

FEATURES

Flexible Grazer, slim design with high light transmittance, 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 surfaces.

Optics & Electronics

Beam angle available in 15°, 20°, 30°, 40°, 60°, 15*30°, 15*60°.
LED with 3-step MacAdam guaranteeing consistency and high quality of light.
High efficacy up to 140Lm/W.

Customization

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

Life Cycle

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

VL-PU2311-W (Grazer Max series - top bend)



SPECIFICATION LOGIC						
FAMILY	POWER W/m	NOMINAL LENGTH	CCT ¹	INPUT VOLTAGE	CABLE ENTRY	IP RATING
VL-PU2311-W	18W/m	Minimum length - 166.7mm Maximum length - 5m Increments length - 166.7mm	27K-2700K 30K-3000K 40K-4000K 50K-5000K	24VDC	FF - Front + Front FX - Front + Closed	IP67

Order example: VL-PU2311-W-5m-827K-FX

PRODUCT SPECIFICATIONS								
		Standard						
Electrical	Power	18W/m						
	Input Voltage	24VDC						
Physical	Minimum Length	166.7mm						
	Width x Height	23mm x 11mm						
	Body Finish	Premium silicone / white						
	Bend Direction	Vertical (top bending)						
	Bend Radius	30mm						
	Control protocol	0-10V or PWM or Dali						
	Max per run	5m						
Optical	Fixture Connections	IP67 injection-moulded input and end cap						
	LED Type	3030 LED						
	Beam Angle	15°	20°	30°	40°	60°	15*30°	15*60°
	Lumen Output(CRI>80, @4000K)	2,520Lm/m	2,484Lm/m	2,448Lm/m	2,488Lm/m	2,376Lm/m	2,488Lm/m	2,340Lm/m
	Efficacy(CRI>80, @4000K)	140Lm/W	138Lm/W	136Lm/W	136Lm/W	132Lm/W	136Lm/W	130Lm/W
Temperature Range	Lumen Maintenance	L70 >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.

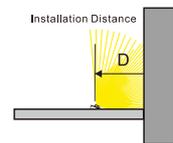
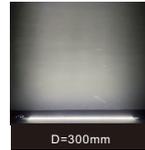
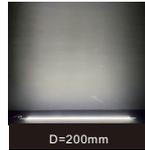
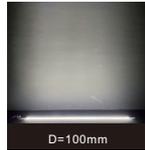
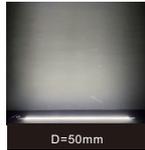
Light Distribution

Light distribution example

Ultra Narrow



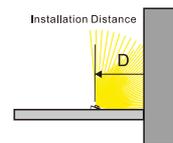
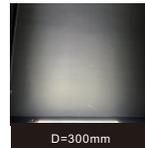
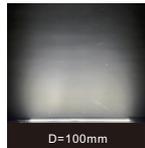
Beam Angle 15°



Narrow



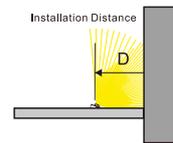
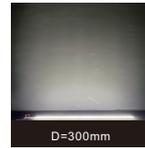
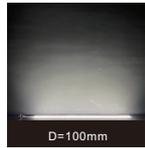
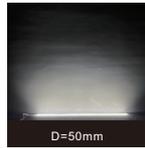
Beam Angle 20°



Dual Beam

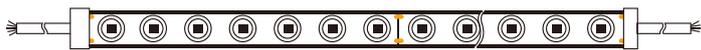


Beam Angle 15°*60°

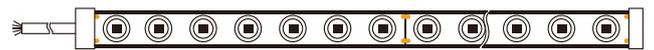


CABLE ENTRY OPTION EXAMPLES

FF - front + front



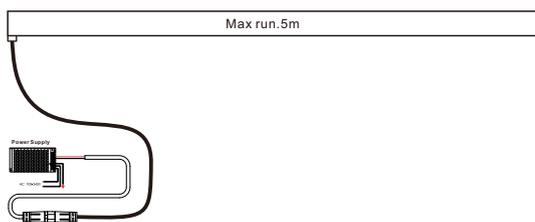
FX - front + closed



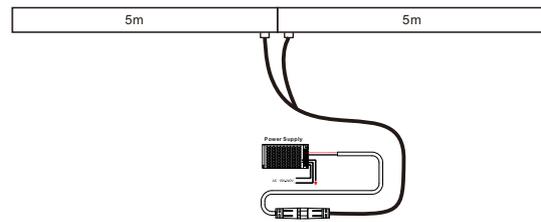
WIRING ELECTRICAL DIAGRAM

Single color

Input by one end



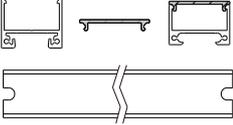
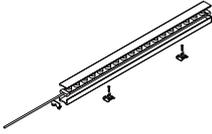
Connection by ends of each length



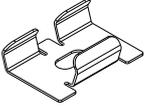
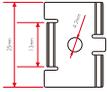
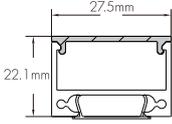
VL-PU2311-W (Grazer Max series - top bend)

PROFILES AND MOUNTING OPTIONS

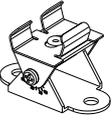
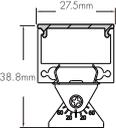
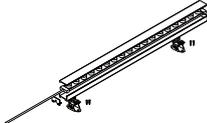
FIXED ALUMINUM PROFILE + CLEAR COVER

	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
		<p>2311-FAP- ____*MM</p>	<p>FAP- Fixed aluminum profile</p>

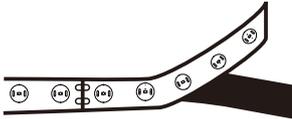
MOUNTING CLIPS

	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
 		<p>2311-MC</p>	<p>MC- Mounting clips</p>

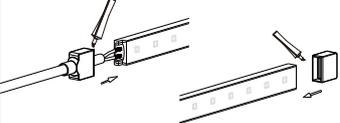
ADJUSTABLE BRACKET

	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
  <p>120° adjustable bracket</p>		<p>2311 -BRK</p>	<p>BRK- Bracket</p>

DOUBLE SIDED TAPE

	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
		<p>2311 - 3M</p>	<p>3M- Adhesive double sided tape</p>

ADJUSTABLE BRACKET

	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
  <p>Feed Cap End Cap</p>		<p>2311 - FC 2311 - EC</p>	<p>FC- Feed cap EC- End cap</p>