7	98.4	96.8	98.5	96.7	83.0	98.5	97.0	98.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.0	96.7	92.6	92.8	95.3	97.7	96.6	97.9	97.2	97.7	98.3	97.4	97.5	96.7	95.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.0	97.8	96.9	94.5	93.4	97.2	93.1	97.3	93.3	90.6	91.1	92.3	95.3	93.2	92.2	90.3

TM30

Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	-1%
3	97	0%	0%
4	95	-3%	-2%
5	93	-5%	0%
6	97	0%	1%
7	93	-3%	4%
8	97	0%	2%
9	93	0%	5%
10	91	1%	6%
11	91	3%	5%
12	92	5%	0%
13	95	1%	-3%
14	93	4%	-4%
15	92	0%	-1%
16	90	2%	-8%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW-HE(2)

Linear Fixtures Color Data

1.5HE W/FT

OP2SW-1.5HE-30-DRY-40D

3081 K

CRI: 97.6

CRI R9: 95.7

TM30 Rf: 92.7

TM30 Rg: 99.1

CQS: 94.6

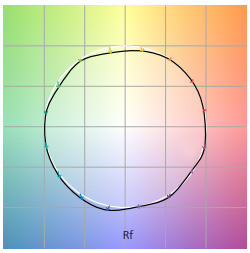
X: 0.431

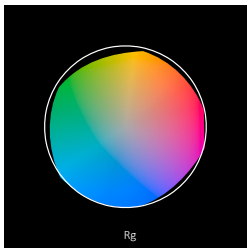
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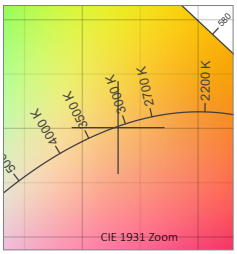
U: 0.248

V: 0.346

Δuv: -0.0005







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.9	98.7	98.1	98.3	97.6	96.6	96.7	96.8	95.7	99.4	98.2	81.1	97.9	97.8	97.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.4	95.6	93.1	91.8	92.8	94.6	97.6	97.7	97.5	97.9	98.4	97.8	98.1	95.8	94.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.3	97.0	96.5	92.1	92.0	96.2	89.3	95.3	90.6	87.8	90.4	91.7	93.9	92.8	91.0	90.5

TM30

Hue Bin	R_f	Chroma	Hue
1	94	-1%	2%
2	97	0%	-1%
3	97	0%	-1%
4	92	-4%	-3%
5	92	-7%	0%
6	96	-2%	1%
7	89	-5%	5%
8	95	-1%	3%
9	91	0%	7%
10	88	2%	7%
11	90	4%	5%
12	92	5%	-1%
13	94	0%	-4%
14	93	3%	-4%
15	91	-1%	-1%
16	90	1%	-7%

OP2SW-1.5HE-30-DRY-60D

3094 K

CRI: 97.8

CRI R9: 96.4

TM30 Rf: 93.6

TM30 Rg: 99.6

CQS: 95.2

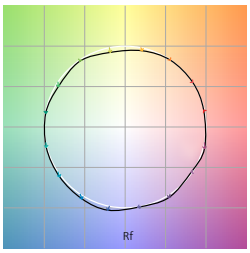
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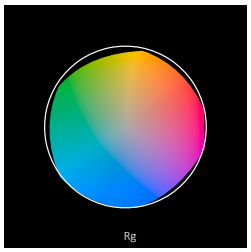
Y: 0.400

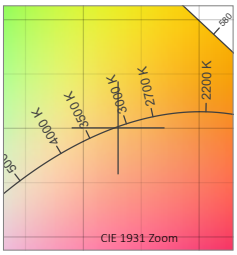
U: 0.248

V: 0.346

Δuv: -0.0005







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.9	98.8	97.8	98.7	97.9	96.8	97.4	97.4	96.4	99.6	97.5	82.5	97.9	97.7	97.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.6	96.1	93.2	92.6	94.0	96.0	97.4	97.9	97.7	98.2	98.3	97.6	97.9	96.1	94.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.2	97.4	96.7	93.3	93.0	96.9	91.2	96.3	92.1	89.6	91.3	92.2	94.5	93.3	91.8	91.1

TM30

Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	-1%
3	97	0%	-1%
4	93	-3%	-3%
5	93	-6%	0%
6	97	-1%	1%
7	91	-4%	4%
8	96	0%	2%
9	92	1%	6%
10	90	2%	6%
11	91	4%	5%
12	92	5%	-1%
13	94	0%	-4%
14	93	3%	-4%
15	92	-1%	-1%
16	91	1%	-7%

OP2SW-1.5HE-30-DRY-70D

3077 K

CRI: 97.9

CRI R9: 96.4

TM30 Rf: 93.4

TM30 Rg: 99.7

CQS: 95.1

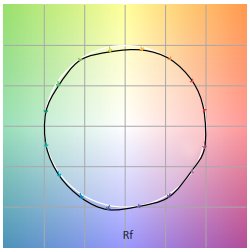
X: 0.431

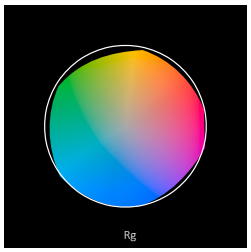
Y: 0.400

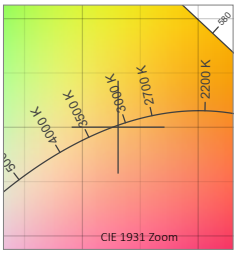
U: 0.248

V: 0.346

Δuv: -0.0007







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.9	98.8	98.1	98.8	97.9	96.7	97.3	97.4	96.4	99.4	97.5	82.3	98.0	97.8	97.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.6	96.2	93.0	92.4	93.9	96.0	97.1	97.6	97.8	98.2	98.5	98.0	98.2	96.0	94.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.0	97.3	96.7	93.2	92.8	96.9	91.0	96.2	91.8	89.2	90.9	91.9	94.5	93.0	91.6	90.7

TM30

Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	0%
3	97	0%	-1%
4	93	-3%	-3%
5	93	-6%	0%
6	97	-1%	1%
7	91	-4%	4%
8	96	0%	2%
9	92	1%	6%
10	89	2%	6%
11	91	4%	5%
12	92	5%	-1%
13	94	1%	-4%
14	93	3%	-4%
15	92	-1%	-1%
16	91	2%	-7%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW-HE(2)

Linear Fixtures Color Data

OP2SW-1.5HE-30-DRY-90D

3061 K

CRI: 97.9

CRI R9: 96.5

TM30 Rf: 93.5

TM30 Rg: 99.6

CQS: 95.1

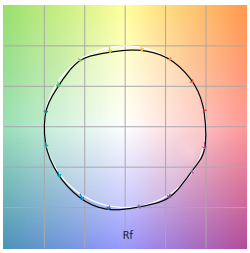
X: 0.432

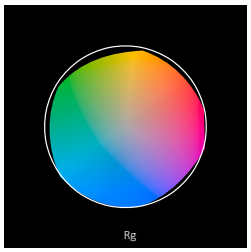
Y: 0.402

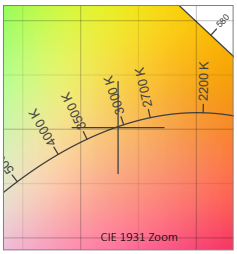
U: 0.249

V: 0.346

Δuv: -0.0004







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.0	99.0	97.5	98.7	98.0	97.0	97.6	97.6	96.5	99.9	97.2	81.9	98.0	97.5	97.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.5	96.2	92.8	92.4	94.0	96.2	97.0	97.7	97.5	98.1	98.3	97.5	97.8	96.1	94.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.1	97.4	96.6	93.3	92.8	96.9	91.2	96.4	92.0	89.3	90.3	92.6	94.6	93.1	91.6	90.8

TM30

Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	-1%
3	97	0%	-1%
4	93	-3%	-2%
5	93	-6%	0%
6	97	-1%	1%
7	91	-4%	4%
8	96	0%	2%
9	92	1%	6%
10	89	2%	6%
11	90	4%	6%
12	93	4%	0%
13	95	1%	-4%
14	93	3%	-4%
15	92	-1%	-1%
16	91	2%	-7%

OP2SW-1.5HE-30-DRY-110D

3132 K

CRI: 97.8

CRI R9: 97.9

TM30 Rf: 93.2

TM30 Rg: 99.7

CQS: 94.9

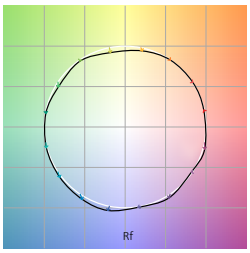
X: 0.427

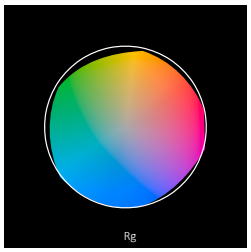
Y: 0.398

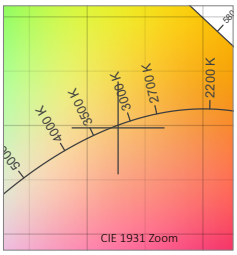
U: 0.247

V: 0.345

Δuv: -0.0010







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.7	98.6	98.0	98.7	97.7	96.5	97.3	97.6	97.9	99.2	97.7	81.2	97.7	97.8	97.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.5	96.3	92.6	91.8	93.4	95.8	96.9	97.5	97.6	98.1	98.3	98.2	98.3	95.9	94.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.8	97.1	96.6	92.9	92.5	96.8	90.6	96.2	91.3	88.4	90.4	91.9	94.6	93.0	91.5	90.6

TM30

Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	0%
3	97	0%	-1%
4	93	-4%	-3%
5	93	-6%	0%
6	97	-1%	1%
7	91	-4%	5%
8	96	-1%	2%
9	91	1%	6%
10	88	2%	7%
11	90	4%	6%
12	92	5%	-1%
13	95	1%	-4%
14	93	3%	-4%
15	91	-1%	-1%
16	91	2%	-7%

OP2SW-1.5HE-30-DRY-155D

3109 K

CRI: 97.6

CRI R9: 97.3

TM30 Rf: 92.7

TM30 Rg: 99.2

CQS: 94.7

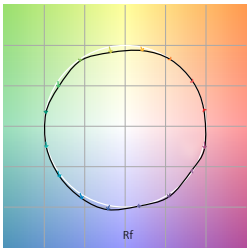
X: 0.429

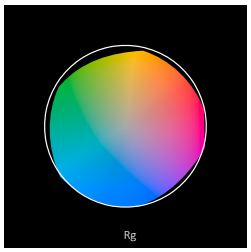
Y: 0.400

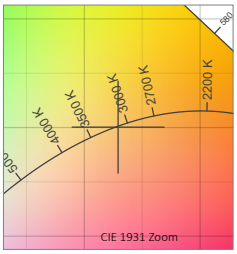
U: 0.247

V: 0.346

Δuv: -0.0004







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.6	98.6	97.9	98.2	97.5	96.6	97.0	97.2	97.3	99.3	97.8	80.9	97.6	97.7	97.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.5	95.7	93.2	92.0	93.1	94.8	97.9	98.0	97.3	97.7	98.2	97.4	97.7	96.0	94.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.5	96.9	96.3	92.0	91.9	96.2	89.2	95.3	90.7	87.9	90.5	91.8	94.2	93.0	91.0	90.5

TM30

Hue Bin	R_f	Chroma	Hue
1	94	-1%	2%
2	97	0%	-1%
3	96	0%	-1%
4	92	-4%	-3%
5	92	-7%	0%
6	96	-2%	2%
7	89	-4%	5%
8	95	-1%	3%
9	91	1%	7%
10	88	2%	7%
11	90	4%	5%
12	92	5%	-1%
13	94	0%	-4%
14	93	3%	-4%
15	91	-1%	-1%
16	91	2%	-7%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW-HE(2)

Linear Fixtures Color Data

OP2SW-1.5HE-30-DRY-180D

3124 K

CRI: 97.5

CRI R9: 97.5

TM30 Rf: 92.3

TM30 Rg: 99.2

CQS: 94.6

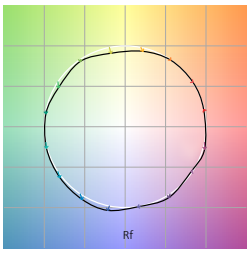
X: 0.428

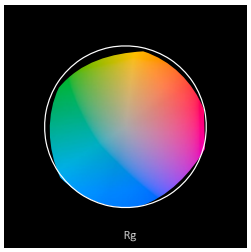
Y: 0.399

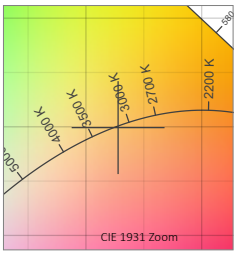
U: 0.247

V: 0.345

Δuv: -0.0006







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.5	98.4	98.2	98.2	97.4	96.3	96.8	97.1	97.5	98.8	97.8	80.0	97.5	97.9	97.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.2	95.7	92.9	91.7	92.8	94.7	97.8	97.9	97.5	98.0	98.3	97.6	97.9	95.9	93.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.2	96.8	96.1	91.6	91.5	96.0	88.6	95.0	90.1	87.3	89.9	91.4	94.0	92.5	90.6	89.9

