

# iGrazer Medium (BCP389 M)

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.

AC powered with integrated driver, various spread lenses, DMX control option with up to 6 pixels (6IDs) and signal through wiring available to give architects and designers the freedom to explore a wide range of concepts and design with no limitations..



## Key Features (BCP389 M)

- AC powered 220-240V 50/60Hz
- Standard: RGBW, 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 RGBW 4in1 LED 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 M RGB 220V A2 L50 DMX*

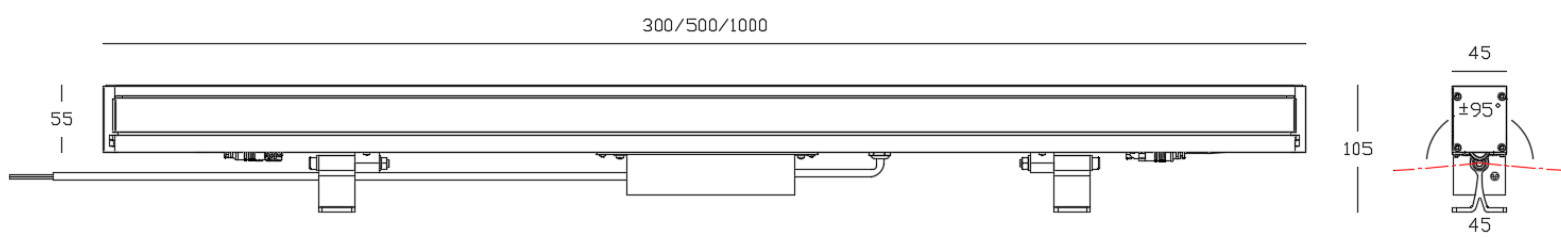
BCP389	M		220V		L	
Family	Type / Size	CCT / Color	Voltage	Beam Angle	Length	Control/Pixels <sup>(3)(4)</sup>
BCP389 – iGrazer	M – Medium	27K – 2700K 30K – 3000K 40K – 4000K 50K – 5000K RGB – RGB RGBWW – RGBW(3000K) RGBNW – RGBW(4000K) BL – Blue RD – Red GN – Green AM – Amber tW – Tunable White	220V – 220V-240V AC	A2 – 16x35° <sup>(1)</sup> 17 – 17° <sup>(1)</sup> 30 – 30° 40 – 40° <sup>(1)</sup> A4 – 25x40° <sup>(2)</sup> 50 – 50° <sup>(2)</sup>	L30 – 300mm L50 – 500mm L100 – 1000mm	– On/Off DMX – DMX 1 Pixel 2PX – DMX 2 Pixels 3PX – DMX 3 Pixels 4PX – DMX 4 Pixels 6PX – DMX 6 Pixels

- (1) Not available for RGBW versions  
 (2) Available only for RGBW versions  
 (3) RGB, RGBW and tW are only available in DMX  
 (4) For detailed Pixels of each length/option, please check the table next page

**Product Data**

Product Family	iGrazer Medium (BCP389 M)		
Dimensions (L x W x H)	300/500/1000mm x 105mm x 45mm (with bracket) 300/500/1000mm x 55mm x 45mm (without bracket)		
Source	High power LED		
Lumen Maintenance	White: 50,000 hrs L70 at 35°C   RGB: 50,000 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	220-240 VAC, 50/60Hz		
Inrush Current	Max 60A/450 $\mu$ s (cold start 230Vac/50Hz measured at 50% Ipeak)		
Maximum Number of Luminaires on 16A MCB	For L100 DMX	For all other types	
	4 unit (Type B) 8 units (Type C)	6 unit (Type B) 11 units (Type C)	
Total Harmonic Distortion	< 20%		
IEC Classification	Class I		
Power Cable (On/Off)	3 pole round cable L=30cm, 3x1.0mm <sup>2</sup> with flying wires		
Signal Cable (DMX)	4 pole flat cable L=30cm, 4x0.50mm <sup>2</sup> (DMX versions only)		
Cables Connectors	IP67 Male/Female connectors for DMX through wiring (DMX versions only)		
Lengths	300mm	500mm	1000mm
Standard Number of LEDs	6LED (WH/RGBW)	12LED (WH/RGBW)	24LED (WH/RGBW)
	9LED (RGB)	18LED (RGB)	36LED (RGB)
Max Power Consumption	13W	25W	50W
Number of Pixels (IDs)	WH/Mono	1, 2, 3	1, 2, 3, 4, 6
	RGB	1	1, 2
	RGBW/tW	1, 2	1, 2, 4
Max Weight	1.5 kg	2 kg	3.5 kg
Standard CCT/Colors	2700K, 3000K, 4000K, RGB	RGBW(4000K)	
Standard Optics	16x35°, 17°, 30°, 40°	25x40°, 30°, 50°	
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		

