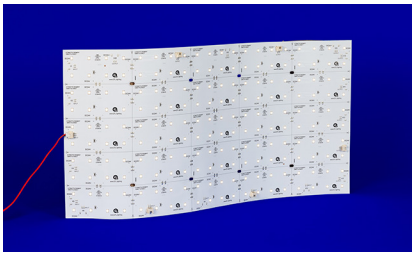
Q-SHEETS STATIC WHITE

24VDC Dimmable Flexible Sheet



- Provide even illumination
- Easy to install and field modifiable
- Multiple color temperature options
- Max number of sheets per 96W circuit: 18W - 5 sheets; 26W - 3 sheets
- 3 step MacAdam ellipse binning

1 PRODUCT	2 WATTAGE	3 RATED	4 CCT	5 QUANTITY
QS24				

Sample Part Number: **QS24-18W-DRY-30-2**

1 PRODUCT

QS24

See last page for compatible power supplies.

2 WATTAGE

18W
26W

3 RATED

DRY	IP20
DMP	IP54

4 CCT

22	2200K
25	2500K
27	2700K
30	3000K
35	3500K
42	4200K
50	5000K

5 QUANTITY

Sold in individual sheets

Field modifications must comply with QTL's installation methods otherwise warranty is null & void | All data has +/- 10% tolerance | Warranty only valid with QTL power supplies | 3 year warranty

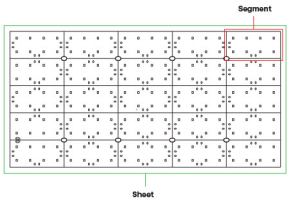
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Q-SHEETS STATIC WHITE

24VDC Dimmable Flexible Sheet

4 CCT – DELIVERED LUMENS

18W
[Calculated L70 = 54000 hrs]



CCT	Lm/Sheet	Lm/Segment	Lm/Sq. Ft	Luminous Efficacy	CRI Ra	CRI R9	TM30 Rf	TM30 Rg	Circuit Wattage/Sheet
2200K	1800	72	1451	101 Lm/W	97	87	96	102	17.76
2500K	1872	75	1509	107 Lm/W	97	96	95	100	17.52
2700K	2170	87	1750	119 Lm/W	96	98	93	100	18.31
3000K	1900	84	1532	111 Lm/W	98	98	95	103	17.09
3500K	2187	87	1763	123 Lm/W	98	97	94	101	17.76
4200K	2205	88	1778	124 Lm/W	98	96	94	100	17.76
5000K	2346	93	1891	132 Lm/W	98	89	94	101	17.76

26W
[Calculated L70 = 54000 hrs]

CCT	Lm/Sheet	Lm/Segment	Lm/Sq. Ft	Luminous Efficacy	CRI Ra	CRI R9	TM30 Rf	TM30 Rg	Circuit Wattage/Sheet
2200K	1967	67	984	83 Lm/W	96	87	96	102	23.64
2500K	2576	71	1288	99 Lm/W	97	96	95	100	25.92
2700K	2886	80	1443	111 Lm/W	96	98	92	99	26.04
3000K	2841	79	1421	113 Lm/W	98	98	96	102	25.2
3500K	2929	81	1465	117 Lm/W	98	95	94	101	24.96
4200K	3056	85	1528	116 Lm/W	98	96	94	100	26.28
5000K	3110	86	1555	126 Lm/W	98	89	94	101	24.72

TEMPERATURE RATINGS

		18W		26W	
		Min	Max	Min	Max
DRY	Ambient Operating Temp	-4°F	125°F	-4°F	120°F
	Storage Temp	-4°F	140°F	-4°F	140°F
	Installation Temp	-50°F	100°F	-50°F	100°F
DMP	Ambient Operating Temp	-4°F	120°F	-4°F	115°F
	Storage Temp	-4°F	140°F	-4°F	140°F
	Installation Temp	-50°F	100°F	-50°F	100°F

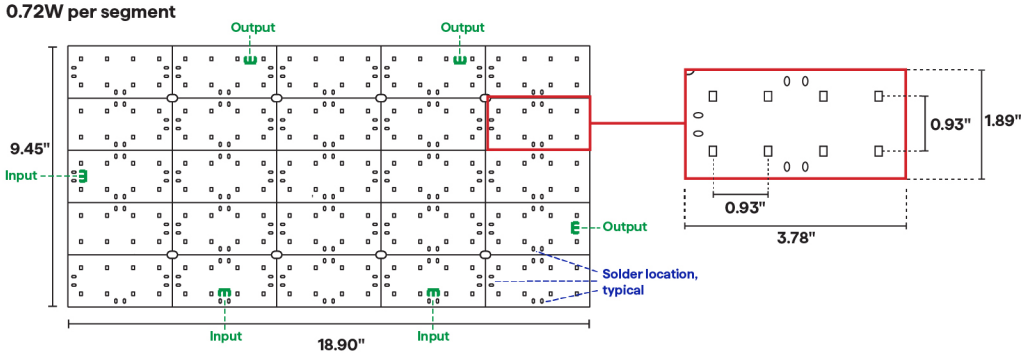
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Q-SHEETS STATIC WHITE

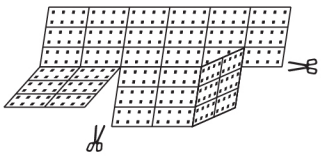
24VDC Dimmable Flexible Sheet

DIMENSIONS

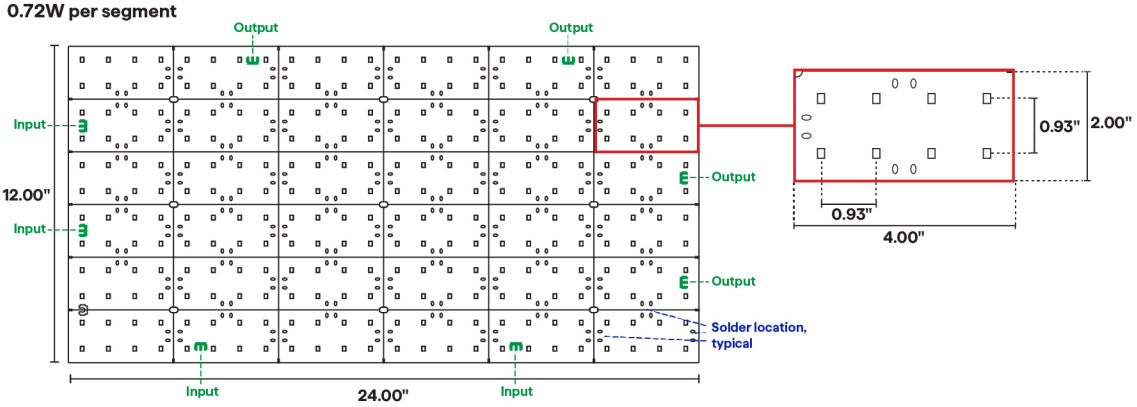
18W per sheet
0.72W per segment



NOTE:
Field cuttable at designated lines indicated on the LED sheet.