TM30			
Hue Bin	R_f	Chroma	Hue
1	94	-1%	2%
2	97	0%	-1%
3	96	0%	-1%
4	92	-4%	-3%
5	91	-7%	-1%
6	96	-2%	1%
7	89	-5%	6%
8	95	-1%	3%
9	90	1%	7%
10	87	2%	8%
11	90	4%	6%
12	91	6%	-1%
13	94	0%	-4%
14	93	3%	-4%
15	91	-1%	-1%
16	90	2%	-8%

OP2SW-1.5HE-30-DRY-ASYM

3098 K

CRI: 97.9

CRI R9: 97.1

TM30 Rf: 93.3

TM30 Rg: 99.6

CQS: 95.1

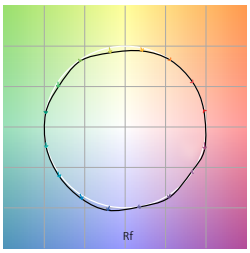
X: 0.430

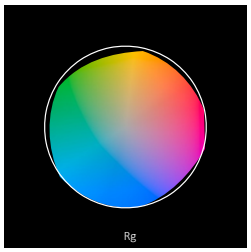
Y: 0.401

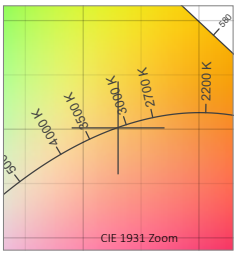
U: 0.247

V: 0.346

Δuv: -0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	99.0	97.6	98.5	97.9	96.9	97.5	97.6	97.1	99.7	97.0	81.6	97.9	97.6	97.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.3	96.1	93.1	92.7	94.1	96.0	97.5	98.1	97.4	97.6	98.0	97.3	97.6	96.2	94.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.1	97.3	96.4	92.9	92.6	96.7	90.6	96.0	91.8	89.2	91.0	92.0	94.6	93.1	91.5	90.7

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	-1%
3	96	0%	-1%
4	93	-4%	-3%
5	93	-6%	0%
6	97	-1%	2%
7	91	-4%	5%
8	96	0%	3%
9	92	1%	6%
10	89	2%	6%
11	91	4%	5%
12	92	5%	-1%
13	95	0%	-4%
14	93	3%	-4%
15	92	-1%	-1%
16	91	2%	-7%

OP2SW-1.5HE-30-DRY-FT

3052 K

CRI: 97.8

CRI R9: 96.0

TM30 Rf: 92.9

TM30 Rg: 99.3

CQS: 94.9

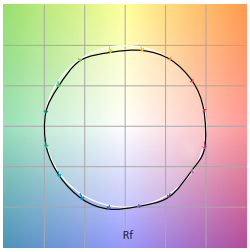
X: 0.433

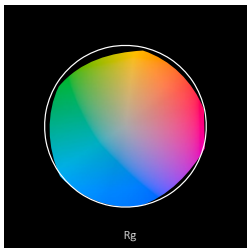
Y: 0.403

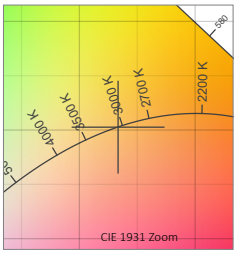
U: 0.249

V: 0.347

Δuv: -0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.0	99.0	97.7	98.5	97.9	96.9	97.3	97.3	96.0	99.7	97.3	81.4	98.0	97.6	97.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.9	95.9	93.1	92.4	93.7	95.6	97.6	98.0	97.2	97.3	97.9	97.3	97.6	96.1	94.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.7	97.2	96.3	92.5	92.2	96.4	89.9	95.6	91.2	88.5	89.9	92.4	94.3	92.7	91.0	90.2

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	-1%
3	96	0%	-1%
4	92	-4%	-3%
5	92	-7%	0%
6	96	-2%	2%
7	90	-4%	5%
8	96	0%	3%
9	91	1%	6%
10	89	2%	7%
11	90	4%	6%
12	92	4%	-1%
13	94	0%	-4%
14	93	3%	-4%
15	91	-1%	-1%
16	90	2%	-8%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW-HE(2)

Linear Fixtures Color Data

3.0HE W/FT

OP2SW-3.0HE-30-DRY-40D

3105 K

CRI: 97.8

CRI R9: 97.6

TM30 Rf: 93.0

TM30 Rg: 99.4

CQS: 95.0

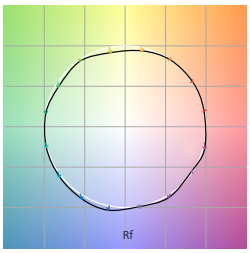
X: 0.429

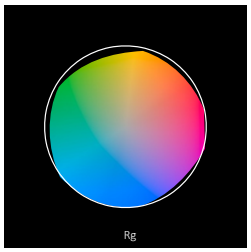
Y: 0.400

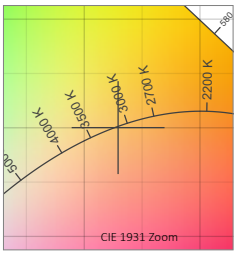
U: 0.247

V: 0.346

Δuv: -0.0005







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	98.7	98.0	98.4	97.7	96.7	97.2	97.5	97.6	99.3	97.5	81.6	97.8	97.8	97.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.1	96.1	93.2	92.3	93.5	95.4	97.6	97.9	97.6	98.0	98.2	97.6	97.9	96.1	94.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.8	97.1	96.4	92.5	92.3	96.5	90.0	95.7	91.1	88.5	90.6	91.9	94.5	93.0	91.3	90.5

TM30

Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	-1%
3	96	0%	-1%
4	93	-4%	-3%
5	92	-7%	0%
6	97	-2%	1%
7	90	-4%	5%
8	96	-1%	3%
9	91	1%	6%
10	89	2%	7%
11	91	4%	5%
12	92	5%	-1%
13	95	0%	-4%
14	93	3%	-4%
15	91	-1%	-1%
16	91	2%	-7%

OP2SW-3.0HE-30-DRY-60D

3094 K

CRI: 97.6

CRI R9: 98.4

TM30 Rf: 92.7

TM30 Rg: 99.1

CQS: 94.8

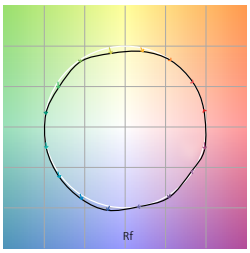
X: 0.430

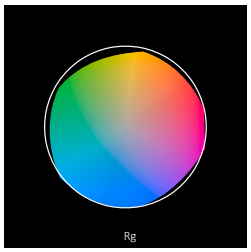
Y: 0.401

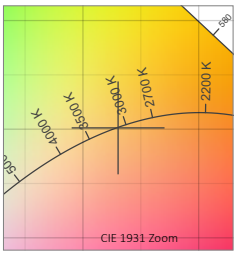
U: 0.248

V: 0.346

Δuv: -0.0003







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.5	98.5	98.1	98.0	97.4	96.6	97.0	97.4	98.4	98.8	97.5	81.6	97.5	97.8	97.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.4	95.6	93.7	92.6	93.3	94.7	98.4	98.3	96.9	97.0	97.7	97.1	97.4	96.1	94.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.5	96.9	96.1	91.7	91.7	95.9	88.8	94.9	90.6	88.2	90.7	91.9	94.3	93.1	91.1	90.6

TM30

Hue Bin	R_f	Chroma	Hue
1	95	0%	2%
2	97	0%	-1%
3	96	0%	-1%
4	92	-4%	-3%
5	92	-7%	-1%
6	96	-2%	2%
7	89	-5%	6%
8	95	-1%	3%
9	91	1%	7%
10	88	2%	7%
11	91	4%	5%
12	92	5%	-1%
13	94	0%	-4%
14	93	3%	-4%
15	91	-1%	-1%
16	91	2%	-7%

OP2SW-3.0HE-30-DRY-70D

3085 K

CRI: 97.7

CRI R9: 98.2

TM30 Rf: 93.0

TM30 Rg: 99.4

CQS: 95.0

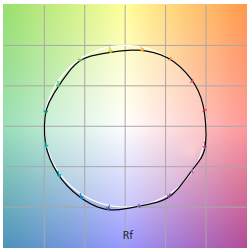
X: 0.431

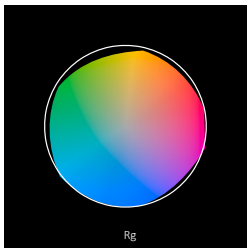
Y: 0.401

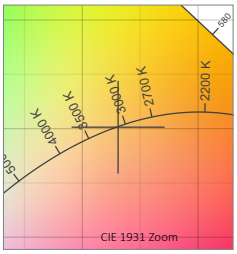
U: 0.248

V: 0.346

Δuv: -0.0003







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.5	98.7	97.7	98.2	97.6	96.8	97.4	97.6	98.2	99.3	97.1	81.6	97.6	97.6	97.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.9	96.0	93.3	92.6	93.7	95.4	97.8	98.2	97.2	97.5	97.9	97.1	97.4	96.2	94.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.8	97.0	96.2	92.3	92.1	96.4	89.7	95.6	91.1	88.6	90.7	91.9	94.6	93.1	91.3	90.6

TM30

Hue Bin	R_f	Chroma	Hue
1	95	0%	1%
2	97	0%	-1%
3	96	0%	-1%
4	92	-4%	-3%
5	92	-7%	0%
6	96	-2%	2%
7	90	-4%	5%
8	96	0%	3%
9	91	1%	6%
10	89	2%	7%
11	91	4%	5%
12	92	5%	-1%
13	95	0%	-4%
14	93	3%	-4%
15	91	-1%	-1%
16	91	2%	-7%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW-HE(2)

Linear Fixtures Color Data

OP2SW-3.0HE-30-DRY-90D

3079 K

CRI: 97.7

CRI R9: 97.4

TM30 Rf: 92.7

TM30 Rg: 99.2

CQS: 94.8

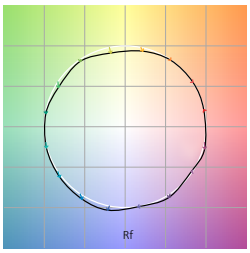
X: 0.431

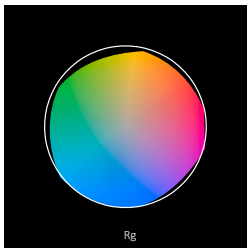
Y: 0.402

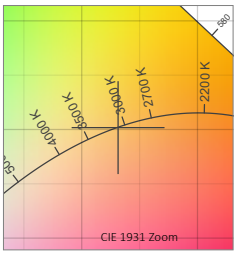
U: 0.248

V: 0.346

Δuv: -0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	98.8	97.8	98.3	97.7	96.8	97.2	97.4	97.4	99.5	97.7	81.3	97.8	97.7	97.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.6	95.8	93.2	92.2	93.3	95.0	97.9	98.1	97.1	97.3	98.0	97.3	97.6	96.1	94.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.6	97.0	96.3	92.1	91.9	96.1	89.2	95.2	90.7	88.0	90.4	91.8	94.3	92.9	91.0	90.3

TM30

Hue Bin	R_f	Chroma	Hue
1	95	-1%	2%
2	97	0%	-1%
3	96	0%	-1%
4	92	-4%	-3%
5	92	-7%	0%
6	96	-2%	2%
7	89	-4%	5%
8	95	-1%	3%
9	91	1%	7%
10	88	2%	7%
11	90	4%	5%
12	92	5%	-1%
13	94	0%	-4%
14	93	3%	-4%
15	91	-1%	-1%
16	90	2%	-8%

OP2SW-3.0HE-30-DRY-110D

3119 K

CRI: 97.7

CRI R9: 97.9

TM30 Rf: 92.7

TM30 Rg: 99.4

CQS: 94.8

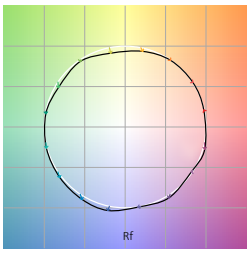
X: 0.428

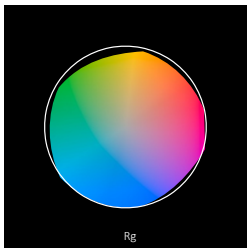
Y: 0.400

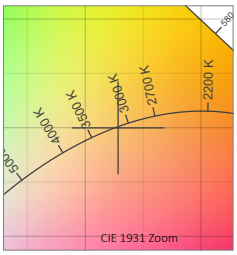
U: 0.247

V: 0.346

Δuv: -0.0005







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.7	98.7	97.9	98.3	97.6	96.7	97.2	97.5	97.9	99.3	97.6	80.8	97.7	97.8	97.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.8	96.0	93.0	92.0	93.3	95.2	97.7	98.0	97.5	98.0	98.2	97.5	97.8	96.1	94.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.6	97.0	96.3	92.1	91.9	96.3	89.4	95.4	90.7	87.9	90.2	91.8	94.5	92.9	91.0	90.2

