

# iGrazer Small (BCP389 S)

Brush and iGrazer are surface mounted, exterior-rated and compact sized LED wall washing and grazing luminaires that are designed for façade and outdoor architectural lighting applications. The robust mechanical and unique optical designs make them ideal for illuminating buildings facades, bridges, overpasses and any application that requires a linear lighting solutions. Available in white, monochromatic colors, RGB, RGBW and tunable white. High and low power LED versions, various spread lenses, through wiring for end-to-end connection and DMX control option available with up to 6 pixels (6IDs) to give architects and designers the freedom to explore a wide range of concepts and design with no limitations..



## Key Features (BCP389 S)

- Standard: RGB, 2700K, 3000K and 4000K
- Optional 5000K, Monochromatic Colors and Tunable White
- Standard 300, 500 and 1000mm lengths
- Up to 6IDs (6 pixels) for easy and flexible control
- Symmetrical and asymmetrical optical distributions
- Special 4in1 RGBW LEDs version for maximum uniformity
- Robust Design & IP66 rating for outdoor use
- Adjustable  $\pm 95^\circ$  tilting angle
- Available in DMX control interface option

## Ordering guide

ex: BCP389 S 27K 24V 30 L50 DMX

BCP389	S		24V		L		
Family	# of LEDs	CCT / Color	Voltage	Beam Angle	Length	Control/Pixels <sup>(3)(5)</sup>	LED Code
BCP389 – iGrazer	9LED <sup>(1)</sup>	27K – 2700K	24V –	17 – 17 <sup>(2)</sup>	L30 – 300mm	– On/Off	D2 – OSRAM HP
	18LED	30K – 3000K	24V DC	A2 – 16°x35°	L50 – 500mm	DMX – DMX 1 Pixel	D3 – LUMILEDS HP
	36LED	40K – 4000K		30 – 30°	L100 –	2PX – DMX 2 Pixels	
		50K – 5000K		40 – 40 <sup>(4)</sup>	1000mm	3PX – DMX 3 Pixels	
		BL – Blue				4PX – DMX 4 Pixels	
		RD – Red				6PX – DMX 6 Pixels	
		GN – Green					
		AM – Amber					
		tW – Tunable White					
		RGB – RGB <sup>(2)</sup>					
	6LED	RGBWW <sup>(6)</sup>		15° <sup>(6)</sup>			
	12LED	– RGBW(3000K)		25° <sup>(6)</sup>			
	24LED	RGBNW <sup>(6)</sup>		40° <sup>(6)</sup>			
		– RGBW(4000K)		60° <sup>(6)</sup>			
				12*45° <sup>(6)</sup>			
				15*55° <sup>(6)</sup>			

- (1) Tunable white is 8 LED
- (2) RGB number of LEDs are 6, 12, 24
- (3) RGB, RGBW and TW are only available in DMX
- (4) RGB with D2 LED is 45°
- (5) For detailed Pixels of each length/option, please check the table next page
- (6) 4 in 1 LED supplied by a local Chinese LED company. Only possible through raising ETO request

