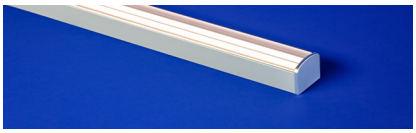
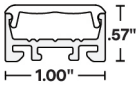
OPTI-OPTICS (02) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed





- 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
- When using DALI and DMX power supplies, LED wattage must be doubled

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: **OP2DW-2.5HE-20/30-DRY-155D-P1-CON6-CON6-WH-CL2-CC-WH-48"-E**

1 PRODUCT

OP2DW
OP2DW-USA

Select USA option for BAA and BABA projects. Only DRY ratings apply

LED engine is built with 3 wires requiring 0-10V, DMX or DALI control. Using DALI, DMX, or non QTL power supplies may double watts/ft. See following pages for compatible power supplies.

2 WATTS/FT

1.5HE	1.5W/ft HE
2.5HE	2.5W/ft HE
4.0HE	4.0W/ft HE

1.5HE	1.5W/ft HE
2.5HE	2.5W/ft HE

3 CCT

18/30	1800K/3000K
18/35	1800K/3500K
20/27	2000K/2700K
20/30	2000K/3000K
24/40	2400K/4000K
27/40	2700K/4000K
27/55	2700K/5500K

18/30	1800K/3000K
18/35	1800K/3500K
20/27	2000K/2700K
20/30	2000K/3000K
24/40	2400K/4000K
27/40	2700K/4000K
27/55	2700K/5500K

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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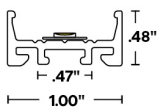
Specification subject to change. Rev-10-21-26

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

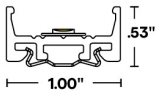
OPTI-OPTICS (02) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

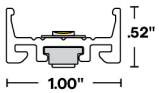
1 PRODUCT - DIMENSIONS



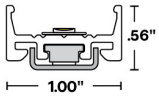
Profile



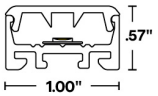
Profile with concealed clip



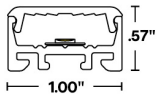
Profile with magnet clip



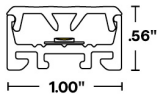
Profile with magnet mount clip and magnet mount accessory



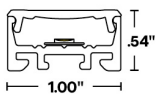
Profile with 40D lens



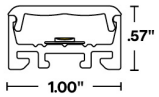
Profile with 60D lens



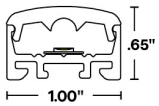
Profile with 70D lens



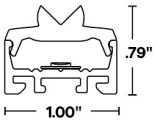
Profile with 90D lens



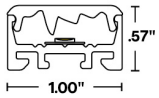
Profile with 110D lens



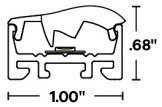
Profile with 155D lens



Profile with 180D lens



Profile with asymmetric lens



Profile with forward throw lens

2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs]
Tested with OP2DW-2.5HE-30-DRY

	3000K	
	LM/FT	CRI
40D	262	98
60D	246	98
70D	251	98
90D	249	98
110D	240	98
155D	243	98
180D	245	98
ASYM	245	98
FT	213	98

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OPTI-OPTICS (02) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

5 DIODE VISIBILITY



Optical 40°

Optical 60°

Optical 70°

Optical 90°

Optical 110°

Optical 155°

Optical 180°

Asymmetric

Forward Throw

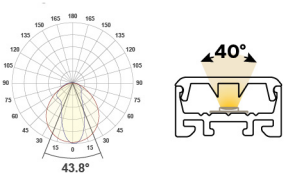
TEMPERATURE RATINGS

		DW 1.5 HE W/FT		DW 3.0 HE W/FT		DW 2.5 HE W/FT		DW 5.0 HE W/FT		DW 4.0 HE W/FT		DW 8.0 HE W/FT	
		QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply		QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply		QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply	
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	145°F	-4°F	135°F	-4°F	140°F	-4°F	125°F	-4°F	130°F	-4°F	115°F
DMP	Ambient Operating Temp - Surface	-4°F	145°F	-4°F	135°F	-4°F	140°F	-4°F	125°F	—	—	—	—

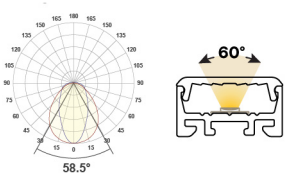
PHOTOMETRIC PERFORMANCE

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

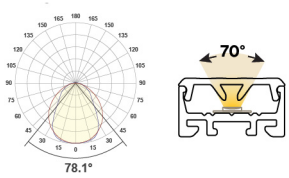
2.5HEW/ft Optical 40°



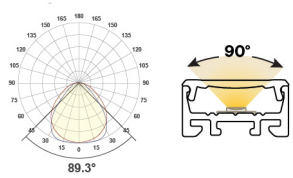
2.5HEW/ft Optical 60°



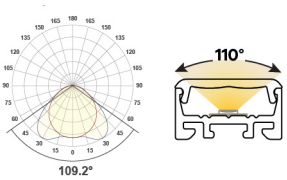
2.5HEW/ft Optical 70°



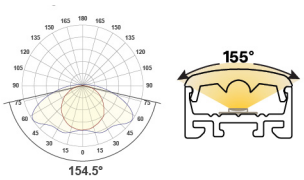
2.5HEW/ft Optical 90°



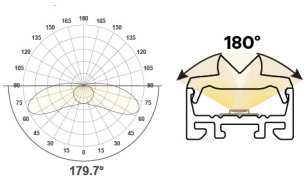
2.5HEW/ft Optical 110°



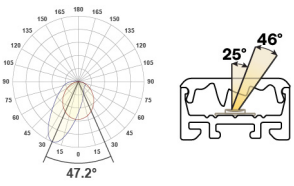
2.5HEW/ft Optical 155°



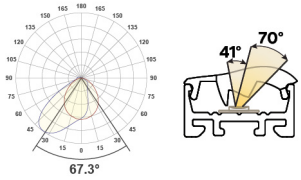
2.5HEW/ft Optical 180°



2.5HEW/ft Asymmetric



2.5HEW/ft Forward Throw



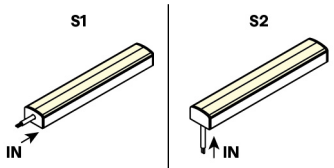
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OPTI-OPTICS (02) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

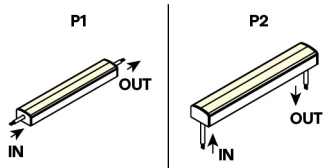
6 WIRE INPUT/OUTPUT

SINGLE (Input only)



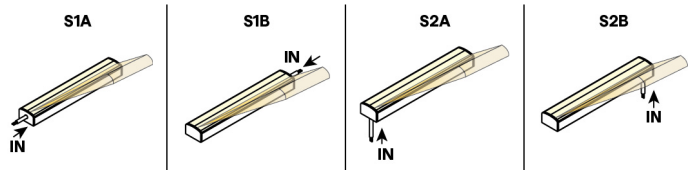
End Feed | Bottom Feed

PASS THROUGH (Input/Output)



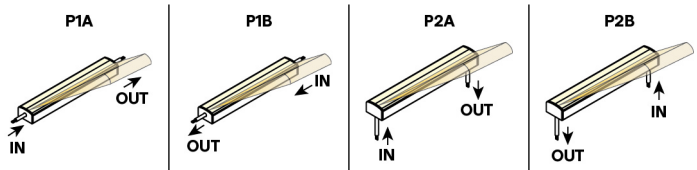
End Feed | Bottom Feed

ASYMMETRIC ONLY SINGLE (Input only)



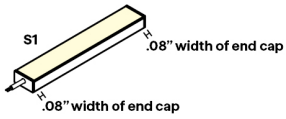
End Feed | End Feed | Bottom Feed | Bottom Feed

ASYMMETRIC ONLY PASS THROUGH (Input/Output)

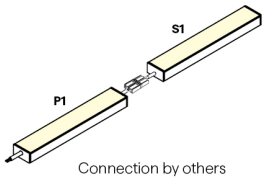


End Feed | End Feed | Bottom Feed | Bottom Feed

CONFIGURATION OPTIONS

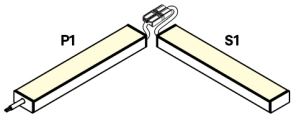


Single End Feed



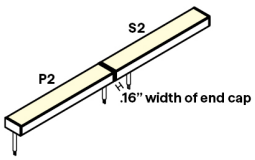
Connection by others

Non-Continuous End Feed

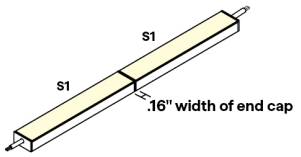


Connection by others

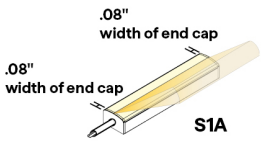
Non-Continuous Corner Feed



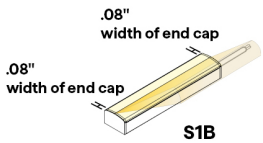
Continuous Bottom Feed



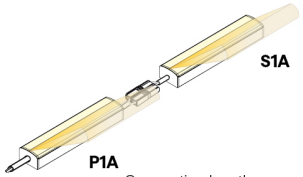
Single End Feed



Single End Feed

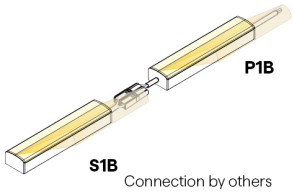


Single End Feed



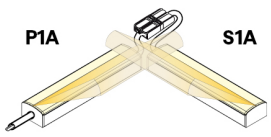
Connection by others

Non-Continuous End Feed



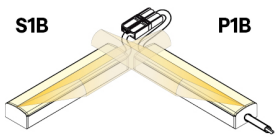
Connection by others

Non-Continuous End Feed



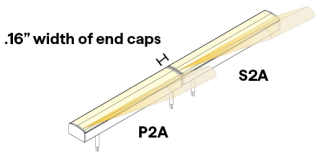
Connection by others

Non-Continuous Corner Feed

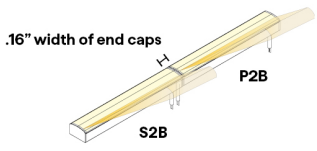


Connection by others

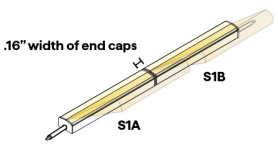
Non-Continuous Corner Feed



Continuous Bottom Feed



Continuous Bottom Feed



Single End Feed

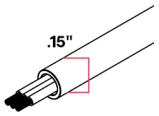
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OPTI-OPTICS (02) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

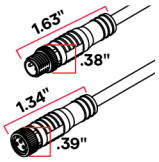
7/8 CONNECTOR/WIRE – IN/OUT

BW



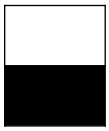
Bare Wire 36"
22 AWG

CON6/CON24



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

9 WIRE COLOR

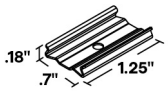


White

Black

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

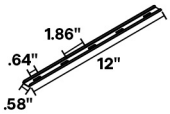


Magnet Clip

One MG provided per foot

To order separately use MG-02

MMA-02



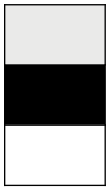
Magnet Mount
Accessory for MG-02

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

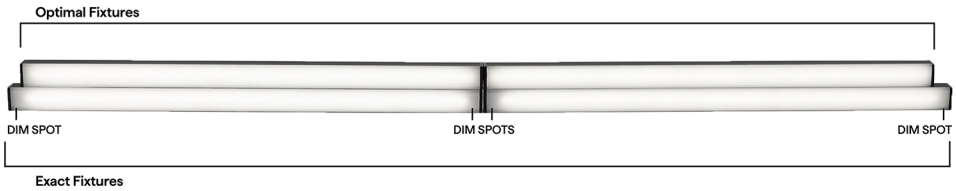
Black

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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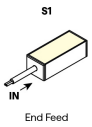
OPTI-OPTICS (02) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

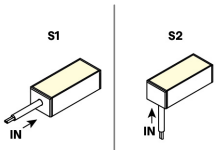
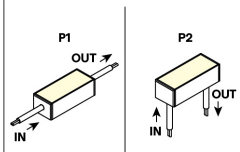
DW-HE DRY DMP LENGTHS BY INCH

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  End Feed
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  End Feed / Bottom Feed		P1 & P1A/B & P2 & P2A/B  End Feed / Bottom Feed	
12"	10.51"		10.86"	
13"	12.51"		12.86"	
14"	12.51"		12.86"	
15"	14.51"		14.86"	
16"	14.51"		14.86"	
17"	16.51"		16.86"	
18"	16.51"		16.86"	
19"	18.51"		18.86"	
20"	18.51"		18.86"	
21"	20.51"		20.86"	
22"	20.51"		20.86"	
23"	22.51"		22.86"	
24"	22.51"		22.86"	
36"	34.51"		34.86"	
48"	46.51"		46.86"	
60"	58.51"		58.86"	
72"	70.51"		70.86"	
84"	82.51"		82.86"	
96"	94.51"		94.86"	

COMPATIBLE POWER SUPPLIES

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

DIM TO LEVEL	INDOOR
	DW-HE Tunable Applications
0.1%	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+TW QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QTM-eLED+TW QZ-DMX
1%	QZ-DALI-DT8
10%	Non-Dim Power Supply with TW App Dongle

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OPTI-OPTICS (02) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

DIMMING PROTOCOL	INDOOR
	DW-HE Tunable Applications
0-10V	QT-CAB-eLED+TW QTM-eLED+TW
Lutron Athena	QT-CAB-eLED+DALI-DT8-AWN QTM-eLED+DALI-DT8-AWN
DMX LED wattage must be doubled for DW-HE products	QZ-DMX
DALI-2: DT6 LED wattage must be doubled for DW-HE products except for AWN	QT-CAB-eLED+DALI-DT6 QTM-eLED+DALI-DT6
DALI-2: DT8 LED wattage must be doubled for DW-HE products except for AWN	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QZ-DALI-DT8
SCENE App Dimmed	Non-Dim Power Supply with TW App Dongle

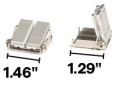
COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-M