TM30

Hue Bin	R_f	Chroma	Hue
1	95	-1%	2%
2	97	0%	-1%
3	96	0%	-1%
4	92	-4%	-3%
5	92	-7%	0%
6	96	-2%	1%
7	89	-4%	5%
8	95	-1%	3%
9	91	1%	7%
10	88	2%	7%
11	90	4%	6%
12	92	5%	-1%
13	94	0%	-4%
14	93	3%	-4%
15	91	-1%	-1%
16	90	2%	-8%

OP2SW-3.0HE-30-DRY-155D

3126 K

CRI: 97.8

CRI R9: 98.4

TM30 Rf: 93.3

TM30 Rg: 99.8

CQS: 95.1

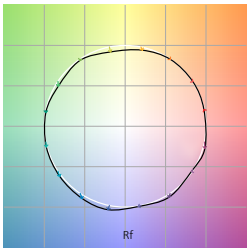
X: 0.427

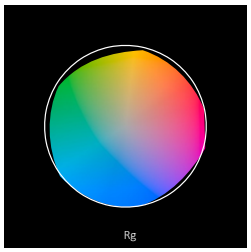
Y: 0.399

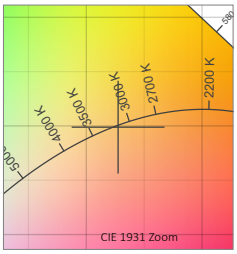
U: 0.247

V: 0.345

Δuv: -0.0007







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.6	98.7	97.7	98.6	97.7	96.8	97.6	97.8	98.4	99.4	97.4	81.7	97.7	97.7	97.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.6	96.4	92.9	92.2	93.8	96.0	97.2	97.8	97.6	98.2	98.5	97.8	97.9	96.2	94.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.0	97.2	96.5	92.9	92.6	96.9	90.7	96.1	91.5	88.8	90.6	92.0	94.8	93.2	91.6	90.6

TM30

Hue Bin	R_f	Chroma	Hue
1	95	0%	1%
2	97	0%	-1%
3	97	0%	-1%
4	93	-4%	-3%
5	93	-6%	0%
6	97	-1%	1%
7	91	-4%	5%
8	96	0%	3%
9	92	1%	6%
10	89	2%	7%
11	91	4%	6%
12	92	5%	-1%
13	95	0%	-4%
14	93	3%	-4%
15	92	-1%	-1%
16	91	2%	-7%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW-HE(2)

Linear Fixtures Color Data

OP2SW-3.0HE-30-DRY-180D

3103 K

CRI: 97.7

CRI R9: 97.3

TM30 Rf: 92.5

TM30 Rg: 99.2

CQS: 94.7

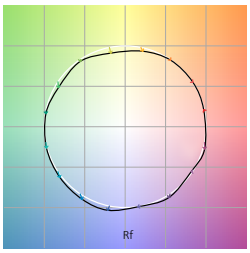
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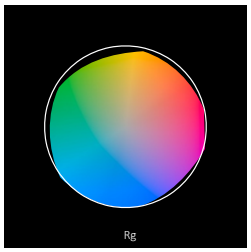
Y: 0.401

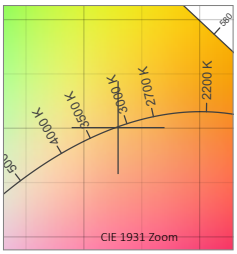
U: 0.247

V: 0.346

Δuv: -0.0004







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	98.7	98.1	98.3	97.6	96.7	97.0	97.3	97.3	99.3	97.9	80.6	97.8	97.8	97.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.5	95.8	93.0	91.9	93.0	94.8	97.9	98.0	97.3	97.6	98.2	97.5	97.8	96.1	94.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.4	96.9	96.3	91.9	91.7	96.1	89.0	95.1	90.4	87.7	90.1	91.6	94.3	92.7	90.8	90.1

TM30

Hue Bin	R_f	Chroma	Hue
1	94	-1%	2%
2	97	0%	-1%
3	96	0%	-1%
4	92	-4%	-3%
5	92	-7%	0%
6	96	-2%	1%
7	89	-5%	5%
8	95	-1%	3%
9	90	1%	7%
10	88	2%	7%
11	90	4%	6%
12	92	6%	-1%
13	94	0%	-4%
14	93	3%	-4%
15	91	-1%	-1%
16	90	2%	-8%

OP2SW-3.0HE-30-DRY-ASYM

3086 K

CRI: 97.7

CRI R9: 98.0

TM30 Rf: 92.8

TM30 Rg: 99.4

CQS: 94.9

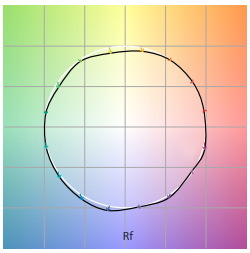
X: 0.431

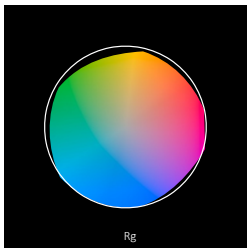
Y: 0.401

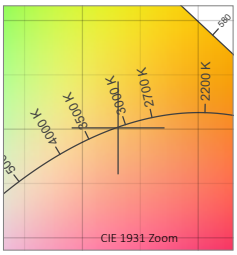
U: 0.248

V: 0.346

Δuv: -0.0003







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.6	98.7	97.8	98.3	97.6	96.7	97.3	97.6	98.0	99.4	97.3	81.2	97.7	97.6	97.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.8	95.9	93.1	92.3	93.5	95.3	97.7	98.1	97.3	97.6	98.0	97.3	97.5	96.1	94.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.7	97.0	96.2	92.2	92.0	96.3	89.5	95.4	90.8	88.2	90.4	91.8	94.4	92.9	91.1	90.4

TM30

Hue Bin	R_f	Chroma	Hue
1	95	0%	2%
2	97	0%	-1%
3	96	0%	-1%
4	92	-4%	-3%
5	92	-7%	0%
6	96	-2%	2%
7	89	-4%	5%
8	95	-1%	3%
9	91	1%	6%
10	88	2%	7%
11	90	4%	5%
12	92	5%	-1%
13	94	0%	-4%
14	93	3%	-4%
15	91	-1%	-1%
16	90	2%	-8%

OP2SW-3.0HE-30-DRY-FT

3504 K

CRI: 97.7

CRI R9: 94.3

TM30 Rf: 92.5

TM30 Rg: 99.2

CQS: 95.4

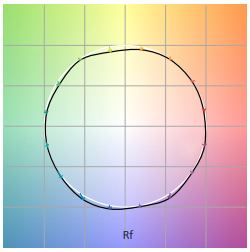
X: 0.406

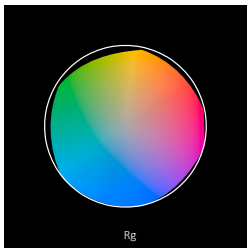
Y: 0.392

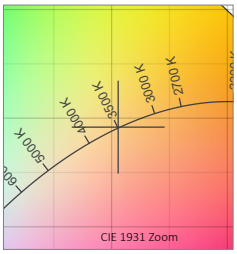
U: 0.236

V: 0.341

Δuv: 0.0004







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.0	99.2	96.2	98.3	97.2	96.6	98.0	97.1	94.3	95.8	98.5	75.6	99.5	97.0	97.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.9	98.2	91.0	90.2	93.4	96.1	97.4	98.4	98.3	98.3	98.6	99.5	99.8	98.1	96.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.5	97.1	96.2	93.0	91.5	96.9	92.3	94.6	91.1	86.8	87.5	92.1	95.4	92.2	90.9	90.4

TM30

Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	0%
3	96	-1%	0%
4	93	-3%	-2%
5	92	-6%	0%
6	97	-1%	1%
7	92	-4%	3%
8	95	-2%	3%
9	91	-1%	6%
10	87	1%	9%
11	87	4%	8%
12	92	4%	1%
13	95	1%	-2%
14	92	4%	-4%
15	91	1%	-3%
16	90	1%	-5%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW-HE(2)

Linear Fixtures Color Data

6.0HE W/FT

OP2SW-6.0HE-30-DRY-40D

3097 K

CRI: 98.1

CRI R9: 95.4

TM30 Rf: 93.3

TM30 Rg: 99.7

CQS: 95.1

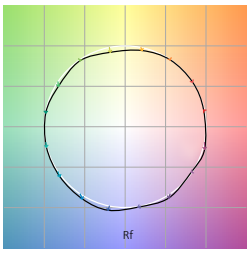
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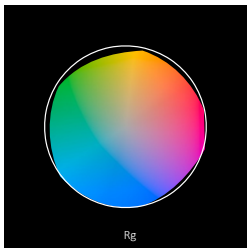
Y: 0.401

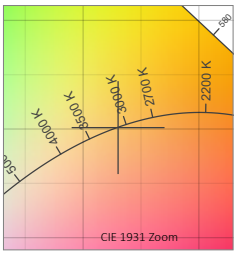
U: 0.247

V: 0.346

Δuv: -0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.3	99.4	97.4	99.0	98.2	97.2	97.7	97.4	95.4	99.2	97.6	81.6	98.4	97.5	98.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.7	96.4	92.6	92.2	94.1	96.3	97.1	97.8	97.5	97.9	98.5	97.7	97.9	96.3	94.8
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.1	97.4	96.7	93.3	92.7	97.0	91.2	96.3	91.8	89.0	90.5	91.8	94.6	92.6	91.4	90.0

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	-1%
3	97	0%	0%
4	93	-3%	-2%
5	93	-6%	0%
6	97	-1%	1%
7	91	-4%	4%
8	96	0%	2%
9	92	0%	6%
10	89	1%	7%
11	90	4%	6%
12	92	5%	-1%
13	95	1%	-4%
14	93	3%	-4%
15	91	-1%	-1%
16	90	2%	-8%

OP2SW-6.0HE-30-DRY-60D

3078 K

CRI: 98.1

CRI R9: 95.4

TM30 Rf: 93.7

TM30 Rg: 99.9

CQS: 95.2

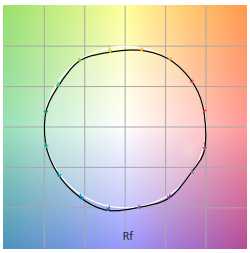
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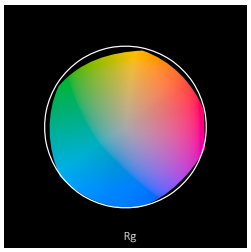
Y: 0.401

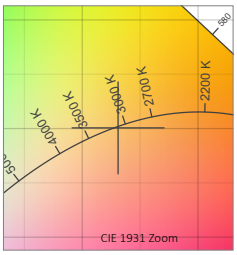
U: 0.248

V: 0.346

Δuv: -0.0006







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.2	99.2	97.4	99.1	98.3	97.1	97.7	97.5	95.4	99.5	97.4	82.6	98.3	97.5	98.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.2	96.4	92.6	92.3	94.3	96.7	96.7	97.5	97.5	97.8	98.3	98.0	98.1	96.2	94.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.3	97.5	96.8	93.8	93.1	97.1	92.0	96.8	92.4	89.6	90.9	92.0	94.7	92.8	91.8	90.4

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	0%
3	97	0%	0%
4	94	-3%	-2%
5	93	-6%	0%
6	97	-1%	1%
7	92	-3%	4%
8	97	0%	2%
9	92	0%	5%
10	90	1%	6%
11	91	3%	6%
12	92	5%	-1%
13	95	1%	-4%
14	93	3%	-4%
15	92	-1%	-1%
16	90	2%	-8%

