

Rayveo™ Collection

COB High Voltage LED Tape & Strip Light Specification Sheet



KEY HIGHLIGHTS

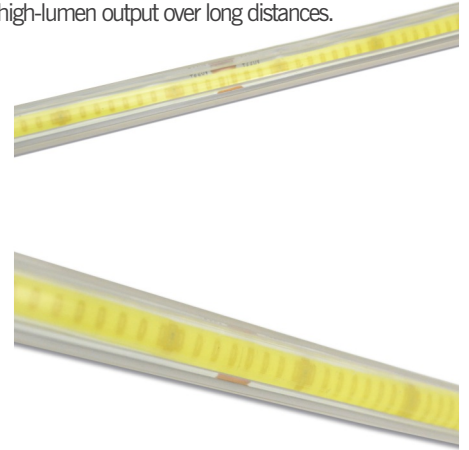
Rayveo™ AC Driverless COB Tape Light eliminates the need for complex DC power supplies and amplifiers. Designed for extended linear applications, this high-voltage strip maintains consistent brightness from start to finish, significantly reducing installation time and cost.

Featuring a heavy-duty protective jacket and Chip-on-Board (COB) phosphor coating, it delivers a uniform, dot-free linear output equivalent to neon.

It is the superior choice for commercial perimeter lighting, outdoor coves, and any application requiring durable, high-lumen output over long distances.

SPECIFICATIONS

- 220VAC.
- 2700K, 3000K, 4000K, 6000K and 9000K color temps.
- Maximum run on a given lead is 50 meters (164').
- IP65.
- 288 LEDs per meter.
- Cuttable every 19.7" (500mm).
- Custom lengths available - factory customization.
- Premium diodes 120° viewing angle.
- Dimmable.
- 3M adhesive back.



FEATURES

- ETL, CE, RoHS, CCC certified.
- CA Title 24: Compliant with approved drivers; consult factory for details.
- Operating Temperature: -20°C to 50°C (-4°F to 122°F)
- Storage Space Ready: Complies with NEC (NFPA 70) 410.16 requirements for closet installations.

WARRANTY

- 5-year coverage guaranteed when utilized with luzumi led approved power supply.

Note: The Warranty Period begins on the date of original shipment from our factory, the warranty covers product only and does not cover any labor or incidental charges related to service or warranty. This Warranty applies only to the original purchasers or authorized distributors.



HOW TO ORDER

Example: FR8WC0BC60K288WH12A220AC

Name	Wattage/m	LED Type	Color Temp	LEDs/m	FPC Color	Width(mm)	IP Rate	Voltage
FR	8W	COB	W27K	288	WH	12	A (IP65)	220AC
			W30K					
			N40K					
			C60K					
			C90K					

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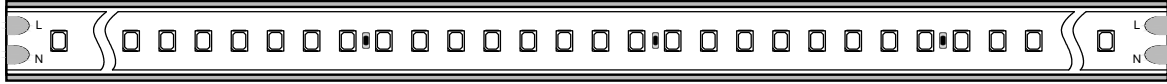
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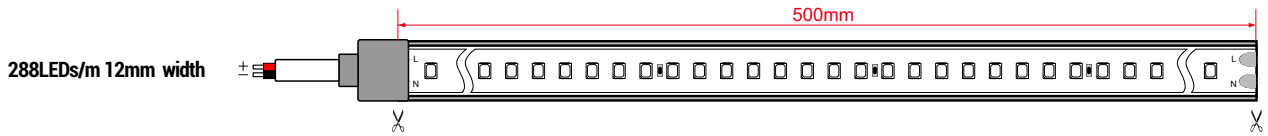
MECHANICAL DIAGRAMS

✂ Every 500mm

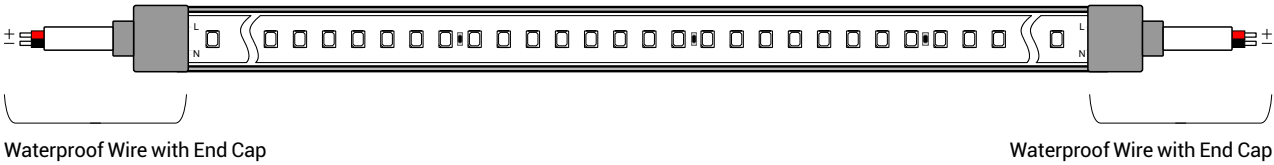
Width
0.47 in.
(12 mm)