26W per sheet
0.72W per segment

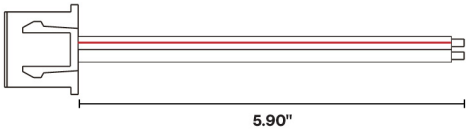


Q-SHEET THICKNESS

PCB	LED CHIPS	CONNECTORS
0.0225"	0.0555"	0.2583"

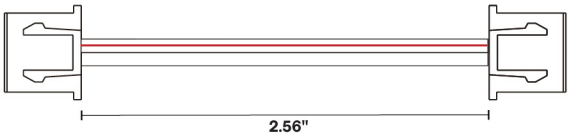
CONNECTORS

QS-LEAD-SW



Sold in packs of 5

QS-EXTEND-SW



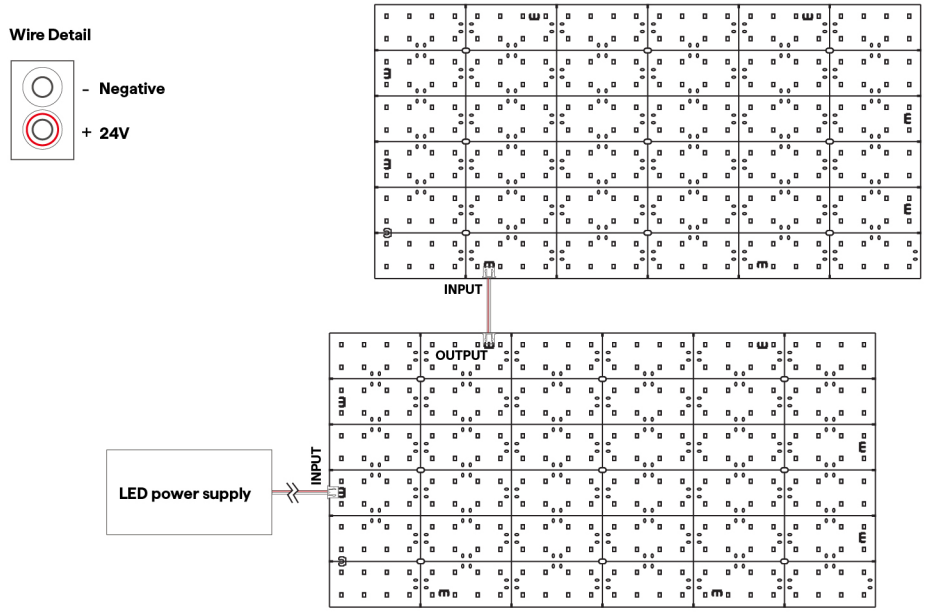
Sold in packs of 5

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Q-SHEETS STATIC WHITE

24VDC Dimmable Flexible Sheet

CONNECTION DIAGRAM



NOTE:

- Ensure the connection from power supply goes to a connection marked input
- When jumping to additional sheet, ensure sheets are in same orientation
- Ensure the jumper connection of initial sheet is on an output connector and the jumper connection of additional sheet is on input connector
- Ensure polarity is correct. If the sheets are not in the same orientation, positive terminals will not align between sheets and sheet will not function as intended

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Q-SHEETS STATIC WHITE

24VDC Dimmable Flexible Sheet

COMPATIBLE POWER SUPPLIES

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

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

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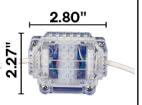
Q-SHEETS STATIC WHITE

24VDC Dimmable Flexible Sheet

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

COMPATIBLE ACCESSORIES

Q-mini-J5



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

SCENE APP DONGLE



Wi-Fi or Bluetooth Connectivity

QS-LEAD-SW



Lead Connector

QS-EXTEND-SW



Jumper Connector

COMPATIBLE APPS

NFC APP

Q-NFC

Read and write DMX addresses and adjust voltage

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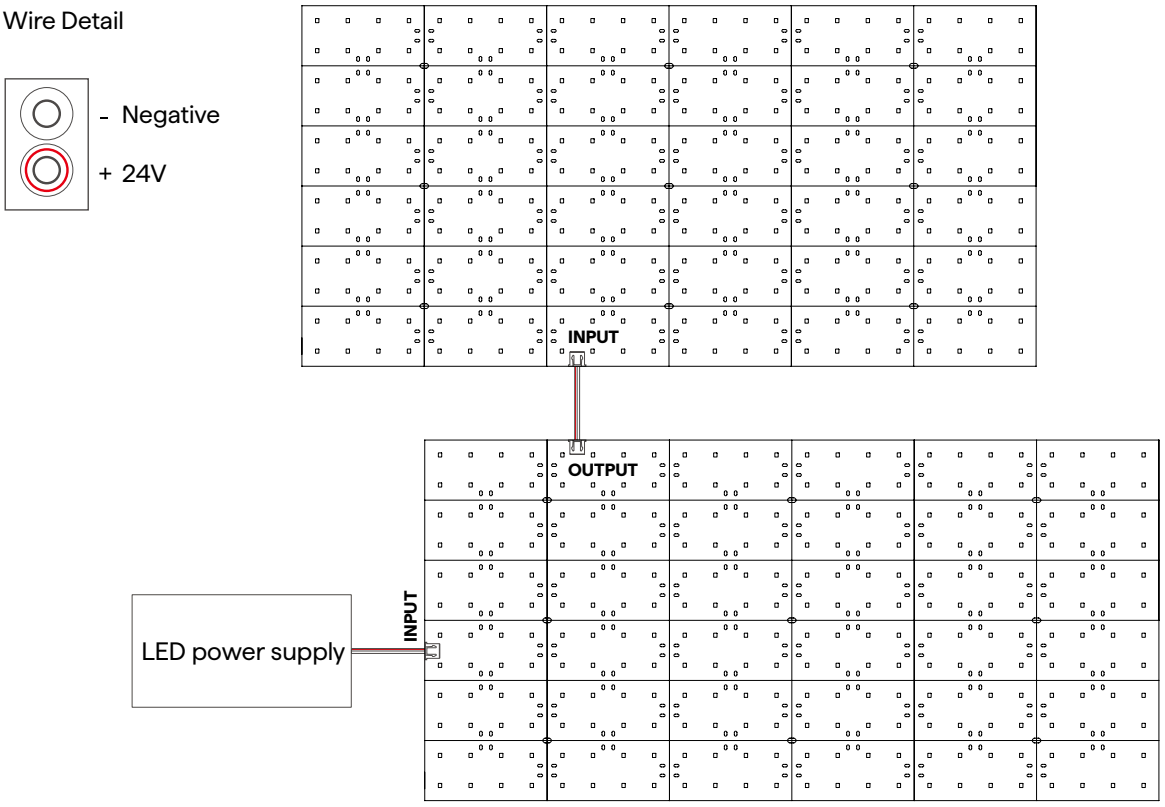
Specification subject to change. Rev-08-05-26

