

iGrazer Compact (BCP389 C)

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 4 pixels (4IDs) to give architects and designers the freedom to explore a wide range of concepts and design with no limitations..



Key Features (BCP389 C)

- Standard: RGB, 2700K, 3000K and 4000K
- Optional 5000K, Monochromatic Colors and Tunable White
- Standard 300, 500 and 1000mm lengths
- Up to 4IDs (4 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 option

Ordering guide

ex: BCP389 C RGB 24V 45 L100 DMX D2

BCP389	C		24V		L		
Family	Size / Type	CCT / Color	Voltage	Beam Angle	Length	Control/Pixels ⁽¹⁾⁽²⁾	LED Code
BCP389 – iGrazer	C - Compact	27K – 2700K 30K – 3000K 40K – 4000K 50K – 5000K RGB – RGB tW – Tunable White BL – Blue RD – Red GN – Green AM – Amber	24V – 24V DC	17 – 17° ⁽³⁾ A2 – 16°x35° 30 – 30° 40 – 40° ⁽³⁾	L30 – 300mm L50 – 500mm L100 – 1000mm	– On/Off DMX – DMX 1 Pixel 2PX – DMX 2 Pixels 4PX – DMX 4 Pixels	– OSRAM MP or 4in1 D2 – OSRAM HP
		RGBWW – ⁽⁴⁾ RGBW(3000K) RGBNW – ⁽⁴⁾ RGBW(4000K)		15° ⁽⁴⁾ 25° ⁽⁴⁾ 40° ⁽⁴⁾ 60° ⁽⁴⁾ 12*45° ⁽⁴⁾ 15*55° ⁽⁴⁾			

(1) RGB, RGBW and tW are only available in DMX

(2) L30 is up to 1PX, L50 is up to 2PX and L100 is up to 4PX (please check page 2 for pixels details)

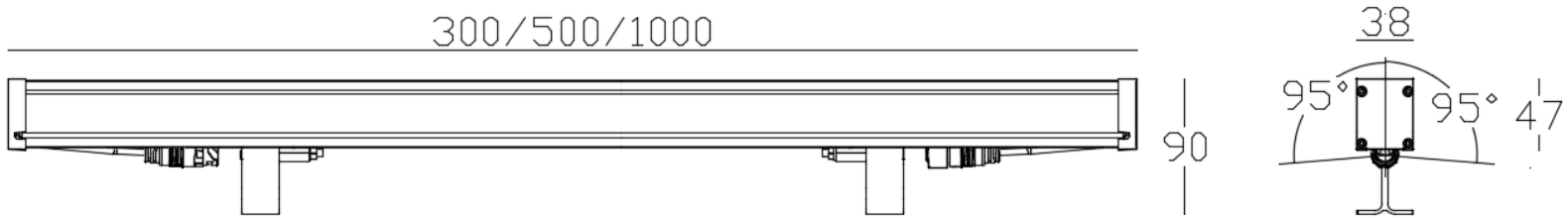
(3) RGB with D2 LED IS 15° and 45°

(4) 4 in 1 LED supplied by a local Chinese LED company. Only possible through raising ETO request

Product Data

Product Family	iGrazer Compact (BCP389 C)		
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: 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 rubber		
Cover	Clear tempered glass		
Control Interfaces	On/Off DMX512		
Input Voltage	24V DC		
IEC Classification	Class III		
Power Cable (On/Off)	2 pole flat cable L=15cm, 2x1.5mm ² with connectors		
Power/Signal Cable (DMX)	5 pole flat cable L=15cm, 2x1.5mm ² + 3x0.3mm ² with connectors		
Connectors	IP67 male/female connectors for through power+signal connection		
Lengths	300mm	500mm	1000mm
Standard Number of LEDs	6LED	12LED	24LED
Max Power Consumption	6W	12W	24W
Number of Pixels (IDs)	1	Up to 2 pixels (except RGB: 1 pixel)	Up to 4 pixels (except RGB: up to 2)
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°, 45°	12x45°, 15x55°, 15°, 25°, 40°, 60°,
Standard CRI	80		
White SDCM	4		
Colors Wavelengths	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:



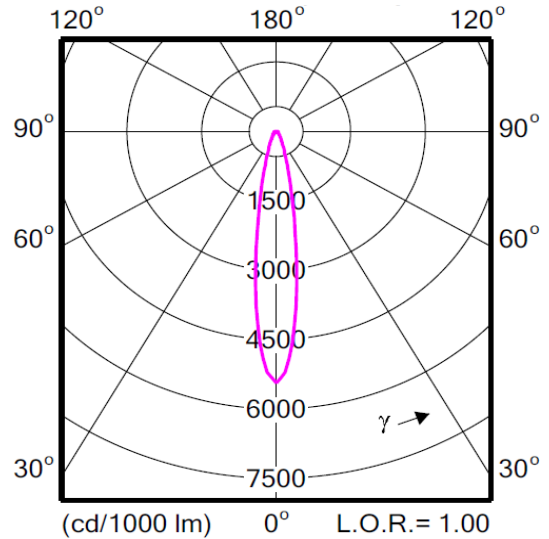
Rev. 202205

Polar Candela Distribution Curves:

17x17° Beam Angle

Features:

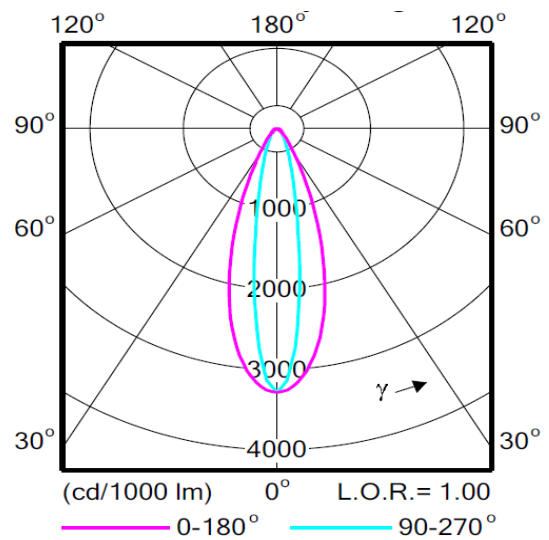
The 17x17° beam angle delivers an excellent light control that can reach higher than other optics
Available for all options except RGBW



A2: 16x35° Beam Angle

Features:

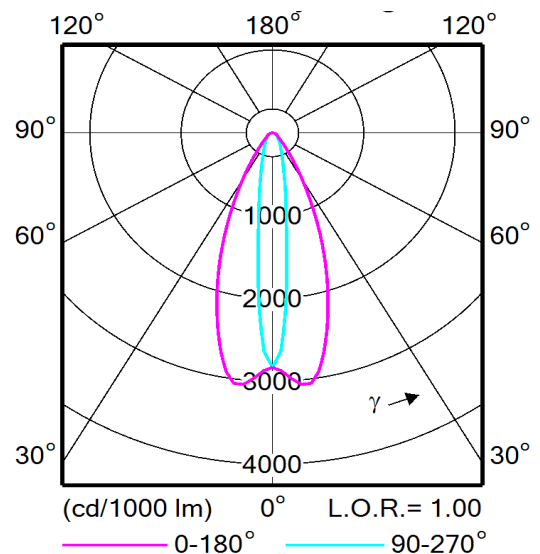
The 16x35° beam angle offers significant and even light output.
Move it closer to the surface to get a higher concentrated effect.
Available for all options except RGBW



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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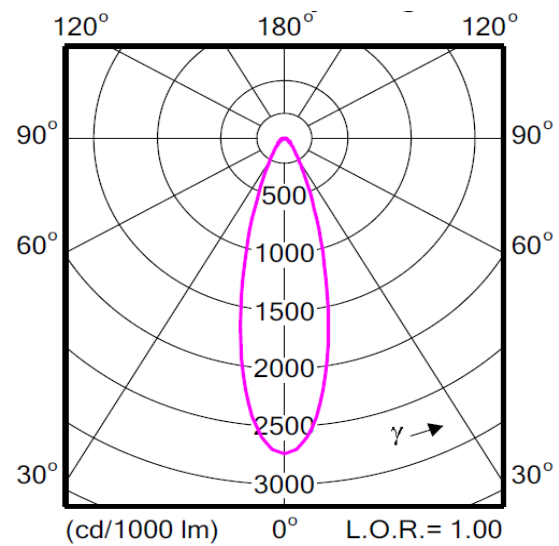
Polar Candela Distribution Curves:

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

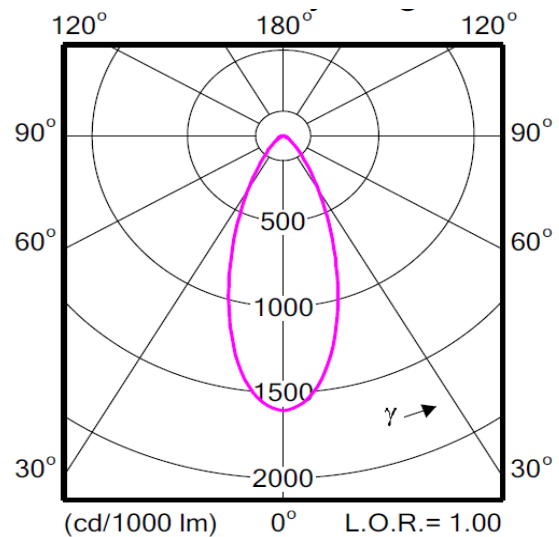


40x40° Beam Angle

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 RGB



Order Information:

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

¹Other options are available upon request

Order Information:

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

¹Other options are available upon request

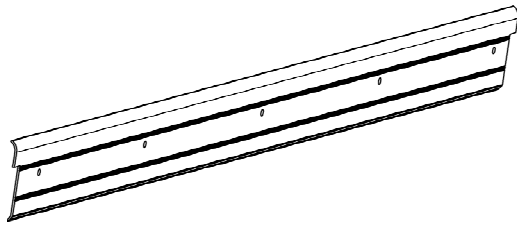
Order Information:

Accessories

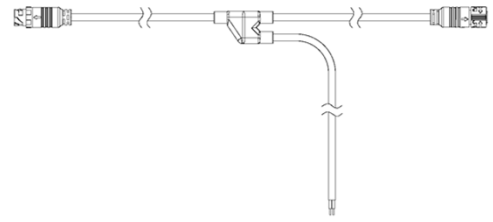
Description
BCP389 C L30 glare shield (10 pcs)
BCP389 C L50 glare shield (10 pcs)
BCP389 C L100 glare shield (10 pcs)
ZXP390 Lead 2P DC cable 2m (10 pcs)
ZXP390 Jump 2P DC cable 2m (10 pcs)
ZXP390 Lead 5P DC/DMX cable 2m (10 pcs)
ZXP390 Jump 5P DC/DMX cable 2m (10 pcs)
ZXP390 Y-connect kit 5P DC/DMX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

¹ Different cables lengths are available upon request

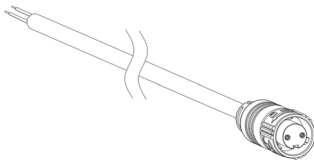
² End caps must be used at the end of each run



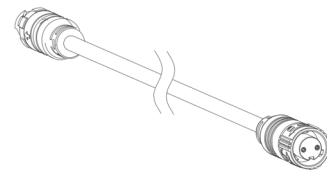
Glare Shield



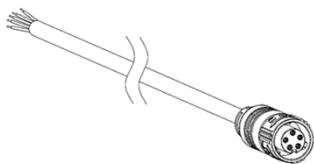
Y-connector kit 5P DC/DMX



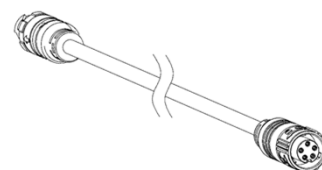
Leader cable 2P DC 2m



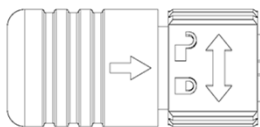
Jumper cable 2P DC 2m



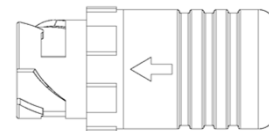
Leader cable 5P DC/DMX 2m



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	-	415	432	421	-	424
3000K	-	415	432	421	-	424
4000K	-	448	467	455	-	458
RGB	270	-	270	-	270	260

L500

CCT/Color (All channels On)	15°	17°	30°	40°	45°	A2
	DMX	DMX	DMX	DMX	DMX	DMX
2700K	-	1595	1661	1618	-	1630
3000K	-	1595	1661	1618	-	1630
4000K	-	1723	1794	1748	-	1760
RGB	540	-	540	-	540	520

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	1060	-	1060	-	1060	1020