Adjustable mounting bracket - Medium

HINGE - HMB-L



Adjustable mounting bracket - Large

HINGE - HMB-XL



Adjustable mounting bracket - XLarge

Q-PIVOT



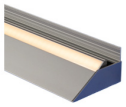
Small mounting accessory

Q-ANGLE



Adjustable mounting accessory

QUOVA-STANDARD



QUOVA Knife Edge

NJ-LARGE



J Mounting Bracket

NU-LARGE



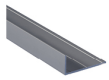
U Mounting Bracket

SD-J-LARGE



J Mounting Bracket

BL-LARGE



Backwards L Mounting Bracket

NL-LARGE



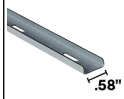
L Mounting Bracket

SD-L-LARGE



L Mounting Bracket

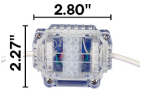
MMA-02



Magnet Mount Accessory of MG-02

COMPATIBLE WIRING ACCESSORIES

Q-mini-J5



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

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Specification subject to change. Rev-10-21-26

OPTI-OPTICS (02) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

NFC APP



Read and write DMX addresses and adjust voltage

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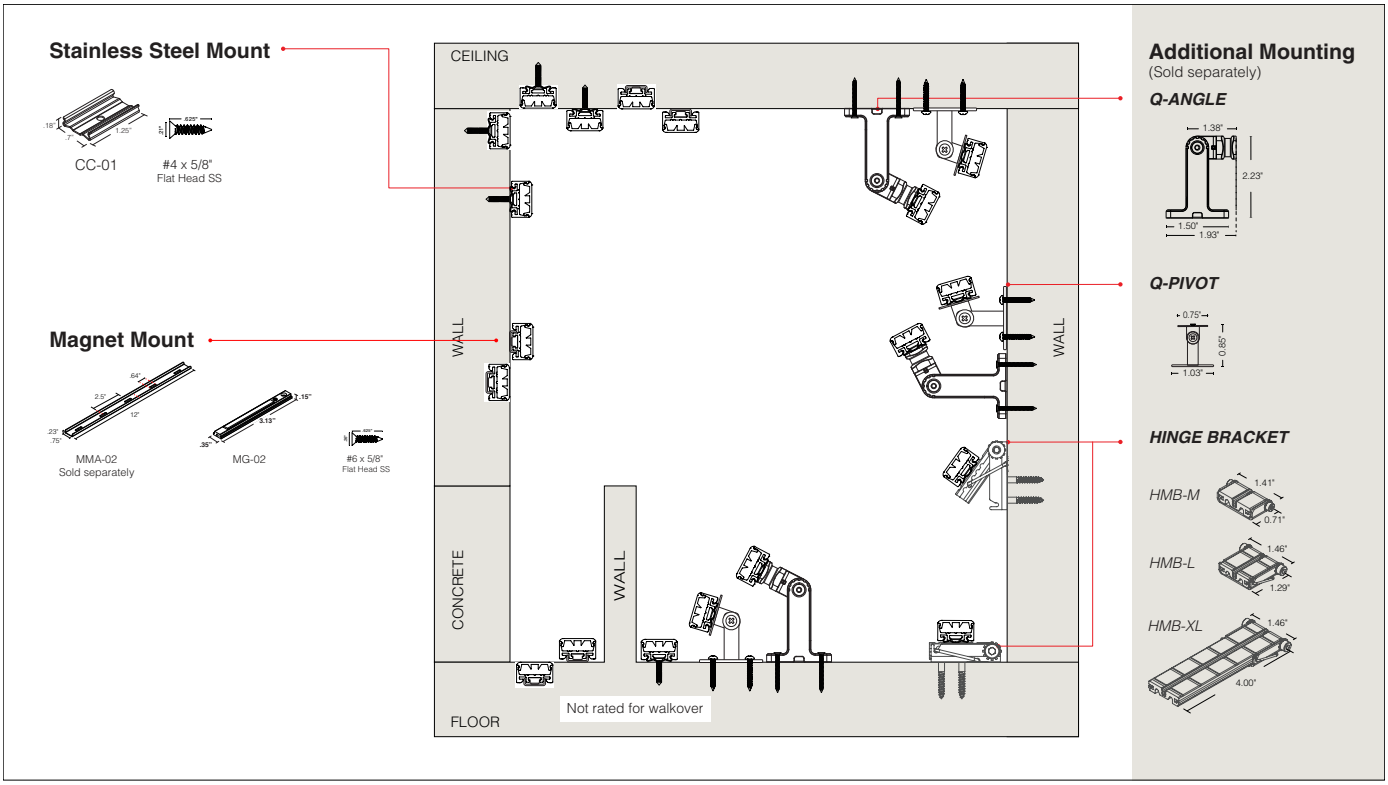
OPTI

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)

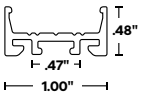
Recessed Mounting Method

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

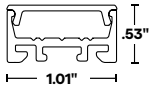
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OPTI

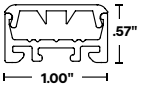
Linear Fixture Installation Instructions



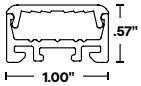
OPTI Profile



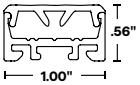
FLAT Lens



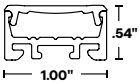
40D Lens



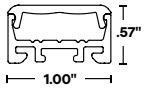
60D Lens



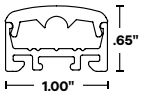
70D Lens



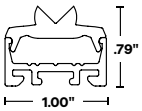
90D Lens



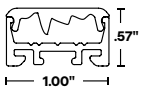
110D Lens



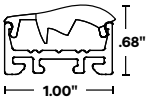
155D Lens



180D Lens



Asymetric Lens

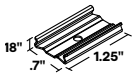


Foward throw Lens

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



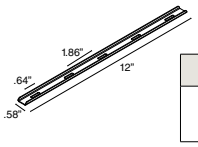
MG-02

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

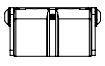
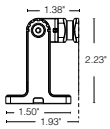


Image shows HMB-M

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



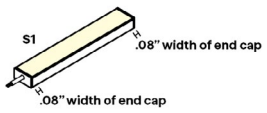
Q-PIVOT

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

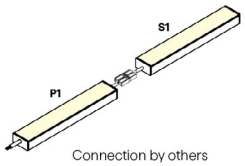
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CONFIGURATION OPTIONS

OPTI FLAT

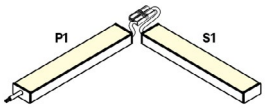


Single End Feed



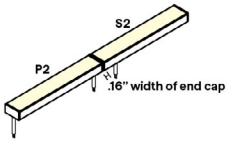
Connection by others

Non-Continuous End Feed

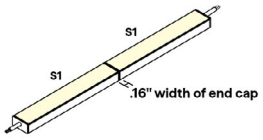


Connection by others

Non-Continuous Corner Feed

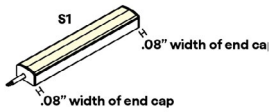


Continuous Bottom Feed

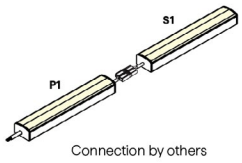


Single End Feed

OPTI OPTICS

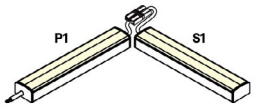


Single End Feed



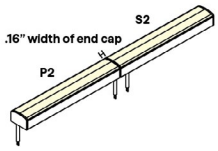
Connection by others

Non-Continuous End Feed

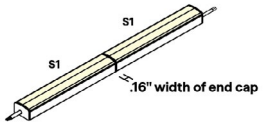


Connection by others

Non-Continuous Corner Feed



Continuous Bottom Feed



Single End Feed

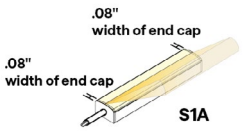
Review wire method to ensure clean installation prior to mounting extrusion.

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

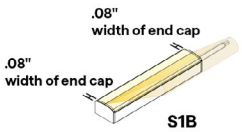
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CONFIGURATION OPTIONS CONTINUED

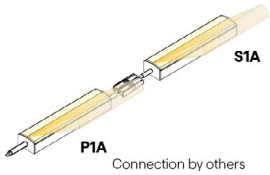
OPTI ASYMMETRIC/ FORWARD THROW



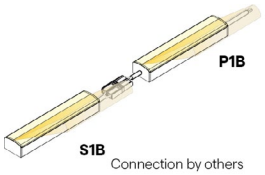
Single End Feed



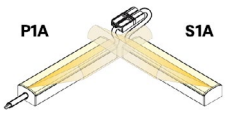
Single End Feed



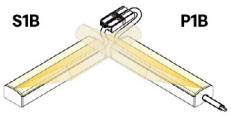
Connection by others
Non-Continuous End Feed



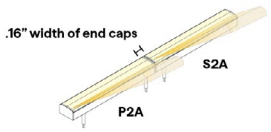
Connection by others
Non-Continuous End Feed



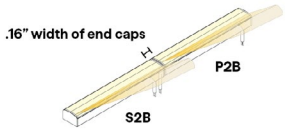
Connection by others
Non-Continuous Corner Feed



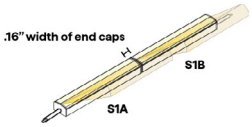
Connection by others
Non-Continuous Corner Feed



Continuous Bottom Feed



Continuous Bottom Feed



Single End Feed

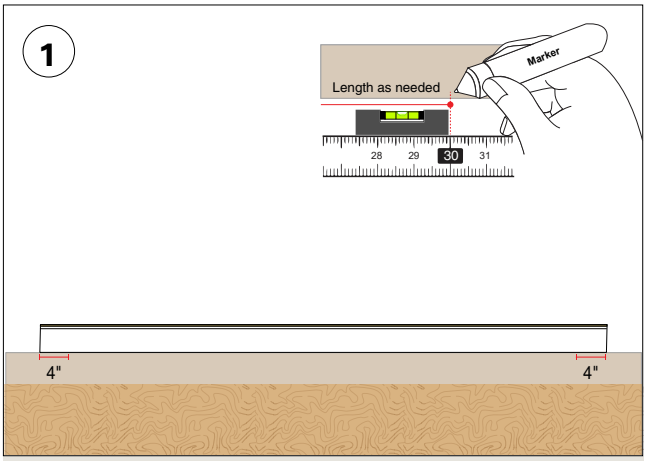
Review wire method to ensure clean installation prior to mounting extrusion.

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

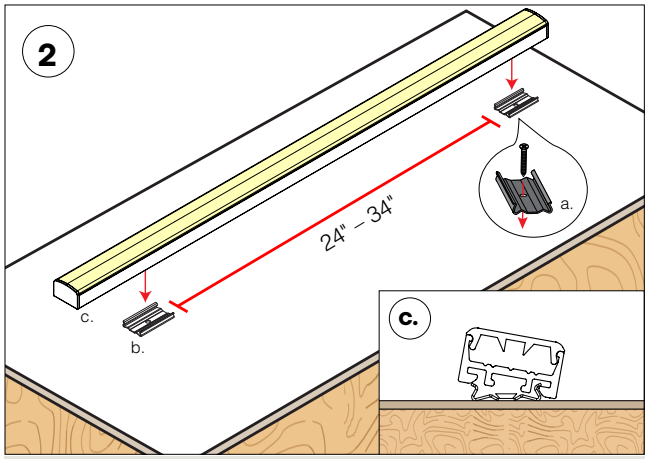
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SURFACE MOUNTING METHOD: **SCREW MOUNT**

- 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".

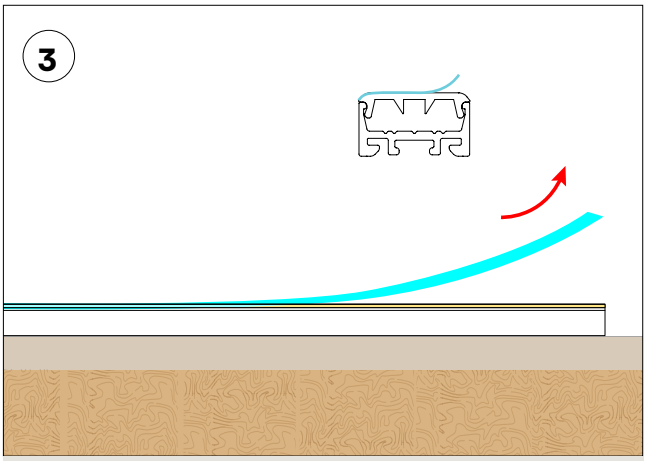


a. Secure clips using the #4 flat head hardware provided. The first and last clip should be placed 4" inward from each end of the fixture.

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.

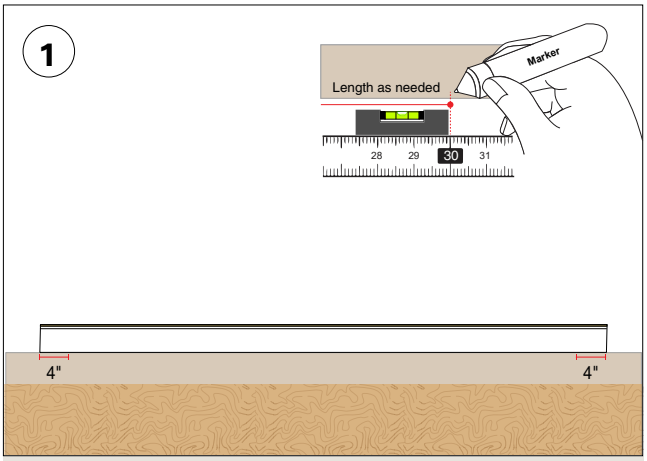


Remove protective film from the surface of the fixture's lens.

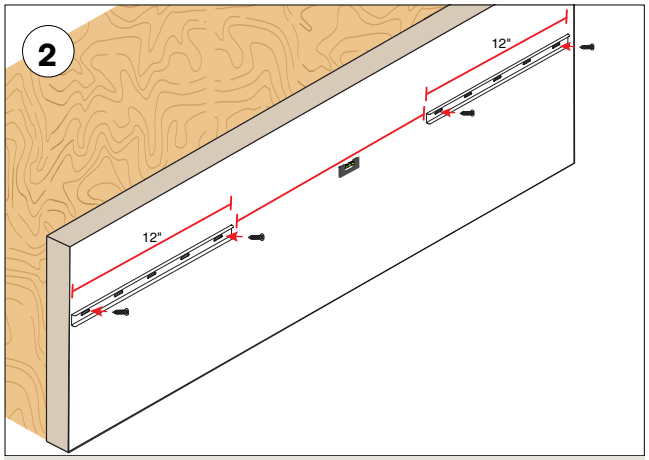
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SURFACE MOUNTING METHOD: **MAGNET MOUNT**

- 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

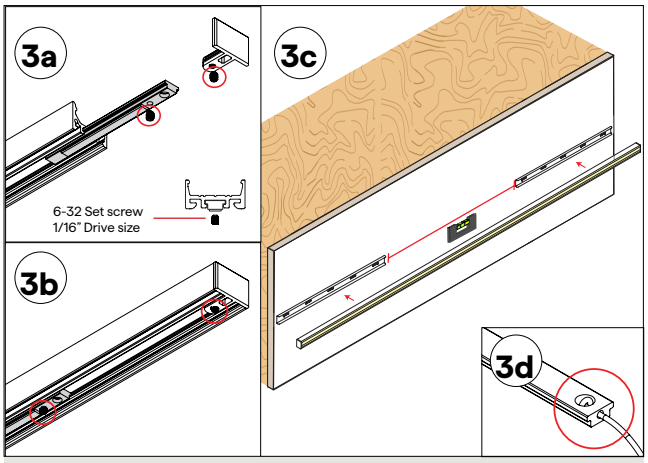


Determine the OPTI fixture(s) location and positioning on desired surface. Make any necessary reference markings to indicate where the magnet mount accessory bracket is to be secured in place.