Q-SHEET

Flexible LED Panels Installation Instructions

CONNECTION DIAGRAMS

STATIC WHITE



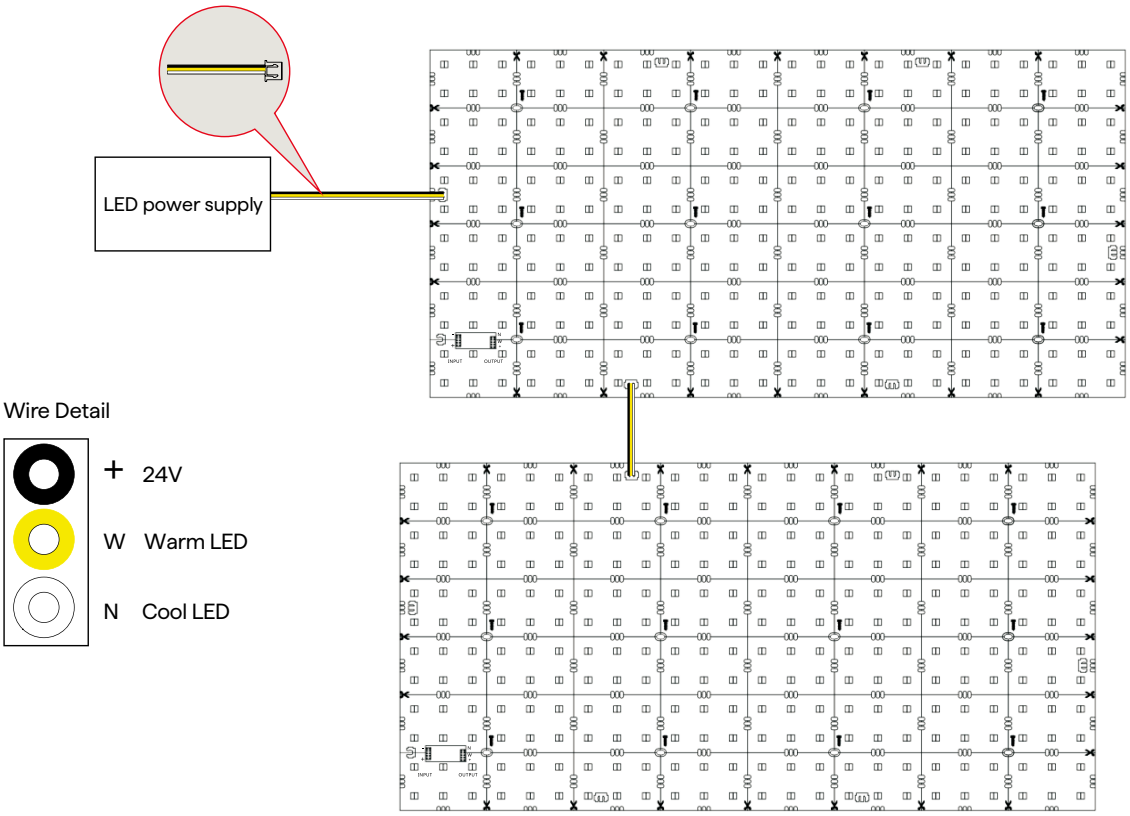
NOTE:

- Ensure the connection from power supply goes to a connection marked input
- When jumping to additional sheet, ensure panels are in same orientation
- Ensure the jumper connection of initial sheet is on an output connector and the jumper connection of additional sheet is on input connector
- Ensure polarity is correct. If the sheets are not in the same orientation, positive terminals will not align between sheets and sheet will not function as intended
- Additional wire back to power supply should be 18AWG or larger
- Length of cable back to power supply should not exceed 78"

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CONNECTION DIAGRAMS

DYNAMIC WHITE



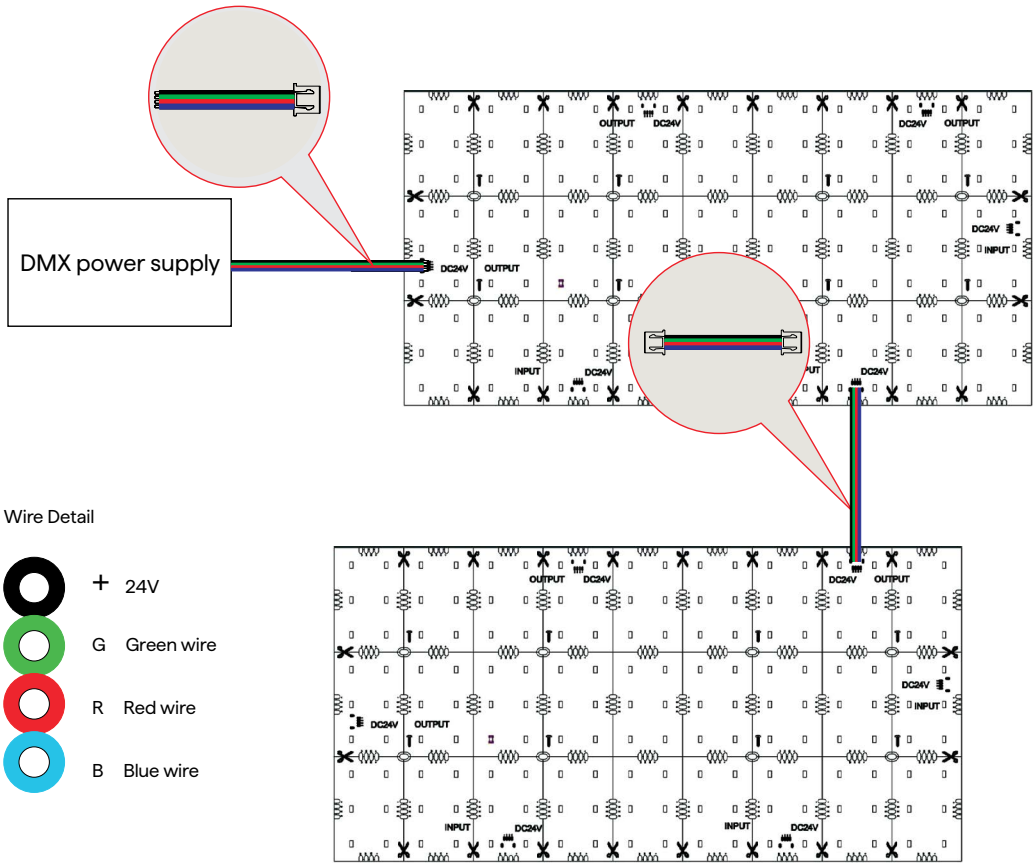
NOTE:

- Ensure the connection from power supply goes to a connection marked input
- When jumping to additional sheet, ensure panels are in same orientation
- Ensure the jumper connection of initial sheet is on an output connector and the jumper connection of additional sheet is on input connector
- Ensure polarity is correct. If the sheets are not in the same orientation, positive terminals will not align between sheets and sheet will not function as intended
- Additional wire back to power supply should be 18AWG or larger
- Length of cable back to power supply should not exceed 78"

