

Brush SLIM (BCP389 SLIM)

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 8 pixels (8IDs) to give architects and designers the freedom to explore a wide range of concepts and design with no limitations.

Key Features (BCP389 SLIM)



- Low power LEDs to deliver a smooth and soft lighting distribution
- Slim design 25mm wide to fit small architectures and grooves
- Standard: RGBW, RGB, 2700K, 3000K and 4000K
- Optional 5000K, Monochromatic Colors and Tunable White
- Standard 300, 500 and 1000mm product lengths
- Up to 10 pixels(10IDs) for easy and flexible control
- Symmetrical and asymmetrical optical distributions
- Robust Design & IP66 rating for outdoor use
- Adjustable $\pm 95^\circ$ tilting angle via mounting brackets
- Available in DMX control option

Ordering guide

ex: BCP389 SLIM RGB 24V A3 L100 DMX

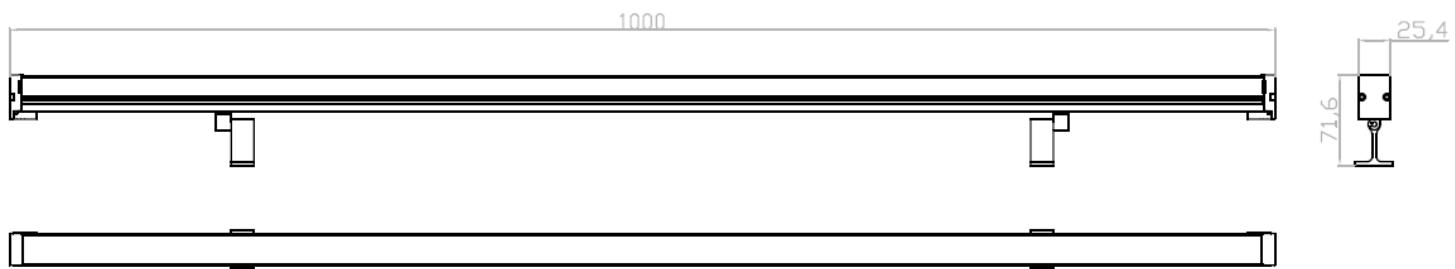
BCP389	SLIM		24V		L	
Family	Version	CCT / Color	Voltage	Beam Angle	Length	Control/Pixels ⁽¹⁾⁽²⁾
BCP389 – Brush	SLIM Version	27K – 2700K 30K – 3000K 40K – 4000K 50K – 5000K tW – Tunable White <hr/> BL – Blue RD – Red GN – Green AM – Amber RGB – RGB <hr/> RGBWW – RGBW(3000K) RGBNW – RGBW(4000K)	24V – 24V DC	45 – 45° 60 – 60° A11 – 20x30° <hr/> 30 – 30° 45 – 45° A3 – 20x40° <hr/> 45 – 45° A11 – 20x30°	L30 – 300mm L50 – 500mm L100 – 1000mm	– On/Off DMX – DMX 1PX 2PX – DMX 2PX 5PX – DMX 5PX 10PX – DMX 10PX

(1) RGB, RGBW and tW are only available in DMX
 (2) For detailed pixels information, please check page 2