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.



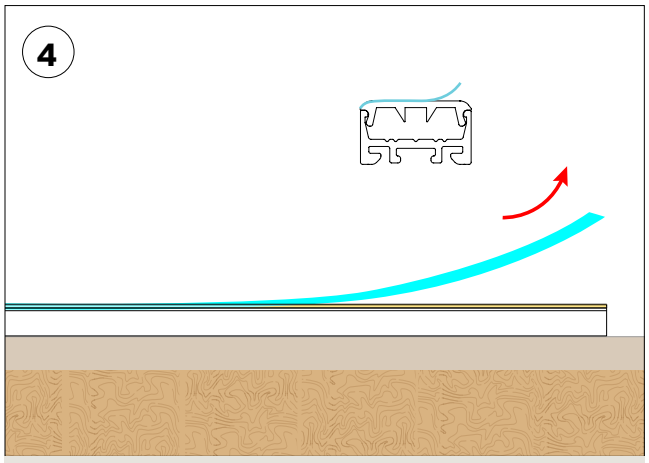
a. Unscrew the Non-Feed OPTI endcap using an allen key, and slide in the magnet clips.

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.

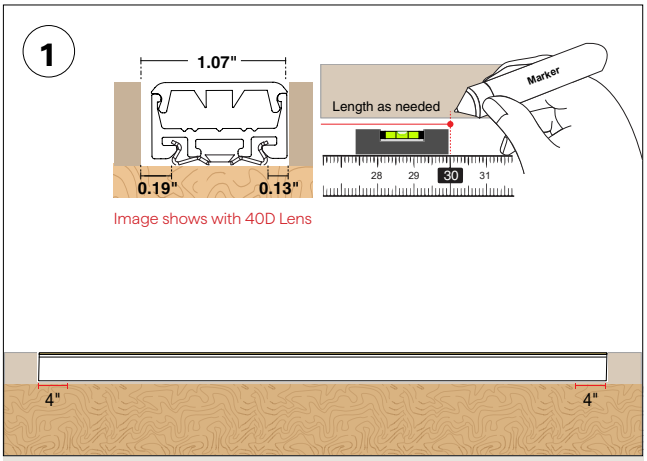


Remove protective film from the surface of the fixture's lens.

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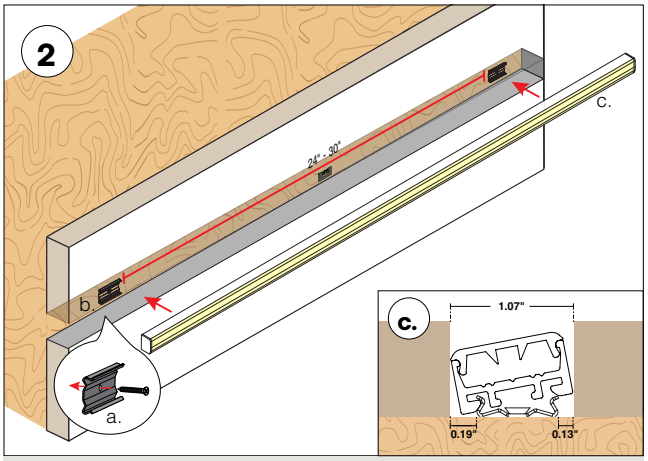
RECESSED MOUNTING METHOD: **MILLWORK SCREW MOUNT**

- 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.

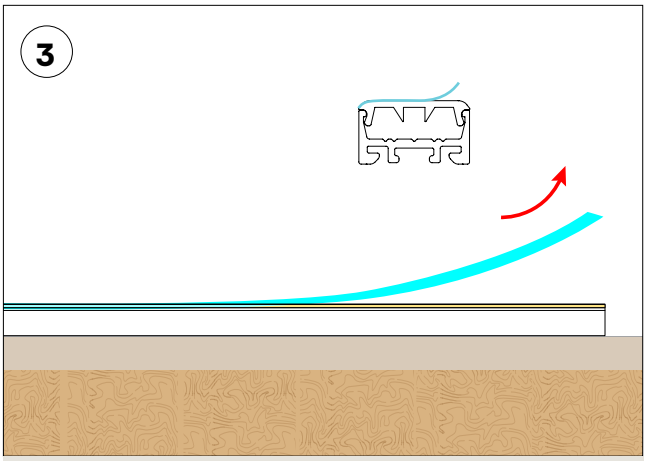


a. Secure clips using the #4 flat head hardware provided. The first and last clip should be placed 4" inward from each end of the fixture.

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.

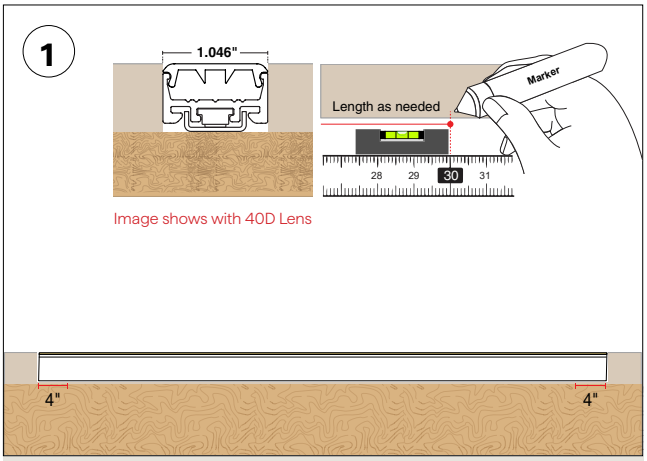


Remove protective film from the surface of the fixture's lens.

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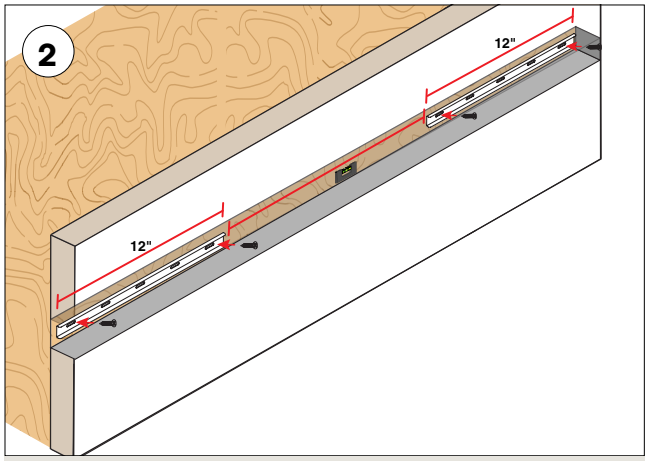
RECESSED MOUNTING METHOD: **MILLWORK MAGNET MOUNT**

- 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



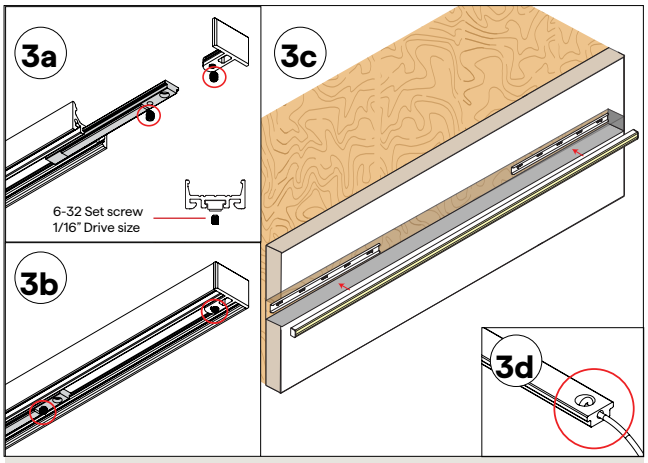
Determine the OPTI fixture(s) location and positioning on desired surface. Make any necessary reference markings to indicate where the magnet mount accessory bracket is to be secured in place.

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.



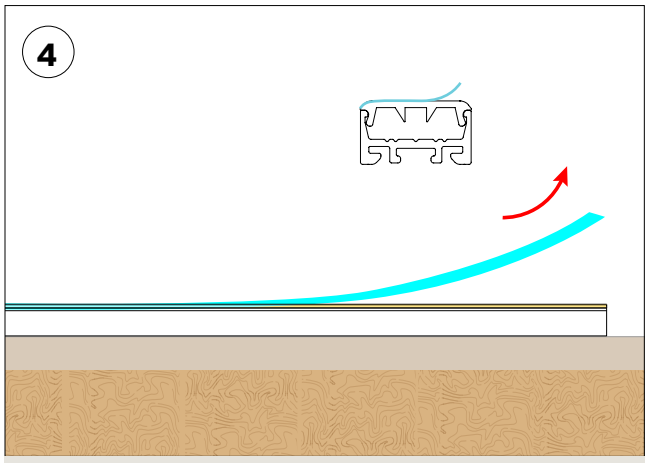
a. Unscrew the Non-Feed OPTI endcap using an allen key, and slide in the magnet clips.

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-DW-HE(2)

Linear Fixtures Color Data

2.5HE W/FT - 2000K

OP2DW-2.5HE-20-DRY-40D

2015 K

CRI: 92.0

CRI R9: 58.1

TM30 Rf: 87.7

TM30 Rg: 103.8

CQS: 78.0

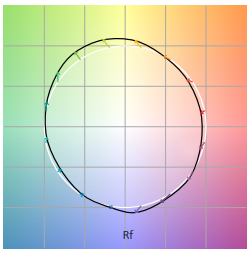
X: 0.524

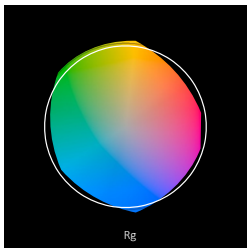
Y: 0.412

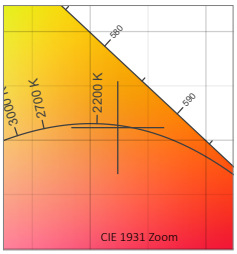
U: 0.304

V: 0.358

Δuv: -0.0007







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.9	96.0	95.8	92.9	92.1	96.6	90.3	79.6	58.1	88.5	94.8	88.0	93.9	95.7	87.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
72.8	83.7	79.9	80.9	78.8	73.5	71.5	76.0	85.8	82.2	82.2	81.7	81.7	78.1	75.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
89.1	87.1	85.1	86.3	88.3	86.2	83.4	86.2	89.1	92.4	90.5	88.1	89.6	73.2	85.4	87.3

TM30

Hue Bin	R_f	Chroma	Hue
1	89	-5%	-2%
2	87	-4%	5%
3	85	-1%	8%
4	86	7%	8%
5	88	11%	6%
6	86	11%	0%
7	83	6%	-9%
8	86	1%	-10%
9	89	-2%	-6%
10	92	-4%	0%
11	90	-1%	4%
12	88	2%	4%
13	90	7%	-8%
14	73	2%	-15%
15	85	1%	-11%
16	87	-4%	-8%

OP2DW-2.5HE-20-DRY-60D

2017 K

CRI: 92.1

CRI R9: 58.6

TM30 Rf: 87.8

TM30 Rg: 103.9

CQS: 78.1

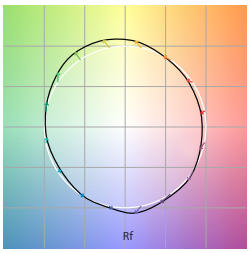
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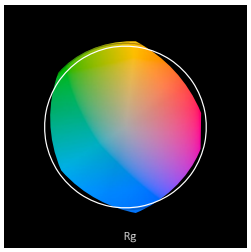
Y: 0.411

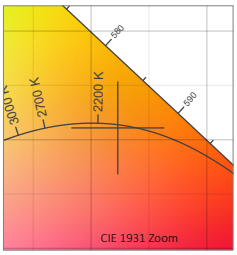
U: 0.304

V: 0.358

Δuv: -0.0009







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.9	96.2	96.2	92.8	92.2	96.9	90.2	79.6	58.6	89.2	94.7	88.6	94.0	96.1	87.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
73.4	83.7	79.9	80.9	79.5	74.0	71.5	75.7	85.5	82.3	82.0	81.3	81.2	78.4	76.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
89.3	87.1	84.9	86.7	88.6	86.4	83.5	86.8	89.8	92.8	90.5	88.1	89.5	73.3	85.2	87.1

TM30

Hue Bin	R_f	Chroma	Hue
1	89	-5%	-1%
2	87	-4%	6%
3	85	-1%	8%
4	87	6%	8%
5	89	10%	5%
6	86	11%	0%
7	83	6%	-9%
8	87	1%	-10%
9	90	-2%	-5%
10	93	-4%	0%
11	90	0%	5%
12	88	2%	4%
13	89	7%	-8%
14	73	2%	-15%
15	85	1%	-11%
16	87	-4%	-8%

OP2DW-2.5HE-20-DRY-70D

2008 K

CRI: 92.3

CRI R9: 58.7

TM30 Rf: 88.9

TM30 Rg: 102.6

CQS: 78.9

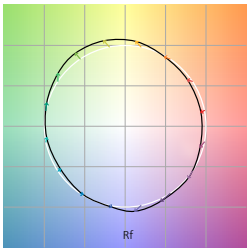
X: 0.526

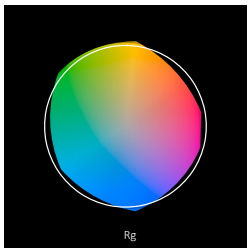
Y: 0.413

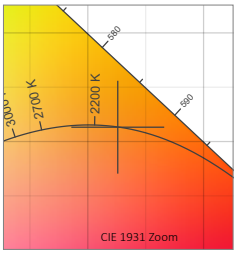
U: 0.305

V: 0.359

Δuv: -0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.0	96.0	96.0	93.4	92.3	96.9	90.8	80.0	58.7	88.8	95.5	88.7	94.0	95.8	87.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
73.8	83.5	80.8	81.3	79.1	74.7	73.9	78.0	86.2	82.9	83.4	83.1	83.0	77.5	75.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
89.5	88.2	86.9	88.2	89.9	88.0	85.8	87.9	90.0	92.8	91.6	89.4	90.0	73.9	86.6	88.4