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CONNECTION DIAGRAMS

RGB



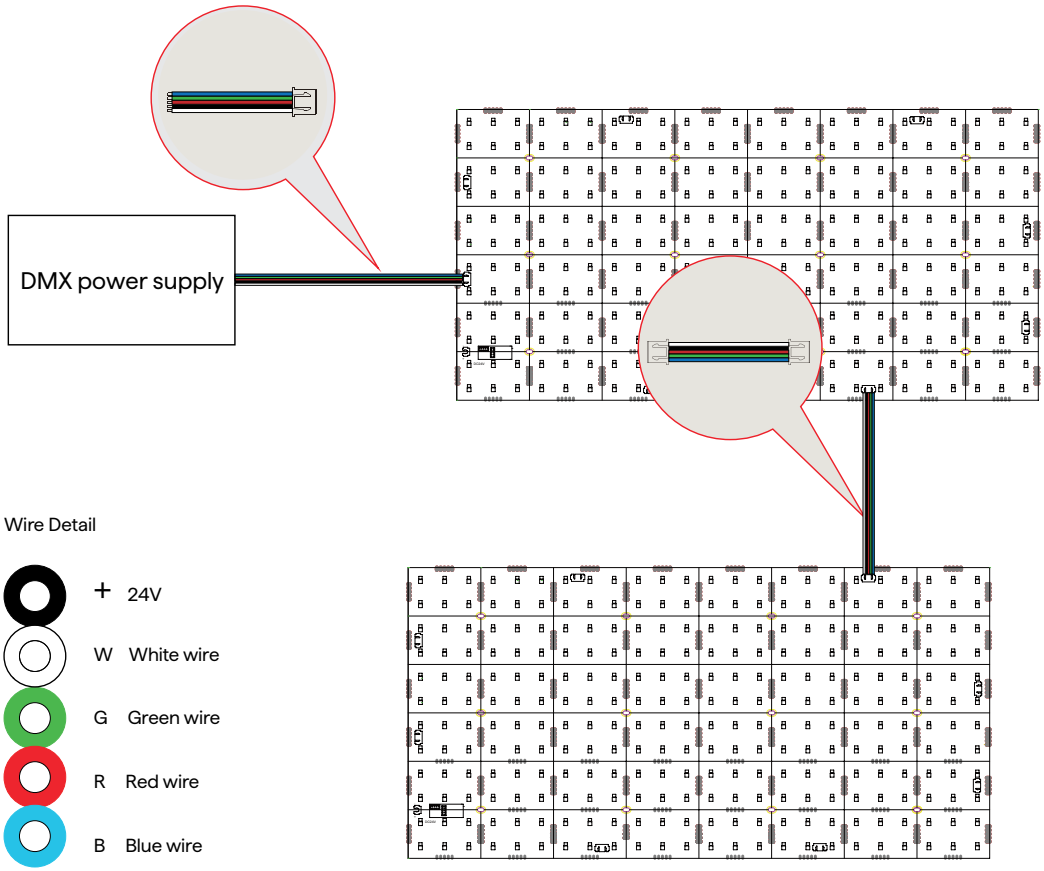
NOTE:

- Ensure the connection from power supply goes to a connection marked input
- When jumping to additional sheet, ensure panels are in same orientation
- Ensure the jumper connection of initial sheet is on an output connector and the jumper connection of additional sheet is on input connector
- Ensure polarity is correct. If the sheets are not in the same orientation, positive terminals will not align between sheets and sheet will not function as intended
- Additional wire back to power supply should be 18AWG or larger
- Length of cable back to power supply should not exceed 78"

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CONNECTION DIAGRAMS

RGBW



NOTE:

- Ensure the connection from power supply goes to a connection marked input
- When jumping to additional sheet, ensure panels are in same orientation
- Ensure the jumper connection of initial sheet is on an output connector and the jumper connection of additional sheet is on input connector
- Ensure polarity is correct. If the sheets are not in the same orientation, positive terminals will not align between sheets and sheet will not function as intended
- Additional wire back to power supply should be 18AWG or larger
- Length of cable back to power supply should not exceed 78"

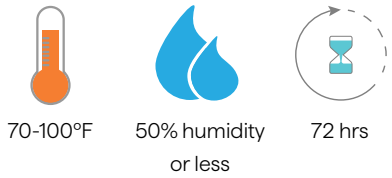
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MOUNTING

SURFACE MOUNTING METHOD: **VHB ADHESIVE MOUNT**

SURFACE PREPARATION

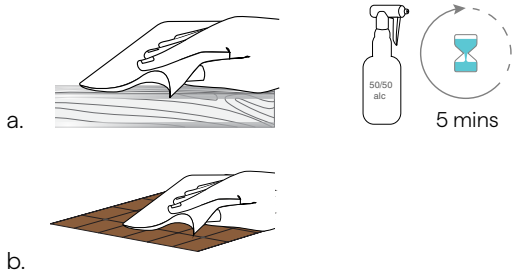
1



Temperature and environmental concerns:

- Ideal application environment is 70-100°F in 50% humidity or less
- Minimum application temperature : 50°F
- This temperature and humidity should be maintained for 72 hours after application for maximum holding force.

2



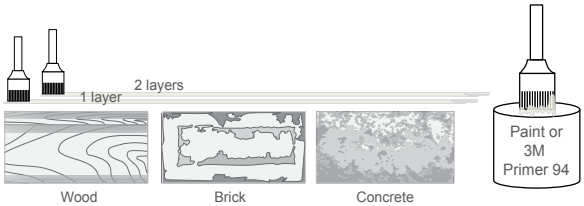
Using a 50/50 alcohol mix thoroughly clean:

a. Surface area where LEDs Sheet will be installed

b. The backside of LEDs Sheet

Allow alcohol to dry for 5 minutes.

3



For porous materials (Wood, Brick, Concrete etc.) apply two layers of paint or primer to the surface. This will help create a better bonding surface for these materials. This can be purchased from local hardware store.

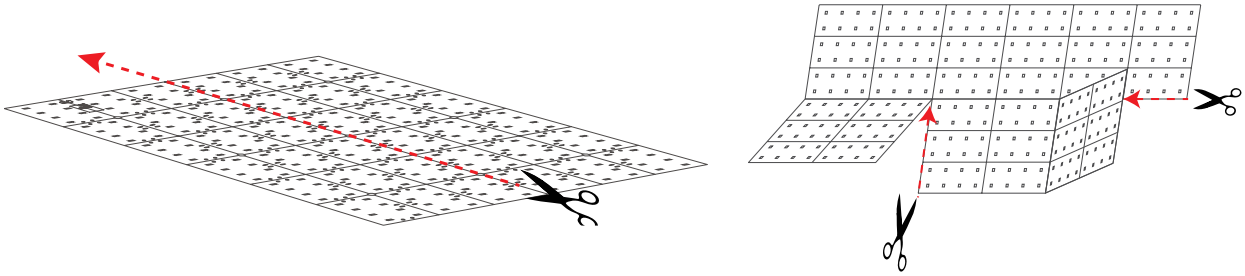
MATERIALS	SUGGESTED EPOXIES
Concrete, Stone, Cinderblock, Metal and Brick	Loctite Metal and Concrete Two-Part Epoxy
ABS, Fiberglass, Plastic and PVC	Loctite Plastic Two-Part Epoxy
Tile, Wood, Ceramic, Glass, or Metal	Loctite Clear Two-Part Epoxy
All Purpose	Strong Stik

NOTES: EPOXY ALTERNATIVE: For improved bonding performance, apply a small amount of epoxy at each end to increase holding force. Refer to table for suggested epoxies. All are available at your local hardware store. Please follow all manufacturer instructions for suggested epoxy.

