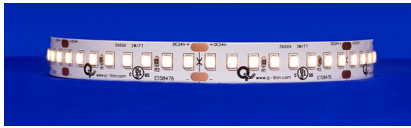




# SW-HE24/9.0

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
- Features 8 diodes per 2" cutpoint
- Dry and rated with 2" cutpoints
- Field-cutable up to 128"
- Ambient operating temp: -4-85°F
- Installation temp: 50-100°F | Storage temp: -4-140°F
- Calculated L70 = 66000 hrs
- SW-HE24/9.0 MUST BE USED WITH A COMPATIBLE EXTRUSION

1	2	3	4	5	6	7	8
V/WATTS	RATED	CCT	CONNECTOR/WIRE IN	CONNECTOR/WIRE OUT	WIRE COLOR	WIRE TYPE	ILLUMINATED LENGTH
SW-HE24/9.0	DRY						

Sample Part Number: **SW-HE24/9.0-DRY-20-BW-CLS-WH-CL2-48"**

1

V/WATTS

SW-HE24/9.0

Voltage: 24VDC  
Wattage: 9.0W/ft  
See following  
pages for  
compatible power  
supplies.

2

RATED

DRY IP20

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"-128" in 2" increment

Dry version also available in reel lengths of 10.6' (Class 2) and 100'. Each reel will have a 2' soldered lead wire attached. Contact factory for larger reels.

Available in reel lengths of 10.6' (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 rated, 2000K and above



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## 3 CCT – LUMENS/CRI - DELIVERED LUMENS

DRY

[Calculated L70 = 66000 hrs]  
Tested with SW-HE24/9.0-DRY

CCT	Lumen/ft	Luminous Efficacy	CRI Ra	CRI R9	TM30 Rf	TM30 Rg
2000K	907	105 Lm/W	92	57	90	101
2200K	909	105 Lm/W	96	87	91	97
2400K	924	107 Lm/W	96	92	92	99
2700K	1101	126 Lm/W	97	93	93	100
3000K	1159	133 Lm/W	97	96	92	100
3500K	1150	132 Lm/W	98	97	92	100
4000K	1192	136 Lm/W	97	97	90	99

## TEMPERATURE RATINGS

		Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	85°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 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





SW-HE24/9.0

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
	SW24/5.0, SW-HE, SW-HE+
Dim to Black	Q6M-DC+CAP QTM-DC+CAP IQ-PH+QD1
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
1%	QTM-eLED(E) QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle



SW-HE24/9.0

LED Strips - Static White High Efficacy

DIMMING PROTOCOL	INDOOR
	SW24/5.0, SW-HE, SW-HE+
Non-Dim	QT-CAB-eLED-ND QTM-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
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
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
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
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle

COMPATIBLE MOUNTING ACCESSORIES

QUOVA-MICRO	BL-GRAZER	BL-MICRO	BL-LARGE	SD-L-LARGE	SD-L-MEDIUM	SD-L-MICRO	SD-J-LARGE	IQ-STRAP
QUOVA Knife Edge	Backwards L Mounting Bracket	Backwards L Mounting Bracket	Backwards L Mounting Bracket	L Mounting Bracket	L Mounting Bracket	L Mounting Bracket	J Mounting Bracket	Plastic strap, Fits all LED strips

COMPATIBLE WIRING ACCESSORIES

Q-mini-J	Q-mini-J5	BARREL-EXT	BARREL FOUR-FER	CON120-EXT	CON FOUR-FER	Q-NECT-03-LEAD-24	Q-NECT-03-JUMP-3	Q-NECT-03-INLINE
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	Splits lead from one to four LED Barrel connector fixtures, DRY/DMP	10ft Con cable extender DRY/DMP/WET	Splits lead from one to four LED Con connectors DRY/DMP/WET	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



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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