



SW-HE+24/6.0

LED Strips - Static White High Efficacy Plus



Declare.

UK
CA



- Dry and wet rated with 2" cutpoints
- Field-cuttable up to 118"
- Accepted into the 2020 IES Progress Report
- Ambient operating temp: -13-115°F
- Installation temp: 50-100°F | Storage temp: -13-176°F
- Calculated L70 = 55000 hrs

1 V/WATTS	2 RATED	3 CCT	4 CONNECTOR/WIRE IN	5 CONNECTOR/WIRE OUT	6 WIRE COLOR	7 WIRE TYPE	8 ILLUMINATED LENGTH
SW-HE+24/6.0							

Sample Part Number: SW-HE+24/6.0-DRY-27-BW-CLS-WH-CL2-48"

1 V/WATTS SW-HE+24/6.0 Voltage: 24VDC Wattage: 6.0W/ft See following pages for compatible power supplies.	2 RATED DRY IP20 WET IP67	3 CCT 27 2700K 30 3000K 35 3500K 40 4000K	4 CONNECTOR/WIRE IN BW Bare Wire (Standard 24") BRL Barrel CLS Closed End (No feed) CON6 Connector 6" CON24 Connector 24"	5 CONNECTOR/WIRE OUT BW Bare Wire (Standard 24") BRL Barrel CLS Closed End (No feed) CON6 Connector 6" CON24 Connector 24"
			Connector/Wire In not needed to specify product. Typical selection is BW. BW: Standard length is 24". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)	Connector/Wire Out not needed to specify product. Typical selection is CLS or BW. BW: Standard length is 24". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)
6 WIRE COLOR WH White BK Black N/A Specify for Barrel Barrel is white	7 WIRE TYPE CL2 Class 2 CL2P Class 2 Plenum Rated N/A Specify for Barrel CL2P only available with bare wire leads (BW)			8 ILLUMINATED LENGTH DRY: 2"-118" in 2" increment WET: 2"-118" in 2" increment Dry version also available in reel lengths of 16' (Class 2) and 100'. Each reel will have a 2' soldered lead wire attached. Contact factory for larger reels. Available in reel lengths of 16' (Class 2) and 100'. Each reel will have a 2' soldered lead wire attached. Contact factory for larger reels.

COMPATIBLE EXTRUSIONS

	WIDE	ROND	TORQ	TRE3	LALO	TALO	ARKA	TELA	VEVE	FLUR	EMBD	LATO	MDIN	OPTI-FLAT	OPTI-OPTICS	THIN
DRY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DMP																
WET	✓				✓	✓	✓	✓					✓			✓

5 year warranty | Warranty only valid with QTL power supplies | Field modifications must comply with QTL's installation methods otherwise warranty is null & void | All data has +/- 5% tolerance | UL Listed



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3 CCT – LUMENS/CRI – DELIVERED LUMENS

DRY

[Calculated L70 = 55000 hrs]
Tested with SW-HE+24/6.0-DRY

CCT	Lumen/ft	Luminous Efficacy	CRI Ra	CRI R9	TM30 Rf	TM30 Rg
2700K	1091	176 Lm/W	93	62	91	100
3000K	1085	175 Lm/W	92	63	90	101
3500K	1114	186 Lm/W	93	70	90	100
4000K	1145	184 Lm/W	92	59	89	97

WET

[Calculated L70 = 55000 hrs]
Tested with SW-HE+24/6.0-WET

CCT	Lumen/ft	CRI Ra
2700K	908	93
3000K	916	92
3500K	1019	92
4000K	1026	93

TEMPERATURE RATINGS

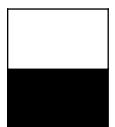
		Min	Max
DRY	Ambient Operating Temp - Surface	-13°F	115°F
	Storage Temp	-13°F	176°F
	Installation Temp	50°F	100°F

4 / 5 CONNECTOR/WIRE – IN/OUT

Connector/Wire In or Out not needed to specify product. Standard configuration is BW for Wire In and CLS for Wire out



6 WIRE COLOR



White
Black

8 ILLUMINATED LENGTH - DIMENSIONS



Section (in)	A	B	C	D
DRY (IP20)	0.39"	0.22"	2.00"	0.07"
WET (IP67)	0.47"	0.22"	2.00"	0.18"



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COMPATIBLE POWER SUPPLIES

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

DIM TO LEVEL	INDOOR	OUTDOOR
	SW24/5.0, SW-HE, SW-HE+	SW24/5.0, SW-HE, SW-HE+
Dim to Black	Q6M-DC+CAP QTM-DC+CAP iQ-PH+QD1	QOM-DC+CAP QOM-PH
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-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-DMX Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QOM-eLED+DALI-DT6 QOM-eLED+PS-DALI-DT6 QZ-DMX QZ-PH/0-10V
1%	QTM-eLED(E) QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle	

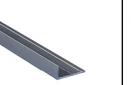
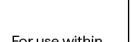


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DIMMING PROTOCOL	INDOOR	OUTDOOR
	SW24/5.0, SW-HE, SW-HE+	SW24/5.0, SW-HE, SW-HE+
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V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

COMPATIBLE MOUNTING ACCESSORIES

 QUOVA-MICRO	 SHIELD A - Medium	 SHIELD B - Medium	 BL-GRAZER	 BL-MICRO	 BL-LARGE	 SD-L-LARGE	 SD-L-MEDIUM	 SD-L-MICRO	 SD-J-LARGE
 QUOVA Knife Edge	 For standalone use	 For use within extrusions	 Backwards L Mounting Bracket	 Backwards L Mounting Bracket	 Backwards L Mounting Bracket	 L Mounting Bracket	 L Mounting Bracket	 L Mounting Bracket	 J Mounting Bracket
 IQ-STRAP	 IQ-CLIP-SS10	 IQ-CLIP-PL							
Plastic strap, Fits all LED strips	Metal clip, Fits WET strip	Plastic clip, Fits WET strip							



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COMPATIBLE WIRING ACCESSORIES

Q-NECT-02-LEAD-24 	Q-NECT-02-JUMP-3 	Q-NECT-02-INLINE 	Q-NECT-SCREW-LEAD-12 	Q-NECT-SCREW-JUMP-12 	Q-mini-J 	Q-mini-J5 	BARREL-EXT 	BARREL FOUR-FER 	CON120-EXT
CON FOUR-FER 	CON M - BARREL F 								
Connects LED board to 24" lead wire DRY ONLY	Connects two LED boards together with 3" jumper, DRY ONLY	Connects two LED boards together DRY ONLY	Connects LED board to 12" lead wire DRY ONLY	Connects two LED boards together with 12" jumper, DRY ONLY	UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)	UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)	8ft barrel cable extender DRY ONLY	8ft barrel cable extender from one to four LED Barrel connector fixtures, DRY/DMP	10ft Con cable extender DRY/DMP/WET

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

NFC APP



Read and write DMX addresses and adjust voltage