## Luminaire Dimensions:

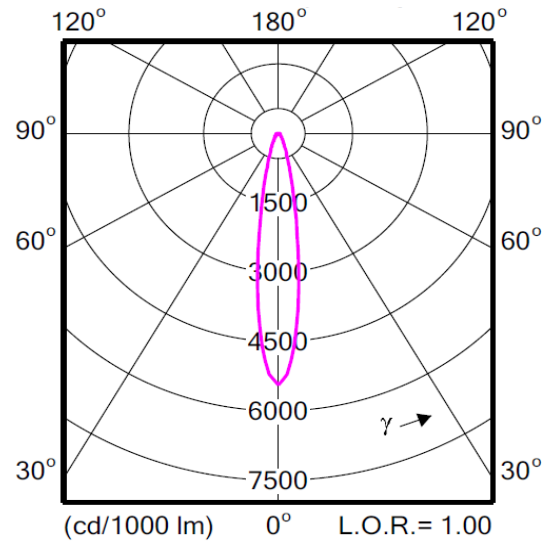


## Polar Candela Distribution Curves:

### 17x17° Beam Angle

#### Features:

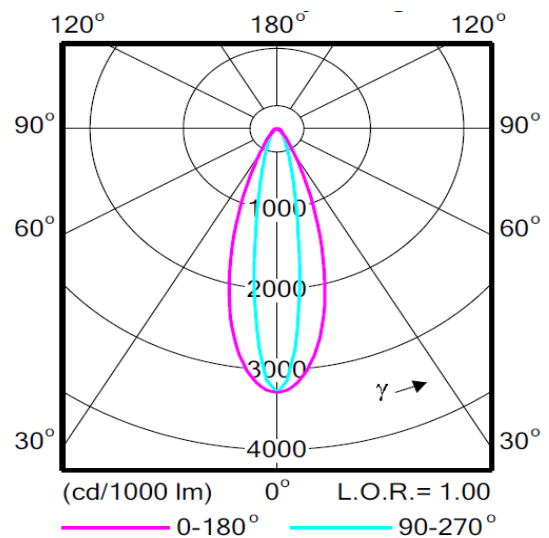
The 17x17° beam angle delivers an excellent light control that can reach higher than other optics  
Available for all options except RGBW



### A2: 16x35° Beam Angle

#### Features:

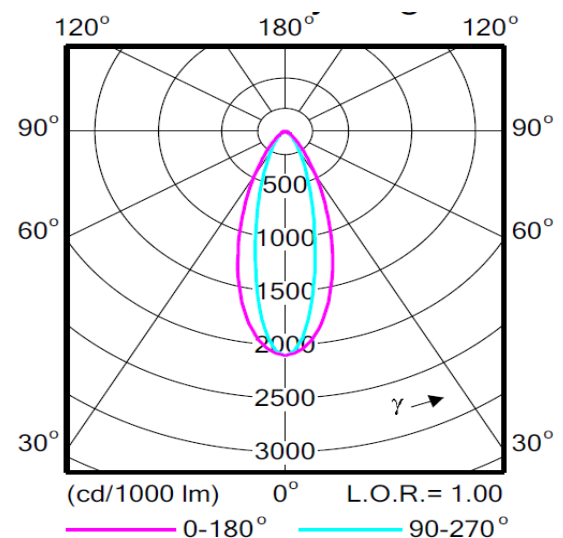
The 16x35° beam angle offers significant and even light output.  
Move it closer to the surface to get a higher concentrated effect.  
Available for all options except RGBW



### A4: 25x40° Beam Angle

#### Features:

The 25x40° beam angle offers significant and even light output.  
Move it closer to the surface to get a more concentrated effect.  
Available only for RGBW



