

Chromveo™ Collection

Damp & Wet location LED Strip Light Specification Sheet



KEY HIGHLIGHTS

Precision-engineered, high density LED strip light with 90+ CRI / 90+ R9.
With a durable silicone or epoxy resin coating, this strip is protected against dust and low-pressure water jets, suitable for damp (IP54) or wet (IP65) locations.

SPECIFICATIONS

- 24VDC and 12VDC. 5VDC optional.
- 2200K, 2400K, 2700K, 3000K, 3500K, 4000K, 5000K and 6000K color temps.
- Maximum run on a given lead is 5 meters (16' -4") @12V and 10 meters (32'-8") @24V.
- Damp location (IP54) / Wet location (IP65).
- 120 LEDs per meter (typical).
- Cutable every 2" (51mm) @24V 120LEDs/m, or every 3LEDs (12V) / every 6/7/8LEDs (24V).
- Custom lengths available - factory customization.
- Compatible with solder-free connectors.
- Premium diodes 120° viewing angle.
- Dimmable.
- 3M adhesive back.
- 90+ CRI and 90+ R9.
- Up to 3000+ lumens per meter.



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.

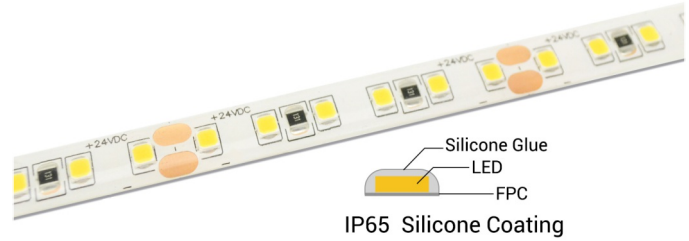
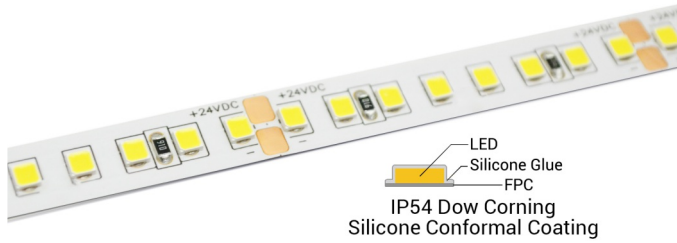
HOW TO ORDER

Example: FR15W2835W27K120WH10E12

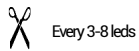
Name	Wattage/m or /ft	LED Type	Color Temp	LEDs/m or /ft	FPC Color	FPC Width(mm)	IP Rate	Voltage
FR	9W	2835	V22K	60	WH	8	E (IP54)	12
	15W	5050	V24K	120	BL	10	A (IP65)	24
	21W	2110	W27K	240	BR	12		5
	6W	3014	W30K, W35K	35		15		
				N40K, D50K, C60K				

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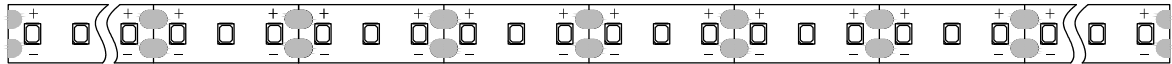
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MECHANICAL DIAGRAMS



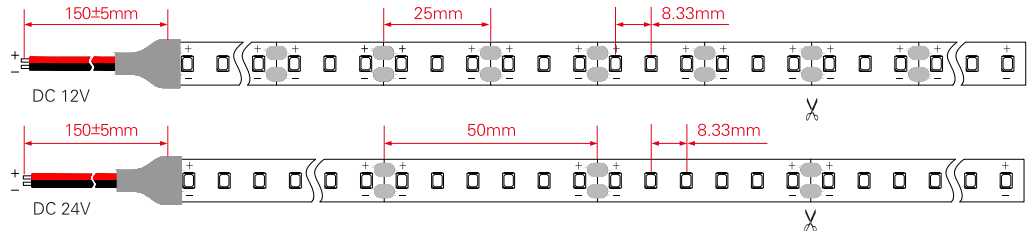
Width
0.40/0.47 in.
(10/12 mm)



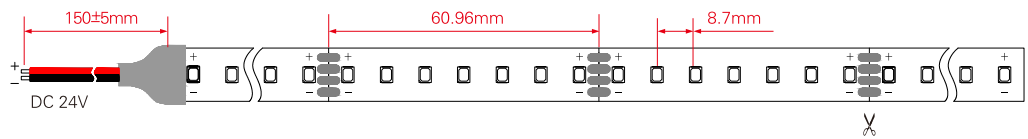
Height
0.12 in.
(3 mm)



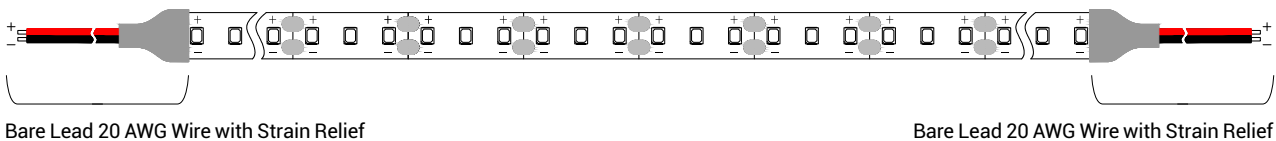
120LEDs/m 10/12mm width



35LEDs/ft 12mm width



CONNECTIONS WITHOUT USING CONNECTORS



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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	

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RECOMMENDED CHANNELS



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	

MUD-IN

Part No.	Description	Included Accessories	Diffusion Type	Connection Options	Length	Diagram(mm)
LCMI5022-OS	Conner Mud In Channel with diffusing outside	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	
LCMI5022-IS	Conner Mud In Channel with diffusing inside	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	