OP2SW-6.0HE-30-DRY-70D

3064 K

CRI: 98.1

CRI R9: 95.2

TM30 Rf: 93.5

TM30 Rg: 99.8

CQS: 95.2

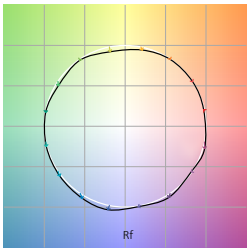
X: 0.433

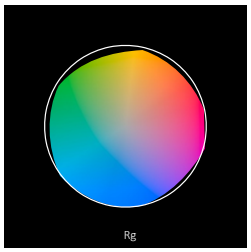
Y: 0.402

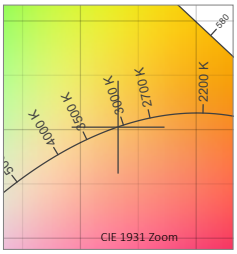
U: 0.249

V: 0.347

Δuv: -0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.3	99.4	97.3	98.9	98.3	97.2	97.7	97.4	95.2	99.3	97.2	82.0	98.4	97.4	98.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.8	96.3	92.7	92.4	94.3	96.5	97.0	97.8	97.5	97.8	98.3	97.5	97.8	96.3	94.8
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.2	97.5	96.6	93.5	92.8	97.0	91.5	96.4	92.1	89.4	90.7	91.8	94.6	92.7	91.5	90.2

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	-1%
3	97	0%	0%
4	94	-3%	-2%
5	93	-6%	0%
6	97	-1%	1%
7	91	-3%	4%
8	96	0%	2%
9	92	0%	6%
10	89	1%	6%
11	91	4%	6%
12	92	5%	-1%
13	95	1%	-4%
14	93	3%	-4%
15	91	-1%	-1%
16	90	2%	-8%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW-HE(2)

Linear Fixtures Color Data

OP2SW-6.0HE-30-DRY-90D

3084 K

CRI: 98.2

CRI R9: 95.7

TM30 Rf: 93.6

TM30 Rg: 100.0

CQS: 95.3

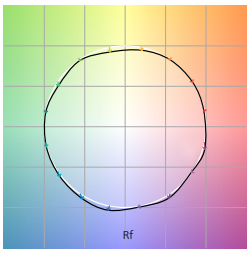
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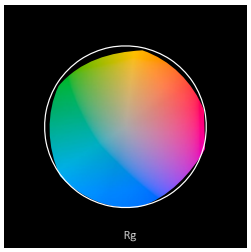
Y: 0.402

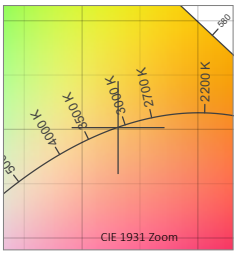
U: 0.248

V: 0.346

Δuv: -0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.3	99.5	97.1	99.0	98.4	97.3	98.0	97.7	95.7	99.0	97.3	82.1	98.5	97.3	98.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.2	96.5	92.5	92.4	94.5	96.9	96.8	97.7	97.4	97.9	98.5	97.7	97.9	96.4	95.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.4	97.6	96.8	93.8	93.0	97.1	92.0	96.7	92.4	89.6	90.7	92.0	94.9	92.8	91.7	90.2

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	98	0%	-1%
3	97	0%	0%
4	94	-3%	-2%
5	93	-6%	0%
6	97	-1%	1%
7	92	-3%	4%
8	97	0%	2%
9	92	0%	5%
10	90	1%	6%
11	91	3%	6%
12	92	5%	0%
13	95	1%	-3%
14	93	3%	-4%
15	92	-1%	-1%
16	90	2%	-8%

OP2SW-6.0HE-30-DRY-110D

3108 K

CRI: 98.0

CRI R9: 95.9

TM30 Rf: 93.4

TM30 Rg: 99.9

CQS: 95.1

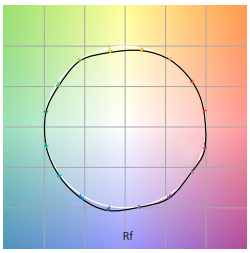
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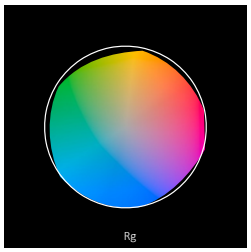
Y: 0.400

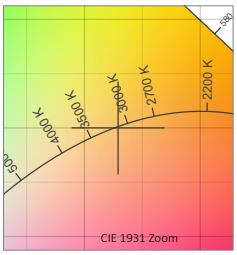
U: 0.247

V: 0.346

Δuv: -0.0005







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.1	99.2	97.4	99.0	98.1	97.0	97.7	97.5	95.9	99.5	97.4	81.6	98.2	97.5	98.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.9	96.5	92.4	92.1	94.1	96.5	96.8	97.6	97.5	97.9	98.4	97.9	98.1	96.2	94.8
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.1	97.4	96.7	93.5	92.8	97.0	91.5	96.5	92.0	89.0	90.4	91.8	94.7	92.7	91.5	90.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	0%
3	97	0%	0%
4	93	-3%	-2%
5	93	-6%	0%
6	97	-1%	1%
7	91	-4%	4%
8	97	0%	2%
9	92	0%	6%
10	89	1%	7%
11	90	4%	6%
12	92	5%	-1%
13	95	1%	-4%
14	93	3%	-4%
15	91	-1%	-1%
16	90	2%	-8%

OP2SW-6.0HE-30-DRY-155D

3114 K

CRI: 98.0

CRI R9: 95.9

TM30 Rf: 93.3

TM30 Rg: 99.8

CQS: 95.1

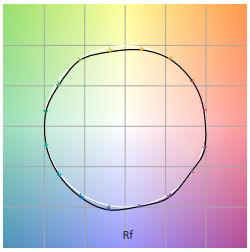
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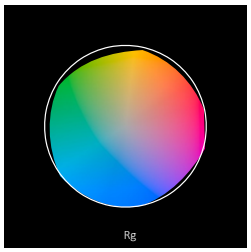
Y: 0.400

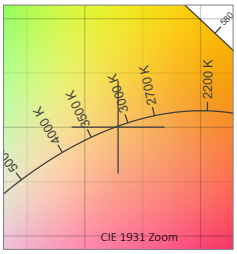
U: 0.247

V: 0.346

Δuv: -0.0004







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.2	99.2	97.4	98.9	98.1	97.1	97.7	97.5	95.9	99.5	97.5	81.6	98.3	97.5	97.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.8	96.4	92.5	92.1	94.0	96.4	97.0	97.7	97.5	98.0	98.5	97.9	98.1	96.3	94.8
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.1	97.4	96.7	93.4	92.7	97.0	91.3	96.4	91.8	89.0	90.5	91.9	94.7	92.7	91.5	90.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	-1%
3	97	0%	0%
4	93	-3%	-2%
5	93	-6%	0%
6	97	-1%	1%
7	91	-4%	4%
8	96	0%	2%
9	92	0%	6%
10	89	1%	7%
11	90	4%	6%
12	92	5%	-1%
13	95	1%	-4%
14	93	3%	-4%
15	91	-1%	-1%
16	90	2%	-8%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW-HE(2)

Linear Fixtures Color Data

OP2SW-6.0HE-30-DRY-180D

3111 K

CRI: 97.9

CRI R9: 96.1

TM30 Rf: 93.3

TM30 Rg: 99.9

CQS: 95.0

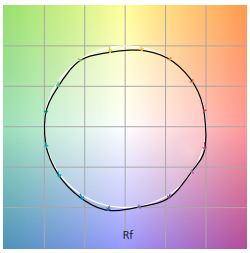
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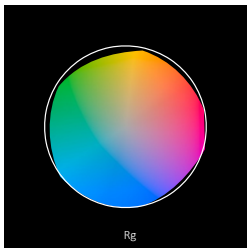
Y: 0.399

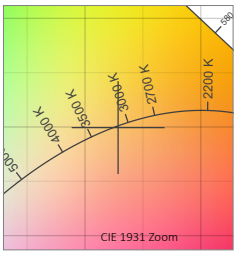
U: 0.247

V: 0.346

Δuv: -0.0007







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.0	99.0	97.6	99.0	98.0	96.8	97.5	97.5	96.1	99.8	97.4	81.4	98.1	97.6	97.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.8	96.4	92.4	91.9	93.9	96.4	96.8	97.5	97.6	97.9	98.4	98.0	98.2	96.1	94.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.0	97.3	96.6	93.3	92.6	97.0	91.2	96.4	91.7	88.8	90.3	91.7	94.6	92.6	91.3	90.0

TM30

Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	0%
3	97	0%	0%
4	93	-3%	-2%
5	93	-6%	0%
6	97	-1%	1%
7	91	-4%	4%
8	96	0%	2%
9	92	0%	6%
10	89	2%	7%
11	90	4%	6%
12	92	6%	-1%
13	95	1%	-4%
14	93	3%	-4%
15	91	-1%	-1%
16	90	2%	-8%

OP2SW-6.0HE-30-DRY-ASYM

3084 K

CRI: 98.2

CRI R9: 95.0

TM30 Rf: 93.6

TM30 Rg: 100.0

CQS: 95.2

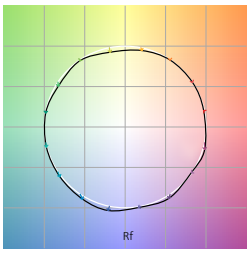
X: 0.431

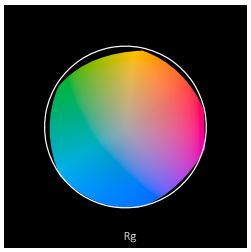
Y: 0.401

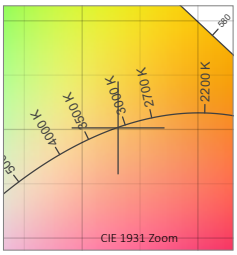
U: 0.248

V: 0.346

Δuv: -0.0003







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.5	99.5	97.1	99.2	98.4	97.3	97.9	97.5	95.0	98.8	97.4	82.0	98.6	97.3	98.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.2	96.5	92.4	92.2	94.4	96.9	96.6	97.6	97.4	97.8	98.4	97.8	98.0	96.4	95.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.3	97.5	96.8	93.8	92.9	97.1	92.1	96.8	92.4	89.5	90.6	91.9	94.8	92.7	91.6	90.0

TM30

Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	94	-3%	-2%
5	93	-6%	0%
6	97	-1%	1%
7	92	-3%	4%
8	97	0%	2%
9	92	0%	5%
10	89	1%	6%
11	91	3%	6%
12	92	5%	0%
13	95	1%	-3%
14	93	3%	-4%
15	92	-1%	-1%
16	90	2%	-8%

OP2SW-6.0HE-30-DRY-FT

3074 K

CRI: 98.3

CRI R9: 91.7

TM30 Rf: 93.9

TM30 Rg: 100.3

CQS: 95.1

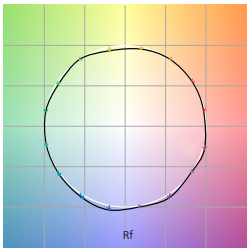
X: 0.431

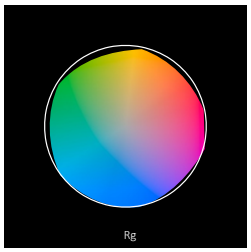
Y: 0.401

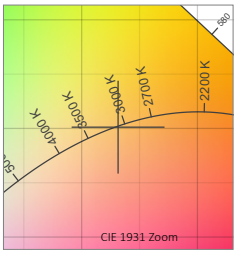
U: 0.248

V: 0.346

Δuv: -0.0004







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.1	99.8	96.9	99.9	98.7	97.4	97.8	96.5	91.7	97.6	97.6	82.0	99.4	97.3	98.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.0	96.7	91.5	91.7	94.7	97.3	95.6	96.9	97.4	97.1	97.6	98.3	98.3	96.0	95.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.5	97.5	96.5	94.8	93.3	97.3	93.3	97.7	93.3	90.0	90.4	91.8	94.8	92.3	91.9	89.7

TM30

Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	1%
4	95	-3%	-1%
5	93	-5%	1%
6	97	0%	1%
7	93	-3%	3%
8	98	0%	1%
9	93	0%	5%
10	90	1%	6%
11	90	3%	6%
12	92	5%	0%
13	95	1%	-3%
14	92	4%	-5%
15	92	0%	-2%
16	90	2%	-8%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW-HE(2)

Linear Fixtures Color Data

9.0HE W/FT

OP2SW-9.0HE-30-DRY-40D

3098 K

CRI: 97.7

CRI R9: 95.3

TM30 Rf: 92.7

TM30 Rg: 99.2

CQS: 94.8

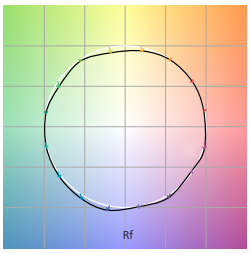
X: 0.430

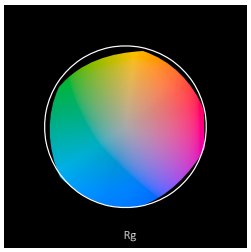
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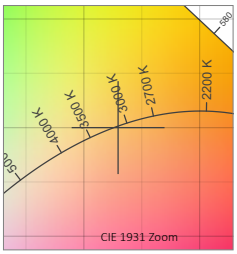
U: 0.248