TM30

Hue Bin	R_f	Chroma	Hue
1	90	-5%	-1%
2	88	-4%	5%
3	87	-1%	7%
4	88	5%	7%
5	90	9%	5%
6	88	9%	1%
7	86	5%	-8%
8	88	1%	-9%
9	90	-2%	-5%
10	93	-4%	0%
11	92	-1%	3%
12	89	1%	3%
13	90	5%	-9%
14	74	2%	-15%
15	87	0%	-10%
16	88	-4%	-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-DW-HE(2)

Linear Fixtures Color Data

OP2DW-2.5HE-20-DRY-90D

2014 K

CRI: 92.1

CRI R9: 58.3

TM30 Rf: 87.8

TM30 Rg: 103.6

CQS: 78.1

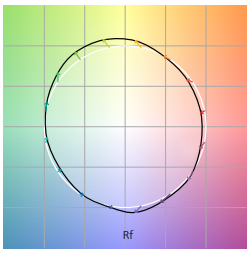
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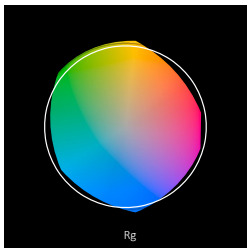
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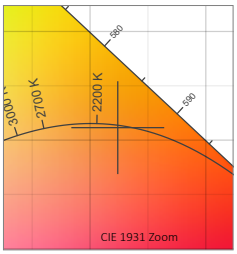
U: 0.304

V: 0.358

Δuv: -0.0007







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.8	96.0	96.1	92.9	92.1	96.7	90.3	79.6	58.3	88.8	94.7	88.8	93.8	95.9	87.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
72.8	83.6	80.2	81.0	79.0	73.9	72.0	76.2	85.7	82.3	82.2	81.6	81.6	78.1	75.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
89.1	87.2	85.2	86.4	88.4	86.6	83.9	86.3	89.4	92.6	90.7	88.6	89.6	73.3	85.5	87.5

TM30

Hue Bin	R_f	Chroma	Hue
1	89	-5%	-1%
2	87	-4%	5%
3	85	-1%	8%
4	86	7%	8%
5	88	11%	5%
6	87	11%	0%
7	84	6%	-9%
8	86	1%	-10%
9	89	-2%	-5%
10	93	-4%	0%
11	91	-1%	4%
12	89	2%	4%
13	90	6%	-8%
14	73	2%	-15%
15	86	1%	-11%
16	88	-4%	-8%

OP2DW-2.5HE-20-DRY-110D

2043 K

CRI: 92.3

CRI R9: 59.1

TM30 Rf: 87.8

TM30 Rg: 104.0

CQS: 78.8

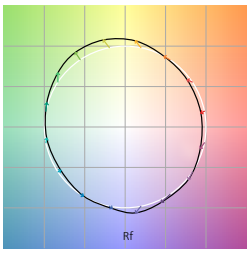
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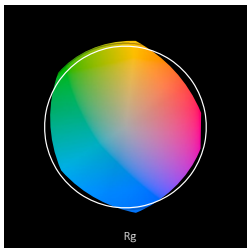
Y: 0.410

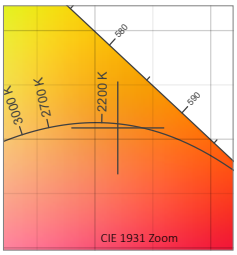
U: 0.302

V: 0.358

Δuv: -0.0012







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.1	96.3	96.5	92.8	92.4	96.9	90.2	79.8	59.1	89.4	94.6	89.3	94.1	96.2	88.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
73.8	84.5	80.6	81.5	80.5	75.0	72.0	76.1	86.1	82.8	82.3	81.4	81.4	79.2	76.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
89.4	86.9	84.5	86.1	88.1	86.2	83.4	86.3	89.7	92.8	90.7	88.5	89.6	73.7	85.6	87.7

TM30

Hue Bin	R_f	Chroma	Hue
1	89	-5%	-1%
2	87	-4%	6%
3	85	-1%	8%
4	86	7%	8%
5	88	11%	5%
6	86	11%	0%
7	83	6%	-9%
8	86	1%	-10%
9	90	-2%	-5%
10	93	-4%	0%
11	91	0%	4%
12	89	2%	4%
13	90	7%	-8%
14	74	2%	-15%
15	86	1%	-11%
16	88	-4%	-8%

OP2DW-2.5HE-20-DRY-155D

2044 K

CRI: 92.7

CRI R9: 60.4

TM30 Rf: 87.9

TM30 Rg: 104.3

CQS: 78.9

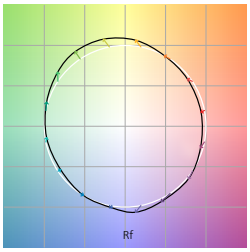
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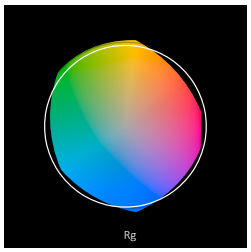
Y: 0.410

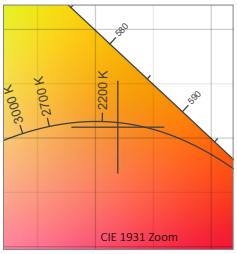
U: 0.302

V: 0.357

Δuv: -0.0013







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.8	96.6	96.0	93.5	93.1	97.2	90.5	80.6	60.4	89.9	95.1	89.9	94.8	95.9	88.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
74.1	84.6	80.6	81.8	80.8	75.2	71.9	76.2	86.2	82.8	82.3	81.6	81.6	79.6	77.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
89.7	87.3	84.9	86.3	88.1	86.0	83.4	86.4	89.9	93.2	90.9	88.6	89.6	73.8	85.7	87.7

TM30

Hue Bin	R_f	Chroma	Hue
1	90	-5%	-1%
2	87	-4%	6%
3	85	0%	8%
4	86	7%	8%
5	88	11%	5%
6	86	11%	0%
7	83	7%	-9%
8	86	1%	-10%
9	90	-2%	-5%
10	93	-4%	0%
11	91	0%	4%
12	89	2%	4%
13	90	7%	-8%
14	74	2%	-15%
15	86	1%	-10%
16	88	-3%	-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-DW-HE(2)

Linear Fixtures Color Data

OP2DW-2.5HE-20-DRY-180D

2039 K

CRI: 92.5

CRI R9: 60.2

TM30 Rf: 87.5

TM30 Rg: 104.6

CQS: 78.5

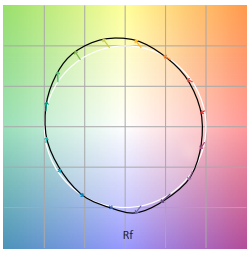
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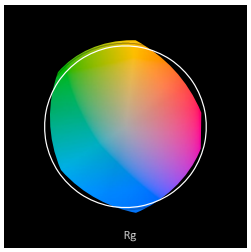
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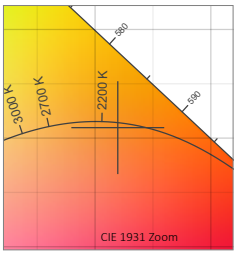
U: 0.302

V: 0.357

Δuv: -0.0014







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.5	96.5	96.4	93.2	92.9	97.1	90.3	80.4	60.2	90.0	95.0	89.9	94.6	96.2	88.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
73.6	84.4	80.4	81.6	80.3	74.4	71.2	75.6	85.8	82.6	82.0	81.1	81.1	79.4	76.8
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
89.5	86.9	84.4	85.6	87.7	85.6	82.6	85.9	89.3	93.0	90.6	88.2	89.4	73.6	85.2	87.4

TM30

Hue Bin	R_f	Chroma	Hue
1	89	-5%	-1%
2	87	-4%	6%
3	84	0%	9%
4	86	7%	8%
5	88	11%	5%
6	86	11%	0%
7	83	7%	-10%
8	86	1%	-11%
9	89	-2%	-6%
10	93	-4%	0%
11	91	0%	4%
12	88	2%	4%
13	89	7%	-8%
14	74	2%	-15%
15	85	1%	-11%
16	87	-3%	-8%

OP2DW-2.5HE-20-DRY-ASYM

2015 K

CRI: 92.0

CRI R9: 57.9

TM30 Rf: 87.7

TM30 Rg: 103.7

CQS: 78.0

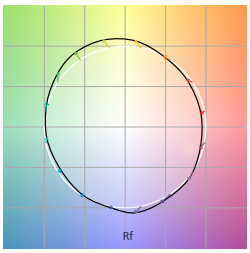
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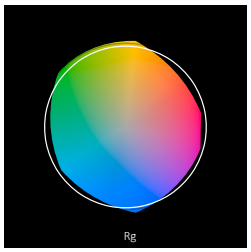
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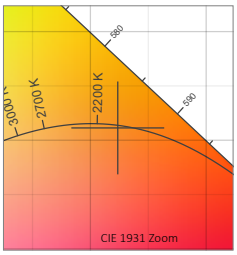
U: 0.304

V: 0.358

Δuv: -0.0007







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92.7	96.0	96.1	92.7	91.9	96.7	90.2	79.3	57.9	88.7	94.5	88.6	93.7	95.9	87.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
72.7	83.7	80.1	80.8	79.0	73.8	71.7	76.0	85.6	82.2	82.0	81.4	81.4	78.0	75.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
89.0	87.0	84.8	86.0	88.2	86.4	83.6	86.1	89.2	92.4	90.6	88.4	89.6	73.3	85.5	87.6

TM30

Hue Bin	R_f	Chroma	Hue
1	89	-5%	-1%
2	87	-4%	6%
3	85	-1%	8%
4	86	7%	8%
5	88	11%	6%
6	86	11%	0%
7	84	6%	-9%
8	86	1%	-10%
9	89	-2%	-6%
10	92	-4%	0%
11	91	-1%	4%
12	88	2%	4%
13	90	6%	-8%
14	73	2%	-15%
15	86	1%	-11%
16	88	-4%	-8%

OP2DW-2.5HE-20-DRY-FT

2031 K

CRI: 93.2

CRI R9: 61.8

TM30 Rf: 89.1

TM30 Rg: 103.5

CQS: 79.7

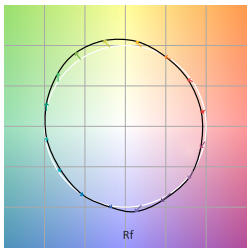
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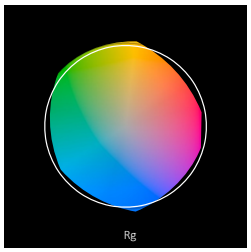
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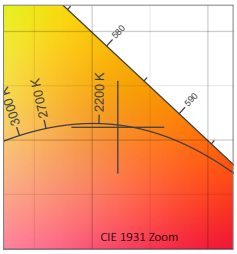
U: 0.303

V: 0.358

Δuv: -0.0007







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94.1	96.8	96.3	94.4	93.7	97.6	91.0	81.4	61.8	90.5	96.3	90.7	95.1	96.0	88.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
74.8	84.3	81.4	82.6	80.6	75.7	74.1	78.0	86.4	83.4	83.5	83.1	82.9	79.4	77.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
90.1	88.6	87.2	88.3	89.7	87.6	85.4	88.0	90.5	93.7	92.0	89.6	89.9	74.5	86.4	88.2

TM30

Hue Bin	R_f	Chroma	Hue
1	90	-4%	-1%
2	89	-3%	5%
3	87	-1%	7%
4	88	6%	7%
5	90	9%	5%
6	88	10%	1%
7	85	6%	-8%
8	88	1%	-9%
9	91	-2%	-5%
10	94	-4%	0%
11	92	0%	3%
12	90	2%	3%
13	90	6%	-8%
14	74	2%	-14%
15	86	1%	-10%
16	88	-3%	-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-DW-HE(2)

Linear Fixtures Color Data

2.5HE W/FT - 2700K

OP2DW-2.5HE-27-DRY-40D

2768 K

CRI: 97.9

CRI R9: 93.6

TM30 Rf: 94.9

TM30 Rg: 100.4

CQS: 95.6

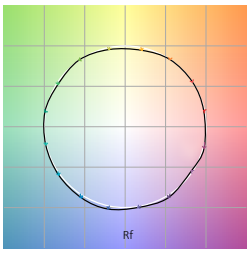
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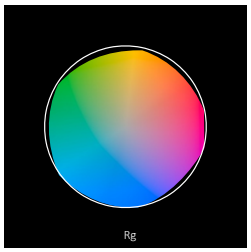
Y: 0.409

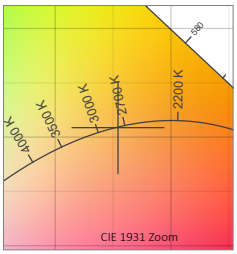
U: 0.260

V: 0.351

Δuv: -0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.1	99.2	97.2	97.9	98.3	96.9	98.1	97.4	93.6	99.8	95.1	87.3	98.1	97.2	98.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.9	95.8	93.7	94.4	96.4	97.5	96.0	97.3	97.2	97.6	97.3	96.7	97.1	95.7	94.8
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.4	97.9	96.8	94.5	96.0	97.2	93.8	97.4	95.1	93.5	93.0	92.7	94.3	93.1	94.1	91.0

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

OP2DW-2.5HE-27-DRY-60D

2795 K

CRI: 97.9

CRI R9: 94.8

TM30 Rf: 95.4

TM30 Rg: 100.9

CQS: 95.8

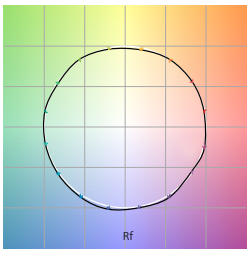
X: 0.452

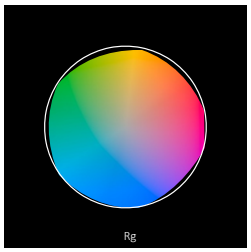
Y: 0.407

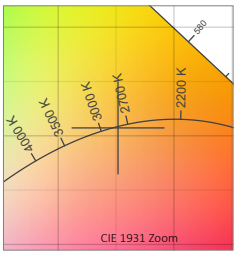
U: 0.259

V: 0.350

Δuv: -0.0005







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	99.2	97.0	97.5	98.2	96.9	98.4	98.0	94.8	99.8	94.6	88.1	97.9	97.1	99.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.9	96.1	93.7	94.9	97.1	96.6	95.5	97.2	97.2	97.4	97.5	96.9	97.3	95.9	95.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.9	98.1	96.9	95.5	96.3	97.1	94.4	97.7	96.1	94.4	93.7	93.1	94.7	93.5	94.7	91.4

