

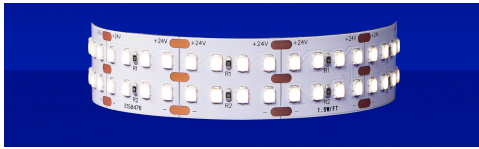


# SW-HE-DR24/3.0

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 384"
- Ambient operating temp: -4-145°F
- Installation temp: 50-100°F | Storage temp: -4-140°F
- Calculated L70 = 66000 hrs

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-HE-DR24/3.0	DRY						

Sample Part Number: **SW-HE-DR24/3.0-DRY-35-BW-BW-WH-CL2-48"**

1

V/WATTS

SW-HE-DR24/3.0

Voltage: 24VDC  
Wattage: 3.0W/ft  
See following pages for compatible power supplies.

2

RATED

DRY

IP20

3

CCT - LUMENS/CRI

18

1800K

\*\*/\*\*

20

2000K

304/93

22

2200K

296/96

24

2400K

317/97

27

2700K

347/98

30

3000K

362/98

35

3500K

379/98

40

4000K

379/97

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

1"-384"

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-DR24/3.0-DRY

CCT	Lumen/ft	Luminous Efficacy	CRI Ra	CRI R9	TM30 Rf	TM30 Rg
1800K	**	**	**	**	**	**
2000K	304	101	93	60	91	102
2200K	296	98	96	92	93	98
2400K	317	106	97	95	94	100
2700K	347	116	98	93	94	100
3000K	362	122	98	93	93	100
3500K	379	127	98	93	92	99
4000K	379	127	97	99	92	99

### TEMPERATURE RATINGS

		Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	145°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

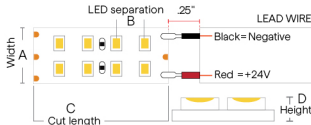
**CLS**

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-DR24/3.0

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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-DR24/3.0

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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