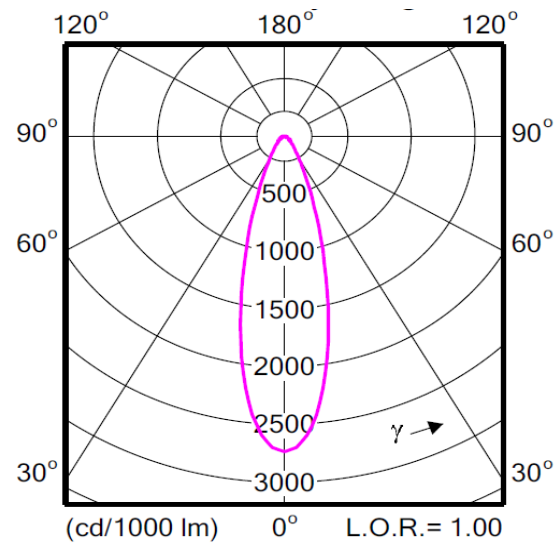
## Polar Candela Distribution Curves:

### 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

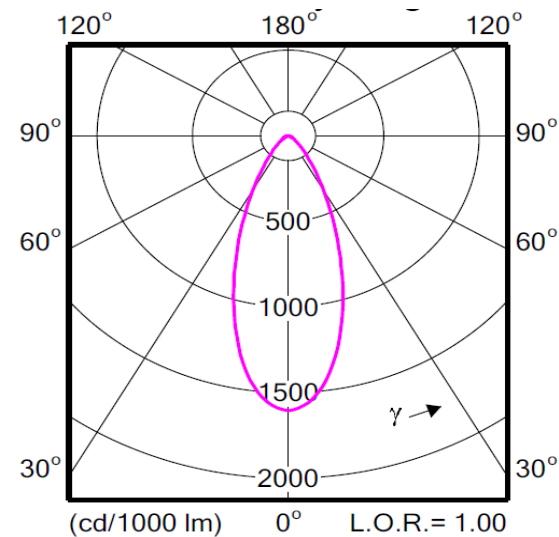


### 40x40° Beam Angle

#### 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 RGBW

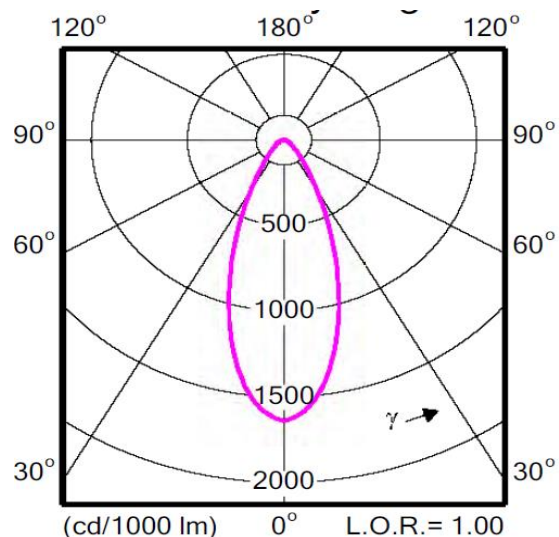


### 50x50° Beam Angle

#### Features:

The 50x50° beam angle offers a symmetrical distribution with perfect uniformity. Move it closer to the surface to get an extremely concentrated light.

Available only for RGBW



**Order Information:**

Description
BCP389 M 27K 220V A2 L50
BCP389 M 27K 220V A2 L50 DMX
BCP389 M 27K 220V 40 L50
BCP389 M 27K 220V 40 L50 DMX
BCP389 M 30K 220V A2 L50
BCP389 M 30K 220V A2 L50 DMX
BCP389 M 30K 220V 40 L50
BCP389 M 30K 220V 40 L50 DMX
BCP389 M 40K 220V A2 L50
BCP389 M 40K 220V A2 L50 DMX
BCP389 M 40K 220V 40 L50
BCP389 M 40K 220V 40 L50 DMX
BCP389 M RGBNW 220V A4 L50 DMX
BCP389 M RGBNW 220V 30 L50 DMX
BCP389 M RGB 220V A2 L50 DMX
BCP389 M RGB 220V 40 L50 DMX
BCP389 M 27K 220V A2 L100
BCP389 M 27K 220V A2 L100 DMX
BCP389 M 27K 220V 40 L100
BCP389 M 27K 220V 40 L100 DMX
BCP389 M 30K 220V A2 L100
BCP389 M 30K 220V A2 L100 DMX
BCP389 M 30K 220V 40 L100
BCP389 M 30K 220V 40 L100 DMX
BCP389 M 40K 220V A2 L100
BCP389 M 40K 220V A2 L100 DMX
BCP389 M 40K 220V 40 L100
BCP389 M 40K 220V 40 L100 DMX