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

OP2DW-2.5HE-27-DRY-70D

2774 K

CRI: 97.9

CRI R9: 94.0

TM30 Rf: 95.1

TM30 Rg: 100.6

CQS: 95.6

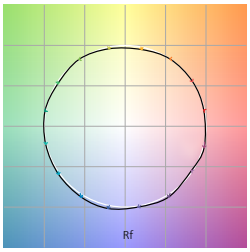
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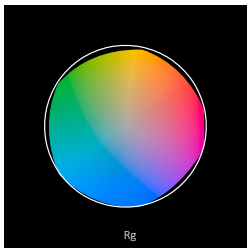
Y: 0.408

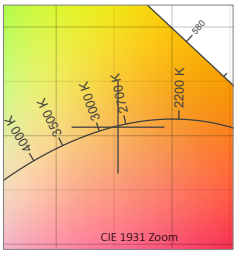
U: 0.260

V: 0.350

Δuv: -0.0005







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.0	99.1	97.1	97.9	98.3	96.9	98.1	97.5	94.0	99.8	95.2	87.8	98.0	97.2	99.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.3	95.9	93.7	94.5	96.5	97.3	95.7	97.1	97.2	97.4	97.6	96.9	97.3	95.7	95.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.5	98.0	96.9	94.9	96.1	97.2	94.2	97.7	95.5	93.8	93.3	92.9	94.5	93.3	94.4	91.2

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

Linear Fixtures Color Data

OP2DW-2.5HE-27-DRY-90D

2786 K

CRI: 97.9

CRI R9: 94.6

TM30 Rf: 95.1

TM30 Rg: 100.6

CQS: 95.7

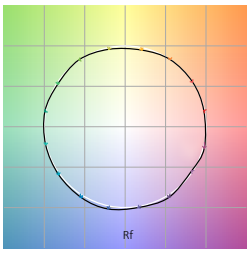
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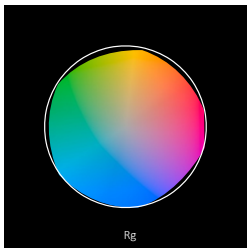
Y: 0.408

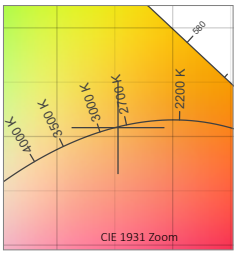
U: 0.259

V: 0.350

Δuv: -0.0003







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.9	99.3	96.9	97.6	98.2	97.0	98.4	97.9	94.6	99.7	94.7	87.8	97.9	97.1	99.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.5	96.0	93.7	94.7	96.9	97.0	95.8	97.4	97.1	97.5	97.4	96.7	97.0	95.9	95.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.7	98.0	96.8	94.9	96.1	97.2	94.1	97.5	95.6	93.8	93.3	92.9	94.6	93.4	94.4	91.1

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

OP2DW-2.5HE-27-DRY-110D

2805 K

CRI: 97.7

CRI R9: 96.0

TM30 Rf: 95.2

TM30 Rg: 101.2

CQS: 95.7

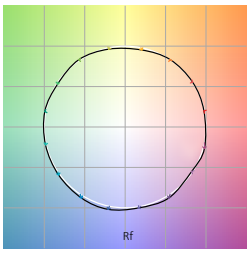
X: 0.450

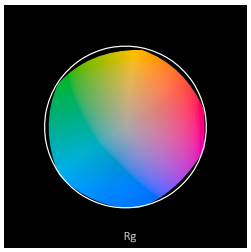
Y: 0.405

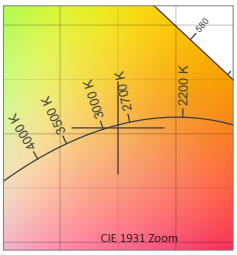
U: 0.258

V: 0.349

Δuv: -0.0011







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.5	98.8	97.3	97.3	97.8	96.4	98.4	98.4	96.0	99.2	94.3	87.9	97.5	97.3	98.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
94.1	96.1	93.5	94.7	97.1	96.5	95.0	96.9	97.3	97.3	97.8	97.3	97.6	95.6	95.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.8	98.0	96.8	95.3	96.2	97.0	94.1	97.6	95.8	94.0	93.3	92.8	94.6	93.3	94.7	91.0

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

OP2DW-2.5HE-27-DRY-155D

2791 K

CRI: 97.7

CRI R9: 94.6

TM30 Rf: 95.2

TM30 Rg: 101.1

CQS: 95.5

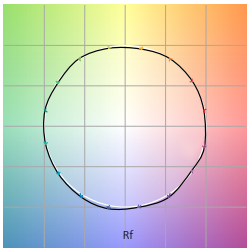
X: 0.451

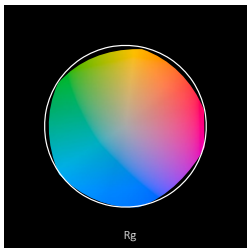
Y: 0.405

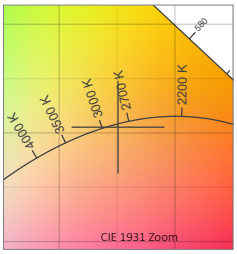
U: 0.259

V: 0.349

Δuv: -0.0012







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	98.8	97.4	97.7	98.0	96.4	98.0	97.7	94.6	99.4	94.8	87.7	97.7	97.4	99.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
94.0	96.0	93.2	94.3	96.8	96.5	94.7	96.5	97.4	97.1	97.7	97.7	97.9	95.4	95.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.7	98.0	96.9	95.4	96.1	97.0	94.2	97.8	95.9	93.9	93.2	92.7	94.4	93.1	94.6	91.0

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

Linear Fixtures Color Data

OP2DW-2.5HE-27-DRY-180D

2789 K

CRI: 97.9

CRI R9: 94.1

TM30 Rf: 94.8

TM30 Rg: 100.4

CQS: 95.6

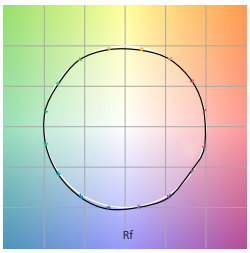
X: 0.452

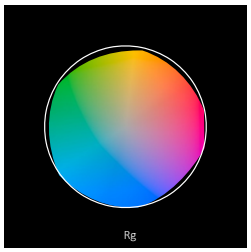
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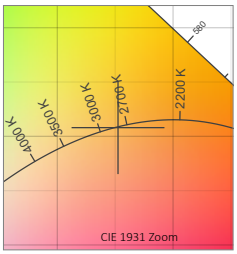
U: 0.259

V: 0.350

Δuv: -0.0003







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.0	99.2	97.3	97.9	98.3	96.8	98.1	97.5	94.1	99.9	95.2	87.0	98.0	97.3	98.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.0	95.9	93.7	94.4	96.3	97.7	96.0	97.4	97.3	97.6	97.4	96.8	97.2	95.8	94.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.3	97.9	96.7	94.2	95.9	97.2	93.7	97.3	94.8	93.0	92.8	92.7	94.3	93.1	94.0	90.8

TM30

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

OP2DW-2.5HE-27-DRY-ASYM

2788 K

CRI: 97.7

CRI R9: 94.6

TM30 Rf: 95.3

TM30 Rg: 100.9

CQS: 95.7

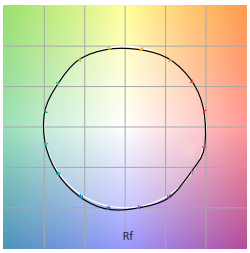
X: 0.452

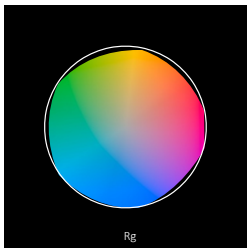
Y: 0.406

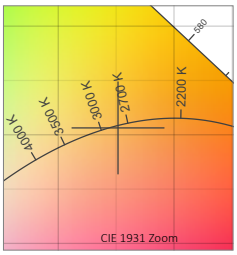
U: 0.259

V: 0.350

Δuv: -0.0009







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.7	98.8	97.4	97.5	97.9	96.4	98.1	97.8	94.6	99.4	94.6	88.3	97.6	97.3	99.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.8	96.0	93.8	94.8	97.0	96.7	95.4	97.0	97.4	97.4	97.7	97.1	97.5	95.6	95.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.8	98.0	96.9	95.3	96.3	97.1	94.3	97.6	95.9	94.2	93.6	92.9	94.4	93.3	94.6	91.2

TM30

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

OP2DW-2.5HE-27-DRY-FT

2776 K

CRI: 97.7

CRI R9: 93.6

TM30 Rf: 94.8

TM30 Rg: 100.7

CQS: 95.4

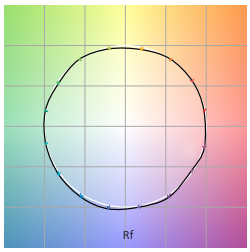
X: 0.452

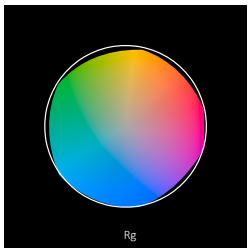
Y: 0.406

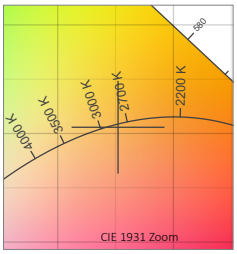
U: 0.260

V: 0.350

Δuv: -0.0011







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	98.7	97.7	98.1	98.0	96.2	97.5	97.1	93.6	99.2	95.3	87.0	97.7	97.5	98.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.2	95.8	93.3	93.8	95.9	97.5	95.1	96.4	97.5	97.2	97.7	97.6	97.9	95.2	94.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.2	97.8	96.8	94.5	95.9	97.1	93.7	97.7	94.9	93.1	92.7	92.5	94.0	92.8	94.1	90.7

TM30

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

Linear Fixtures Color Data

2.5HE W/FT - 3000K

OP2DW-2.5HE-30-DRY-40D

3072 K

CRI: 98.3

CRI R9: 91.3

TM30 Rf: 94.4

TM30 Rg: 100.2

CQS: 95.4

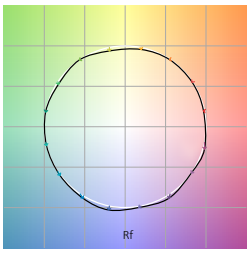
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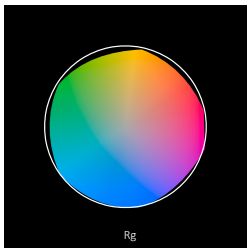
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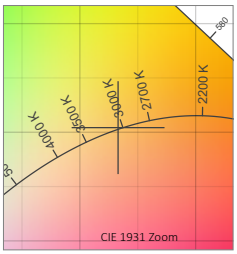
U: 0.248

V: 0.347

Δuv: 0.0006







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.4	99.1	96.1	99.7	98.7	97.8	98.5	96.7	91.3	96.1	97.6	82.7	99.7	96.8	97.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.4	96.8	92.0	92.6	95.5	97.4	96.0	97.5	97.2	97.1	97.4	97.5	98.0	96.3	95.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.1	97.9	96.8	95.3	93.8	97.4	94.1	97.9	94.4	91.2	91.1	92.4	95.3	92.9	92.6	90.3

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

OP2DW-2.5HE-30-DRY-60D

3114 K

CRI: 98.4

CRI R9: 93.8

TM30 Rf: 94.8

TM30 Rg: 100.7

CQS: 95.7

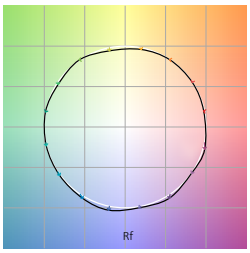
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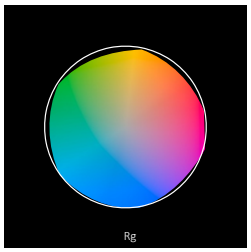
Y: 0.401

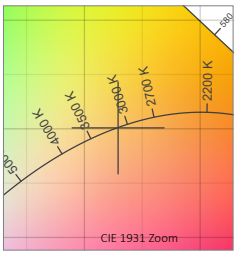
U: 0.247

V: 0.346

Δuv: -0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.0	99.7	96.4	99.1	99.1	97.7	98.7	97.7	93.8	97.5	96.8	83.9	99.2	97.0	98.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
94.0	97.0	92.2	92.9	96.0	97.9	95.8	97.5	97.3	97.3	98.0	98.2	98.2	96.6	95.8
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.4	98.1	96.9	95.7	94.1	97.4	94.2	98.2	94.8	91.8	91.6	92.6	95.4	93.2	92.9	90.6

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

OP2DW-2.5HE-30-DRY-70D

3065 K

CRI: 98.3

CRI R9: 92.2

TM30 Rf: 94.6

TM30 Rg: 100.5

CQS: 95.5

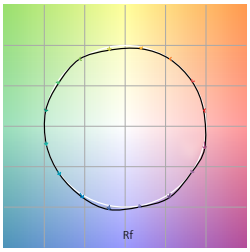
X: 0.433

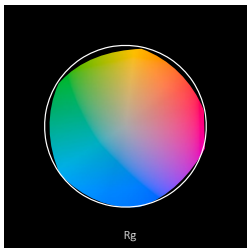
Y: 0.403

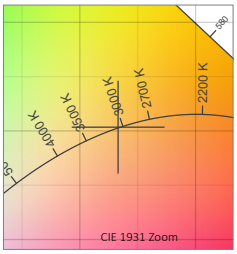
U: 0.248

V: 0.347

Δuv: 0.0003







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.4	99.3	96.0	99.4	98.9	97.8	98.7	97.1	92.2	96.4	97.3	83.5	99.7	96.8	98.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.9	96.9	92.0	92.7	95.8	97.5	95.7	97.4	97.1	97.0	97.7	97.9	98.0	96.4	95.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.3	98.0	96.8	95.6	94.0	97.4	94.2	98.2	94.7	91.6	91.3	92.5	95.4	92.9	92.8	90.3

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

Linear Fixtures Color Data

OP2DW-2.5HE-30-DRY-90D

3067 K

CRI: 98.3

CRI R9: 91.9

TM30 Rf: 94.5

TM30 Rg: 100.5

CQS: 95.4

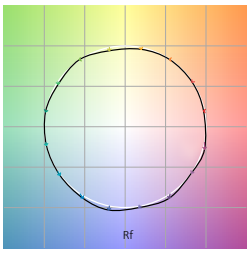
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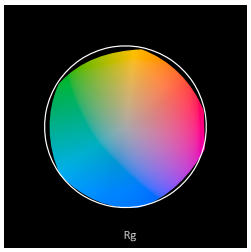
Y: 0.403