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SURFACE MOUNTING METHOD: **VHB ADHESIVE MOUNT**

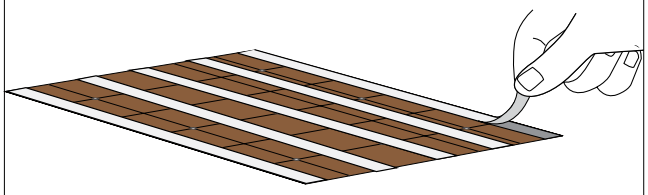
1



Cut panel to desired size, if needed.

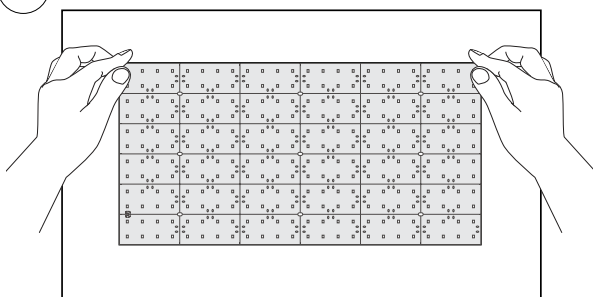
NOTE: Field cuttable at designated lines indicated on the LED sheet.

2



Remove the backing from the adhesive located on the underside of the LEDs sheet.

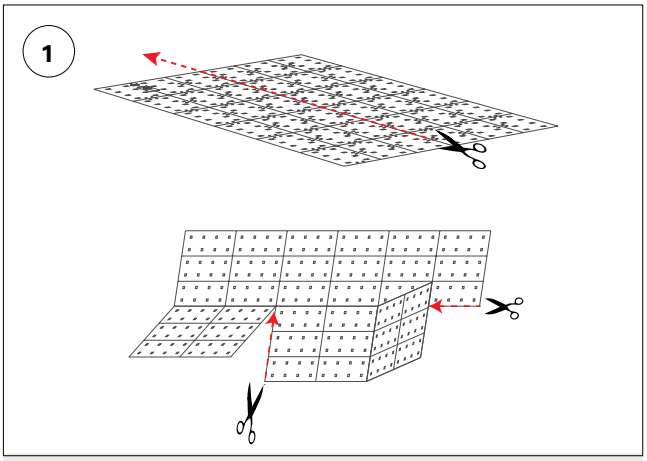
3



Apply firm even pressure when adhering the LEDs sheet in place.

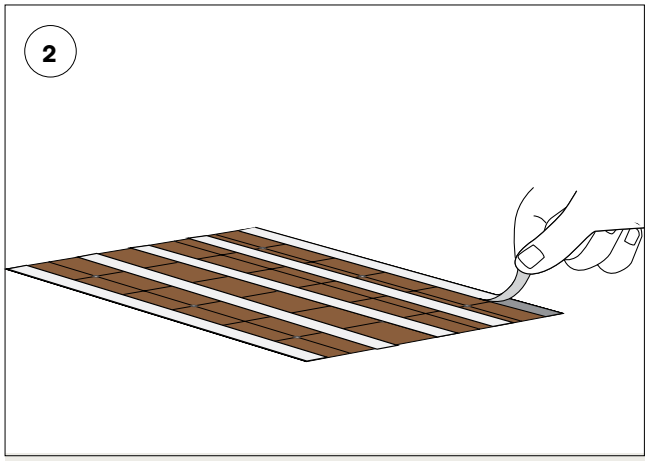
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SURFACE MOUNTING METHOD: **SCREW MOUNT**

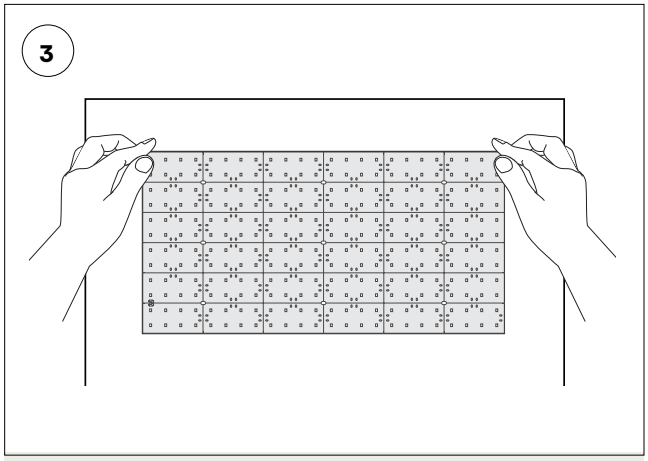


Cut panel to desired size, if needed.

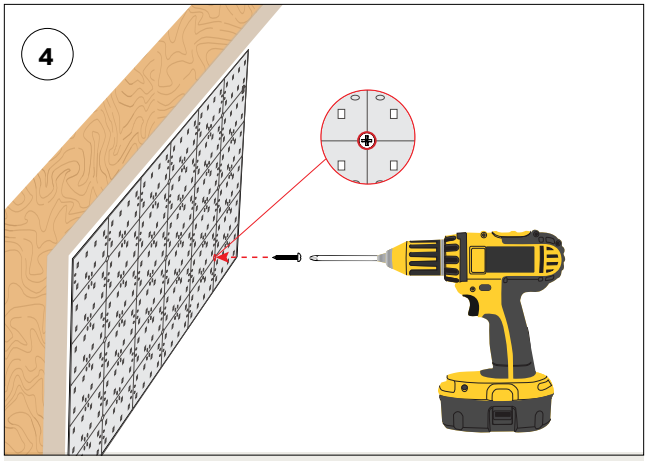
NOTE: Field cuttable at designated lines indicated on the LED sheet.



Remove the backing from the adhesive located on the underside of the LEDs sheet.



Apply firm even pressure when adhering the LEDs sheet in place.



Secure LEDs sheet using provided screws.

NOTE: Only put screws in pre-made holes with screw icons.

