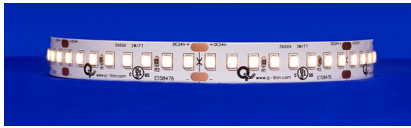




SW-HE24/9.0

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 - LUMENS/CRI	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 - LUMENS/CRI

18

1800K

/

20

2000K

907/92

22

2200K

909/96

24

2400K

924/96

27

2700K

1101/97

30

3000K

1159/97

35

3500K

1150/98

40

4000K

1192/97

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 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

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"-128"

2" increments

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.

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



SW-HE24/9.0

LED Strips - Static White High Efficacy

3 CCT – LUMENS/CRI - DELIVERED LUMENS

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

CCT	Lumen/ft	Luminous Efficacy	CRI Ra	CRI R9	TM30 Rf	TM30 Rg
1800K	***	** Lm/W	**	**	**	***
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

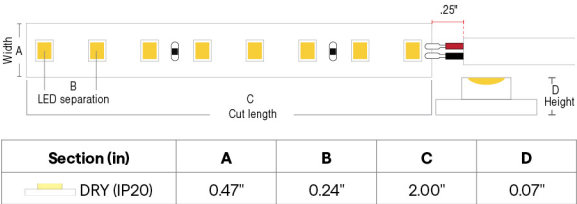
CLS

Not soldered

6 WIRE COLOR



8 ILLUMINATED LENGTH - DIMENSIONS



COMPATIBLE EXTRUSIONS

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



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



SW-HE24/9.0

LED Strips - Static White High Efficacy

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth
Connectivity

COMPATIBLE APPS

NFC APP



Read and write
DMX addresses and
adjust voltage