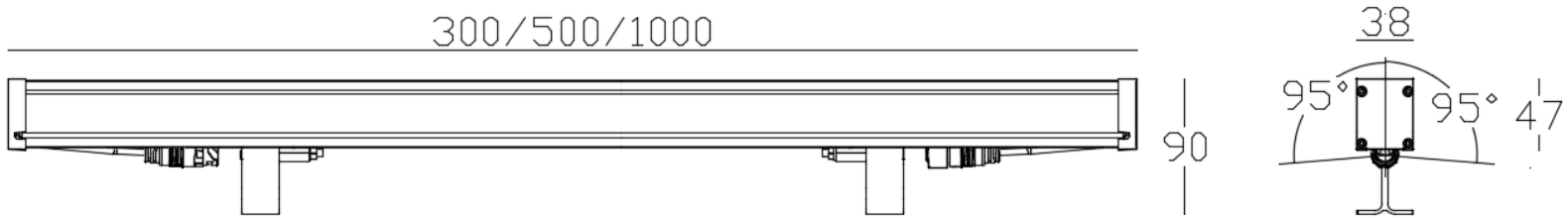
Rev. 202205

**Product Data**

Product Family	iGrazer Small (BCP389 S)		
Dimensions (L x W x H)	300/500/1000 mm x 38 mm x 47 mm (without bracket) 300/500/1000 mm x 38 mm x 90 mm (with bracket)		
Source	High power LED		
Lumen Maintenance	White: 50000 hrs L70 at 35°C RGB: 50000 hrs L50 at 35°C		
Housing	Extruded aluminum with die-cast aluminum end caps		
Finishing	Electrostatically applied polyester powder coating		
Color	Dark Grey (RAL7012)		
Bracket	Aluminum plate		
Adjustability	Tilting angle $\pm 95^\circ$		
Lenses	Anti-aging and anti-UV high optical efficiency PMMA lenses		
Gasket	Silicon		
Cover	Clear tempered glass		
Control Interfaces	On/Off DMX12		
Input Voltage	24V DC		
IEC Classification	Class III		
Power Cable (On/Off)	2 pole flat cable L=15cm, 2x1.5mm <sup>2</sup> with connectors		
Power/Signal Cable (DMX)	5 pole flat cable L=15cm, 2x1.5mm <sup>2</sup> + 3x0.3mm <sup>2</sup> with connectors		
Connectors	IP67 male/female connectors for through power and/or signal wiring		
Lengths	300mm	500mm	1000mm
Number of LEDs	9LED (WH/Mono) 8LED (tW)	18LED (WH/Mono/tW)	36LED (WH/Mono/tW)
	6LED (RGB/RGBW)	12LED (RGB/RGBW)	24LED (RGB/RGBW)
Max Power Consumption	9W	18W	36W
Number of Pixels (IDs)	WH/Mono	1, 3	1, 2, 6
	RGB	1	1, 2
	tW	1	1, 2, 3
	RGBW	1, 2	1, 2, 4
Max Weight	0.6kg	0.85kg	1.55kg
Standard CCT/Colors	2700K, 3000K, 4000K	RGB	RGBW
Standard Optics	16x35°, 17°, 30°, 40°	16x35°, 17°, 30°, 40°	12x45°, 15x55°, 15°, 25°, 40°, 60°
Standard CRI	80		
White SDCM	4		
Colors Wavelength	R: 620 to 625nm; G: 525 to 530nm; B: 470 to 475nm		
Temperature Range	-40°C to 50°C (Operating) -35°C to 50°C (Startup) -40°C to 70°C (Storage)		
Protection Rating	IP66, IK06		
Certifications	CE, CB, CQC (all in progress)		
Warranty	3 Years		

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## Luminaire Dimensions:

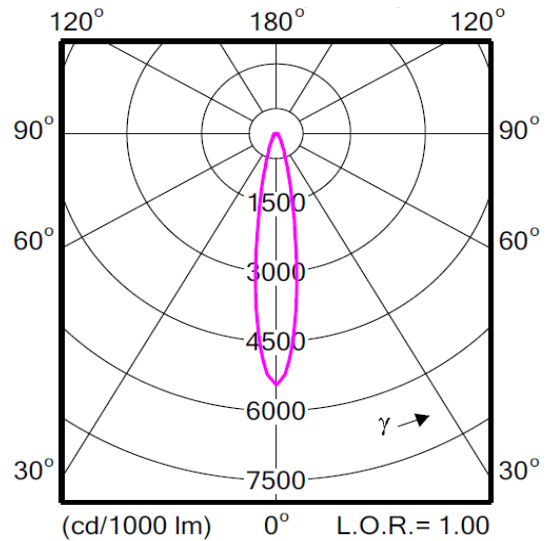


## Polar Candela Distribution Curves:

### 17x17° Beam Angle

#### Features:

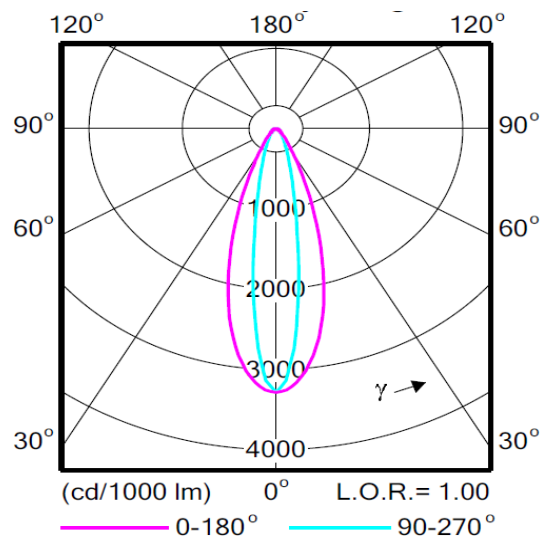
The 17x17° beam angle delivers an excellent light control that can reach higher than other optics  
Available for all options except RGB and RGBW



### A2: 16x35° Beam Angle

#### Features:

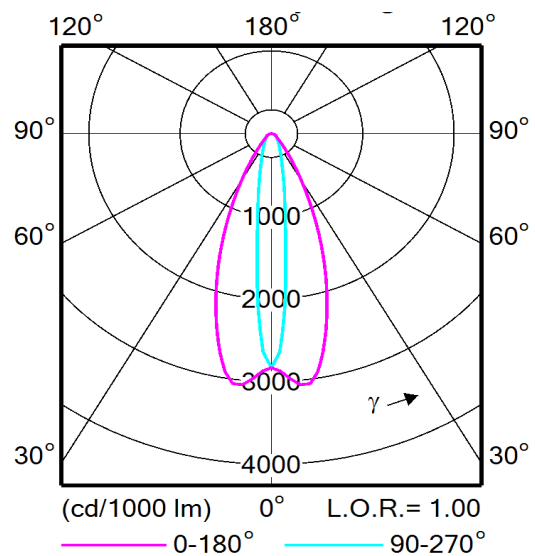
The 16x35° beam angle offers significant and even light output.  
Move it closer to the surface to get a higher concentrated effect.  
Available for all options except RGBW



### 12x45° Beam Angle

#### Features:

The 12x45° beam angle offers significant and even light output.  
Move it closer to the surface to get a more concentrated effect.  
Available only for RGBW



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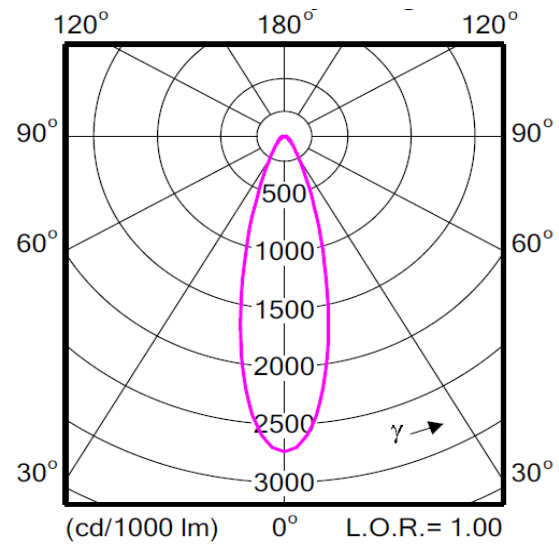
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Specifications may change without notice.

## Polar Candela Distribution Curves:

### 30x30° Beam Angle

#### Features:

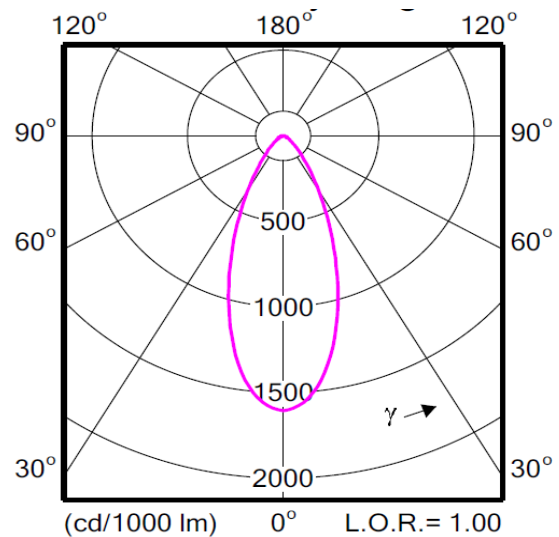
The 30x30° beam angle offers a symmetrical distribution with perfect uniformity. Move it closer to the surface to get a more concentrated light. Available for all versions except RGB