V: 0.346

Δuv: -0.0006







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.0	98.7	98.4	98.4	97.7	96.5	96.7	96.8	95.3	99.2	98.2	81.7	98.0	98.0	97.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.8	95.8	93.2	92.0	93.1	94.9	97.7	97.7	97.7	98.2	98.5	97.9	98.3	95.9	94.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.4	97.0	96.5	92.4	92.1	96.3	89.6	95.3	90.7	88.1	90.5	91.6	93.9	92.5	90.9	90.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	94	-1%	2%
2	97	0%	0%
3	97	0%	-1%
4	92	-4%	-3%
5	92	-7%	0%
6	96	-2%	1%
7	90	-4%	5%
8	95	-1%	3%
9	91	0%	7%
10	88	2%	7%
11	90	4%	5%
12	92	6%	-1%
13	94	0%	-4%
14	92	3%	-5%
15	91	-1%	-1%
16	90	1%	-8%

OP2SW-9.0HE-30-DRY-60D

3091 K

CRI: 97.8

CRI R9: 94.8

TM30 Rf: 92.9

TM30 Rg: 99.2

CQS: 94.9

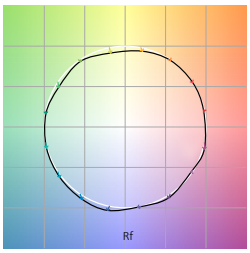
X: 0.430

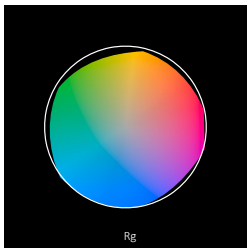
Y: 0.401

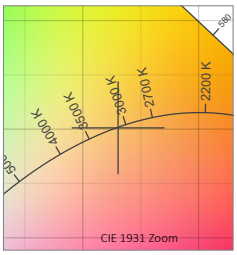
U: 0.248

V: 0.346

Δuv: -0.0003







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.2	98.9	98.1	98.5	97.9	96.9	96.9	96.8	94.8	99.7	98.2	81.8	98.2	97.8	97.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.9	95.9	93.2	92.1	93.3	95.1	97.8	97.8	97.5	97.7	98.3	97.7	98.1	96.1	94.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.5	97.1	96.6	92.5	92.2	96.3	89.8	95.4	90.9	88.3	90.6	91.7	94.1	92.6	91.0	90.2

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	-1%
3	97	0%	-1%
4	93	-4%	-3%
5	92	-7%	0%
6	96	-2%	1%
7	90	-4%	5%
8	95	-1%	3%
9	91	0%	6%
10	88	2%	7%
11	91	4%	5%
12	92	5%	-1%
13	94	0%	-4%
14	93	3%	-5%
15	91	-1%	-1%
16	90	1%	-8%

OP2SW-9.0HE-30-DRY-70D

3073 K

CRI: 97.8

CRI R9: 94.6

TM30 Rf: 92.9

TM30 Rg: 99.2

CQS: 94.9

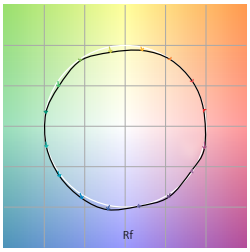
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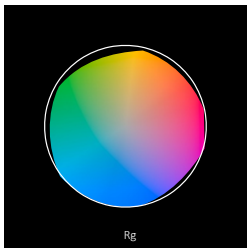
Y: 0.402

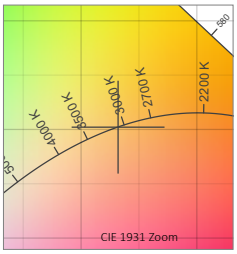
U: 0.248

V: 0.347

Δuv: -0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.3	99.0	98.0	98.5	98.0	97.0	97.0	96.8	94.6	99.7	98.1	81.9	98.3	97.8	97.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.9	95.8	93.3	92.3	93.4	95.2	97.8	97.9	97.3	97.3	98.2	97.6	97.9	96.1	94.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.6	97.2	96.5	92.5	92.2	96.3	89.8	95.4	91.0	88.4	90.6	91.7	94.1	92.5	91.0	90.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	-1%
3	97	0%	-1%
4	93	-4%	-3%
5	92	-7%	0%
6	96	-2%	1%
7	90	-4%	5%
8	95	-1%	3%
9	91	0%	6%
10	88	2%	7%
11	91	4%	5%
12	92	5%	-1%
13	94	0%	-4%
14	93	3%	-5%
15	91	-1%	-1%
16	90	1%	-8%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW-HE(2)

Linear Fixtures Color Data

OP2SW-9.0HE-30-DRY-90D

3095 K

CRI: 97.8

CRI R9: 95.7

TM30 Rf: 93.0

TM30 Rg: 99.3

CQS: 94.9

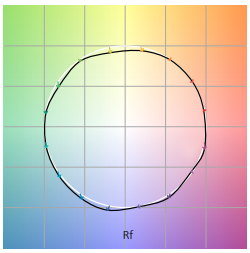
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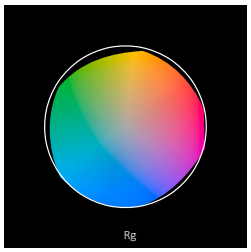
Y: 0.401

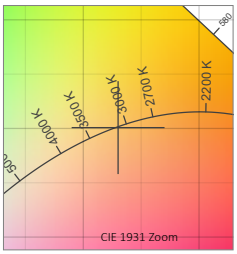
U: 0.248

V: 0.346

Δuv: -0.0004







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.1	98.9	98.0	98.5	97.9	96.8	97.1	97.1	95.7	99.6	97.9	81.9	98.1	97.8	97.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.1	96.0	93.2	92.2	93.5	95.3	97.7	97.9	97.6	97.9	98.3	97.7	98.0	96.1	94.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.7	97.1	96.5	92.6	92.3	96.5	90.0	95.6	91.1	88.5	90.6	91.8	94.2	92.7	91.1	90.3

TM30

Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	-1%
3	97	0%	-1%
4	93	-4%	-3%
5	92	-7%	0%
6	96	-2%	1%
7	90	-4%	5%
8	96	-1%	3%
9	91	0%	6%
10	88	2%	7%
11	91	4%	5%
12	92	5%	-1%
13	94	0%	-4%
14	93	3%	-4%
15	91	-1%	-1%
16	90	2%	-8%

OP2SW-9.0HE-30-DRY-110D

3114 K

CRI: 97.7

CRI R9: 96.4

TM30 Rf: 93.2

TM30 Rg: 99.6

CQS: 95.1

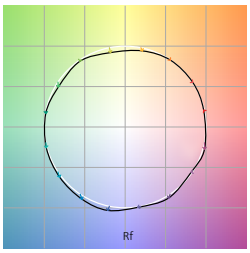
X: 0.428

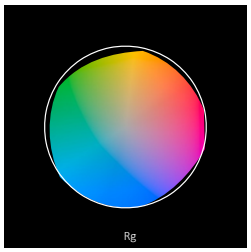
Y: 0.399

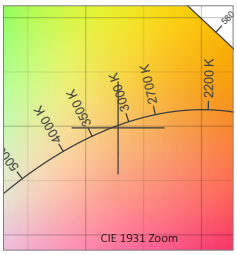
U: 0.247

V: 0.345

Δuv: -0.0010







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.7	98.5	98.3	98.7	97.7	96.3	97.1	97.3	96.4	98.9	97.5	82.3	97.7	98.0	97.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.5	96.2	93.1	92.3	93.7	95.8	97.3	97.6	97.8	98.3	98.5	98.1	98.3	95.9	94.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.8	97.2	96.6	93.0	92.7	96.8	90.6	96.0	91.4	88.8	90.8	91.8	94.3	92.8	91.3	90.4

TM30

Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	0%
3	97	0%	-1%
4	93	-4%	-3%
5	93	-6%	0%
6	97	-1%	1%
7	91	-4%	5%
8	96	0%	3%
9	91	1%	6%
10	89	2%	7%
11	91	4%	5%
12	92	5%	-1%
13	94	0%	-4%
14	93	3%	-4%
15	91	-1%	-1%
16	90	2%	-8%

OP2SW-9.0HE-30-DRY-155D

3116 K

CRI: 97.7

CRI R9: 96.0

TM30 Rf: 93.0

TM30 Rg: 99.6

CQS: 95.0

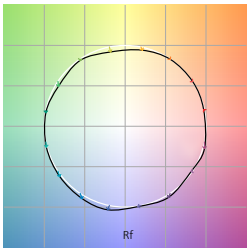
X: 0.428

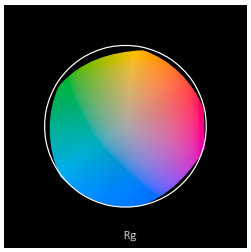
Y: 0.398

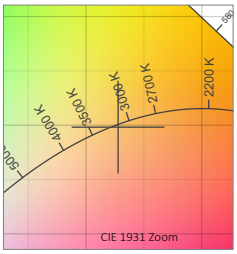
U: 0.247

V: 0.345

Δuv: -0.0010







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	98.5	98.3	98.7	97.7	96.3	97.0	97.1	96.0	99.0	97.8	82.0	97.7	98.0	97.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.4	96.2	92.9	92.0	93.5	95.6	97.2	97.5	97.8	98.2	98.4	98.2	98.4	95.9	94.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.7	97.1	96.6	92.9	92.6	96.8	90.4	96.0	91.2	88.5	90.5	91.7	94.2	92.6	91.2	90.2

TM30

Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	0%
3	97	0%	-1%
4	93	-4%	-3%
5	93	-6%	0%
6	97	-1%	1%
7	90	-4%	5%
8	96	-1%	3%
9	91	1%	6%
10	88	2%	7%
11	91	4%	5%
12	92	6%	-1%
13	94	1%	-4%
14	93	3%	-5%
15	91	-1%	-1%
16	90	2%	-8%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW-HE(2)

Linear Fixtures Color Data

OP2SW-9.0HE-30-DRY-180D

3116 K

CRI: 97.7

CRI R9: 96.1

TM30 Rf: 93.1

TM30 Rg: 99.6

CQS: 95.0

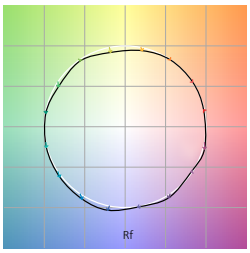
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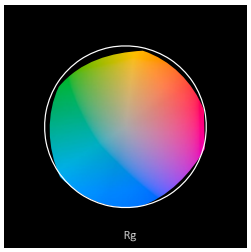
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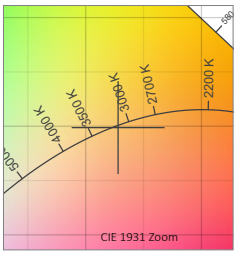
U: 0.247

V: 0.345

Δuv: -0.0009







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.9	98.6	98.3	98.7	97.8	96.4	97.1	97.2	96.1	99.2	97.7	81.9	97.8	97.9	97.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.4	96.2	93.0	92.1	93.5	95.6	97.3	97.6	97.9	98.3	98.5	98.1	98.4	96.0	94.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.7	97.1	96.6	92.9	92.5	96.7	90.4	95.9	91.2	88.6	90.5	91.7	94.2	92.6	91.2	90.2

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	0%
3	97	0%	-1%
4	93	-4%	-3%
5	93	-6%	0%
6	97	-1%	1%
7	90	-4%	5%
8	96	-1%	3%
9	91	1%	6%
10	89	2%	7%
11	91	4%	5%
12	92	5%	-1%
13	94	0%	-4%
14	93	3%	-4%
15	91	-1%	-1%
16	90	2%	-8%

OP2SW-9.0HE-30-DRY-ASYM

3088 K

CRI: 97.7

CRI R9: 94.9

TM30 Rf: 92.7

TM30 Rg: 99.1

CQS: 94.8

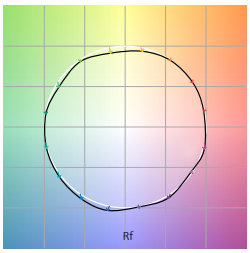
X: 0.431

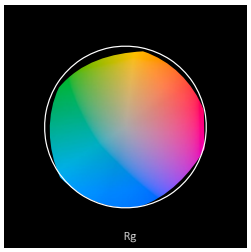
Y: 0.401

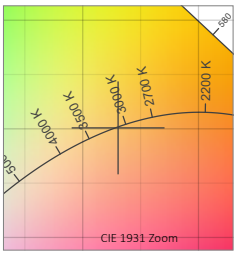
U: 0.248

V: 0.346

Δuv: -0.0004







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.1	98.7	98.3	98.4	97.8	96.6	96.8	96.7	94.9	99.4	98.1	81.9	98.0	98.0	97.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.8	95.7	93.3	92.1	93.2	94.8	97.9	97.8	97.5	97.8	98.3	97.7	98.1	96.0	94.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.4	97.0	96.5	92.3	92.1	96.2	89.4	95.2	90.7	88.1	90.6	91.6	93.9	92.5	90.9	90.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	94	-1%	2%
2	97	0%	-1%
3	97	0%	-1%
4	92	-4%	-3%
5	92	-7%	0%
6	96	-2%	1%
7	89	-4%	5%
8	95	-1%	3%
9	91	0%	7%
10	88	2%	7%
11	91	4%	5%
12	92	5%	-1%
13	94	0%	-4%
14	92	3%	-5%
15	91	-1%	-1%
16	90	1%	-8%