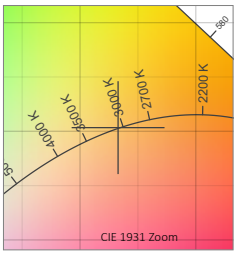
U: 0.248

V: 0.347

Δuv: 0.0003







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.4	99.3	96.2	99.5	98.9	97.7	98.6	97.0	91.9	96.5	97.3	83.2	99.8	96.9	98.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.7	96.8	91.9	92.6	95.7	97.5	95.7	97.3	97.2	97.1	97.7	97.9	98.1	96.3	95.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.2	97.9	96.7	95.6	93.9	97.4	94.1	98.1	94.6	91.5	91.2	92.3	95.3	92.8	92.6	90.2

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

OP2DW-2.5HE-30-DRY-110D

3118 K

CRI: 98.3

CRI R9: 93.1

TM30 Rf: 94.3

TM30 Rg: 100.6

CQS: 95.3

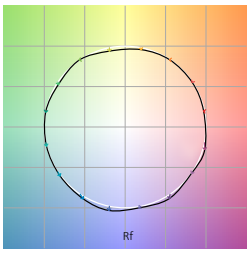
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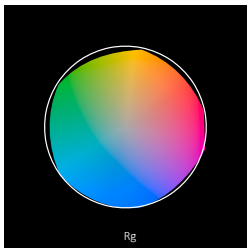
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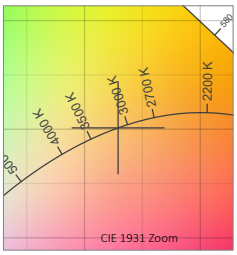
U: 0.247

V: 0.346

Δuv: 0.0001







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.2	99.4	96.0	99.5	98.8	97.6	98.7	97.4	93.1	96.6	97.3	82.3	99.5	96.8	98.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.7	97.0	91.5	92.1	95.3	97.5	95.6	97.3	97.1	97.0	97.7	98.3	98.2	96.6	95.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.1	97.9	96.7	95.2	93.6	97.3	93.8	98.1	94.2	90.7	90.6	92.2	95.3	92.7	92.5	89.9

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	0%
2	98	0%	0%
3	97	0%	1%
4	95	-2%	-1%
5	94	-4%	1%
6	97	0%	1%
7	94	-2%	2%
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%

OP2DW-2.5HE-30-DRY-155D

3112 K

CRI: 98.3

CRI R9: 92.8

TM30 Rf: 94.3

TM30 Rg: 100.5

CQS: 95.3

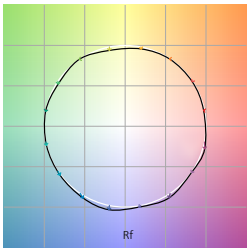
X: 0.429

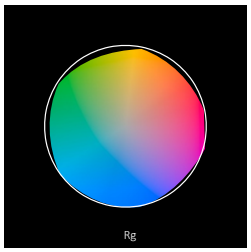
Y: 0.401

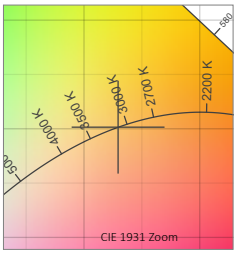
U: 0.247

V: 0.346

Δuv: 0.0001







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.2	99.4	96.2	99.5	98.8	97.6	98.6	97.3	92.8	96.7	97.3	82.2	99.6	96.9	98.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.6	96.9	91.6	92.1	95.4	97.6	95.6	97.3	97.1	97.0	97.8	98.3	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	96.7	95.2	93.6	97.3	93.8	98.1	94.2	90.8	90.7	92.2	95.3	92.8	92.4	90.0

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	0%
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%	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-DW-HE(2)

Linear Fixtures Color Data

OP2DW-2.5HE-30-DRY-180D

3104 K

CRI: 98.3

CRI R9: 92.6

TM30 Rf: 94.3

TM30 Rg: 100.5

CQS: 95.4

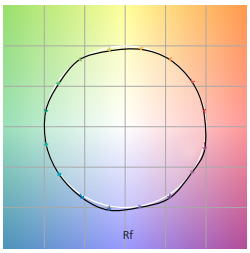
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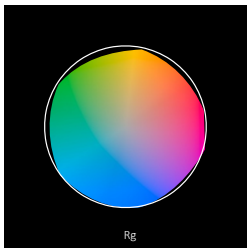
Y: 0.402

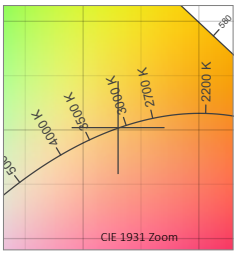
U: 0.247

V: 0.346

Δuv: 0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.2	99.4	96.1	99.4	98.9	97.6	98.6	97.2	92.6	96.7	97.2	82.4	99.6	96.8	98.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.6	96.9	91.7	92.3	95.5	97.6	95.8	97.4	97.2	97.1	97.8	98.0	98.1	96.5	95.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.1	97.9	96.7	95.3	93.6	97.3	93.8	98.0	94.2	90.9	90.8	92.2	95.3	92.7	92.4	89.8

TM30

Hue Bin	R_f	Chroma	Hue
1	96	-1%	0%
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%

OP2DW-2.5HE-30-DRY-ASYM

3088 K

CRI: 98.3

CRI R9: 92.5

TM30 Rf: 94.6

TM30 Rg: 100.6

CQS: 95.5

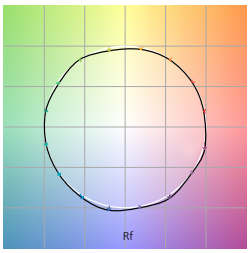
X: 0.431

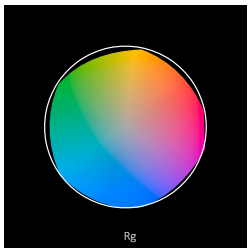
Y: 0.402

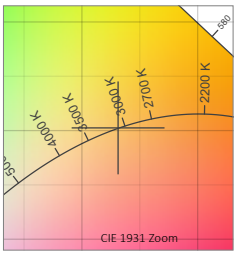
U: 0.248

V: 0.347

Δuv: 0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.4	99.3	96.1	99.4	98.9	97.7	98.7	97.3	92.5	96.4	97.3	83.2	99.8	96.8	98.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
94.0	96.9	91.8	92.5	95.7	97.4	95.5	97.3	97.1	97.0	97.7	98.1	98.2	96.5	95.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.4	98.0	96.7	95.7	94.0	97.4	94.2	98.3	94.8	91.5	91.2	92.5	95.4	93.0	92.9	90.4

TM30

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

OP2DW-2.5HE-30-DRY-FT

3070 K

CRI: 98.4

CRI R9: 96.1

TM30 Rf: 94.3

TM30 Rg: 100.2

CQS: 95.6

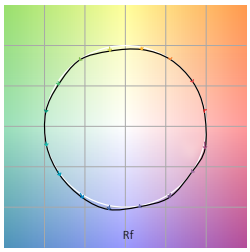
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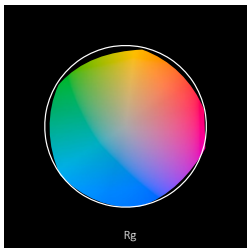
Y: 0.404

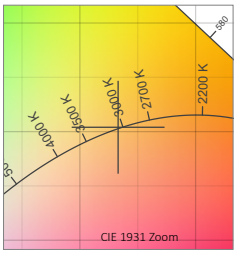
U: 0.248

V: 0.347

Δuv: 0.0005







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.6	99.8	96.0	98.8	98.8	97.9	98.9	98.4	96.1	97.5	96.8	83.2	98.9	96.7	98.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.1	96.7	92.7	93.1	95.5	97.8	96.8	98.2	97.0	97.2	97.4	97.0	97.1	97.0	95.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.2	97.9	96.9	94.7	93.5	97.2	93.4	97.3	93.7	90.9	91.4	92.6	95.5	93.4	92.5	90.6

TM30

Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	-1%
3	97	0%	0%
4	95	-3%	-2%
5	94	-5%	1%
6	97	0%	1%
7	93	-3%	3%
8	97	0%	2%
9	94	0%	4%
10	91	1%	5%
11	91	3%	5%
12	93	5%	0%
13	95	1%	-3%
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-DW-HE(2)

Linear Fixtures Color Data

2.5HE W/FT - 4000K

OP2DW-2.5HE-40-DRY-40D

4067 K

CRI: 97.0

CRI R9: 97.9

TM30 Rf: 92.8

TM30 Rg: 100.0

CQS: 94.9

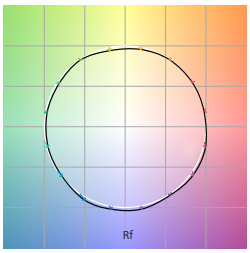
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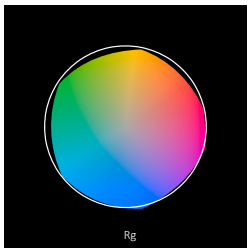
Y: 0.378

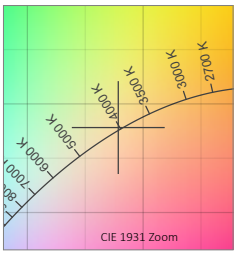
U: 0.223

V: 0.335

Δuv: 0.0012







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.2	97.3	94.0	97.9	96.3	94.0	99.4	99.1	97.9	92.0	96.8	72.1	98.0	96.2	96.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.0	99.4	88.7	88.6	93.3	95.6	96.2	98.3	97.3	97.0	97.4	98.6	99.0	99.5	97.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.5	97.4	95.8	93.5	92.4	96.5	95.2	94.3	91.1	88.2	86.0	91.1	94.9	95.0	90.6	90.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	0%
2	97	-1%	0%
3	96	-1%	1%
4	94	-3%	0%
5	92	-4%	0%
6	97	-1%	1%
7	95	-2%	1%
8	94	-2%	3%
9	91	-2%	7%
10	88	-1%	7%
11	86	3%	9%
12	91	3%	4%
13	95	4%	0%
14	95	1%	0%
15	91	3%	-4%
16	90	2%	-6%

OP2DW-2.5HE-40-DRY-60D

4072 K

CRI: 97.0

CRI R9: 97.6

TM30 Rf: 93.0

TM30 Rg: 100.0

CQS: 94.9

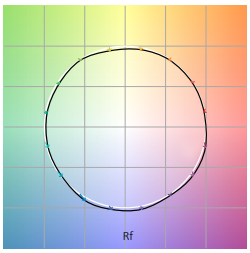
X: 0.378

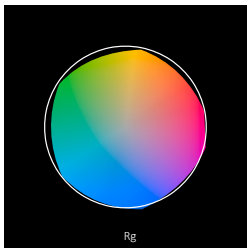
Y: 0.379

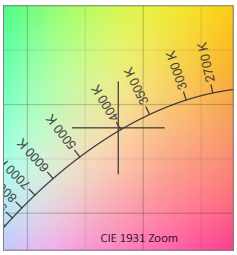
U: 0.223

V: 0.335

Δuv: 0.0014







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.1	97.2	94.1	97.8	96.2	94.0	99.4	99.1	97.6	91.8	96.7	72.3	97.8	96.2	96.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.1	99.4	88.9	88.8	93.4	95.6	96.3	98.4	97.3	97.1	97.4	98.5	98.9	99.6	98.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.6	97.4	95.8	93.7	92.6	96.6	95.4	94.4	91.3	88.5	86.3	91.2	95.0	95.1	90.8	90.3

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	0%
2	97	-1%	0%
3	96	-1%	1%
4	94	-2%	0%
5	93	-4%	0%
6	97	-1%	0%
7	95	-2%	1%
8	94	-2%	3%
9	91	-2%	6%
10	89	-1%	7%
11	86	3%	9%
12	91	3%	4%
13	95	4%	0%
14	95	1%	0%
15	91	3%	-4%
16	90	2%	-6%

OP2DW-2.5HE-40-DRY-70D

4040 K

CRI: 97.2

CRI R9: 98.5

TM30 Rf: 93.1

TM30 Rg: 100.2

CQS: 95.1

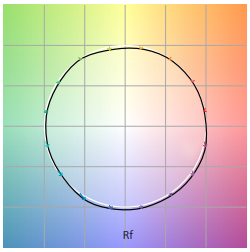
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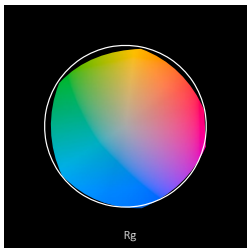
Y: 0.378

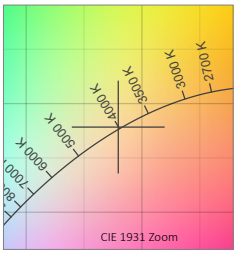
U: 0.224

V: 0.335

Δuv: 0.0010







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.5	97.5	94.1	98.2	96.6	94.3	99.4	99.2	98.5	92.3	96.9	73.3	98.2	96.2	97.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.4	99.4	89.0	89.1	93.7	96.0	96.2	98.4	97.3	97.0	97.5	98.7	99.1	99.5	98.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.8	97.6	96.0	93.8	92.7	96.7	95.5	94.6	91.5	88.8	86.5	91.3	95.2	94.7	90.9	90.4

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	0%
2	98	0%	0%
3	96	-1%	1%
4	94	-2%	0%
5	93	-4%	0%
6	97	-1%	1%
7	96	-2%	1%
8	95	-2%	3%
9	92	-2%	6%
10	89	-1%	7%
11	87	3%	9%
12	91	3%	4%
13	95	3%	0%
14	95	3%	0%
15	91	3%	-4%
16	90	2%	-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-DW-HE(2)

Linear Fixtures Color Data

OP2DW-2.5HE-40-DRY-90D

4058 K

CRI: 96.9

CRI R9: 98.2

TM30 Rf: 92.9

TM30 Rg: 100.1

CQS: 94.9

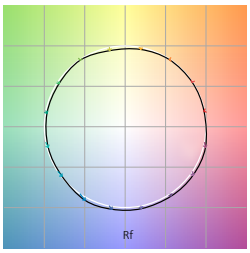
X: 0.379

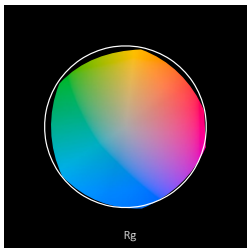
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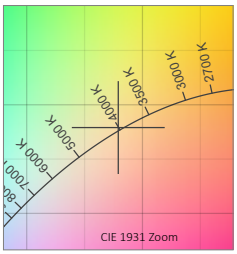
U: 0.223