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Q-SHEETS-SW

Flexible LED Panels Color Data

18W

QS24-18W-DRY-22

2199 K

CRI: 96.5

CRI R9: 87.0

TM30 Rf: 95.6

TM30 Rg: 101.8

CQS: 89.5

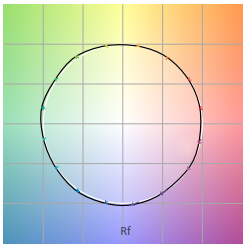
X: 0.506

Y: 0.415

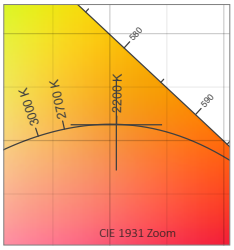
U: 0.290

V: 0.357

Δuv: -0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	98.7	97.6	95.6	97.0	94.3	96.4	94.3	87.0	98.6	90.2	92.9	97.5	97.0	97.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
87.8	89.2	91.4	90.3	88.6	87.1	89.5	91.8	91.7	91.9	90.5	90.4	91.3	89.1	88.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.4	97.3	95.7	97.6	97.2	94.6	96.8	95.1	96.3	97.0	96.3	94.7	91.8	85.8	95.9	91.9

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	0%
2	97	-1%	0%
3	96	0%	1%
4	98	-1%	-1%
5	97	0%	2%
6	95	3%	3%
7	97	2%	0%
8	95	4%	0%
9	96	1%	-1%
10	97	1%	-1%
11	96	2%	-1%
12	95	2%	-2%
13	92	2%	-9%
14	86	0%	-10%
15	96	0%	-2%
16	92	-2%	-6%

QS24-18W-DRY-25

2557 K

CRI: 97.1

CRI R9: 96.5

TM30 Rf: 95.0

TM30 Rg: 100.0

CQS: 93.2

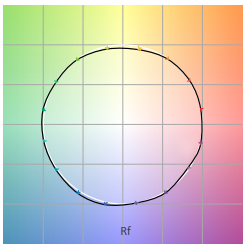
X: 0.474

Y: 0.417

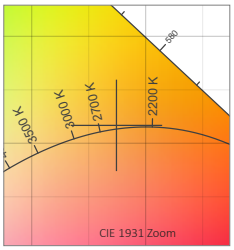
U: 0.269

V: 0.355

Δuv: 0.0012







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.5	98.8	96.3	95.0	96.6	96.1	98.9	98.9	96.5	98.8	91.2	92.2	96.7	96.6	98.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.9	94.4	96.1	95.7	95.2	95.6	95.2	93.7	92.0	90.4	91.1	91.6	93.1	95.8	94.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.9	96.8	95.6	92.8	95.8	95.4	94.7	95.3	95.6	96.7	94.9	93.6	94.0	94.3	94.1	92.7

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

QS24-18W-DRY-27

2821 K

CRI: 96.4

CRI R9: 98.0

TM30 Rf: 92.9

TM30 Rg: 99.6

CQS: 94.6

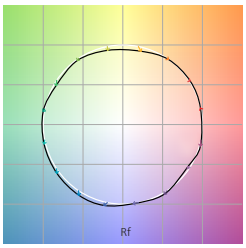
X: 0.451

Y: 0.409

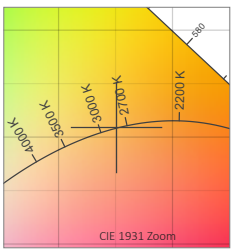
U: 0.257

V: 0.350

Δuv: 0.0003







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95.3	97.7	97.3	95.3	95.6	94.3	97.6	97.8	98.0	97.0	91.8	85.6	95.5	97.0	97.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.3	94.3	95.6	96.1	96.6	96.8	97.2	96.4	95.1	94.5	94.8	94.2	95.1	95.2	93.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.9	96.2	94.7	90.4	94.0	95.3	89.6	94.6	92.3	91.7	92.5	90.9	91.5	92.3	91.7	90.2

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	0%	1%
2	96	1%	-1%
3	95	0%	-2%
4	90	-5%	-4%
5	94	-5%	0%
6	95	-1%	3%
7	90	-3%	6%
8	95	1%	3%
9	92	2%	5%
10	92	3%	5%
11	92	5%	3%
12	91	4%	-3%
13	92	0%	-7%
14	92	2%	-5%
15	92	-3%	2%
16	90	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-02-27-24

Q-SHEETS-SW

Flexible LED Panels Color Data

QS24-18W-DRY-30

3173 K

CRI: 97.5

CRI R9: 98.1

TM30 Rf: 95.2

TM30 Rg: 102.5

CQS: 96.0

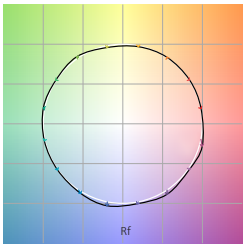
X: 0.425

Y: 0.399

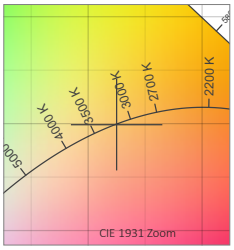
U: 0.245

V: 0.345

Δuv: -0.0003







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.3	99.6	94.8	95.6	98.2	97.6	98.8	98.2	98.1	97.9	92.6	85.4	98.0	96.1	97.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
96.4	97.4	92.1	95.2	97.6	94.4	95.0	98.4	96.9	97.4	98.2	97.0	96.8	97.2	97.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.9	97.7	96.7	97.3	94.8	95.7	94.5	96.8	96.8	95.2	92.5	92.3	95.4	93.2	93.3	89.8

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

QS24-18W-DRY-35

3494 K

CRI: 97.7

CRI R9: 97.0

TM30 Rf: 94.3

TM30 Rg: 100.9

CQS: 97.0

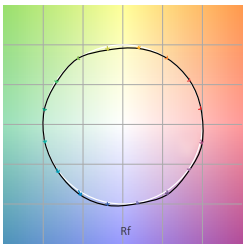
X: 0.407

Y: 0.394

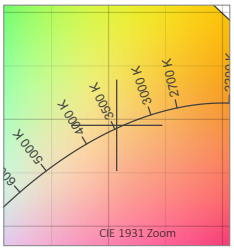
U: 0.235

V: 0.342

Δuv: 0.0012







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.7	99.4	94.7	97.3	98.9	97.7	98.8	97.5	97.0	96.9	94.9	80.9	98.3	96.1	97.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.3	98.6	93.4	95.0	98.5	99.0	98.3	99.3	98.0	98.5	98.2	97.2	97.2	98.9	97.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.3	97.2	96.4	95.2	93.6	97.0	94.6	96.2	94.9	92.2	90.5	92.7	95.9	93.4	92.4	91.2

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

QS24-18W-DRY-42

4254 K

CRI: 98.1

CRI R9: 95.9

TM30 Rf: 93.8

TM30 Rg: 100.0

CQS: 96.5

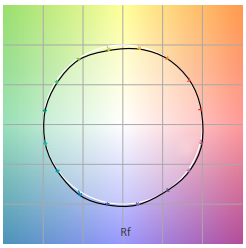
X: 0.371

Y: 0.375

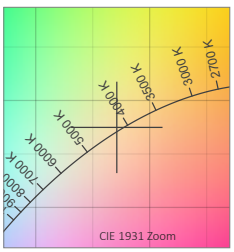
U: 0.220

V: 0.333

Δuv: 0.0019







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.2	99.3	97.5	98.5	98.3	97.5	98.0	97.2	95.9	98.9	96.9	77.6	98.1	98.2	96.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.2	98.2	94.0	94.4	96.9	98.5	99.5	99.3	97.9	96.6	97.5	96.8	97.3	99.0	96.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.0	97.3	96.3	93.9	92.7	97.1	94.8	94.1	92.0	92.6	90.2	94.0	94.4	95.2	91.2	90.9