OP2SW-9.0HE-30-DRY-FT

3029 K

CRI: 98.3

CRI R9: 93.7

TM30 Rf: 93.9

TM30 Rg: 99.8

CQS: 95.3

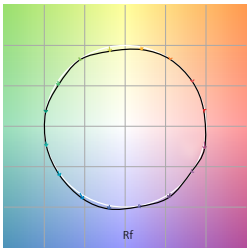
X: 0.435

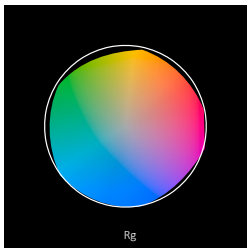
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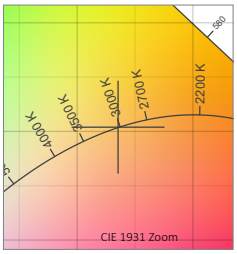
U: 0.250

V: 0.347

Δuv: 0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.8	99.9	96.9	99.3	98.6	97.6	98.1	97.3	93.7	98.1	97.4	82.9	99.0	97.2	98.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.4	96.4	92.6	92.5	94.7	97.0	96.7	97.7	97.3	97.5	98.0	97.6	97.8	96.4	95.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.5	97.7	96.9	94.2	93.3	97.2	92.7	97.0	93.0	90.1	90.6	92.6	94.8	92.8	91.9	90.3

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	94	-3%	-2%
5	93	-5%	0%
6	97	-1%	1%
7	93	-3%	4%
8	97	0%	2%
9	93	0%	5%
10	90	1%	6%
11	91	4%	6%
12	93	4%	0%
13	95	1%	-4%
14	93	3%	-4%
15	92	-1%	-2%
16	90	2%	-8%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW-HE+(2)

Linear Fixtures Color Data

3.0HE+ W/FT

OP2SW-3.0HE+-30-DRY-40D

2992 K

CRI: 92.0

CRI R9: 64.9

TM30 Rf: 90.7

TM30 Rg: 100.7

CQS: 89.8

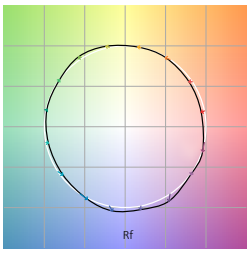
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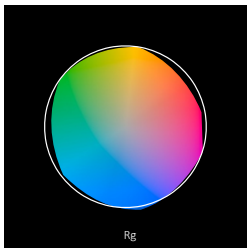
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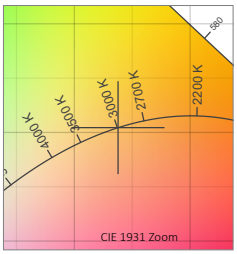
U: 0.251

V: 0.348

Δuv: 0.0001







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.3	94.2	94.3	92.6	91.2	91.8	94.0	85.4	64.9	85.2	92.5	74.4	92.6	96.0	89.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.3	97.2	84.8	85.6	89.6	89.3	88.2	91.6	96.5	91.8	91.5	91.8	92.3	88.2	88.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.6	92.2	87.7	91.6	93.5	93.7	93.0	96.1	94.0	88.4	85.0	87.8	93.1	88.8	92.7	85.5

TM30

Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	92	-3%	3%
3	88	-1%	6%
4	92	0%	4%
5	93	2%	4%
6	94	4%	-1%
7	93	0%	-3%
8	96	-1%	-2%
9	94	-3%	1%
10	88	-3%	7%
11	85	0%	11%
12	88	5%	5%
13	93	4%	-1%
14	89	7%	-6%
15	93	0%	-4%
16	86	0%	-12%

OP2SW-3.0HE+-30-DRY-60D

2992 K

CRI: 92.0

CRI R9: 64.9

TM30 Rf: 90.7

TM30 Rg: 100.7

CQS: 89.8

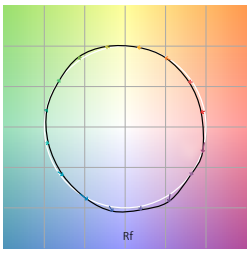
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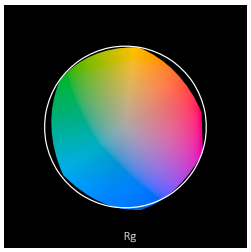
Y: 0.404

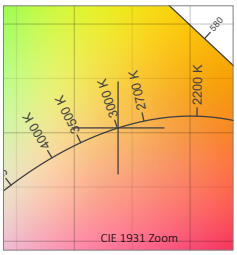
U: 0.251

V: 0.348

Δuv: 0.0001







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.3	94.2	94.3	92.6	91.2	91.8	94.0	85.4	64.9	85.2	92.5	74.4	92.6	96.0	89.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.3	97.2	84.8	85.6	89.6	89.3	88.2	91.6	96.5	91.8	91.5	91.8	92.3	88.2	88.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.6	92.2	87.7	91.6	93.5	93.7	93.0	96.1	94.0	88.4	85.0	87.8	93.1	88.8	92.7	85.5

TM30

Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	92	-3%	3%
3	88	-1%	6%
4	92	0%	4%
5	93	2%	4%
6	94	4%	-1%
7	93	0%	-3%
8	96	-1%	-2%
9	94	-3%	1%
10	88	-3%	7%
11	85	0%	11%
12	88	5%	5%
13	93	4%	-1%
14	89	7%	-6%
15	93	0%	-4%
16	86	0%	-12%

OP2SW-3.0HE+-30-DRY-70D

2985 K

CRI: 92.0

CRI R9: 65.0

TM30 Rf: 90.8

TM30 Rg: 100.7

CQS: 89.8

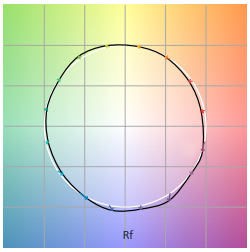
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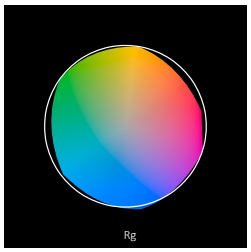
Y: 0.405

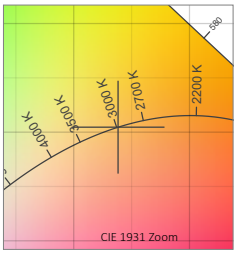
U: 0.251

V: 0.348

Δuv: 0.0001







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.3	94.2	94.3	92.6	91.2	91.8	94.0	85.4	65.0	85.2	92.5	74.5	92.6	96.0	89.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.3	97.2	84.8	85.6	89.6	89.3	88.2	91.6	96.4	91.8	91.5	91.8	92.3	88.3	88.8
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.6	92.2	87.7	91.6	93.5	93.7	93.0	96.1	94.0	88.4	85.0	87.8	93.1	88.8	92.7	85.6

TM30

Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	92	-3%	3%
3	88	-1%	6%
4	92	0%	4%
5	93	2%	4%
6	94	4%	-1%
7	93	0%	-3%
8	96	-1%	-2%
9	94	-3%	1%
10	88	-3%	7%
11	85	0%	11%
12	88	5%	5%
13	93	4%	-1%
14	89	7%	-6%
15	93	0%	-4%
16	86	0%	-12%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW-HE+(2)

Linear Fixtures Color Data

OP2SW-3.0HE+-30-DRY-90D

2997 K

CRI: 92.1

CRI R9: 65.5

TM30 Rf: 90.7

TM30 Rg: 101.0

CQS: 89.8

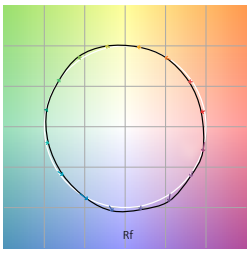
X: 0.437

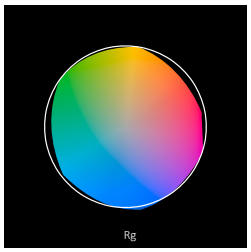
Y: 0.404

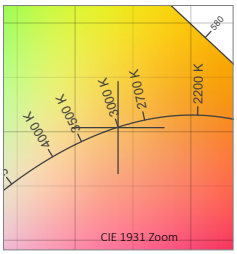
U: 0.251

V: 0.348

Δuv: -0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.5	94.3	94.3	92.7	91.4	91.8	94.0	85.6	65.5	85.3	92.6	74.7	92.8	96.0	89.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.3	97.2	84.7	85.6	89.7	89.3	88.1	91.6	96.4	91.6	91.4	91.8	92.3	88.4	88.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.7	92.3	87.6	91.5	93.4	93.4	93.0	95.9	94.1	88.5	85.0	87.8	93.1	88.8	89.9	86.2

TM30

Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	92	-3%	3%
3	88	-1%	6%
4	92	0%	4%
5	93	2%	4%
6	93	4%	-1%
7	93	0%	-4%
8	96	-1%	-2%
9	94	-3%	1%
10	89	-3%	7%
11	85	0%	11%
12	88	5%	5%
13	93	4%	-1%
14	89	7%	-6%
15	90	1%	-6%
16	86	0%	-11%

OP2SW-3.0HE-30+-DRY-110D

3018 K

CRI: 92.1

CRI R9: 65.6

TM30 Rf: 90.7

TM30 Rg: 100.9

CQS: 89.8

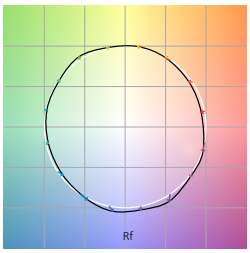
X: 0.436

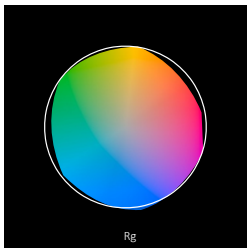
Y: 0.403

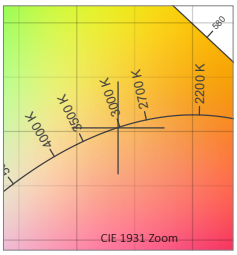
U: 0.250

V: 0.347

Δuv: -0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.5	94.3	94.2	92.7	91.4	91.8	94.1	85.7	65.6	85.3	92.5	74.3	92.8	96.0	89.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.5	97.3	84.6	85.4	89.6	89.4	88.2	91.6	96.4	91.7	91.4	91.8	92.4	88.5	89.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.7	92.3	87.7	92.2	92.5	93.6	93.0	96.1	94.0	88.3	84.8	87.7	93.2	88.8	90.0	86.1

TM30

Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	92	-3%	3%
3	88	-1%	6%
4	92	1%	4%
5	92	1%	3%
6	94	4%	-1%
7	93	0%	-3%
8	96	-1%	-2%
9	94	-3%	1%
10	88	-3%	7%
11	85	0%	11%
12	88	5%	5%
13	93	4%	-1%
14	89	7%	-6%
15	90	1%	-6%
16	86	0%	-11%

OP2SW-3.0HE-30+-DRY-155D

3043 K

CRI: 92.0

CRI R9: 66.1

TM30 Rf: 90.7

TM30 Rg: 100.8

CQS: 89.8

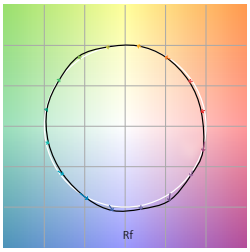
X: 0.434

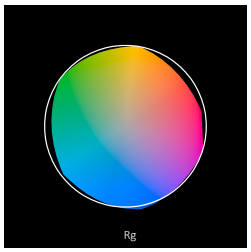
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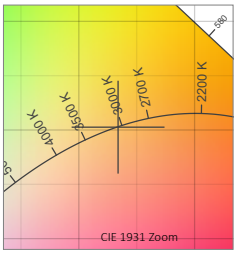
U: 0.249

V: 0.347

Δuv: -0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.5	94.2	94.1	92.6	91.3	91.6	94.2	85.9	66.1	85.1	92.3	73.9	92.7	95.9	90.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.7	97.3	84.4	85.1	89.5	89.4	88.2	91.7	96.3	91.6	91.3	91.7	92.4	88.6	89.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.8	92.3	87.7	92.2	92.4	93.7	93.1	96.0	93.8	87.0	84.5	87.6	93.2	88.8	90.1	86.1