V: 0.335

Δuv: 0.0015







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.1	97.2	93.9	97.9	96.2	93.9	99.2	99.1	98.2	91.7	96.7	72.2	97.8	96.1	97.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.1	99.4	88.8	88.8	93.4	95.6	96.2	98.4	97.2	97.0	97.4	98.5	98.9	99.6	98.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.6	97.5	95.8	93.6	92.4	96.5	95.3	94.3	91.2	88.3	86.1	91.1	95.2	94.6	90.7	90.2

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	0%
2	97	-1%	0%
3	96	-1%	1%
4	94	-3%	0%
5	92	-4%	0%
6	97	-1%	1%
7	95	-2%	1%
8	94	-2%	3%
9	91	-2%	6%
10	88	-1%	7%
11	86	3%	9%
12	91	3%	4%
13	95	3%	0%
14	95	3%	0%
15	91	3%	-4%
16	90	2%	-6%

OP2DW-2.5HE-40-DRY-110D

4114 K

CRI: 97.0

CRI R9: 99.1

TM30 Rf: 92.8

TM30 Rg: 100.2

CQS: 94.9

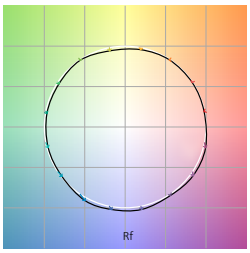
X: 0.377

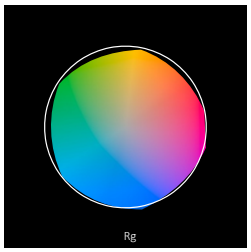
Y: 0.377

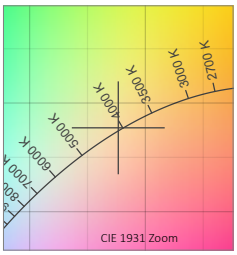
U: 0.222

V: 0.334

Δuv: 0.0013







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.3	97.2	93.9	98.1	96.4	93.9	99.1	99.0	99.1	91.9	96.7	71.5	98.0	96.1	96.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.0	99.4	88.5	88.6	93.4	95.8	96.2	98.4	97.2	97.0	97.5	98.6	98.9	99.6	97.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.6	97.5	95.7	93.5	92.4	96.5	95.4	94.4	91.2	88.3	85.8	91.7	95.1	94.9	90.5	90.0

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	0%
2	97	0%	0%
3	96	-1%	1%
4	94	-2%	0%
5	92	-4%	0%
6	96	0%	1%
7	95	-2%	1%
8	94	-2%	3%
9	91	-2%	6%
10	88	-1%	7%
11	86	3%	9%
12	92	3%	4%
13	95	4%	0%
14	95	2%	0%
15	91	3%	-4%
16	90	3%	-6%

OP2DW-2.5HE-40-DRY-155D

4107 K

CRI: 97.0

CRI R9: 98.2

TM30 Rf: 92.8

TM30 Rg: 100.3

CQS: 94.7

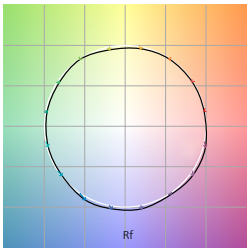
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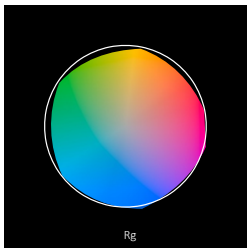
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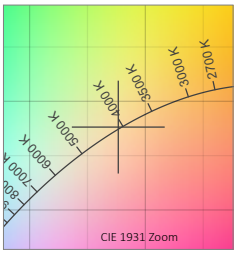
U: 0.223

V: 0.334

Δuv: 0.0009







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.2	97.2	93.9	97.9	96.3	93.8	99.3	99.2	98.2	91.7	96.6	71.8	98.0	96.1	97.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.3	99.5	88.2	88.2	93.1	95.6	95.8	98.2	97.1	96.6	97.1	98.4	99.1	99.5	98.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.6	97.4	95.5	93.5	92.5	96.5	95.5	94.5	91.3	88.2	85.7	91.5	95.1	95.0	90.7	90.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	0%
2	97	-1%	0%
3	96	-1%	1%
4	94	-2%	0%
5	93	-4%	1%
6	96	0%	0%
7	95	-2%	1%
8	95	-2%	2%
9	91	-2%	6%
10	88	-1%	7%
11	86	3%	9%
12	91	3%	4%
13	95	4%	0%
14	95	2%	0%
15	91	3%	-4%
16	90	2%	-6%

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-DW-HE(2)

Linear Fixtures Color Data

OP2DW-2.5HE-40-DRY-180D

4123 K

CRI: 97.1

CRI R9: 99.2

TM30 Rf: 92.8

TM30 Rg: 100.3

CQS: 94.7

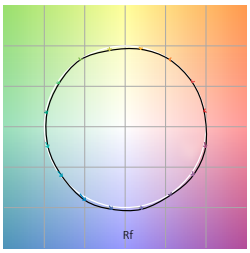
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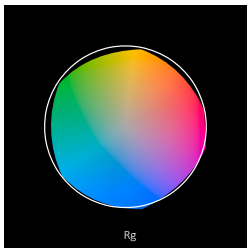
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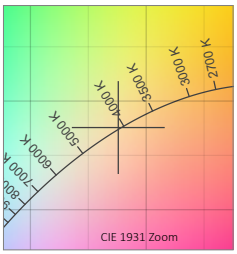
U: 0.223

V: 0.334

Δuv: 0.0008







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.4	97.5	93.9	98.1	96.5	94.0	99.3	99.0	99.2	92.2	96.7	71.9	98.2	96.1	97.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.1	99.5	88.3	88.3	93.1	95.7	96.1	98.3	97.0	96.8	97.2	98.6	99.2	99.5	97.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.6	97.5	95.7	93.5	92.4	96.5	95.4	94.4	91.2	88.2	85.8	91.6	95.0	95.0	90.6	90.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	0%
2	97	0%	0%
3	96	-1%	1%
4	94	-2%	0%
5	92	-4%	1%
6	96	0%	0%
7	95	-2%	1%
8	94	-2%	3%
9	91	-2%	6%
10	88	-1%	7%
11	86	3%	9%
12	92	3%	4%
13	95	4%	0%
14	95	2%	0%
15	91	3%	-4%
16	90	3%	-6%

OP2DW-2.5HE-40-DRY-ASYM

4087 K

CRI: 96.9

CRI R9: 98.4

TM30 Rf: 92.9

TM30 Rg: 100.3

CQS: 94.8

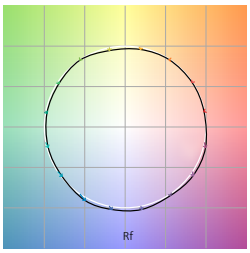
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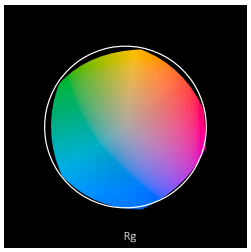
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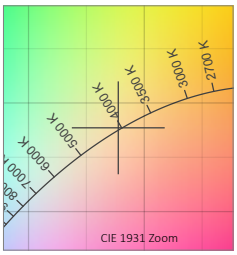
U: 0.223

V: 0.334

Δuv: 0.0010







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.2	97.2	93.7	97.9	96.3	93.8	99.2	99.3	98.4	91.6	96.6	72.2	97.9	96.0	97.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.5	99.5	88.3	88.5	93.3	95.7	95.8	98.2	97.1	96.7	97.1	98.4	99.0	99.6	98.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.7	97.5	95.6	93.7	92.6	96.5	95.6	94.6	91.6	88.5	85.9	91.6	95.1	95.0	90.8	90.2

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	0%
2	97	-1%	0%
3	96	-1%	1%
4	94	-2%	0%
5	93	-4%	1%
6	97	0%	1%
7	96	-2%	1%
8	95	-2%	2%
9	92	-2%	6%
10	88	-1%	7%
11	86	3%	9%
12	92	3%	4%
13	95	4%	0%
14	95	2%	0%
15	91	3%	-4%
16	90	2%	-6%

OP2DW-2.5HE-40-DRY-FT

4113 K

CRI: 97.4

CRI R9: 97.3

TM30 Rf: 92.4

TM30 Rg: 100.1

CQS: 94.6

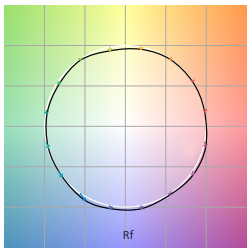
X: 0.376

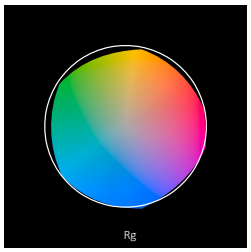
Y: 0.373

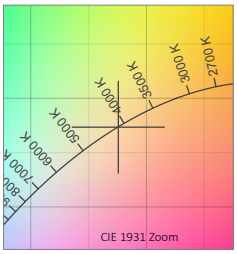
U: 0.223

V: 0.333

Δuv: -0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.8	98.7	95.0	98.2	96.9	94.9	99.1	98.0	97.3	94.7	97.3	72.0	99.2	96.7	96.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
94.0	99.3	88.6	87.9	92.6	95.5	96.6	98.4	97.3	97.3	97.4	98.9	99.7	98.9	97.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.1	97.2	95.9	93.1	91.8	96.3	94.6	93.5	89.9	87.5	85.8	92.3	95.0	94.8	90.3	90.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	0%	0%
2	97	0%	0%
3	96	0%	1%
4	93	-3%	-1%
5	92	-5%	0%
6	96	-1%	1%
7	95	-3%	2%
8	93	-2%	3%
9	90	-1%	8%
10	87	0%	8%
11	86	4%	9%
12	92	3%	3%
13	95	4%	0%
14	95	1%	0%
15	90	3%	-3%
16	90	2%	-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-DW-HE(2)

Linear Fixtures Color Data

2.5HE W/FT - 5500K

OP2DW-2.5HE-55-DRY-40D

5604 K

CRI: 96.9

CRI R9: 97.3

TM30 Rf: 91.6

TM30 Rg: 98.7

CQS: 94.1

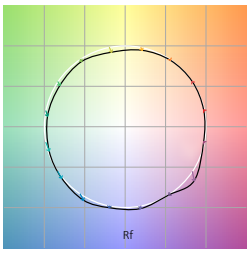
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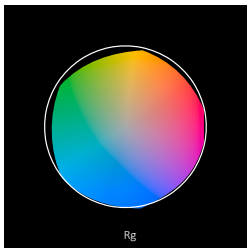
Y: 0.343

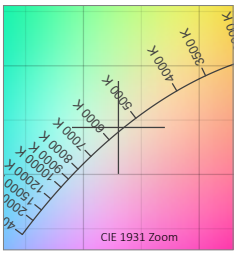
U: 0.205

V: 0.319

Δuv: 0.0012







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.9	99.6	97.7	95.7	95.7	95.1	96.7	96.7	97.3	98.3	97.1	71.8	99.3	98.6	95.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.2	98.4	89.6	86.9	90.5	93.1	97.7	98.2	98.6	98.4	97.2	97.9	98.6	98.4	96.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.3	97.0	95.3	92.3	90.3	95.5	92.2	89.1	88.0	85.6	86.3	96.8	93.7	94.5	85.2	96.0

TM30			
Hue Bin	R_f	Chroma	Hue
1	93	-1%	1%
2	97	0%	0%
3	95	-1%	-1%
4	92	-3%	-2%
5	90	-6%	-2%
6	96	-3%	0%
7	92	-5%	2%
8	89	-3%	6%
9	88	-2%	11%
10	86	1%	9%
11	86	4%	8%
12	97	2%	0%
13	94	3%	-2%
14	94	0%	-2%
15	85	8%	-8%
16	96	-1%	1%

OP2DW-2.5HE-55-DRY-60D

5632 K

CRI: 97.0

CRI R9: 95.6

TM30 Rf: 91.9

TM30 Rg: 98.9

CQS: 94.4

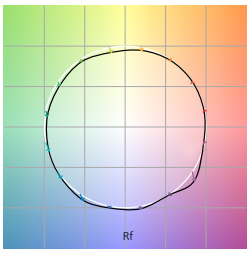
X: 0.330

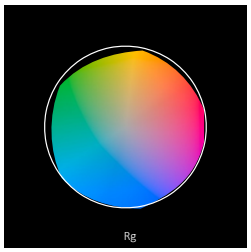
Y: 0.342

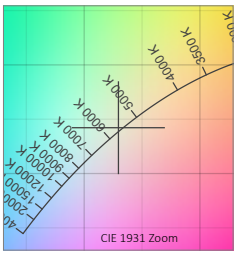
U: 0.205

V: 0.318

Δuv: 0.0014







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.9	99.3	97.9	96.2	96.0	95.4	96.8	96.7	95.6	99.0	97.9	73.0	99.0	98.7	94.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.5	98.4	90.1	87.6	91.1	93.7	98.2	98.4	98.7	98.6	97.6	98.2	98.7	98.4	96.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.4	97.1	95.5	92.6	90.5	95.7	92.5	89.4	88.5	86.3	86.8	96.9	94.0	94.7	85.6	96.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	93	0%	1%
2	97	0%	0%
3	95	0%	-1%
4	93	-3%	-2%
5	91	-6%	-2%
6	96	-3%	0%
7	93	-4%	3%
8	89	-3%	6%
9	88	-2%	11%
10	86	1%	9%
11	87	4%	7%
12	97	2%	0%
13	94	3%	-2%
14	95	0%	-2%
15	86	8%	-8%
16	96	-1%	1%

OP2DW-2.5HE-55-DRY-70D

5574 K

CRI: 97.0

CRI R9: 97.2

TM30 Rf: 91.9

TM30 Rg: 98.8

CQS: 94.3

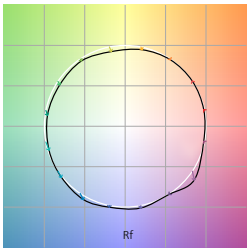
X: 0.331

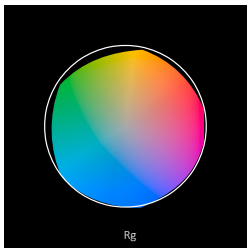
Y: 0.344

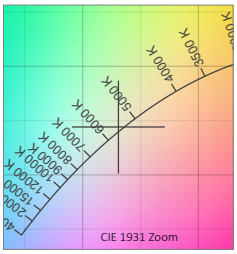
U: 0.205

V: 0.319

Δuv: 0.0010







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.1	99.7	97.6	96.0	95.9	95.3	97.0	96.8	97.2	98.2	97.4	72.5	99.3	98.6	95.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.6	98.5	89.8	87.4	90.9	93.5	97.8	98.3	98.6	98.4	97.4	98.2	98.9	98.5	96.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.6	97.2	95.5	92.6	90.6	95.8	92.6	89.6	88.5	86.1	86.6	96.9	94.0	94.7	85.6	96.2