### 40x40° Beam Angle

#### Features:

The 40x40° beam angle offers a symmetrical distribution with perfect uniformity. Move it closer to the surface to get a concentrated light. Available for all versions except RGB



**Order Information:**

Description
BCP389 S RGB 24V A2 L50 DMX D2
BCP389 S RGB 24V 45 L50 DMX D2
BCP389 S RGBNW 24V 12x45 L50 DMX
BCP389 S RGBNW 24V 25 L50 DMX
BCP389 S 27K 24V A2 L50
BCP389 S 27K 24V A2 L50 DMX
BCP389 S 27K 24V 17 L50
BCP389 S 27K 24V 17 L50 DMX
BCP389 S 27K 24V 40 L50
BCP389 S 27K 24V 40 L50 DMX
BCP389 S 30K 24V A2 L50
BCP389 S 30K 24V A2 L50 DMX
BCP389 S 30K 24V 17 L50
BCP389 S 30K 24V 17 L50 DMX
BCP389 S 30K 24V 40 L50
BCP389 S 30K 24V 40 L50 DMX
BCP389 S 40K 24V A2 L50
BCP389 S 40K 24V A2 L50 DMX
BCP389 S 40K 24V 17 L50
BCP389 S 40K 24V 17 L50 DMX
BCP389 S 40K 24V 40 L50
BCP389 S 40K 24V 40 L50 DMX
BCP389 S RGB 24V A2 L100 DMX D2
BCP389 S RGB 24V 45 L100 DMX D2
BCP389 S RGBNW 24V 12x45 L100 DMX
BCP389 S RGBNW 24V 25 L100 DMX
BCP389 S 27K 24V A2 L100
BCP389 S 27K 24V A2 L100 DMX

<sup>1</sup>Other options are available upon request

**Order Information:**

Description
BCP389 S 27K 24V 17 L100
BCP389 S 27K 24V 17 L100 DMX
BCP389 S 27K 24V 40 L100
BCP389 S 27K 24V 40 L100 DMX
BCP389 S 30K 24V A2 L100
BCP389 S 30K 24V A2 L100 DMX
BCP389 S 30K 24V 17 L100
BCP389 S 30K 24V 17 L100 DMX
BCP389 S 30K 24V 40 L100
BCP389 S 30K 24V 40 L100 DMX
BCP389 S 40K 24V A2 L100
BCP389 S 40K 24V A2 L100 DMX
BCP389 S 40K 24V 17 L100
BCP389 S 40K 24V 17 L100 DMX
BCP389 S 40K 24V 40 L100
BCP389 S 40K 24V 40 L100 DMX
BCP389 S RGB 24V A2 L30 DMX D2
BCP389 S RGB 24V 45 L30 DMX D2
BCP389 S RGBNW 24V 12x45 L30 DMX
BCP389 S RGBNW 24V 25 L30 DMX
BCP389 S 27K 24V A2 L30
BCP389 S 27K 24V A2 L30 DMX
BCP389 S 27K 24V 17 L30
BCP389 S 27K 24V 17 L30 DMX
BCP389 S 27K 24V 40 L30
BCP389 S 27K 24V 40 L30 DMX
BCP389 S 30K 24V A2 L30
BCP389 S 30K 24V A2 L30 DMX

<sup>1</sup>Other options are available upon request

## Order Information:

Description
BCP389 S 30K 24V 17 L30
BCP389 S 30K 24V 17 L30 DMX
BCP389 S 30K 24V 40 L30
BCP389 S 30K 24V 40 L30 DMX
BCP389 S 40K 24V A2 L30
BCP389 S 40K 24V A2 L30 DMX
BCP389 S 40K 24V 17 L30
BCP389 S 40K 24V 17 L30 DMX
BCP389 S 40K 24V 40 L30
BCP389 S 40K 24V 40 L30 DMX

