

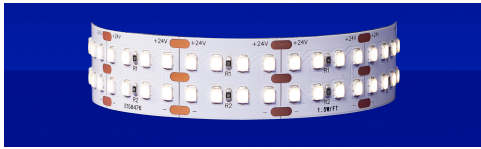


# SW-HE-DR24/9.0

LED Strips - Static White High Efficacy  
Double Row



Declare.



- High-efficacy, one bin, one step static-white LED tape provides consistent color project to project with exceptional photometric qualities
- 8 diodes per 1" cutpoint
- Field-cuttable up to 128"
- Ambient operating temp: -4-85°F
- Installation temp: 50-100°F | Storage temp: -4-140°F
- Calculated L70 = 66000 hrs
- SW-HE-DR24/9.0 MUST BE USED WITH A COMPATIBLE EXTRUSION

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-HE-DR24/9.0	DRY						

Sample Part Number: **SW-HE-DR24/9.0-DRY-20-BW-CLS-WH-CL2-48"**

1

V/WATTS

SW-HE-DR24/9.0

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 874/93

22

2200K 886/96

24

2400K 896/97

27

2700K 983/98

30

3000K 1042/98

35

3500K 1095/98

40

4000K 1092/97

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

1"-128"

1" 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



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### 3 CCT – LUMENS/CRI - DELIVERED LUMENS

[Calculated L70 = 70000 hrs]  
Tested with SW-HE-DR24/9.0-DRY

CCT	Lumen/ft	Luminous Efficacy	CRI Ra	CRI R9	TM30 Rf	TM30 Rg
1800K	**	**	**	**	**	**
2000K	874	99	93	58	91	101
2200K	886	100	96	88	93	98
2400K	896	100	97	91	95	101
2700K	983	111	98	93	94	100
3000K	1042	117	98	93	94	100
3500K	1095	124	98	92	93	100
4000K	1092	124	97	98	92	100

### 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 |  
22 AWG

**CON6/CON24**

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

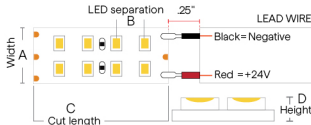
**CLS**

Not soldered

### 6 WIRE COLOR



### 8 ILLUMINATED LENGTH - DIMENSIONS



Section (in)	A	B	C	D
DRY (IP20)	0.78"	0.25"	1.00"	0.05"

### COMPATIBLE EXTRUSIONS

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



SW-HE-DR24/9.0

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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
	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-HE-DR24/9.0

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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
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



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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