



BOOM CHARTS - POA

LED Strips - Static White



- One bin, one step static white LED strip with 454 lm/ft @ 3000K
- 6 diodes per 1" cut point
- CCTs 2200K and greater meet or exceed Title 24 and JA8
- Installation temp: 50-100°F | Storage temp: -4-140°F

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
SW24/5.0							

Sample Part Number: SW24/5.0-DMP-24-CON6-CLS-WH-CL2-48"

1	V/WATTS	2	RATED	3	CCT - LUMENS/CRI	4	CONNECTOR/WIRE IN	5	CONNECTOR/WIRE OUT
	SW24/5.0 Voltage: 24VDC Wattage: 5.0W/ft See following pages for compatible power supplies.	DRY IP20	20 2000K 377/93 22 2200K 380/96 24 2400K 405/97 27 2700K 423/97 30 3000K 454/98 35 3500K 468/98 40 4000K 442/97	20 2000K 377/93 22 2200K 380/96 24 2400K 405/97 27 2700K 423/97 30 3000K 454/98 35 3500K 468/98 40 4000K 442/97	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)	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)			
	DMP IP54	24 2400K 337/94 27 2700K 333/97 30 3000K 367/98 35 3500K 370/96 40 4000K 398/97	24 2400K 337/94 27 2700K 333/97 30 3000K 367/98 35 3500K 370/96 40 4000K 398/97	BW Bare Wire (Standard 24") BRL Barrel 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)	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)				
	WET IP67	20 2000K 311/93 22 2200K 333/96 24 2400K 343/96 27 2700K 346/96 30 3000K 367/97 35 3500K 401/97 40 4000K 408/97	20 2000K 311/93 22 2200K 333/96 24 2400K 343/96 27 2700K 346/96 30 3000K 367/97 35 3500K 401/97 40 4000K 408/97	BW Bare Wire (Standard 24") BRL Barrel 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)	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	7	WIRE TYPE	8	ILLUMINATED LENGTH				
	WH White BK Black N/A Specify for Barrel Barrel is white	CL2 Class 2 CL2P Class 2 Plenum Rated N/A Specify for Barrel CL2P only available with bare wire leads (BW)	1"-228" 1" increments						
	WH White BK Black N/A Specify for Barrel Barrel is black	CL2 Class 2 CL2P Class 2 Plenum Rated N/A Specify for Barrel CL2P only available with bare wire leads (BW)	1"-180" 1" increments						
	WH White BK Black N/A Specify for Barrel Barrel is black	CL2 Class 2 CL2P Class 2 Plenum Rated N/A Specify for Barrel CL2P only available with bare wire leads (BW)	1"-228" 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 | Title 24 - JA8-2016 Strips: DRY, DMP, and WET rated, 2200K and above



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3 CCT – LUMENS/CRI - DELIVERED LUMENS

[Calculated L70 = 70000 hrs]
Tested with SW24/5.0-DRY

CCT	Lumen/ft	Luminous Efficacy	CRI Ra	CRI R9	TM30 Rf	TM30 Rg
2000K	377	79 Lm/W	93	59	89	103
2200K	380	79 Lm/W	96	89	94	100
2400K	405	84 Lm/W	97	92	94	102
2700K	423	88 Lm/W	97	94	94	102
3000K	454	95 Lm/W	98	95	94	101
3500K	468	97 Lm/W	98	94	92	100
4000K	442	92 Lm/W	97	93	90	100

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

BRL

Barrel 6" - WET | 22 AWG

CON6/CON24

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

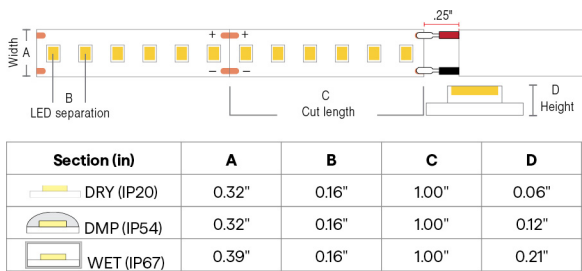
CLS

Not soldered

6 WIRE COLOR



8 ILLUMINATED LENGTH - DIMENSIONS



COMPATIBLE EXTRUSIONS

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



COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

DIM TO LEVEL	INDOOR		
	SW24/1.5-4.0	SW24/5.0, SW-HE, SW-HE+	WD
Dim to Black	Q6M-DC+CAP QTM-DC+CAP IQ-PH IQ-PH+QD1	Q6M-DC+CAP QTM-DC+CAP IQ-PH IQ-PH+QD1	
0.1%	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-BOWTIE+DIMMER QZ-DMX QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	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-BOWTIE+DIMMER QZ-DMX QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QTM-eLED+0-10V QZ-BOWTIE+DIMMER QZ-DMX QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP
1%	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED(E) QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED(E) QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED(E) QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle	Non-Dim Power Supply with SW App Dongle	Non-Dim Power Supply with SW App Dongle



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DIMMING PROTOCOL	INDOOR		
	SW24/1.5-4.0	SW24/5.0, SW-HE, SW-HE+	WD
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	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 iQ-PH+QD1	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 iQ-PH+QD1	QT-CAB-QZ-PH/0-10V QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP
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	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	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QTM-eLED+0-10V 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	QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6-AWN	QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6-AWN
ECO System	QTM-eLED(E)	QTM-eLED(E)	QTM-eLED(E)
DMX	QZ-DMX	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	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-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	Non-Dim Power Supply with SW App Dongle	Non-Dim Power Supply with SW App Dongle

COMPATIBLE MOUNTING ACCESSORIES



QUOVA Knife Edge



For standalone use



For use within extrusions