

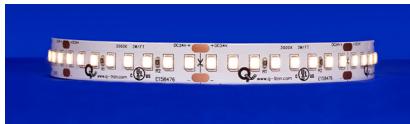


# SW-HE24/1.5

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" cut point
- Dry and wet-rated
- Field-cuttable up to 768"
- Ambient operating temp: -4-160°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-HE24/1.5							

Sample Part Number: SW-HE24/1.5-DRY-22-BW-CON24-WH-CL2-48"

1 V/WATTS SW-HE24/1.5 Voltage: 24VDC Wattage: 1.5W/ft See following pages for compatible power supplies.	2 RATED DRY IP20	3 CCT - LUMENS/CRI 18 1800K ***/ 20 2000K 187/94 22 2200K 188/96 24 2400K 196/96 27 2700K 210/97 30 3000K 222/98 35 3500K 232/97 40 4000K 231/97	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 191/93 27 2700K 167/95 30 3000K 184/97 35 3500K 199/97 40 4000K 215/97	22 2200K ***/ 24 2400K 191/93 27 2700K 167/95 30 3000K 184/97 35 3500K 199/97 40 4000K 215/97	22 2200K ***/ 24 2400K 191/93 27 2700K 167/95 30 3000K 184/97 35 3500K 199/97 40 4000K 215/97
	3 RATED WET IP67	18 1800K ***/ 20 2000K 170/93 22 2200K 172/96 24 2400K 182/96 27 2700K 188/97 30 3000K 199/98 35 3500K 212/98 40 4000K 208/97	18 1800K ***/ 20 2000K 170/93 22 2200K 172/96 24 2400K 182/96 27 2700K 188/97 30 3000K 199/98 35 3500K 212/98 40 4000K 208/97	18 1800K ***/ 20 2000K 170/93 22 2200K 172/96 24 2400K 182/96 27 2700K 188/97 30 3000K 199/98 35 3500K 212/98 40 4000K 208/97

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"-768" 2" increments Available in reel lengths of 64' (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-HE24/1.5-DRY

CCT	Lumen/ft	Luminous Efficacy	CRI Ra	CRI R9	TM30 Rf	TM30 Rg
1800K	***	** Lm/W	**	**	**	***
2000K	187	130 Lm/W	94	63	91	102
2200K	188	131 Lm/W	96	92	95	100
2400K	196	136 Lm/W	96	96	93	99
2700K	210	146 Lm/W	97	97	94	100
3000K	222	154 Lm/W	98	97	93	100
3500K	232	161 Lm/W	97	96	91	98
4000K	231	160 Lm/W	97	99	91	99

## TEMPERATURE RATINGS

		Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	160°F
	Storage Temp	-4°F	140°F
	Installation Temp	50°F	100°F

## 4 / 5 CONNECTOR/WIRE - IN/OUT

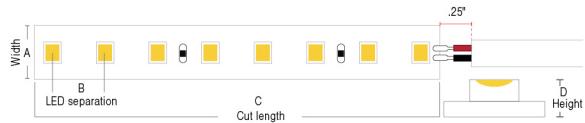
Connector/Wire In or Out not needed to specify product. Standard configuration is BW for Wire In and CLS for Wire out



## 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	

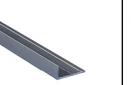


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DIMMING PROTOCOL	INDOOR	OUTDOOR
	SW24/5.0, SW-HE, SW-HE+	SW24/5.0, SW-HE, SW-HE+
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V 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"/> 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



### COMPATIBLE APPS

#### NFC APP



Read and write DMX addresses and adjust voltage