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

**Order Information:**

Description
BCP389 M RGBNW 220V A4 L100 DMX
BCP389 M RGBNW 220V 30 L100 DMX
BCP389 M RGB 220V A2 L100 DMX
BCP389 M RGB 220V 40 L100 DMX
BCP389 M 27K 220V A2 L30
BCP389 M 27K 220V A2 L30 DMX
BCP389 M 27K 220V 40 L30
BCP389 M 27K 220V 40 L30 DMX
BCP389 M 30K 220V A2 L30
BCP389 M 30K 220V A2 L30 DMX
BCP389 M 30K 220V 40 L30
BCP389 M 30K 220V 40 L30 DMX
BCP389 M 40K 220V A2 L30
BCP389 M 40K 220V A2 L30 DMX
BCP389 M 40K 220V 40 L30
BCP389 M 40K 220V 40 L30 DMX
BCP389 M RGBNW 220V A4 L30 DMX
BCP389 M RGBNW 220V 30 L30 DMX
BCP389 M RGB 220V A2 L30 DMX
BCP389 M RGB 220V 40 L30 DMX

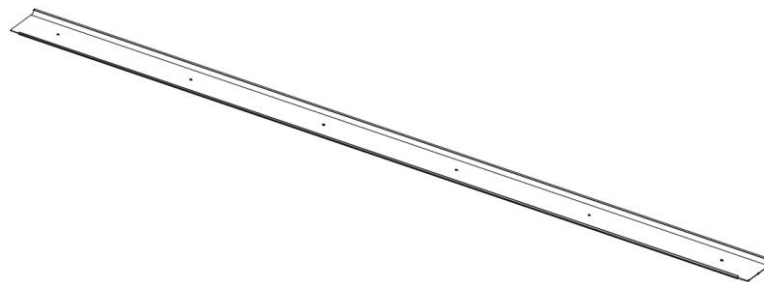
<sup>1</sup>Other options are available upon request

## Accessories

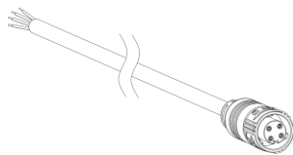
Description
BCP389 M L30 glare shield (30 pcs)
BCP389 M L50 glare shield (15 pcs)
BCP389 M L100 glare shield (15 pcs)
ZXP390 Lead 4P DMX cable 2m (10 pcs)
ZXP390 Jump 4P DMX cable 2m (10 pcs)
ZXP390 endcap male connector (20 pcs)
ZXP390 endcap female connector (20 pcs)

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

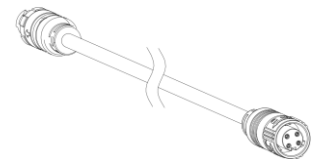
<sup>2</sup> End caps must be used at the end of each run



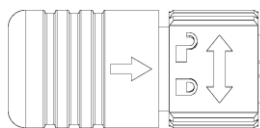
Glare Shield



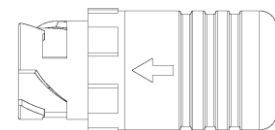
Leader cable 4P DMX 2m



Jumper cable 4P DMX 2m



End cap for male connectors



End cap for female connectors



**Rated System Lumen Output ( $\pm 10\%$ ):**

**BCP389 M L30**

CCT/Color (All channels On)	17°	30°	40°	50°	A2°	A4°
	DMX	DMX	DMX	DMX	DMX	DMX
2700K	630	620	660	–	590	–
3000K	680	660	700	–	630	–
4000K	770	750	800	–	720	–
RGB	650	630	680	–	600	–
RGBNW	–	490	–	400	–	430

**BCP389 M L50**

CCT/Color (All channels On)	17°	30°	40°	50°	A2°	A4°
	DMX	DMX	DMX	DMX	DMX	DMX
2700K	1,220	1,220	1,300	–	1,160	–
3000K	1,340	1,300	1,390	–	1,240	–
4000K	1,530	1,490	1,590	–	1,420	–
RGB	1,290	1,250	1,340	–	1,190	–
RGBNW	–	970	–	790	–	840

**BCP389 M L100**

CCT/Color (All channels On)	17°	30°	40°	50°	A2°	A4°
	DMX	DMX	DMX	DMX	DMX	DMX
2700K	2,480	2,410	2,570	–	2,300	–
3000K	2,660	2,580	2,750	–	2,460	–
4000K	3,030	2,940	3,140	–	2,800	–
RGB	2,440	2,380	2,540	–	2,260	–
RGBNW	–	1,890	–	1,770	–	1,640

