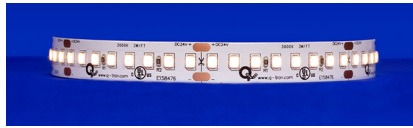




SW-HE24/1.5

LED Strips - Static White High Efficacy



- 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-cutable 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	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

DMP

WET

IP20

IP54

IP67

3

CCT

18

20

22

24

27

30

35

40

1800K

2000K

2200K

2400K

2700K

3000K

3500K

4000K

4

CONNECTOR/WIRE IN

BW

BRL

CLS

CON6

CON24

Bare Wire (Standard 24")

Barrel

Closed End (No feed)

Connector 6"

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

BRL

CLS

CON6

CON24

Bare Wire (Standard 24")

Barrel

Closed End (No feed)

Connector 6"

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

WH

BK

N/A

White

Black

Specify for Barrel

Barrel is white

7

WIRE TYPE

CL2

CL2P

N/A

Class 2

Class 2 Plenum Rated

Specify for Barrel

CL2P only available with bare wire leads (BW)

8

ILLUMINATED LENGTH

DRY: 2"-768" in 2" increment

DMP: 2"-180" in 2" increment

WET: 2"-360" in 2" increment

Dry version also 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.

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.

COMPATIBLE EXTRUSIONS

	WIDE	ROUND	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 | Title 24 - JA8-2019 Strips: DRY and WET rated, 2000K and above



SW-HE24/1.5

LED Strips - Static White High Efficacy

3 CCT – LUMENS/CRI - DELIVERED LUMENS

DRY

[Calculated L70 = 66000 hrs]
Tested with SW-HE24/1.5-DRY

CCT	Lumen/ft	Luminous Efficacy	CRI Ra	CRI R9	TM30 Rf	TM30 Rg
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

DMP

[Calculated L70 = 66000 hrs]
Tested with SW-HE24/1.5-DMP

CCT	Lumen/ft	CRI Ra
2000K	**	**
2200K	**	**
2400K	**	**
2700K	**	**
3000K	**	**
3500K	**	**
4000K	**	**

WET

[Calculated L70 = 66000 hrs]
Tested with SW-HE24/1.5-WET

CCT	Lumen/ft	CRI Ra
2000K	170	93
2200K	172	96
2400K	182	96
2700K	188	97
3000K	199	98
3500K	212	98
4000K	208	97

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

BW

Bare Wire 24\"
Stranded 22 AWG

BRL

Barrel 6\" - DRY/DMP |
22 AWG

BRL

Barrel 6\" - WET | 22 AWG

CON6/CON24

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

CLS

Not soldered

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"



SW-HE24/1.5

LED Strips - Static White High Efficacy

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	





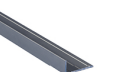
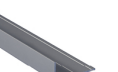
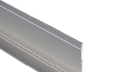

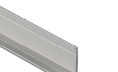
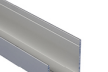






SW-HE24/1.5

LED Strips - Static White High Efficacy

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


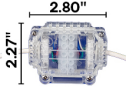







QUOVA-MICRO  QUOVA Knife Edge	SHIELD A - Large  For standalone use	SHIELD B - Large  For use within extrusions	BL-GRAZER  Backwards L Mounting Bracket	BL-MICRO  Backwards L Mounting Bracket	BL-LARGE  Backwards L Mounting Bracket	SD-L-LARGE  L Mounting Bracket	SD-L-MEDIUM  L Mounting Bracket	SD-L-MICRO  L Mounting Bracket	SD-J-LARGE  J Mounting Bracket
iQ-STRAP  Plastic strap, Fits all LED strips	iQ-CLIP-SS12  Metal clip, Fits DMP strip	iQ-CLIP-SS10  Metal clip, Fits WET strip	iQ-CLIP-PL  Plastic clip, Fits WET strip						



SW-HE24/1.5

LED Strips - Static White High Efficacy

COMPATIBLE WIRING ACCESSORIES

 <p>Q-mini-J</p> <p>2"</p> <p>1.25"</p> <p>UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)</p>	 <p>Q-mini-J5</p> <p>2.80"</p> <p>2.27"</p> <p>UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)</p>	 <p>BARREL-EXT</p> <p>8ft barrel cable extender</p> <p>DRY ONLY</p>	 <p>BARREL FOUR-FER</p> <p>Splits lead from one to four LED Barrel connector fixtures, DRY/DMP</p>	 <p>CON120-EXT</p> <p>10ft Con cable extender</p> <p>DRY/DMP/WET</p>	 <p>CON FOUR-FER</p> <p>Splits lead from one to four LED Con connectors</p> <p>DRY/DMP/WET</p>	 <p>Q-NECT-03-LEAD-24</p> <p>.61"</p> <p>.38"</p> <p>Connects LED board to 24" lead wire</p> <p>DRY ONLY</p>	 <p>Q-NECT-03-JUMP-3</p> <p>3"</p> <p>Connects two LED boards together with 3" jumper, DRY ONLY</p>	 <p>Q-NECT-03-INLINE</p> <p>.61"</p> <p>.38"</p> <p>Connects two LED boards together</p> <p>DRY ONLY</p>
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COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