<sup>1</sup>Other options are available upon request

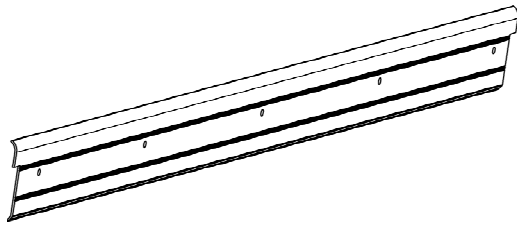
## Accessories

Description
BCP389 S L30 glare shield (10 pcs)
BCP389 S L50 glare shield (10 pcs)
BCP389 S L100 glare shield (10 pcs)
ZXP390 Lead 2P DC cable 2m (10 pcs)
ZXP390 Jump 2P DC cable 2m (10 pcs)
ZXP390 Lead 5P DC/DMX cable 2m (10 pcs)
ZXP390 Jump 5P DC/DMX cable 2m (10 pcs)
ZXP390 Y-connect kit 5P DC/DMX (10 pcs)
ZXP390 Jump 5P DMX connector (10 pcs)
ZXP390 endcap male connector (20 pcs)
ZXP390 endcap female connector (20 pcs)

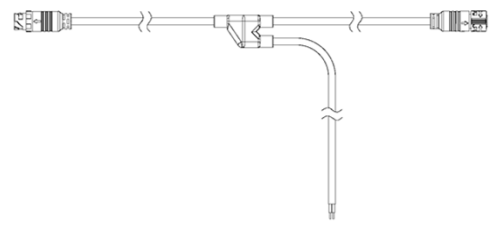
<sup>1</sup> Different cables lengths are available upon request

<sup>2</sup> End caps must be used at the end of each run

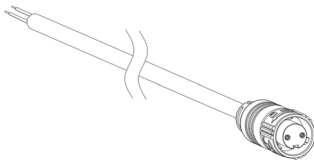




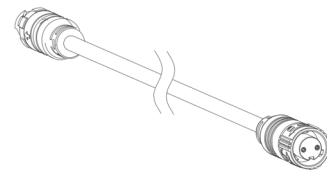
Glare Shield



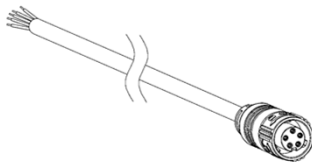
Y-connector kit 5P DC/DMX



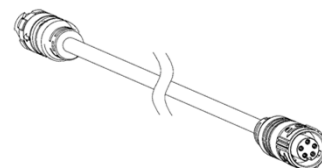
Leader cable 2P DC 2m



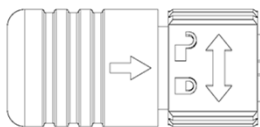
Jumper cable 2P DC 2m



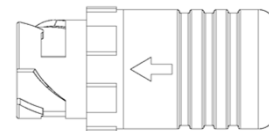
Leader cable 5P DC/DMX 2m



Jumper cable 5P DC/DMX 2m



End cap for male connectors



End cap for female connectors

**Rated System Lumen Output ( $\pm 5\%$ ):**

**L300**

CCT/Color (All channels On)	15°	17°	30°	40°	45°	A2
	DMX	DMX	DMX	DMX	DMX	DMX
2700K	-	598	623	607	-	610
3000K	-	598	623	607	-	610
4000K	-	646	673	655	-	659
RGB	360	-	360	-	360	340

**L500**

CCT/Color (All channels On)	15°	17°	30°	40°	45°	A2
	DMX	DMX	DMX	DMX	DMX	DMX
2700K	-	1172	1221	1184	-	1196
3000K	-	1172	1221	1184	-	1196
4000K	-	1266	1319	1278	-	1292
RGB	720	-	720	-	720	690

**L1000**

CCT/Color (All channels On)	15°	17°	30°	40°	45°	A2
	DMX	DMX	DMX	DMX	DMX	DMX
2700K	-	2298	2393	2367	-	2345
3000K	-	2298	2393	2367	-	2345
4000K	-	2482	2585	2557	-	2532
RGB	1420	-	1420	-	1420	1360

