

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 20°, 30°, 45°, 60°, 20*40°.

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.

Small unit length 25mm, customized length to meet precise length requirement.

Life Cycle

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

VL-PU1313-3D (Grazer Mini series - 3D bending)



SPECIFICATION LOGIC						
FAMILY	POWER W/m	NOMINAL LENGTH	CCT	INPUT VOLTAGE	CABLE ENTRY	IP RATING
VL-PU1313-3D	14.4W/m	Minimum length - 25mm Maximum length - 5,000mm Increments length - 25mm	27K - 2700K 30K - 3000K 40K - 4000K 50K - 5000K 65K - 6500K	24VDC	FX - Front + Closed FF - Front + Front	IP67

Order example: VL-PU1313-3D-5m-927K-FX

PRODUCT SPECIFICATIONS		
		Standard
Electrical	Power	14.4W/m
	Input Voltage	24VDC
Physical	Minimum Length	25mm
	Height x Width	13mm x 13mm
	Body Finish	Premium TPU / white
	Bend Direction	Vertical and Horizontal
	Bend Radius	150mm
	Control mode	0-10V or PWM or Dali
Optical	Fixture Connections	IP67 glue end cap
	LED Type	2835 LED
	Beam Angle	20°, 30°, 45°, 60°, 20*40°
	Lumen Output	1,350Lm/m (@4000K, CRI90+)
	Efficacy	94Lm/W (@4000K, CRI90+)
Temperature Range	Lumen Maintenance	L70B10 - 54,000 hours
	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.

Light Distribution

Light distribution example

Narrow



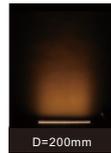
Beam Angle 30°



D=50mm



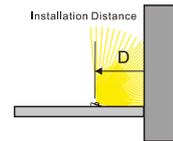
D=100mm



D=200mm



D=300mm



Medium



Beam Angle 45°



D=50mm



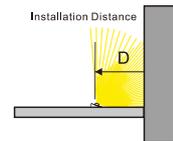
D=100mm



D=200mm



D=300mm



Wide



Beam Angle 60°



D=50mm



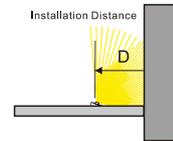
D=100mm



D=200mm

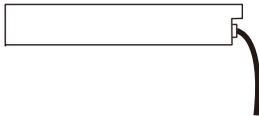


D=300mm

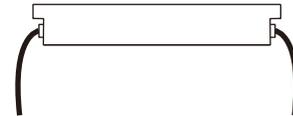


CABLE ENTRY OPTION EXAMPLES

FX - Front + Closed



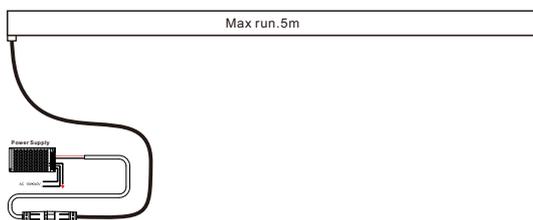
FF - Front + Front



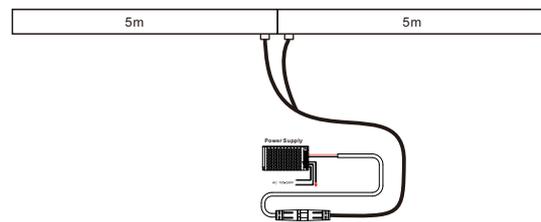
WIRING ELECTRICAL DIAGRAM

Single color

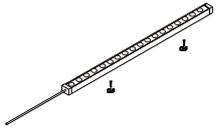
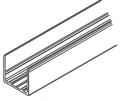
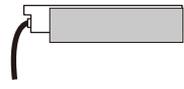
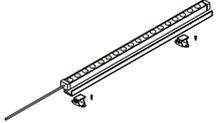
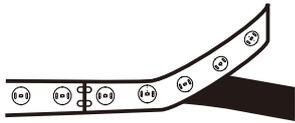
Input by one end



Connection by ends of each length



VL-PU1313-3D (Grazer Mini series - 3D bending)

PROFILES AND MOUNTING OPTIONS			
FIXED ALUMINUM PROFILE + CLEAR COVER			
	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
		1313-FAP- ____*MM	FAP- Fixed aluminum profile
MOUNTING CLIPS			
	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
		1313-MC	MC- Mounting clips
ADJUSTABLE BRACKET			
	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
120° adjustable bracket		1313 -BRK	BRK- Bracket
DOUBLE SIDED TAPE			
	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
		1313 - 3M	3M- Adhesive double sided tape