



SW-HE+24/3.0

LED Strips - Static White High Efficacy Plus



DESIGNED IN THE USA



Declare.



- Dry and wet rated with 2" cut points
- Field-cutable up to 196"
- Ambient operating temp: -13-145°F
- Installation temp: 50-100°F | Storage temp: -13-176°F
- Calculated L70 = 55000 hrs

1	2	3	4	5	6	7	8
V/WATTS	RATED	CCT - LUMENS/CRI	CONNECTOR/WIRE IN	CONNECTOR/WIRE OUT	WIRE COLOR	WIRE TYPE	ILLUMINATED LENGTH
SW-HE+24/3.0							

Sample Part Number: **SW-HE+24/3.0-DRY-27-BW-CLS-WH-CL2-48"**

1	V/WATTS	2	RATED	3	CCT - LUMENS/CRI	4	CONNECTOR/WIRE IN	5	CONNECTOR/WIRE OUT
	SW-HE+24/3.0 Voltage: 24VDC Wattage: 3.0W/ft See following pages for compatible power supplies.	DRY IP20		27 2700K 613/93 30 3000K 587/92 35 3500K 637/93 40 4000K 716/92		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)		BW Bare Wire (Standard 24") BRL Barrel CLS Closed End (No feed) CON6 Connector 6" CON24 Connector 24" 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)	
		WET IP67		27 2700K 451/94 30 3000K 460/92 35 3500K 498/93 40 4000K 637/93		BW Bare Wire (Standard 24") BRL Barrel 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)		BW Bare Wire (Standard 24") BRL Barrel CLS Closed End (No feed) CON6 Connector 6" CON24 Connector 24" 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	7	WIRE TYPE	8	ILLUMINATED LENGTH				
	WH White BK Black N/A Specify for Barrel Barrel is white	CL2 Class 2 CL2P Class 2 Plenum Rated N/A Specify for Barrel CL2P only available with bare wire leads (BW)		2"-196" 2" increments Available in reel lengths of 32' (Class 2) and 100'. Each reel will have a 2' soldered lead wire attached. Contact factory for larger reels.					
	WH White BK Black N/A Specify for Barrel Barrel is black	CL2 Class 2 CL2P Class 2 Plenum Rated N/A Specify for Barrel CL2P only available with bare wire leads (BW)		2"-196" 2" increments					

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



SW-HE+24/3.0

LED Strips - Static White High Efficacy Plus

3 CCT – LUMENS/CRI - DELIVERED LUMENS

[Calculated L70 = 55000 hrs]
Tested with SW-HE+24/3.0-DRY

CCT	Lumen/ft	Luminous Efficacy	CRI Ra	CRI R9	TM30 Rf	TM30 Rg
2700K	613	187 Lm/W	93	65	92	100
3000K	587	179 Lm/W	92	63	91	100
3500K	637	194 Lm/W	93	78	91	100
4000K	716	210 Lm/W	92	59	89	97

TEMPERATURE RATINGS

		Min	Max
DRY	Ambient Operating Temp - Surface	-13°F	145°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

BW

Bare Wire 24\"
Stranded 22 AWG

BRL

Barrel 6\" - DRY/DMP I
22 AWG

BRL

Barrel 6\" - WET I 22 AWG

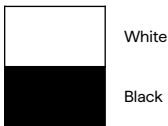
CON6/CON24

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

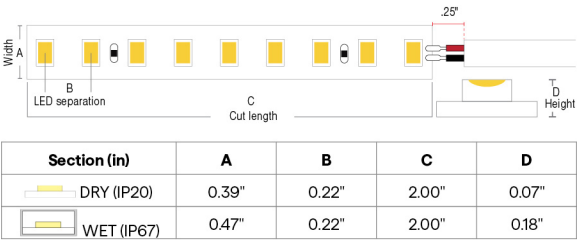
CLS

Not soldered

6 WIRE COLOR



8 ILLUMINATED LENGTH - DIMENSIONS



COMPATIBLE EXTRUSIONS

	WIDE	ROUND	TORQ	TRE3	LALO	TALO	ARKA	TELA	VEVE	FLUR	EMBD	LATO	MDIN	OPTI-FLAT	OPTI-OPTICS	THIN
DRY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
DMP																
WET	✓				✓	✓	✓	✓			EXCLUDES 30°, 45°, 60° LENS		✓			NO LENS



SW-HE+24/3.0

LED Strips - Static White High Efficacy Plus

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	




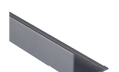
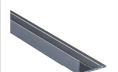
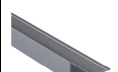
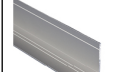

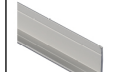
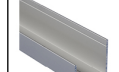





SW-HE+24/3.0

LED Strips - Static White High Efficacy Plus

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






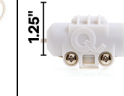
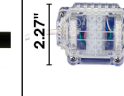





QUOVA-MICRO  QUOVA Knife Edge	SHIELD A - Medium  For standalone use	SHIELD B - Medium  For use within extrusions	BL-GRAZER  Backwards L Mounting Bracket	BL-MICRO  Backwards L Mounting Bracket	BL-LARGE  Backwards L Mounting Bracket	SD-L-LARGE  L Mounting Bracket	SD-L-MEDIUM  L Mounting Bracket	SD-L-MICRO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



SW-HE+24/3.0

LED Strips - Static White High Efficacy Plus

COMPATIBLE WIRING ACCESSORIES

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

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE  Wi-Fi or Bluetooth Connectivity
--

COMPATIBLE APPS

NFC APP  Read and write DMX addresses and adjust voltage
--