TM30

Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	92	-3%	3%
3	88	-1%	6%
4	92	1%	4%
5	92	0%	3%
6	94	4%	-1%
7	93	0%	-3%
8	96	-1%	-2%
9	94	-3%	2%
10	87	-3%	7%
11	85	1%	12%
12	88	5%	5%
13	93	4%	-1%
14	89	7%	-6%
15	90	1%	-6%
16	86	0%	-11%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW-HE+(2)

Linear Fixtures Color Data

OP2SW-3.0HE+-30-DRY-180D

3031 K

CRI: 91.9

CRI R9: 65.0

TM30 Rf: 90.6

TM30 Rg: 100.9

CQS: 89.7

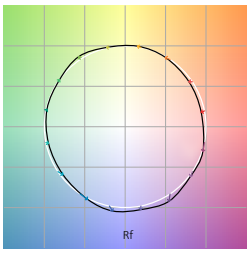
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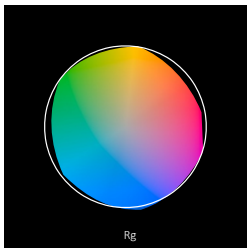
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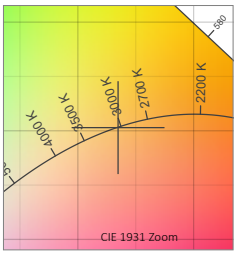
U: 0.250

V: 0.347

Δuv: -0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.3	94.2	94.2	92.5	91.2	91.6	94.0	85.4	65.0	85.1	92.4	74.1	92.6	96.0	89.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.4	97.3	84.4	85.3	89.5	89.3	88.1	91.6	96.4	91.6	91.3	91.7	92.2	88.3	88.8
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.6	92.2	87.5	92.1	92.4	93.6	93.0	96.0	93.9	87.3	84.7	87.6	93.1	88.7	89.9	86.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	92	-4%	3%
3	88	-1%	6%
4	92	1%	5%
5	92	1%	3%
6	94	4%	-1%
7	93	0%	-3%
8	96	-1%	-2%
9	94	-3%	2%
10	87	-3%	7%
11	85	0%	11%
12	88	5%	5%
13	93	4%	-1%
14	89	7%	-6%
15	90	1%	-6%
16	86	0%	-11%

OP2SW-3.0HE+-30-DRY-ASYM

3026 K

CRI: 92.3

CRI R9: 67.4

TM30 Rf: 90.8

TM30 Rg: 101.2

CQS: 89.9

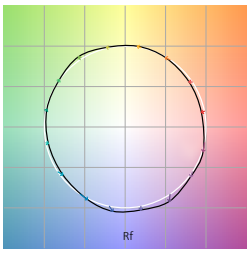
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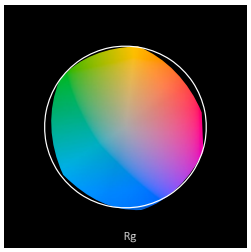
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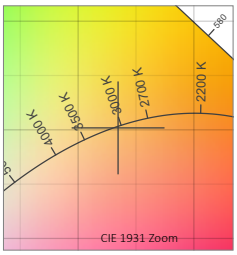
U: 0.250

V: 0.347

Δuv: -0.0006







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.9	94.4	94.1	92.9	91.8	91.9	94.2	86.4	67.4	85.6	92.7	75.0	93.1	95.9	90.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.7	97.4	84.4	85.5	89.8	89.3	87.8	91.5	96.3	91.5	91.2	91.7	92.4	89.0	89.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
92.1	92.5	87.6	92.0	92.4	93.2	93.0	95.8	94.2	87.7	84.9	87.6	93.1	89.0	90.1	86.4

TM30			
Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	92	-3%	3%
3	88	-1%	6%
4	92	1%	5%
5	92	1%	4%
6	93	4%	-1%
7	93	0%	-4%
8	96	-1%	-3%
9	94	-3%	2%
10	88	-3%	6%
11	85	0%	11%
12	88	5%	5%
13	93	4%	-1%
14	89	7%	-6%
15	90	2%	-6%
16	86	1%	-11%

OP2SW-3.0HE+-30-DRY-FT

3009 K

CRI: 92.2

CRI R9: 66.1

TM30 Rf: 90.5

TM30 Rg: 101.4

CQS: 89.6

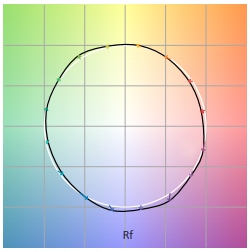
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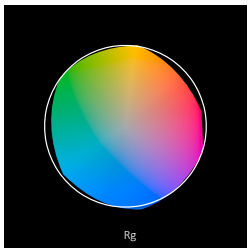
Y: 0.401

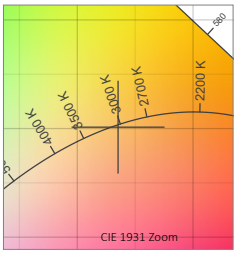
U: 0.251

V: 0.347

Δuv: -0.0009







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.7	94.4	94.3	92.7	91.7	92.0	93.8	85.7	66.1	85.8	92.6	75.3	93.0	96.1	90.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.3	97.4	84.2	85.4	89.7	89.0	87.4	91.1	96.4	91.3	90.9	91.3	92.1	88.6	88.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.8	92.2	87.1	91.7	92.3	92.7	92.7	95.5	94.2	88.7	84.8	87.4	92.9	88.7	89.8	86.2

TM30			
Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	92	-3%	3%
3	87	-1%	7%
4	92	1%	5%
5	92	1%	4%
6	93	5%	-1%
7	93	0%	-4%
8	95	-1%	-3%
9	94	-3%	1%
10	89	-3%	7%
11	85	0%	11%
12	87	5%	5%
13	93	5%	-1%
14	89	7%	-6%
15	90	2%	-6%
16	86	0%	-11%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW-HE+(2)

Linear Fixtures Color Data

6.0HE+ W/FT

OP2SW-6.0HE+-30-DRY-40D

3026 K

CRI: 92.2

CRI R9: 66.4

TM30 Rf: 90.9

TM30 Rg: 100.7

CQS: 90.1

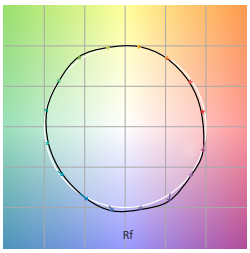
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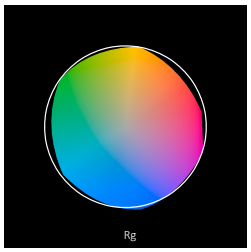
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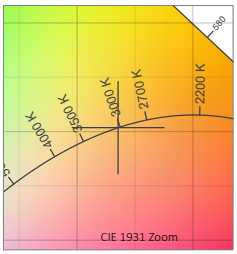
U: 0.250

V: 0.347

Δuv: 0.0001







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.6	94.3	94.2	92.9	91.4	91.8	94.3	86.1	66.4	85.4	92.6	74.2	92.9	96.0	90.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.7	97.3	84.8	85.5	89.7	89.7	88.6	91.9	96.4	91.9	91.6	92.1	92.6	88.7	89.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.9	92.5	88.1	92.5	92.5	94.0	93.2	96.3	93.9	87.3	84.9	87.9	93.4	89.0	90.3	86.4

TM30			
Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	93	-3%	3%
3	88	-1%	6%
4	92	0%	4%
5	93	0%	3%
6	94	4%	0%
7	93	0%	-3%
8	96	-1%	-2%
9	94	-3%	2%
10	87	-3%	7%
11	85	1%	11%
12	88	5%	5%
13	93	4%	-1%
14	89	7%	-6%
15	90	1%	-6%
16	86	0%	-11%

OP2SW-6.0HE+-30-DRY-60D

2993 K

CRI: 92.0

CRI R9: 65.1

TM30 Rf: 90.7

TM30 Rg: 100.9

CQS: 89.8

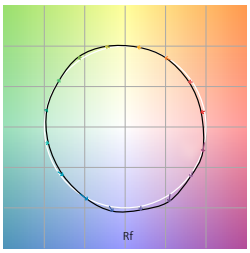
X: 0.437

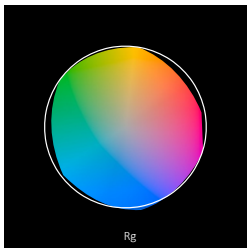
Y: 0.404

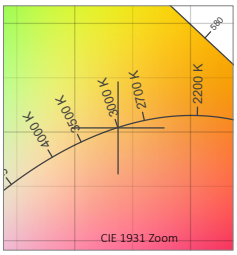
U: 0.251

V: 0.348

Δuv: -0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.4	94.2	94.3	92.6	91.3	91.8	94.0	85.4	65.1	85.2	92.5	74.7	92.7	96.0	89.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.2	97.2	84.6	85.5	89.6	89.2	88.0	91.5	96.4	91.6	91.3	91.7	92.3	88.3	88.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.7	92.2	87.5	91.5	93.4	93.4	92.9	95.9	94.0	88.4	85.0	87.7	93.1	88.7	89.9	86.2

TM30			
Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	92	-3%	3%
3	88	-1%	6%
4	92	0%	4%
5	93	2%	4%
6	93	4%	-1%
7	93	0%	-4%
8	96	-1%	-2%
9	94	-3%	1%
10	88	-3%	7%
11	85	0%	11%
12	88	5%	5%
13	93	4%	-1%
14	89	7%	-6%
15	90	1%	-6%
16	86	0%	-11%

OP2SW-6.0HE+-30-DRY-70D

2999 K

CRI: 92.0

CRI R9: 65.4

TM30 Rf: 90.7

TM30 Rg: 100.9

CQS: 89.8

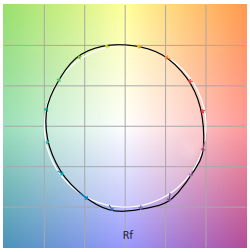
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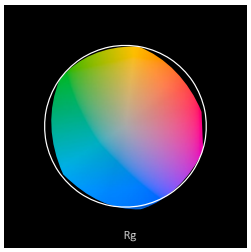
Y: 0.404

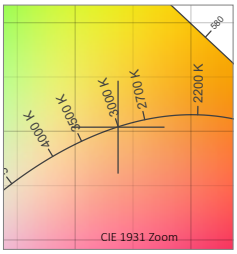
U: 0.251

V: 0.348

Δuv: -0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.4	94.2	94.2	92.7	91.3	91.8	94.0	85.6	65.4	85.2	92.5	74.6	92.7	96.0	89.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.3	97.2	84.7	85.5	89.6	89.3	88.1	91.6	96.4	91.6	91.4	91.8	92.3	88.4	88.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.7	92.3	87.6	91.5	93.4	93.5	93.0	96.0	94.1	88.4	85.0	87.7	93.1	88.8	89.9	86.2

TM30			
Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	92	-3%	3%
3	88	-1%	6%
4	92	0%	4%
5	93	2%	4%
6	93	4%	-1%
7	93	0%	-4%
8	96	-1%	-2%
9	94	-3%	1%
10	88	-3%	7%
11	85	0%	11%
12	88	5%	5%
13	93	4%	-1%
14	89	7%	-6%
15	90	1%	-6%
16	86	0%	-11%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW-HE+(2)

Linear Fixtures Color Data

OP2SW-6.0HE+-30-DRY-90D

2985 K

CRI: 92.1

CRI R9: 65.2

TM30 Rf: 90.8

TM30 Rg: 100.7

CQS: 89.9

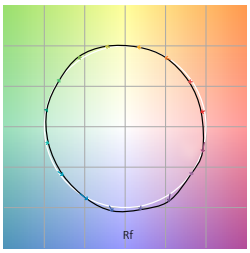
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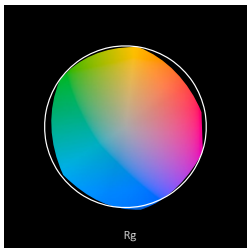
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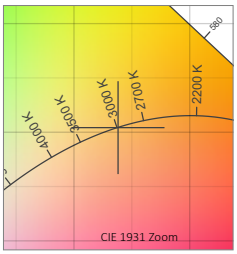
U: 0.251

V: 0.348

Δuv: -0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.4	94.3	94.4	92.7	91.3	91.9	94.0	85.4	65.2	85.5	92.6	74.6	92.8	96.1	89.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.3	97.2	84.8	85.6	89.7	89.4	88.2	91.6	96.5	91.8	91.4	91.8	92.3	88.3	88.8
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.7	92.3	87.8	91.7	93.5	93.7	93.0	96.1	94.0	88.4	85.0	87.9	93.1	88.7	92.8	85.5

