WD24/6.0
LED Strips - Warm Dim

- 12 diodes per 2" cut point: 6 diodes per CCT
- 2 Chip technology allows for dual-color temperature ranges: 1900K-2700K or 1900K-3000K.
- Over 500 delivered lumens at full brightness
- Ambient operating temp: -4-110°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
WD24/6.0							

Sample Part Number: **WD24/6.0-DRY-19/30-CON6-BW-WH-CL2-48"**

① V/WATTS

WD24/6.0

Voltage: 24VDC
Wattage: 6.0W/ft
LED engine is built with 2 wires suitable for phase dimming control. See following pages for compatible power supplies.

② RATED

DRY IP20

WET IP67

③ CCT - LUMENS/CRI

19/27	1900K/2700K	506/97
19/30	1900K/3000K	527/97

19/27	1900K/2700K	414/97
19/30	1900K/3000K	422/97

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)

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)

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)

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

DRY

WH	White
BK	Black
N/A	Specify for Barrel

Barrel is white

WET

WH	White
BK	Black
N/A	Specify for Barrel

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

2"-192"	2" increments

Available in reel lengths of 16' (Class 2) and 100'. Each reel will have a 2' soldered lead wire attached. Contact factory for larger reels.

2"-192"	2" increments

WD24/6.0
LED Strips - Warm Dim

③ CCT – LUMENS/CRI - DELIVERED LUMENS

[Calculated L70 = 70000 hrs]
Tested with WD-24/6.0-DRY

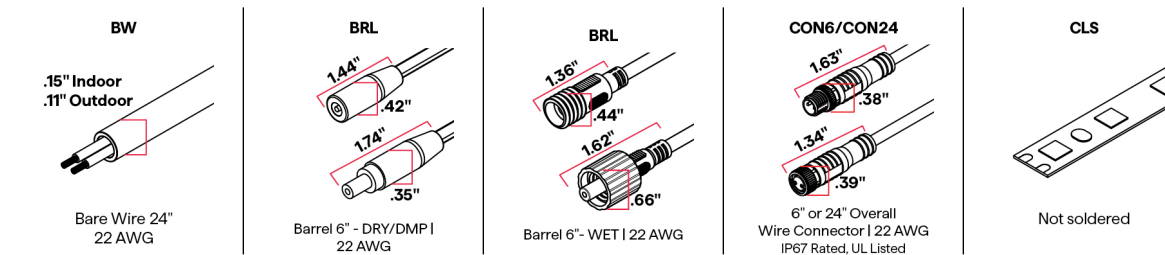| 19-27 CCT	Lumen/ft	Luminous Efficacy	CRI Ra	CRI R9	TM30 Rf	TM30 Rg
2700K	506	89	97	96	93	99

19-30 CCT	Lumen/ft	Luminous Efficacy	CRI Ra	CRI R9	TM30 Rf	TM30 Rg
3000K	527	93	97	98	92	98

TEMPERATURE RATINGS

	Min	Max
Ambient Operating Temp - Surface	-4°F	110°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
.15" Indoor
.11" Outdoor
Bare Wire 24"
22 AWG

BRL
1.44"
.42"
1.74"
.35"
Barrel 6" - DRY/DMP |
22 AWG

BRL
1.36"
.44"
1.62"
.66"
Barrel 6"- WET | 22 AWG

CON6/CON24
1.63"
.38"
1.34"
.39"
6" or 24" Overall
Wire Connector | 22 AWG
IP67 Rated, UL Listed

CLS
Not soldered

⑥ WIRE COLOR

White

Black
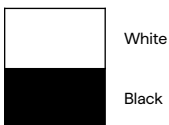
⑧ ILLUMINATED LENGTH - DIMENSIONS
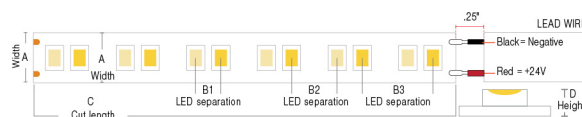
Section (in)	A	B1	B2	B3	C	D
DRY (IP20)	0.39"	0.10"	0.25"	0.32"	2.00"	0.05"
WET (IP67)	0.47"	0.10"	0.25"	0.32"	2.00"	0.18"

COMPATIBLE EXTRUSIONS

	WIDE	ROND	TORQ	TRE3	LALO	TALO	ARKA	TELA	VEVE	FLUR	EMBD	LATO	MDIN	OPTI-FLAT	OPTI-OPTICS	THIN
DRY	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
DMP																
WET	✔				✔	✔	✔	✔			✔ 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
	WD	WD
0.1%	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V 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-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	
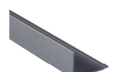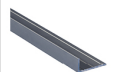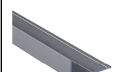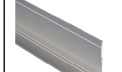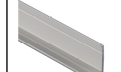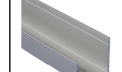
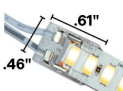| DIMMING PROTOCOL	INDOOR	OUTDOOR
	WD	WD
Phase	QT-CAB-QZ-PH/0-10V QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-PH/0-10V QZ-PH/0-10V
0-10V	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QTM-eLED+0-10V QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QZ-PH/0-10V
Lutron Athena	QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6-AWN	
ECO System	QTM-eLED(E)	
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	Q-SET+QZ-DALI-DT6 QOM-eLED+DALI-DT6 QZ-DALI-DT6
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle	
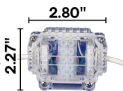
COMPATIBLE MOUNTING ACCESSORIES

QUOVA-MICRO	SHIELD A - Medium	SHIELD B - Medium	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-SS10	iQ-CLIP-PL
Plastic strap, Fits all LED strips	Metal clip, Fits WET strip	Plastic clip, Fits WET strip

COMPATIBLE WIRING ACCESSORIES

Q-NECT-02-LEAD-24	Q-NECT-02-JUMP-3	Q-NECT-02-INLINE	Q-NECT-SCREW-LEAD-12	Q-NECT-SCREW-JUMP-12	BARREL-EXT	BARREL FOUR-FER	CON120-EXT	CON FOUR-FER	CON M - BARREL F
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	Connects LED board to 12" lead wire DRY ONLY	Connects two LED boards together with 12" jumper, DRY ONLY	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	Male con to barrel cable adaptor DRY/DMP

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