

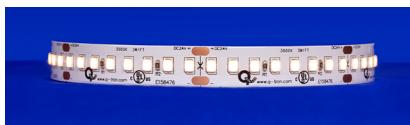


SW-HE24/3.0

LED Strips - Static White High Efficacy



CE Declare UK CA



- High-efficacy, one bin, one step static white LED tape provides consistent color project to project with exceptional photometric qualities
- 8 diodes per 2" cutpoint
- Dry and wet-rated
- Field-cuttable up to 384"
- Ambient operating temp: -4-145°F
- Installation temp: 50-100°F Storage temp: -4-140°F
- Calculated L70 = 66000 hrs

1 V/WATTS	2 RATED	3 CCT - LUMENS/CRI	4 CONNECTOR/WIRE IN	5 CONNECTOR/WIRE OUT	6 WIRE COLOR	7 WIRE TYPE	8 ILLUMINATED LENGTH
SW-HE24/3.0							

Sample Part Number: SW-HE24/3.0-WET-35-BW-BW-WH-CL2-48"

1 V/WATTS SW-HE24/3.0 Voltage: 24VDC Wattage: 3.0W/ft See following pages for compatible power supplies.	2 RATED DRY IP20	3 CCT - LUMENS/CRI 18 1800K ***/ 20 2000K 362/93 22 2200K 377/96 24 2400K 391/97 27 2700K 398/97 30 3000K 407/98 35 3500K 468/97 40 4000K 462/97	4 CONNECTOR/WIRE IN 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)	5 CONNECTOR/WIRE OUT 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 BW. BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)
	2 RATED DMP IP54	22 2200K ***/ 24 2400K 353/93 27 2700K 323/94 30 3000K 349/97 35 3500K 382/98 40 4000K 405/97	4 CONNECTOR/WIRE IN 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)	5 CONNECTOR/WIRE OUT 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 BW. BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)
	2 RATED WET IP67	18 1800K ***/ 20 2000K 309/93 22 2200K 341/96 24 2400K 357/96 27 2700K 369/97 30 3000K 381/98 35 3500K 427/98 40 4000K 411/97	4 CONNECTOR/WIRE IN 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)	5 CONNECTOR/WIRE OUT 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 DRY ▶	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 2"-384" 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.
DMP ▶	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"-180" 2" increments
WET ▶	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"-360" 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 | Title 24 - JA8-2019 Strips: DRY and WET rated, 2000K and above



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3 CCT - LUMENS/CRI - DELIVERED LUMENS

[Calculated L70 = 66000 hrs]
Tested with SW-HE24/3.0-DRY

CCT	Lumen/ft	Luminous Efficacy	CRI Ra	CRI R9	TM30 Rf	TM30 Rg
1800K	***	** Lm/W	**	**	**	***
2000K	362	121 Lm/W	93	61	91	101
2200K	377	126 Lm/W	96	90	93	98
2400K	391	130 Lm/W	97	94	92	98
2700K	398	137 Lm/W	97	96	93	100
3000K	407	140 Lm/W	98	96	93	100
3500K	468	156 Lm/W	97	93	91	98
4000K	462	154 Lm/W	97	97	91	98

TEMPERATURE RATINGS

		Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	145°F
	Storage Temp	-4°F	140°F
	Installation Temp	50°F	100°F

4 / 5 CONNECTOR/WIRE - IN/OUT

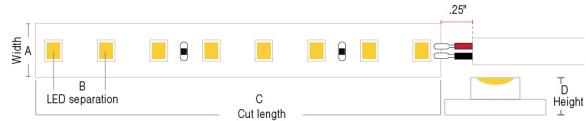
Connector/Wire In or Out not needed to specify product. Standard configuration is BW for Wire In and CLS for Wire out



6 WIRE COLOR



8 ILLUMINATED LENGTH - DIMENSIONS



Section (in)	A	B	C	D
DRY (IP20)	0.47"	0.24"	2.00"	0.07"
DMP (IP54)	0.47"	0.24"	2.00"	0.15"
WET (IP67)	0.55"	0.24"	2.00"	0.16"

COMPATIBLE EXTRUSIONS

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



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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	

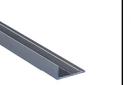
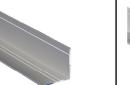


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DIMMING PROTOCOL	INDOOR	OUTDOOR
	SW24/5.0, SW-HE, SW-HE+	SW24/5.0, SW-HE, SW-HE+
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V 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 - Large	 SHIELD B - Large	 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-SS12	 iQ-CLIP-SS10	 iQ-CLIP-PL						
Plastic strap, Fits all LED strips	Metal clip, Fits DMP strip	Metal clip, Fits WET strip	Plastic clip, Fits WET strip						



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COMPATIBLE WIRING ACCESSORIES

Q-mini-J 2" width="2" height="2"/> 1.05" height="1.05"/> UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)	Q-mini-J5 2.80" width="2.80"/> 2.27" height="2.27"/> 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	Q-NECT-03-LEAD-24 .38" width=".38" height=".38"/> .61" height=".61"/> Connects LED board to 24" lead wire DRY ONLY	Q-NECT-03-JUMP-3 3" width="3" height="3"/> Connects two LED boards together with 3" jumper, DRY ONLY	Q-NECT-03-INLINE .38" width=".38" height=".38"/> .61" height=".61"/> Connects two LED boards together DRY ONLY
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COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

NFC APP



Read and write DMX addresses and adjust voltage