TM30			
Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	92	-3%	3%
3	88	-1%	6%
4	92	0%	4%
5	93	2%	4%
6	94	4%	-1%
7	93	0%	-3%
8	96	-1%	-2%
9	94	-3%	1%
10	88	-3%	7%
11	85	0%	11%
12	88	5%	5%
13	93	4%	-2%
14	89	7%	-6%
15	93	0%	-4%
16	86	0%	-12%

OP2SW-6.0HE-30+-DRY-110D

3030 K

CRI: 92.2

CRI R9: 66.8

TM30 Rf: 90.8

TM30 Rg: 101.0

CQS: 89.9

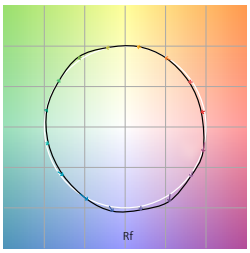
X: 0.435

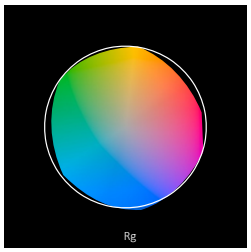
Y: 0.403

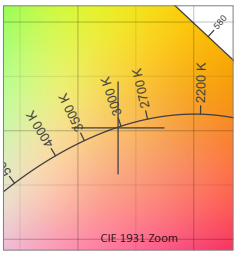
U: 0.250

V: 0.347

Δuv: -0.0003







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.7	94.3	94.1	92.8	91.5	91.8	94.3	86.2	66.8	85.4	92.6	74.4	93.0	95.9	90.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.7	97.3	84.5	85.4	89.7	89.5	88.1	91.7	96.3	91.6	91.3	91.8	92.5	88.8	89.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.9	92.5	87.8	92.2	92.4	93.6	93.1	96.0	94.0	87.3	84.8	87.7	93.2	89.0	90.2	86.3

TM30			
Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	92	-3%	3%
3	88	-1%	6%
4	92	1%	4%
5	92	1%	3%
6	94	4%	0%
7	93	0%	-3%
8	96	-1%	-2%
9	94	-3%	2%
10	87	-3%	7%
11	85	0%	11%
12	88	5%	5%
13	93	4%	-1%
14	89	7%	-6%
15	90	1%	-6%
16	86	0%	-11%

OP2SW-6.0HE-30+-DRY-155D

3040 K

CRI: 92.1

CRI R9: 66.5

TM30 Rf: 90.7

TM30 Rg: 101.0

CQS: 89.8

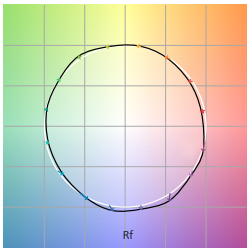
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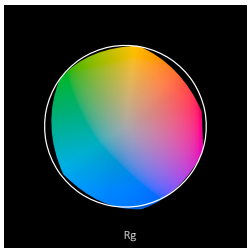
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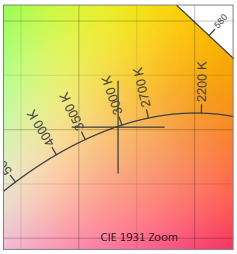
U: 0.249

V: 0.347

Δuv: -0.0003







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.6	94.3	94.0	92.8	91.5	91.7	94.2	86.1	66.5	85.2	92.5	74.1	92.9	95.9	90.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.7	97.4	84.3	85.2	89.6	89.4	88.1	91.6	96.3	91.5	91.2	91.8	92.5	88.7	89.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.9	92.4	87.7	92.1	92.3	93.5	93.1	95.9	93.9	87.2	84.6	87.5	93.2	88.8	90.1	86.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	92	-3%	3%
3	88	-1%	6%
4	92	1%	5%
5	92	1%	4%
6	93	4%	0%
7	93	0%	-3%
8	96	-1%	-2%
9	94	-3%	2%
10	87	-3%	7%
11	85	0%	11%
12	87	5%	5%
13	93	4%	-1%
14	89	7%	-6%
15	90	1%	-6%
16	86	0%	-11%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-02-14-24

OPTI-OPTICS-SW-HE+(2)

Linear Fixtures Color Data

OP2SW-6.0HE+-30-DRY-180D

3036 K

CRI: 91.9

CRI R9: 64.9

TM30 Rf: 90.6

TM30 Rg: 100.7

CQS: 89.8

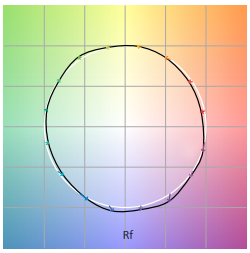
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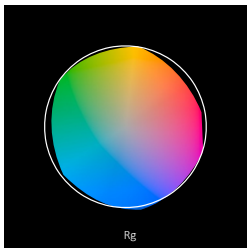
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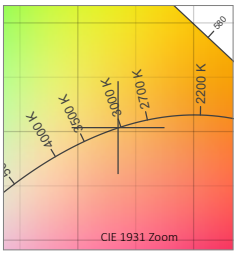
U: 0.249

V: 0.347

Δuv: 0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.2	94.0	94.1	92.5	91.0	91.4	94.1	85.5	64.9	84.8	92.3	73.6	92.5	95.9	89.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.4	97.3	84.5	85.3	89.5	89.3	88.3	91.7	96.4	91.7	91.4	91.8	92.3	88.3	88.8
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.6	92.2	87.7	92.2	92.4	93.8	93.0	96.1	93.8	87.1	84.6	87.6	93.2	88.7	89.9	86.0

TM30			
Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	92	-4%	3%
3	88	-1%	6%
4	92	0%	4%
5	92	0%	3%
6	94	4%	0%
7	93	0%	-3%
8	96	-1%	-2%
9	94	-3%	2%
10	87	-3%	7%
11	85	0%	11%
12	88	5%	5%
13	93	4%	-1%
14	89	7%	-6%
15	90	1%	-6%
16	86	0%	-11%

OP2SW-6.0HE+-30-DRY-ASYM

3004 K

CRI: 91.9

CRI R9: 65.2

TM30 Rf: 90.7

TM30 Rg: 101.0

CQS: 89.8

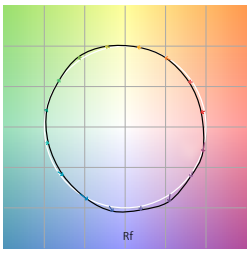
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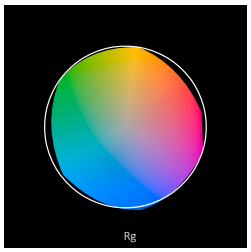
Y: 0.404

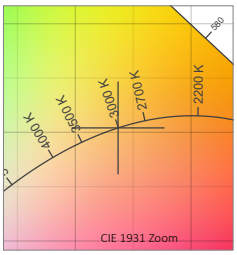
U: 0.251

V: 0.348

Δuv: 0.0001







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.3	94.1	94.1	92.6	91.2	91.6	94.1	85.6	65.2	84.9	92.5	74.3	92.6	95.9	89.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.3	97.3	84.6	85.6	89.6	89.1	88.1	91.6	96.4	91.6	91.4	91.8	92.4	88.3	88.8
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.7	92.3	87.6	91.5	93.4	93.4	92.9	95.9	94.1	88.5	84.9	87.7	93.1	88.8	89.8	86.2

TM30			
Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	92	-3%	3%
3	88	-1%	6%
4	91	0%	4%
5	93	2%	4%
6	93	4%	-1%
7	93	0%	-4%
8	96	-1%	-2%
9	94	-3%	1%
10	89	-3%	7%
11	85	0%	11%
12	88	5%	5%
13	93	4%	-1%
14	89	7%	-6%
15	90	1%	-6%
16	86	0%	-11%

OP2SW-6.0HE+-30-DRY-FT

2964 K

CRI: 92.4

CRI R9: 65.4

TM30 Rf: 91.1

TM30 Rg: 100.3

CQS: 90.1

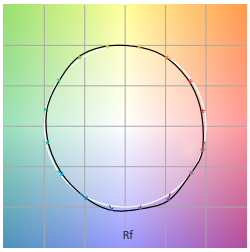
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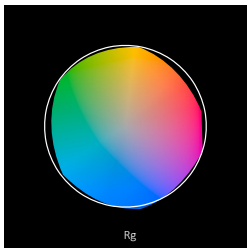
Y: 0.405

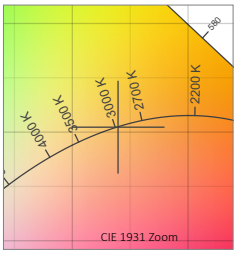
U: 0.252

V: 0.348

Δuv: -0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.7	94.8	95.0	92.8	91.7	92.6	94.0	85.3	65.4	86.5	92.7	75.7	93.2	96.4	89.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.4	97.0	85.4	85.8	89.9	90.1	88.9	91.7	96.6	92.2	91.7	92.0	92.4	88.4	88.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
91.7	92.4	88.4	92.2	93.8	94.4	93.3	96.5	94.0	88.3	85.6	88.4	93.3	88.9	93.1	85.8

TM30			
Hue Bin	R_f	Chroma	Hue
1	92	-4%	-1%
2	92	-3%	3%
3	88	-1%	6%
4	92	-1%	3%
5	94	2%	3%
6	94	3%	0%
7	93	-1%	-3%
8	97	-1%	-2%
9	94	-3%	2%
10	88	-2%	7%
11	86	1%	11%
12	88	5%	4%
13	93	4%	-2%
14	89	6%	-6%
15	93	0%	-4%
16	86	0%	-11%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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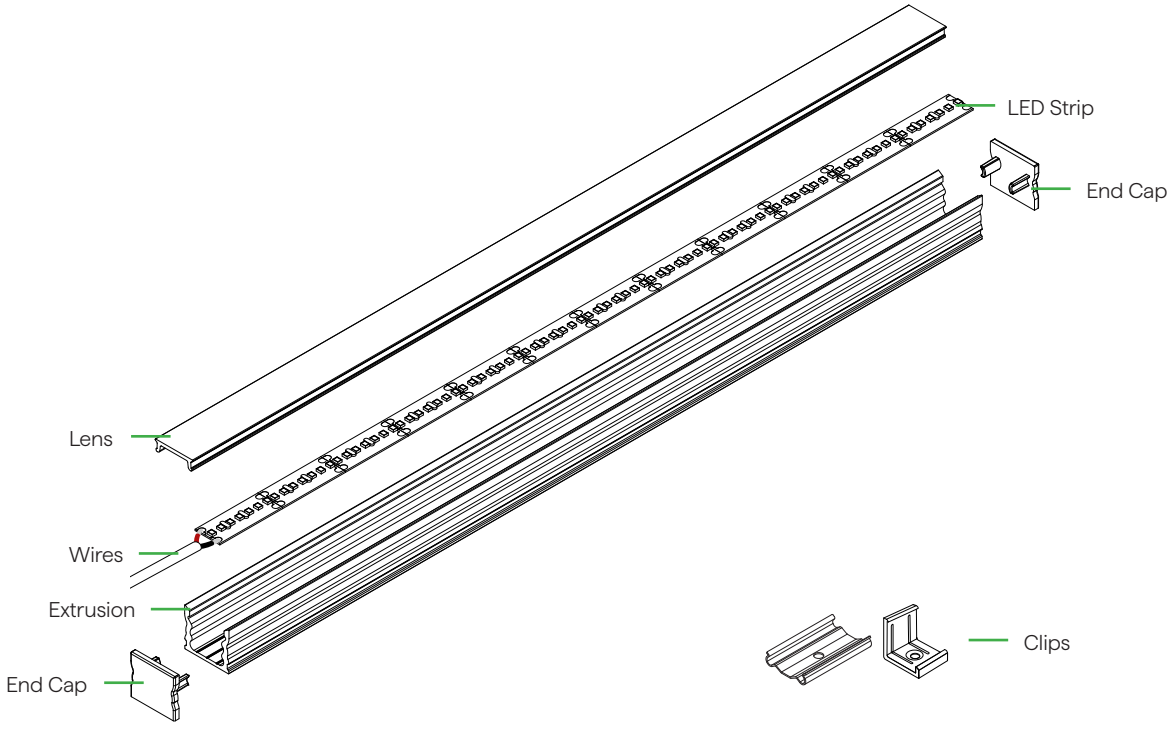
Specification subject to change. Rev-02-14-24

MATERIAL RECYCLING

LINEAR FIXTURES/EXTRUSIONS

You may be done with your products, but chances are they still have more to give. Follow these instructions to break down and sort recyclable components. Check with local recycling collection to ensure they accept the materials listed below.

Additionally, Q-Tran offers a Takeback Program. Contact factory for information.



7	E	41	40
Lens Plastic End Caps Plastic Clips	LED Strip Wires	Extrusion Metal End Caps	Stainless Steel Clips

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