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	0%	0%
2	97	1%	-1%
3	96	0%	-1%
4	94	-3%	-3%
5	93	-5%	-1%
6	97	-2%	1%
7	95	-2%	3%
8	94	-1%	4%
9	92	0%	6%
10	93	1%	5%
11	90	4%	6%
12	94	3%	1%
13	94	3%	-2%
14	95	0%	0%
15	91	2%	-3%
16	91	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-02-27-24

Q-SHEETS-SW

Flexible LED Panels Color Data

QS24-18W-DRY-50

5254 K

CRI: 97.5

CRI R9: 88.8

TM30 Rf: 94.3

TM30 Rg: 101.2

CQS: 96.9

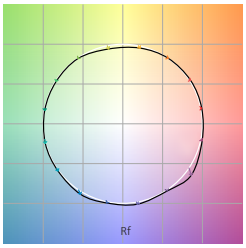
X: 0.339

Y: 0.357

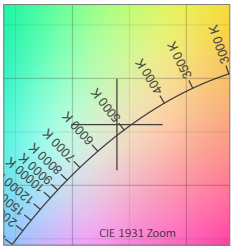
U: 0.205

V: 0.324

Δuv: 0.0018







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.7	99.4	96.3	97.1	98.9	97.6	98.1	95.2	88.8	98.8	93.8	79.9	97.9	97.7	95.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.2	98.6	93.7	95.9	99.4	98.4	99.0	98.6	98.8	97.9	97.0	96.0	96.2	98.7	96.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.0	96.3	95.6	94.4	93.8	97.4	95.6	95.0	94.3	93.6	90.6	96.5	94.5	95.1	87.7	94.6

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	1%	0%
2	96	1%	-2%
3	96	0%	-2%
4	94	-2%	-3%
5	94	-4%	-1%
6	97	-1%	1%
7	96	-1%	2%
8	95	0%	3%
9	94	0%	5%
10	94	1%	4%
11	91	3%	5%
12	97	1%	-1%
13	95	3%	-2%
14	95	1%	0%
15	88	7%	-6%
16	95	2%	-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-02-27-24

Q-SHEETS-SW

Flexible LED Panels Color Data

26W

QS24-26W-DRY-22

2183 K

CRI: 96.3

CRI R9: 86.9

TM30 Rf: 95.5

TM30 Rg: 101.7

CQS: 89.1

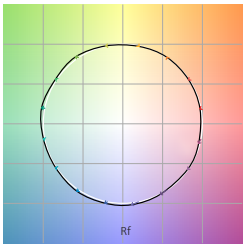
X: 0.507

Y: 0.415

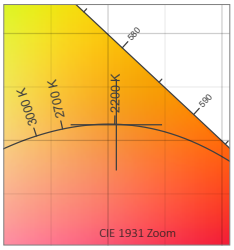
U: 0.292

V: 0.357

Δuv: -0.0003







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.7	98.5	97.8	95.5	96.8	94.0	96.3	94.1	86.9	98.2	90.0	92.3	97.3	97.2	97.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
87.4	88.8	91.3	89.7	88.1	86.8	89.5	91.6	91.3	91.4	90.1	90.0	91.0	88.7	88.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.4	97.3	95.6	97.5	97.2	94.6	96.9	95.0	96.2	96.8	96.1	94.4	91.6	85.6	95.8	91.8

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

QS24-26W-DRY-25

2556 K

CRI: 97.2

CRI R9: 95.6

TM30 Rf: 94.7

TM30 Rg: 99.6

CQS: 92.7

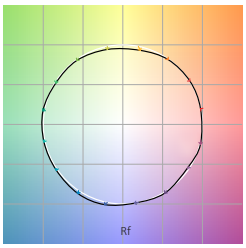
X: 0.475

Y: 0.418

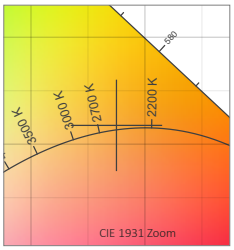
U: 0.269

V: 0.355

Δuv: 0.0015







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.8	98.9	96.3	95.2	96.8	96.2	98.7	98.5	95.6	98.9	91.5	91.8	96.9	96.6	99.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.4	94.0	96.1	95.8	95.5	96.1	94.6	93.0	91.1	89.1	90.3	91.1	92.9	95.7	93.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.6	96.7	95.3	92.0	95.3	95.0	94.0	94.9	95.2	96.4	94.6	93.4	93.8	94.2	93.7	92.5

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

QS24-26W-DRY-27

2856 K

CRI: 96.2

CRI R9: 98.0

TM30 Rf: 92.4

TM30 Rg: 99.2

CQS: 94.4

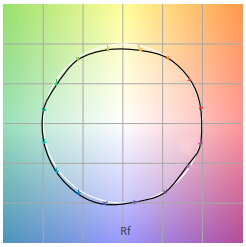
X: 0.448

Y: 0.408

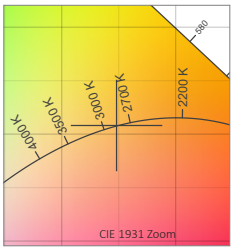
U: 0.256

V: 0.350

Δuv: 0.0002







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95.2	97.3	98.0	95.4	95.4	93.9	97.0	97.5	98.0	96.0	92.2	85.2	95.3	97.5	96.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
89.8	94.0	96.3	96.3	96.2	95.9	96.5	96.2	94.6	94.0	94.7	94.2	95.2	95.1	93.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.6	96.1	94.4	89.4	93.4	94.8	88.5	94.0	91.5	91.1	92.3	90.8	91.3	92.3	91.4	90.4

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	0%	2%
2	96	1%	-1%
3	94	0%	-2%
4	89	-6%	-5%
5	93	-5%	0%
6	95	-2%	3%
7	88	-4%	6%
8	94	1%	4%
9	91	2%	5%
10	91	3%	5%
11	92	5%	3%
12	91	4%	-4%
13	91	0%	-7%
14	92	1%	-5%
15	91	-3%	2%
16	90	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-02-27-24

