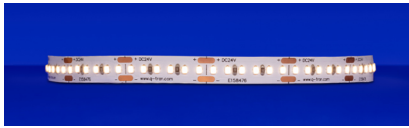# M5-SW24/1.0
LED Strips - Static White

- One bin, one step static white LED strip with 172 lm/ft @ 3000K provides even, consistent color
- 6 diodes per 1" cut point
- CCTs 2200K and greater meet or exceed Title 24 and JA8
- Ambient operating temp: -4-150°F
- Installation temp: 50-100°F | Storage temp: -4-140°F
- Calculated L70 = 70000 hrs

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
M5-SW24/1.0							

Sample Part Number: **M5-SW24/1.0-DRY-30-BW-BW-WH-CL2-48"**

① V/WATTS

M5-SW24/1.0

Voltage: 24VDC
Wattage: 1.0W/ft
See following pages for compatible power supplies.

② RATED

DRY   IP20

DMP   IP54

③ CCT - LUMENS/CRI

20	2000K 144/94
27	2700K 163/97
30	3000K 172/98
35	3500K 179/98
40	4000K 178/97

24	2400K 127/95
27	2700K 130/96
30	3000K 138/98
35	3500K 145/95
40	4000K 154/95

④ CONNECTOR/WIRE IN

BW   Bare Wire (Standard 24")
CLS   Closed End (No feed)

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)

BW   Bare Wire (Standard 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")
CLS   Closed End (No feed)

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)

BW   Bare Wire (Standard 24")
CLS   Closed End (No feed)

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

DRY

WH   White
BK   Black

Barrel is white

DMP

WH   White
BK   Black

Barrel is black

⑦ WIRE TYPE

CL2   Class 2
CL2P   Class 2 Plenum Rated
N/A   Specify for Barrel

CL2P only available with bare wire leads (BW)

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"-768"   1" increments

1"-180"   1" increments

SEE APPLICABLE MICRO5 EXTRUSION SPEC SHEET FOR ORDERING.

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 - JA8-2016 Strips: DRY and DMP rated, 2200K and above

© 2026 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting   Specification subject to change. Rev-01-13-26

3 CCT – LUMENS/CRI - DELIVERED LUMENS

[Calculated L70 = 70000 hrs]
Tested with SW24/1.5-DRY

CCT	Lumen/ft	Luminous Efficacy	CRI Ra	CRI R9	TM30 Rf	TM30 Rg
1800K	***	** Lm/W	**	**	**	***
2000K	144	85 Lm/W	94	64	89	104
2200K	149	89 Lm/W	96	93	95	103
2400K	154	92 Lm/W	97	94	95	102
2700K	163	97 Lm/W	97	98	95	102
3000K	172	102 Lm/W	98	98	94	101
3500K	179	107 Lm/W	98	98	92	101
4000K	178	103 Lm/W	97	92	92	100

TEMPERATURE RATINGS

		Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	150°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

.10"

Bare Wire 24"
Stranded 22 AWG

CLS

Not soldered

6 WIRE COLOR

White

Black
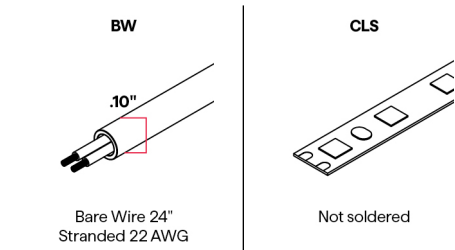
8 ILLUMINATED LENGTH - DIMENSIONS

Width
A
B
LED separation
C
Cut length
.25"
D
Height
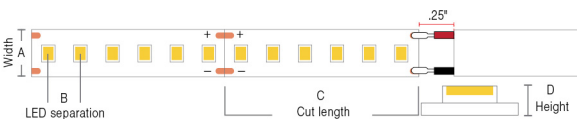
Section (in)	A	B	C	D
DRY (IP20)	0.32"	0.16"	1.00"	0.06"
DMP (IP54)	0.32"	0.16"	1.00"	0.12"
WET (IP67)	0.39"	0.16"	1.00"	0.21"

COMPATIBLE EXTRUSIONS

	WIDE	ROND	TORQ	TRE3	LALO	TALO	ARKA	TELA	VEVE	FLUR	EMBD	LATO	MDIN	OPTI-FLAT	OPTI-OPTICS	THIN
DRY	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
DMP	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔		✔
WET	✔		✔ EXCLUDES 40° LENS	✔	✔	✔	✔	✔	✔ EXCLUDES 45° LENS	✔	✔ EXCLUDES 30°, 45°, 60° LENS	✔	✔	✔		✔ NO LENS

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
	MICRO 5-SW	MICRO 5-SW
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	Q-HEX-mini-DC Q-SET-mLED
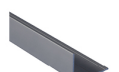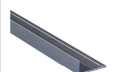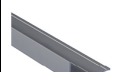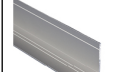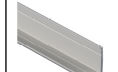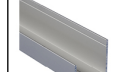
M5-SW24/1.0
LED Strips - Static White

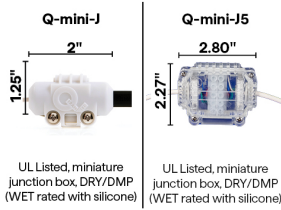| DIMMING PROTOCOL	INDOOR	OUTDOOR
	MICRO 5-SW	MICRO 5-SW
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1	Q-HEX-mini-DC Q-SET-QZ-PH/0-10V Q-SET-mLED 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	SHIELD A - Small	SHIELD B - Small	BL-GRAZER	BL-MICRO	BL-LARGE	SD-L-LARGE	SD-L-MEDIUM	SD-L-MICRO	SD-J-LARGE
QUOVA Knife Edge	For standalone use	For use within extrusions	Backwards L Mounting Bracket	Backwards L Mounting Bracket	Backwards L Mounting Bracket	L Mounting Bracket	L Mounting Bracket	L Mounting Bracket	J Mounting Bracket

iQ-STRAP	iQ-CLIP-SS12	iQ-CLIP-SS10	iQ-CLIP-PL
Plastic strap, Fits all LED strips	Metal clip, Fits DMP strip	Metal clip, Fits WET strip	Plastic clip, Fits WET strip

M5-SW24/1.0
LED Strips - Static White

COMPATIBLE WIRING ACCESSORIES

Q-mini-J

2"

1.25"

UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)

Q-mini-J5

2.80"

2.27"

UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE

1.36"

2.58"

Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

NFC APP

Q-NFC

Read and write DMX addresses and adjust voltage