



# RGB24/6.0

## LED Strips - RGB

DESIGNED  
IN THE USAUK  
CA

- Energy efficient dynamic color RGB linear LED strip for color changing applications
- Available in dry, damp, and wet ratings
- Delivers 202 lumens/ft in green and 338 lumens/ft with all LEDs on
- 7 diodes per 2" cut point
- Ambient operating temp: -13-110°F
- Installation temp: 50-100°F | Storage temp: -13-176°F
- Calculated L70 = 52000 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
RGB24/6.0		RGB					

Sample Part Number: **RGB24/6.0-DRY-RGB-BW-CLS-WH-CL2-48"**

<b>1</b> <b>V/WATTS</b>  RGB24/6.0  Voltage: 24VDC Wattage: 6.0W/ft See following pages for compatible power supplies.	<b>2</b> <b>RATED</b>  DRY IP20  DMP IP54  WET IP67	<b>3</b> <b>CCT - LUMENS/CRI</b>  RGB  Delivered Lumens/ft: Red 100 Green 202 Blue 57 All 338	<b>4</b> <b>CONNECTOR/WIRE IN</b>  BW Bare Wire (Standard 24") 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)	<b>5</b> <b>CONNECTOR/WIRE OUT</b>  BW Bare Wire (Standard 24") 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)	<b>6</b> <b>WIRE COLOR</b>  WH White BK Black	<b>7</b> <b>WIRE TYPE</b>  CL2 Class 2 CL2P Class 2 Plenum Rated  CL2P only available with bare wire leads (BW)	<b>8</b> <b>ILLUMINATED LENGTH</b>  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.
DRY							
DMP							
WET							

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 = 52000 hrs]  
Tested with RGB24/6.0-DRY

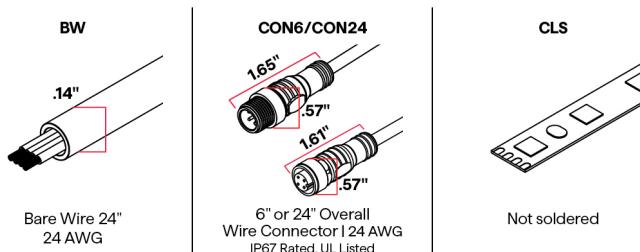
CCT	Lumen/ft	Luminous Efficacy	Wavelength	Circuit Wattage
Red	100	41 Lm/W	632	2.4
Green	202	109 Lm/W	521	1.9
Blue	57	34 Lm/W	469	1.7
All	338	56 Lm/W	-	6.0

### TEMPERATURE RATINGS

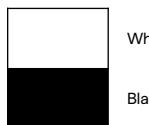
6.0 W/FT		
	Min	Max
Ambient Operating Temp - Surface	-13°F	110°F
Storage Temp	-13°F	176°F
Installation Temp	-50°F	100°F

### 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



### 6 WIRE COLOR



### 8 ILLUMINATED LENGTH - DIMENSIONS



Section (in)	A	B	C	D
DRY (IP20)	0.39"	0.28"	2.00"	0.09"
DMP (IP54)	0.39"	0.28"	2.00"	0.12"
WET (IP67)	0.47"	0.28"	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



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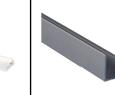
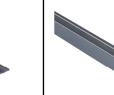
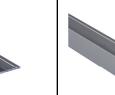
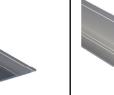
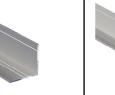
### COMPATIBLE POWER SUPPLIES

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

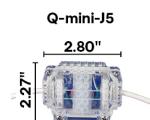
DIM TO LEVEL	INDOOR	OUTDOOR
	RGB	RGB
0.1%	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DMX QTM-eLED+DALI-DT8 QTM-eLED+DMX QZ-DMX	Q-SET-QZ-DMX QOM-eLED+DALI-DT8 QOM-eLED+DMX QOM-eLED+PS-DALI-DT8 QZ-DMX
1%	QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QZ-DALI-DT8
10%	Non-Dim Power Supply with RGB App Dongle	

DIMMING PROTOCOL	INDOOR	OUTDOOR
	RGB	RGB
DMX	QTM-eLED+DMX QZ-DMX	Q-SET-QZ-DMX QOM-eLED+DMX QZ-DMX
DALI-2: DT8	QT-CAB-eLED+DALI-DT8 QTM-eLED+DALI-DT8 QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QOM-eLED+DALI-DT8 QZ-DALI-DT8

### COMPATIBLE MOUNTING ACCESSORIES

 QUOVA-MICRO	 SHIELD A - Medium	 SHIELD B - Medium	 BL-GRAZER	 BL-MICRO	 BL-LARGE	 SD-I-LARGE	 SD-I-MEDIUM	 SD-I-MICRO	 SD-I-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						

### COMPATIBLE WIRING ACCESSORIES



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



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## COMPATIBLE CONTROL ACCESSORIES

<b>SCENE APP DONGLE</b>  1.36" x 2.58" Wi-Fi or Bluetooth Connectivity	<b>DMX-US3</b> 	<b>UX8</b> 	<b>IQ-DMX-STICK-CW4</b> 	<b>IQ-DMX-STICK-DE3</b> 	<b>IQ-DMX-STICK-GA2</b> 
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## COMPATIBLE APPS

### NFC APP



Read and write  
DMX addresses and  
adjust voltage