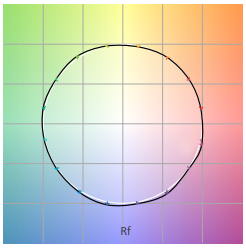
Q-SHEETS-SW

Flexible LED Panels Color Data

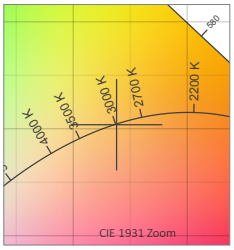
QS24-26W-DRY-30

2982 K

CRI: 97.9
CRI R9: 97.7
TM30 Rf: 95.8
TM30 Rg: 102.3
CQS: 95.9
X: 0.438
Y: 0.404
U: 0.251
V: 0.348
Δuv: -0.0003







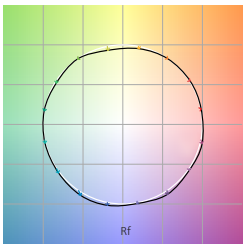
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	99.7	95.5	95.8	98.2	97.8	98.9	99.6	97.7	98.3	92.8	88.7	98.2	96.5	99.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
96.3	97.1	93.1	96.1	96.5	93.6	94.8	97.9	97.1	97.3	97.8	97.0	97.0	97.0	97.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
97.2	98.0	96.9	96.8	96.3	95.7	95.4	96.6	97.3	96.7	94.0	92.9	95.3	93.4	95.7	90.5

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

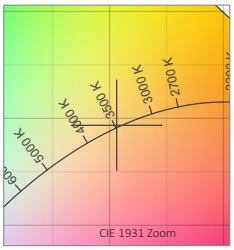
QS24-26W-DRY-35

3506 K

CRI: 97.6
CRI R9: 95.0
TM30 Rf: 94.1
TM30 Rg: 100.8
CQS: 96.9
X: 0.406
Y: 0.393
U: 0.235
V: 0.342
Δuv: 0.0010







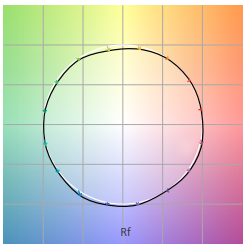
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.2	99.8	94.9	97.2	98.4	97.7	98.5	96.7	95.0	97.8	94.9	80.6	97.8	96.2	96.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
94.7	98.5	93.5	94.8	98.1	99.4	98.5	99.2	97.9	98.4	98.2	97.0	97.0	98.6	97.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.1	96.9	96.1	94.7	93.3	97.0	94.2	95.9	94.4	91.7	90.4	92.8	95.9	93.5	92.3	91.2

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

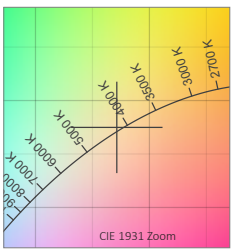
QS24-26W-DRY-42

4248 K

CRI: 97.9
CRI R9: 95.6
TM30 Rf: 93.6
TM30 Rg: 99.9
CQS: 96.4
X: 0.371
Y: 0.375
U: 0.220
V: 0.333
Δuv: 0.0019







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.0	99.2	97.7	98.2	98.2	97.5	97.8	97.0	95.6	99.0	96.8	77.4	97.9	98.2	96.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.9	98.0	94.1	94.4	96.8	98.3	99.5	99.2	97.7	96.4	97.3	96.7	97.2	98.9	96.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.8	97.2	96.1	93.5	92.4	96.9	94.5	93.8	91.7	92.4	90.2	93.9	94.2	95.1	91.1	90.8

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	0%	0%
2	97	1%	-1%
3	96	0%	-1%
4	93	-3%	-3%
5	92	-6%	-1%
6	97	-2%	1%
7	95	-2%	3%
8	94	-1%	4%
9	92	0%	6%
10	92	1%	5%
11	90	4%	6%
12	94	3%	0%
13	94	3%	-2%
14	95	0%	0%
15	91	2%	-3%
16	91	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-02-27-24

Q-SHEETS-SW

Flexible LED Panels Color Data

QS24-26W-DRY-50

5264 K

CRI: 97.6

CRI R9: 88.9

TM30 Rf: 94.3

TM30 Rg: 101.2

CQS: 96.9

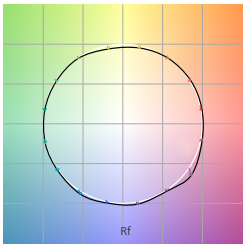
X: 0.339

Y: 0.357

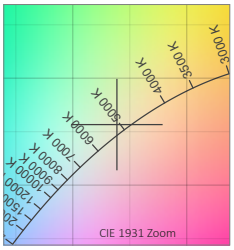
U: 0.205

V: 0.324

Δuv: 0.0018







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.7	99.4	96.4	97.1	98.9	97.6	98.2	95.3	88.9	98.8	93.8	80.0	97.9	97.7	95.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.3	98.6	93.7	95.9	99.4	98.3	99.0	98.6	98.8	97.9	97.0	96.0	96.2	98.7	97.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.0	96.4	95.6	94.4	93.8	97.4	95.7	95.1	94.4	93.7	90.6	96.6	94.6	95.1	87.7	94.6

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	1%	0%
2	96	1%	-2%
3	96	0%	-2%
4	94	-2%	-3%
5	94	-4%	-1%
6	97	-1%	1%
7	96	-1%	2%
8	95	0%	3%
9	94	0%	5%
10	94	1%	4%
11	91	3%	5%
12	97	1%	-1%
13	95	3%	-2%
14	95	1%	-1%
15	88	7%	-6%
16	95	2%	-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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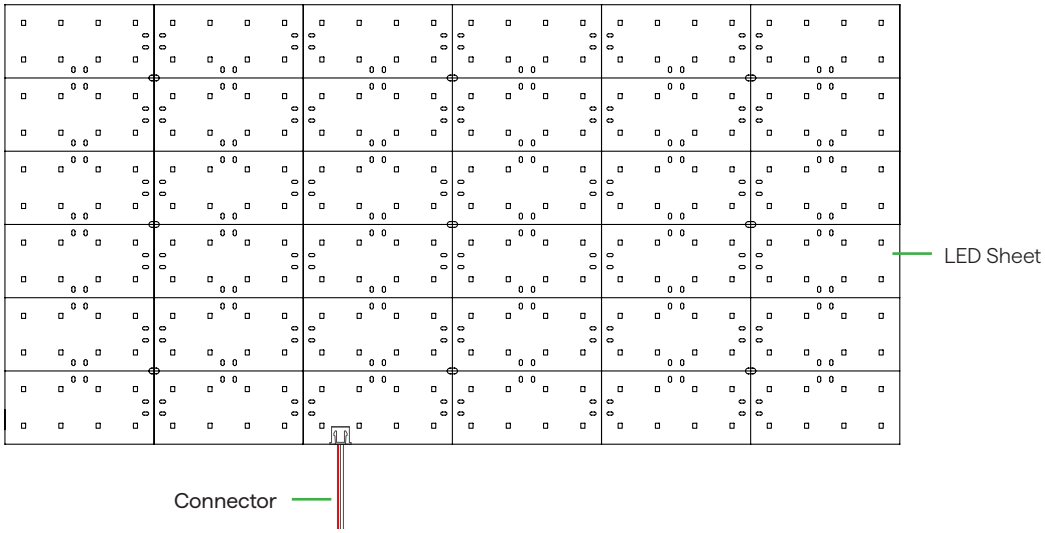
Specification subject to change. Rev-02-27-24

MATERIAL RECYCLING

Q-SHEETS

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.



E

LED Sheet
Connectors

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