

## FEATURES

Flexible Grazer, slim and high light transmittance, offers vertical top-bending (75mm bend radius) and IP67 protection. Equipped with various optical lenses for uniform, precise illumination, it is ideal for grazing straight and wave surfaces—suitable for architectural facades, columns, and curved indoor feature walls.

### Optics & Electronics

Beam angle available in 30°.

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.

### Life Cycle

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

# VL-FLWW-W-PU12 (Grazer Pro series - top bending)



## SPECIFICATION LOGIC

FAMILY	POWER W/m	NOMINAL LENGTH	CCT	INPUT VOLTAGE	CABLE ENTRY	IP RATING
VL-FLWW-W-PU12	14.4W/m 19.2W/m	Minimum length - <b>125mm</b> Maximum length - <b>5m</b> Increments length - <b>125mm</b>	<b>MONO</b> ● <b>TW</b> ●	<b>24VDC</b>	<b>FF</b> - Front + Front <b>FX</b> - Front + Closed	<b>IP67</b>

Order example: VL-FLWW-W-PU12-930K-5m-FF

## PRODUCT SPECIFICATIONS ●

		MONO
Electrical	Power	14.4W/m
	Input Voltage	24VDC
Physical	Minimum Length	125mm
	Width x Height	12mm x 07mm
	Body Finish	Premium TPU / white
	Bend Direction	Vertical (top bend)
	Bend Radius	75mm
	Control mode	0-10V or PWM or Dali
	Fixture Connections	IP67 injection-moulded input and end cap
Optical	LED Type	2835 LED
	Beam Angle	30°
	Lumen Output	1,282Lm/m(3000K) 1,350Lm/m(4000K) 1,436Lm/m(6500K)
	Efficacy	93Lm/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

# VL-FLWW-W-PU12 (Grazer Pro series - top bending)



PRODUCT SPECIFICATIONS 		Tunable white		
Electrical	Power	19.2W/m		
	Input Voltage	24VDC		
Physical	Minimum Length	125mm		
	Width x Height	12mm x 07mm		
	Body Finish	Premium TPU / white		
	Bend Direction	Vertical (top bend)		
	Bend Radius	75mm		
	Control mode	0-10V or PWM or Dali		
	Fixture Connections	IP67 injection-moulded input and end cap		
Optical	LED Type	5050 LED		
	Beam Angle	30°		
	Lumen Output	720Lm/m(2700K)	1,536Lm/m(4000K)	768Lm/m(6500K)
	Efficacy	80Lm/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		

## Light Distribution

### Light distribution example

Narrow



Beam Angle 30°



D=50mm



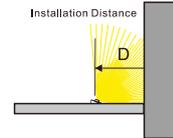
D=100mm



D=200mm



D=300mm

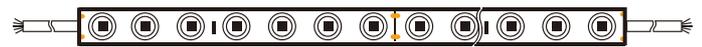


## CABLE ENTRY OPTION EXAMPLES

FX - front + closed

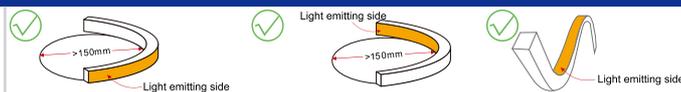


FF - front + front



## BENDING INSTRUCTION

Bending in wave form - vertical



DO NOT bend in curve form - horizontal



DO NOT TWIST



# VL-FLWW-W-PU12 (Grazer Pro series - top bending)

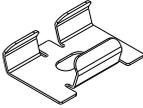
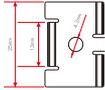
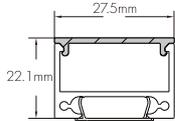


## PROFILES AND MOUNTING OPTIONS

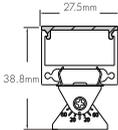
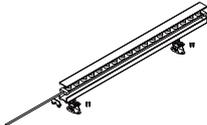
### FIXED ALUMINUM PROFILE + CLEAR COVER

	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
		1207-FAP- _____*MM	FAP- Fixed aluminum profile

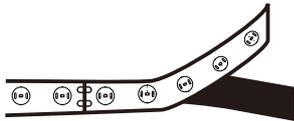
### MOUNTING CLIPS

	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
 		1207-MC	MC- Mounting clips

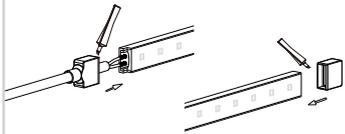
### ADJUSTABLE BRACKET

	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
 		1207 -BRK	BRK- Bracket

### DOUBLE SIDED TAPE

	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
		1207 - 3M	3M- Adhesive double sided tape

### ADJUSTABLE BRACKET

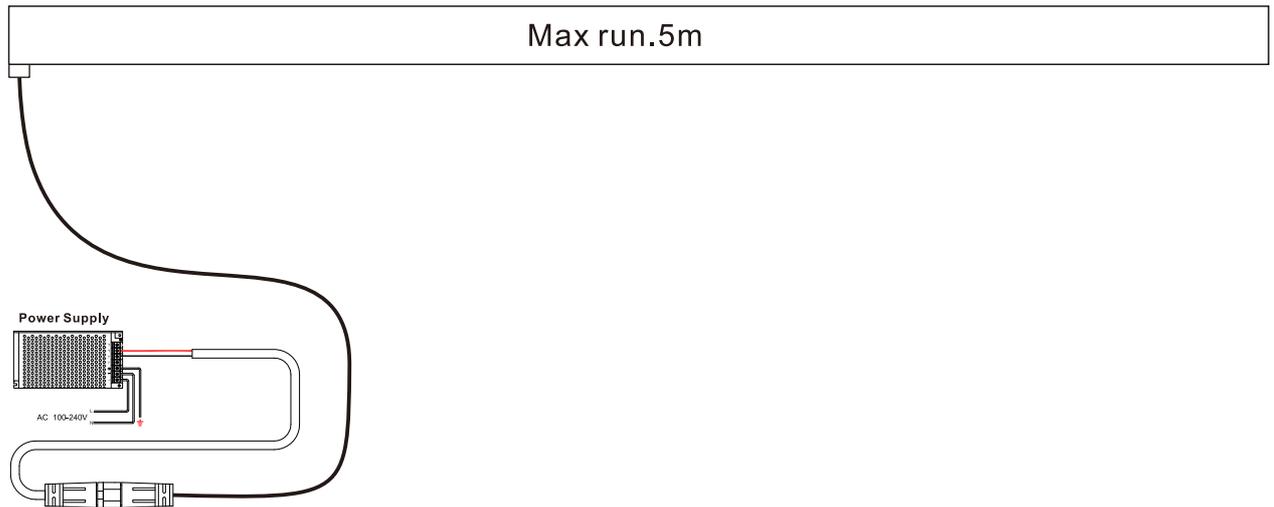
	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
 		1207 - FC 1207 - EC	FC- Feed cap EC- End cap

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## WIRING ELECTRICAL DIAGRAM

### MONO

Input by one end



## WIRING ELECTRICAL DIAGRAM

### Tunable white