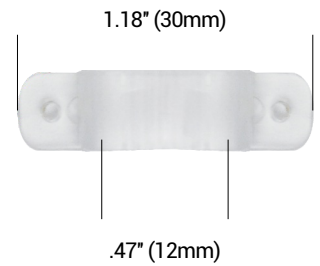
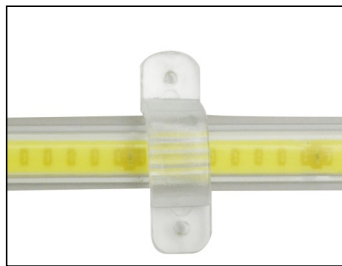
Height
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(6.5 mm)



CONNECTIONS WITHOUT USING CONNECTORS



ACCESSORIES



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RECOMMENDED CHANNELS

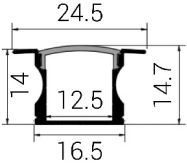
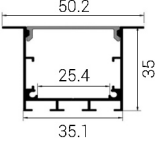


SURFACE MOUNTING

Part No.	Description	Included Accessories	Diffusion Type	Connection Options	Length	Diagram(mm)
LCSM1708	Sleek, low-profile design engineered for seamless tape light integration.	Channel & frosted cover, 2x surface mounting clips per meter, End caps: 1x open, 1x closed.	Classic Frosted Lens, Dotless	Soldered Lead or Solder-free connector	1' to 8' (.3m -2.5m) Customizable	
LCSM1714	Engineered for structural rigidity, this robust profile adapts to diverse architectural requirements with multiple mounting configurations.	Channel & frosted cover, 2x surface mounting clips per meter, End caps: 1x open, 1x closed.	Classic Frosted Lens, Dotless	Soldered Lead or Solder-free connector	1' to 8' (.3m -2.5m) Customizable	
LCSM2011SQ	A timeless, low-profile silhouette engineered for universal tape light compatibility.	Channel & frosted cover, 2x surface mounting clips per meter, End caps: 1x open, 1x closed.	Classic Frosted Lens, Dotless	Soldered Lead or Solder-free connector	1' to 8' (.3m -2.5m) Customizable	
LCSM5035	A structural aluminum housing provides superior heat management and a wide, volumetric glow, perfect for high-end commercial and residential spaces.	Channel & frosted cover, 4x surface mounting clips per meter, End caps: 1x open, 1x closed. Pendant mounting kits available upon request.	Classic Frosted Lens, Dotless	Soldered Lead or Solder-free connector, Capable of housing multi-row LED Tape Light	1' to 8' (.3m -2.5m) Customizable	
LCSM1616SQ45	Precision-engineered angled profile designed for directed illumination.	Channel & frosted cover, 2x surface mounting clips per meter, End caps: 1x open, 1x closed.	Classic Frosted Lens, Dotless	Soldered Lead or Solder-free connector	1' to 8' (.3m -2.5m) Customizable	
LCSM1616ARC45	Elegant rounded geometry meets precision optics. This specialized corner channel transforms high-density tape lights into a continuous, ethereal ribbon of light with zero hotspots.	Channel & frosted cover, 2x surface mounting clips per meter, End caps: 1x open, 1x closed.	Classic Frosted Lens, Dotless	Soldered Lead or Solder-free connector	1' to 8' (.3m -2.5m) Customizable	



RECESSED MOUNTING

Part No.	Description	Included Accessories	Diffusion Type	Connection Options	Length	Diagram(mm)
LCR1714	A precision-engineered recessed profile designed for seamless integration within high-end millwork. This discrete housing allows the architecture to speak while providing a flawless, flush-mounted light source.	Channel & frosted cover, 2x surface mounting clips per meter, End caps: 1x open, 1x closed.	Classic Frosted Lens, Dotless	Soldered Lead or Solder-free connector	1' to 8' (.3m -2.5m) Customizable	
LCR3535	QUADRA 35 Structural Seamlessness Recessed Channel	Channel & frosted cover, 2x surface mounting clips per meter, End caps: 1x open, 1x closed.	Classic Frosted Lens, Dotless	Soldered Lead or Solder-free connector	1' to 8' (.3m -2.5m) Customizable	
LCR15050	LUZUMI™ MAXIMA 150 Recessed Channel, Commanding Scale. Infinite Light. Engineered for Grand Spaces.	Channel & frosted cover, 4x mounting clips per meter, End caps: 1x open, 1x closed.	Classic Frosted Lens, Dotless	Soldered Lead or Solder-free connector	1' to 8' (.3m -2.5m) Customizable	