

FEATURES

Flexible Grazer 3D bend, IP67-rated suitable both indoor and outdoor, equipped with various optical lens ideal for uniform and precise illumination, making it the perfect solution for grazing straight and wave and curve surfaces.

Optics & Electronics

Beam angle available in 15°, 25°, 30°, 45°, 60°.

LED with 3-step MacAdam and CRI 90+ guaranteeing consistency and high quality of light.

Customization

Endless fixture length configurations allow for the ultimate freedom of design.

Front, bottom and side cable entry options available for different install options.

Life Cycle

Long lifetime of L70B10>54,000 hours with 5-year warranty for indoor, 3-year warranty for outdoor.

VL-FLWW-3D-S20 (Grazer Pro series - 3D bending)



SPECIFICATION LOGIC						
FAMILY	POWER W/m	NOMINAL LENGTH	CCT	INPUT VOLTAGE	CABLE ENTRY	IP RATING
VL-FLWW-3D-S20	18W/m	Minimum length - 250mm Maximum length - 5m Increments length - 250mm	27K - 2700K 30K - 3000K 40K - 4000K 50K - 5000K 65K - 6500K	24VDC	FF - Front + Front SS - Side + Side BB - Bottom + Bottom FX - Front + Closed SX - Side + Closed BX - Bottom + Closed	IP67

Order example: VL-FLWW-3D-S20-927K-5m-BB

PRODUCT SPECIFICATIONS		
		Standard
Electrical	Power	18W/m
	Input Voltage	24VDC
Physical	Minimum Length	250mm
	Height x Width	20mm x 15mm
	Body Finish	Premium silicone / grey or white
	Bend Direction	Vertical and Horizontal
	Bend Radius	50mm
	Control mode	0-10V or PWM or Dali
	Fixture Connections	IP67 injection-moulded input and end cap
Optical	LED Type	2835 LED
	Beam Angle	15°, 25°, 30°, 45°, 60°
	Lumen Output	1836Lm/m (@4000K, CRI90+)
	Efficacy	102Lm/W (@4000K, CRI90+)
	Lumen Maintenance	L70B10 - 54,000 hours
Temperature Range	Storage Temperature	-25°Cmin, 60°Cmax
	Max Ambient Temperature	+50°C
	Min Ambient Temperature	-25°C

Note: Control protocol depends on what kind of power supply will be used.

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Light Distribution

Light distribution example

Narrow



Beam Angle 30°



D=50mm



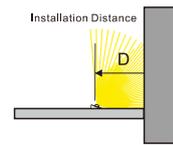
D=100mm



D=200mm



D=300mm



Installation Distance

Medium



Beam Angle 45°



D=50mm



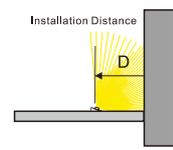
D=100mm



D=200mm



D=300mm



Installation Distance

Wide



Beam Angle 60°



D=50mm



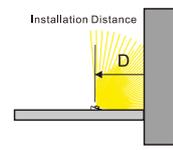
D=100mm



D=200mm



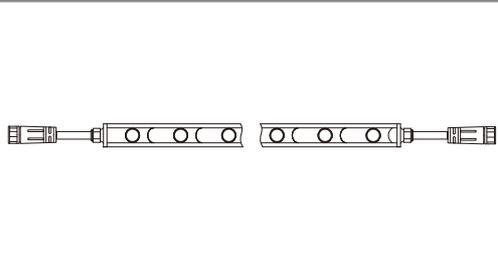
D=300mm



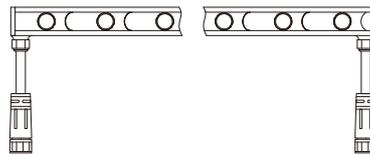
Installation Distance

CABLE ENTRY OPTION EXAMPLES

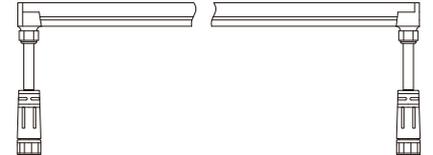
FF - front + front



SS - side + side



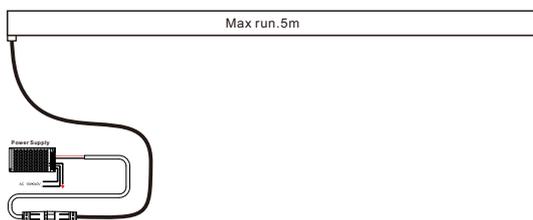
BB - bottom + bottom



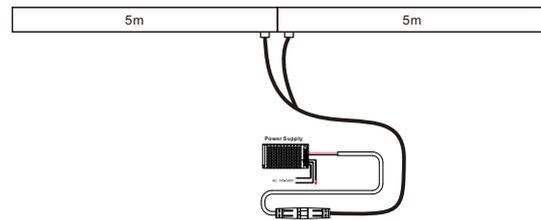
WIRING ELECTRICAL DIAGRAM

Single color

Input by one end



Connection by ends of each length



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PROFILES AND MOUNTING OPTIONS			
FRONT CLIPS			
	EXAMPLES OF INSTALLATION 	PART NUMBER 2015-FC	DETAILS FC- Front mounting clips
MOUNTING CLIPS			
	EXAMPLES OF INSTALLATION 	PART NUMBER 2015-MC	DETAILS MC- Mounting clips
ALUMINUM PROFILE			
	EXAMPLES OF INSTALLATION 	PART NUMBER 2015 - FAP * _ MM	DETAILS FAP - Aluminum profile
BENDABLE PROFILE			
	EXAMPLES OF INSTALLATION 	PART NUMBER 2015 - BSP * _ MM	DETAILS BSP- Bendable profile
ADJUSTABLE BRACKET			
<p>120° adjustable bracket</p>	EXAMPLES OF INSTALLATION 	PART NUMBER 2015 -BRK	DETAILS BRK- Bracket