TM30			
Hue Bin	R_f	Chroma	Hue
1	94	-1%	1%
2	97	0%	0%
3	95	-1%	-1%
4	93	-3%	-2%
5	91	-6%	-1%
6	96	-3%	0%
7	93	-4%	2%
8	90	-3%	5%
9	88	-2%	11%
10	86	1%	9%
11	87	4%	7%
12	97	2%	0%
13	94	3%	-1%
14	95	0%	-2%
15	86	8%	-8%
16	96	-1%	1%

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-DW-HE(2)

Linear Fixtures Color Data

OP2DW-2.5HE-55-DRY-90D

5642 K

CRI: 97.0

CRI R9: 96.0

TM30 Rf: 91.7

TM30 Rg: 98.8

CQS: 94.3

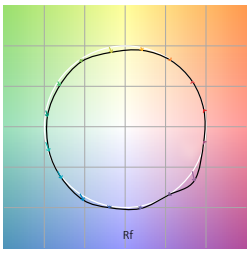
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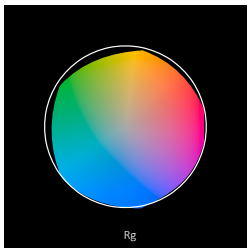
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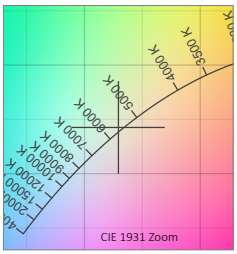
U: 0.204

V: 0.319

Δuv: 0.0011







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.0	99.5	97.7	96.0	95.9	95.2	96.8	96.6	96.0	98.7	97.6	71.9	99.1	98.6	94.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.3	98.4	89.8	87.2	90.8	93.5	98.0	98.4	98.6	98.6	97.6	98.3	99.0	98.4	96.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.3	97.1	95.4	92.4	90.3	95.6	92.3	89.2	88.2	85.9	86.4	96.9	93.8	94.6	85.3	96.0

TM30			
Hue Bin	R_f	Chroma	Hue
1	93	-1%	1%
2	97	0%	0%
3	95	0%	-1%
4	92	-3%	-2%
5	90	-6%	-2%
6	96	-3%	0%
7	92	-4%	3%
8	89	-3%	6%
9	88	-2%	11%
10	86	1%	9%
11	86	4%	8%
12	97	2%	0%
13	94	3%	-2%
14	95	0%	-2%
15	85	8%	-8%
16	96	-1%	1%

OP2DW-2.5HE-55-DRY-110D

5751 K

CRI: 97.0

CRI R9: 95.8

TM30 Rf: 91.8

TM30 Rg: 98.8

CQS: 94.2

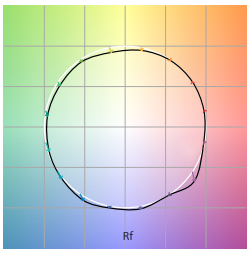
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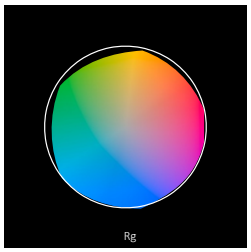
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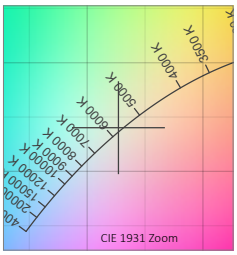
U: 0.203

V: 0.318

Δuv: 0.0013







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.9	99.5	97.5	96.0	95.8	95.1	96.9	96.7	95.8	98.4	97.5	72.0	99.1	98.5	94.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.5	98.5	89.7	87.1	90.7	93.4	97.9	98.4	98.5	98.4	97.4	98.1	98.8	98.4	96.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.4	97.1	95.4	92.4	89.7	95.7	92.5	89.3	88.3	85.8	86.3	96.9	94.0	94.7	85.4	96.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	93	0%	1%
2	97	0%	0%
3	95	0%	-1%
4	92	-3%	-2%
5	90	-6%	-1%
6	96	-3%	0%
7	92	-4%	2%
8	89	-3%	6%
9	88	-2%	11%
10	86	1%	9%
11	86	4%	8%
12	97	2%	0%
13	94	3%	-1%
14	95	0%	-2%
15	85	8%	-8%
16	96	-1%	1%

OP2DW-2.5HE-55-DRY-155D

5703 K

CRI: 96.9

CRI R9: 96.5

TM30 Rf: 91.7

TM30 Rg: 98.8

CQS: 94.1

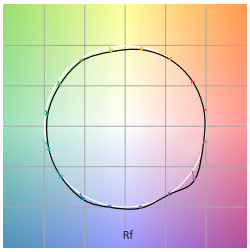
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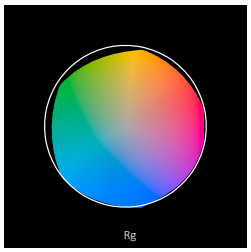
Y: 0.341

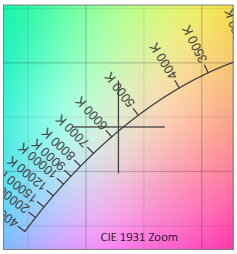
U: 0.204

V: 0.318

Δuv: 0.0013







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.9	99.5	97.5	96.0	95.8	95.0	96.9	96.8	96.5	98.3	97.5	71.8	99.2	98.5	94.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.4	98.6	89.4	86.9	90.6	93.4	97.9	98.3	98.4	98.3	97.2	98.0	98.7	98.4	96.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.3	97.0	95.3	92.4	89.6	95.8	92.5	89.3	88.1	85.6	86.1	96.8	93.9	94.6	85.2	96.0

TM30			
Hue Bin	R_f	Chroma	Hue
1	93	-1%	1%
2	97	0%	0%
3	95	0%	-1%
4	92	-3%	-2%
5	90	-6%	-1%
6	96	-3%	0%
7	92	-4%	2%
8	89	-3%	6%
9	88	-2%	11%
10	86	1%	9%
11	86	4%	8%
12	97	2%	0%
13	94	3%	-1%
14	95	0%	-2%
15	85	8%	-8%
16	96	-1%	1%

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-DW-HE(2)

Linear Fixtures Color Data

OP2DW-2.5HE-55-DRY-180D

5724 K

CRI: 96.9

CRI R9: 96.3

TM30 Rf: 91.6

TM30 Rg: 98.7

CQS: 94.1

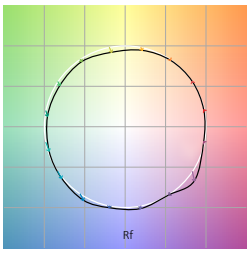
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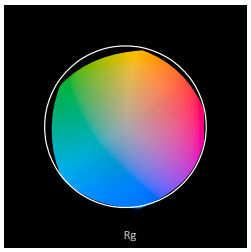
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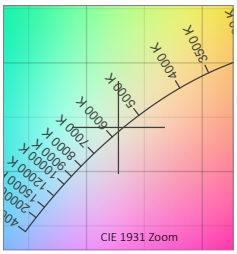
U: 0.204

V: 0.318

Δuv: 0.0013







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.9	99.5	97.7	95.8	95.7	95.1	96.7	96.6	96.3	98.7	97.4	71.7	99.1	98.7	94.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.2	98.4	89.6	86.9	90.5	93.2	97.9	98.3	98.6	98.5	97.4	98.0	98.7	98.4	96.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.2	97.0	95.3	92.3	89.4	95.6	92.2	89.0	87.9	85.5	86.2	96.8	93.7	94.5	85.1	95.9

TM30			
Hue Bin	R_f	Chroma	Hue
1	93	-1%	1%
2	97	0%	0%
3	95	-1%	-1%
4	92	-3%	-2%
5	89	-6%	-2%
6	96	-3%	0%
7	92	-5%	3%
8	89	-3%	6%
9	88	-2%	11%
10	86	1%	9%
11	86	4%	8%
12	97	2%	0%
13	94	3%	-2%
14	95	0%	-2%
15	85	8%	-8%
16	96	-1%	1%

OP2DW-2.5HE-55-DRY-ASYM

5688 K

CRI: 97.0

CRI R9: 96.0

TM30 Rf: 91.8

TM30 Rg: 98.9

CQS: 94.2

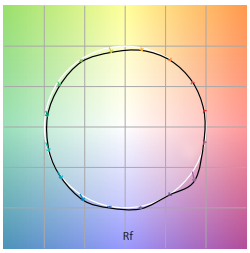
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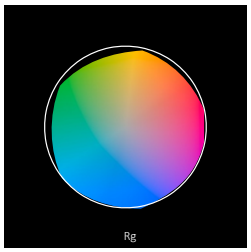
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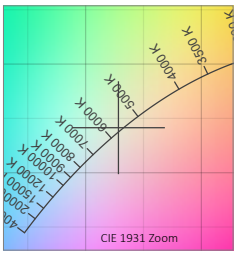
U: 0.204

V: 0.318

Δuv: 0.0012







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.0	99.6	97.4	96.1	95.9	95.1	97.0	96.8	96.0	98.2	97.4	72.2	99.2	98.5	94.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.6	98.6	89.6	87.0	90.7	93.5	97.9	98.3	98.4	98.3	97.2	98.1	98.8	98.5	96.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.4	97.1	95.4	92.5	89.7	95.8	92.5	89.4	88.3	85.8	86.3	96.9	94.0	94.7	85.4	96.1

TM30			
Hue Bin	R_f	Chroma	Hue
1	93	-1%	1%
2	97	0%	0%
3	95	0%	-1%
4	92	-3%	-2%
5	90	-6%	-1%
6	96	-3%	0%
7	93	-4%	2%
8	89	-3%	6%
9	88	-2%	11%
10	86	1%	9%
11	86	4%	8%
12	97	2%	0%
13	94	3%	-1%
14	95	0%	-2%
15	85	8%	-8%
16	96	-1%	1%

OP2DW-2.5HE-55-DRY-FT

5564 K

CRI: 96.8

CRI R9: 98.3

TM30 Rf: 91.5

TM30 Rg: 98.6

CQS: 94.0

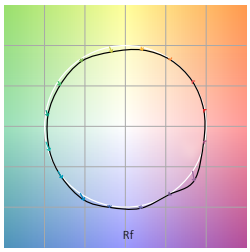
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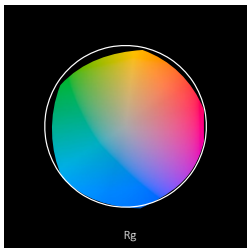
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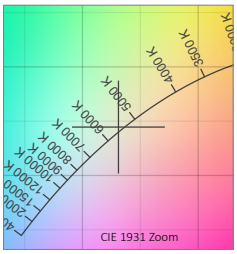
U: 0.205

V: 0.319

Δuv: 0.0009







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	99.7	97.6	95.5	95.5	94.9	96.7	96.6	98.3	97.7	96.9	71.2	99.3	98.6	95.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.1	98.4	89.3	86.6	90.3	93.0	97.4	98.0	98.7	98.3	97.1	97.8	98.5	98.5	96.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.3	97.0	95.2	92.3	90.2	95.5	92.2	89.0	87.9	85.4	85.9	96.7	93.6	94.2	84.8	95.9

TM30			
Hue Bin	R_f	Chroma	Hue
1	93	-1%	1%
2	97	0%	1%
3	95	-1%	-1%
4	92	-3%	-2%
5	90	-6%	-1%
6	96	-3%	0%
7	92	-5%	2%
8	89	-3%	6%
9	88	-2%	11%
10	85	1%	9%
11	86	4%	8%
12	97	2%	0%
13	94	3%	-2%
14	94	0%	-2%
15	85	8%	-9%
16	96	-1%	1%

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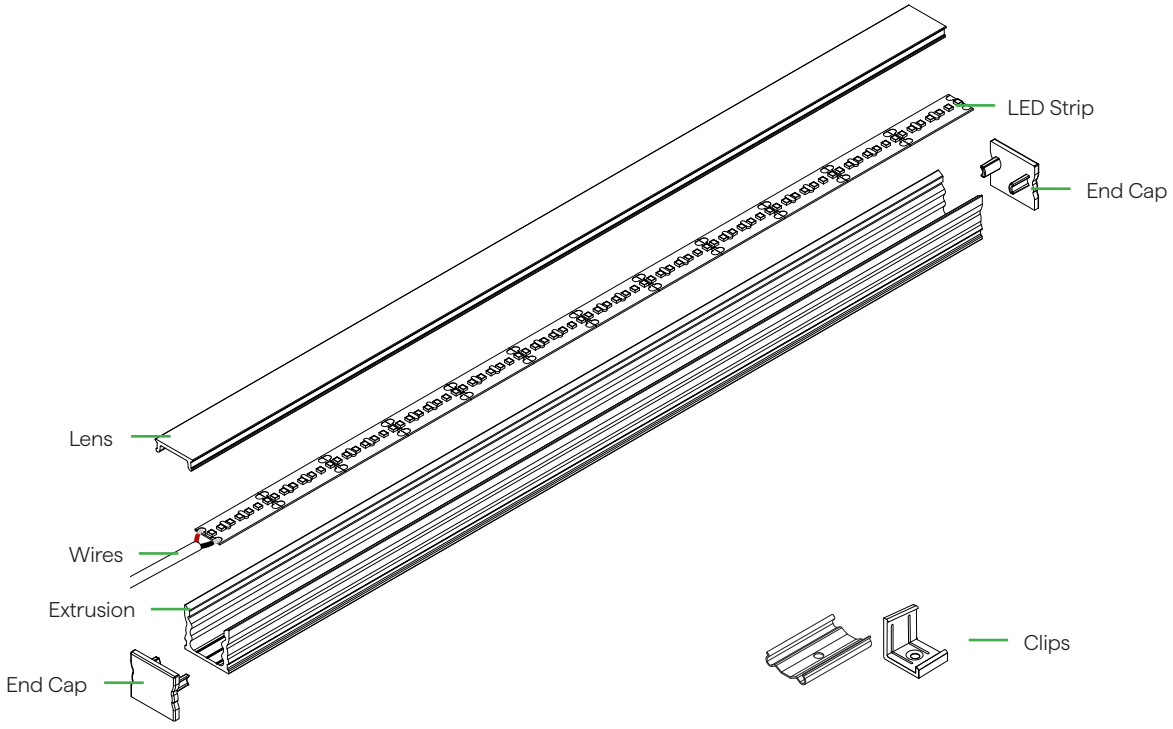
Specification subject to change. Rev-02-14-24

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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