Product Data

Product Family	Brush SLIM (BCP389 SLIM)		
Dimensions (L x W x H)	300/500/1000 mm x 25.4 mm x 71 mm (with bracket) 300/500/1000 mm x 25.4 mm x 35 mm (without bracket)		
Source	Low power LEDs		
Lumen Maintenance	White: 50,000 hrs L70 at 35°C RGB: 50,000 hrs L50 at 35°C		
Housing	Extruded aluminum		
Finishing	Electrostatically applied polyester powder coating		
Color	Dark Grey (RAL7012)		
Bracket	Extruded aluminum		
Adjustability	Tilting angle $\pm 95^\circ$		
Lenses	Anti-aging and anti-UV high optical efficiency 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
Number of LEDs	12LED	30LED	60LED
Max Power Consumption	3W	7.5W	15W
Number of Pixels (IDs)	1, 2	1, 2, 4	1, 2, 4, 8
Max Weight	0.26kg	0.45kg	0.86kg
Standard CCT/Colors	2700K, 3000K, 4000K, RGBW(4000K), RGB		
Standard Beam Angles	Mono White, tW	RGB, Mono Color	RGBW
	20x30°, 45°, 60°	20x40°, 30°, 45°,	20x30°, 45°,
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)		
Customization	Custom Length up to 1.2m Custom number of pixels up to 10PX Direct view beam angle (WB) Frosted glass cover Fixed non-tiltable bracket		
Protection Rating	IP66, IK06		
Certifications	CE, CB, CQC (all in progress)		
Warranty	3 Years		

Luminaire Dimensions:

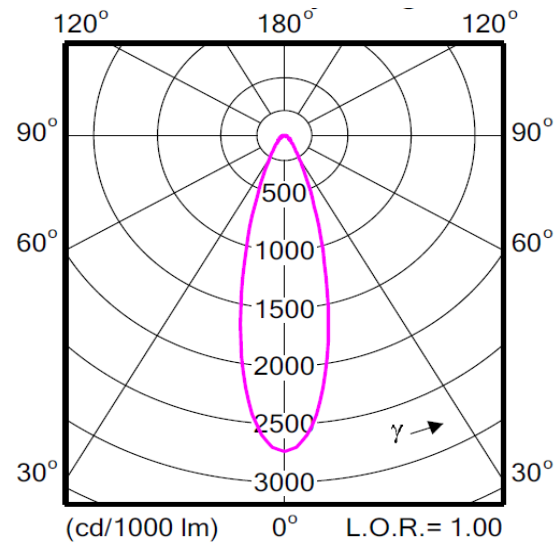


Polar Candela Distribution Curves:

30x30° Beam Angle

Features:

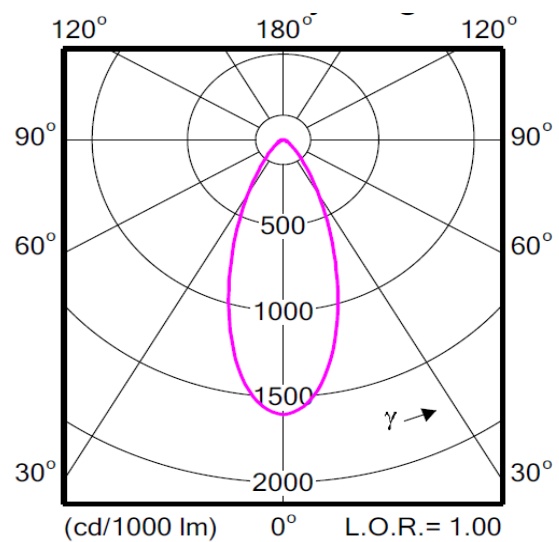
The 30x30° beam angle offers a symmetrical distribution with perfect uniformity. Move it closer to the surface to get a more concentrated light. Available for all versions



45x45° Beam Angle

Features:

The 45x45° beam angle offers a symmetrical distribution with perfect uniformity. Move it closer to the surface to get a concentrated light. Available for all versions

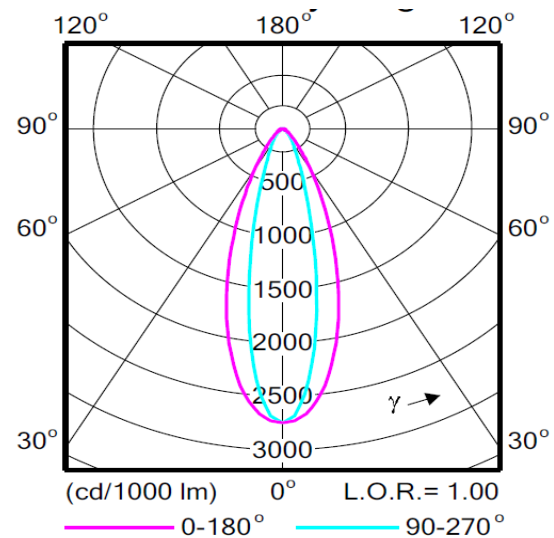


Polar Candela Distribution Curves:

A3: 20x40° Beam Angle

Features:

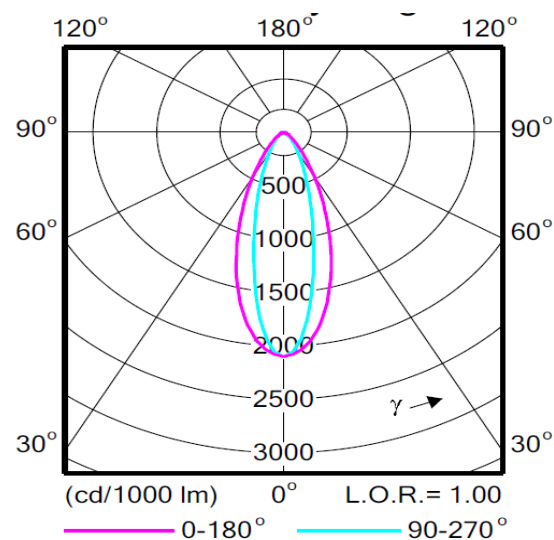
The 20x40° beam angle offers significant and even light output. Move it closer to the surface to get a more concentrated effect. (Available only for Mono colors and RGB versions).



A11: 20x30° Beam Angle

Features:

The 20x30° beam angle offers significant and even light output. Move it closer to the surface to get a more concentrated effect. (Available only for White, RGBW and Tunable white versions).



Order Information:

BCP389 SLIM 27K 24V 45 L30 DMX
BCP389 SLIM 27K 24V 45 L30
BCP389 SLIM 30K 24V 45 L30 DMX
BCP389 SLIM 30K 24V 45 L30
BCP389 SLIM 40K 24V 45 L30 DMX
BCP389 SLIM 40K 24V 45 L30
BCP389 SLIM 27K 24V 60 L30 DMX
BCP389 SLIM 27K 24V 60 L30
BCP389 SLIM 30K 24V 60 L30 DMX
BCP389 SLIM 30K 24V 60 L30
BCP389 SLIM 40K 24V 60 L30 DMX
BCP389 SLIM 40K 24V 60 L30
BCP389 SLIM 27K 24V A11 L30 DMX
BCP389 SLIM 27K 24V A11 L30
BCP389 SLIM 30K 24V A11 L30 DMX
BCP389 SLIM 30K 24V A11 L30
BCP389 SLIM 40K 24V A11 L30 DMX
BCP389 SLIM 40K 24V A11 L30
BCP389 SLIM RGBWW 24V 45 L30 DMX
BCP389 SLIM RGBNW 24V 45 L30 DMX
BCP389 SLIM RGBWW 24V A11 L30 DMX
BCP389 SLIM RGBNW 24V A11 L30 DMX
BCP389 SLIM RGB 24V 30 L30 DMX
BCP389 SLIM RGB 24V 45 L30 DMX
BCP389 SLIM RGB 24V A3 L30 DMX

¹Other options are available upon request

Order Information:

BCP389 SLIM 27K 24V 45 L50 DMX
BCP389 SLIM 27K 24V 45 L50
BCP389 SLIM 30K 24V 45 L50 DMX
BCP389 SLIM 30K 24V 45 L50
BCP389 SLIM 40K 24V 45 L50 DMX
BCP389 SLIM 40K 24V 45 L50
BCP389 SLIM 27K 24V 60 L50 DMX
BCP389 SLIM 27K 24V 60 L50
BCP389 SLIM 30K 24V 60 L50 DMX
BCP389 SLIM 30K 24V 60 L50
BCP389 SLIM 40K 24V 60 L50 DMX
BCP389 SLIM 40K 24V 60 L50
BCP389 SLIM 27K 24V A11 L50 DMX
BCP389 SLIM 27K 24V A11 L50
BCP389 SLIM 30K 24V A11 L50 DMX
BCP389 SLIM 30K 24V A11 L50
BCP389 SLIM 40K 24V A11 L50 DMX
BCP389 SLIM 40K 24V A11 L50
BCP389 SLIM RGBWW 24V 45 L50 DMX
BCP389 SLIM RGBNW 24V 45 L50 DMX
BCP389 SLIM RGBWW 24V A11 L50 DMX
BCP389 SLIM RGBNW 24V A11 L50 DMX
BCP389 SLIM RGB 24V 30 L50 DMX
BCP389 SLIM RGB 24V 45 L50 DMX
BCP389 SLIM RGB 24V A3 L50 DMX

¹Other options are available upon request

Order Information:

BCP389 SLIM 27K 24V 45 L100 DMX
BCP389 SLIM 27K 24V 45 L100
BCP389 SLIM 30K 24V 45 L100 DMX
BCP389 SLIM 30K 24V 45 L100
BCP389 SLIM 40K 24V 45 L100 DMX
BCP389 SLIM 40K 24V 45 L100
BCP389 SLIM 27K 24V 60 L100 DMX
BCP389 SLIM 27K 24V 60 L100
BCP389 SLIM 30K 24V 60 L100 DMX
BCP389 SLIM 30K 24V 60 L100
BCP389 SLIM 40K 24V 60 L100 DMX
BCP389 SLIM 40K 24V 60 L100
BCP389 SLIM 27K 24V A11 L100 DMX
BCP389 SLIM 27K 24V A11 L100
BCP389 SLIM 30K 24V A11 L100 DMX
BCP389 SLIM 30K 24V A11 L100
BCP389 SLIM 40K 24V A11 L100 DMX
BCP389 SLIM 40K 24V A11 L100
BCP389 SLIM RGBWW 24V 45 L100 DMX
BCP389 SLIM RGBNW 24V 45 L100 DMX
BCP389 SLIM RGBWW 24V A11 L100 DMX
BCP389 SLIM RGBNW 24V A11 L100 DMX
BCP389 SLIM RGB 24V 30 L100 DMX
BCP389 SLIM RGB 24V 45 L100 DMX
BCP389 SLIM RGB 24V A3 L100 DMX

¹Other options are available upon request

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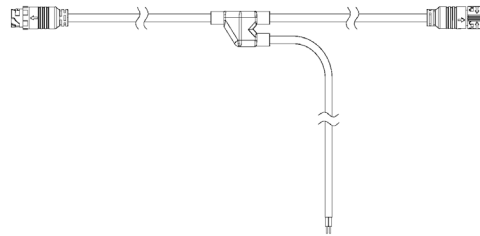
Order Information:

Accessories

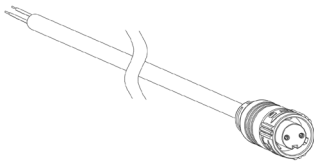
Description
ZXP390 Lead 2P DC cable 2m (10 pcs)
ZXP390 Jump 2P DC cable 2m (10 pcs)
ZXP390 Lead 5P DC/DMX cable 2m (10 pcs)
ZXP390 Jump 5P DC/DMX cable 2m (10 pcs)
ZXP390 Y-connect kit 5P DC/DMX (10 pcs)
ZXP390 Jump 5P DMX connector (10 pcs)
ZXP390 endcap male connector (20 pcs)
ZXP390 endcap female connector (20 pcs)

¹ Different cables lengths are available upon request

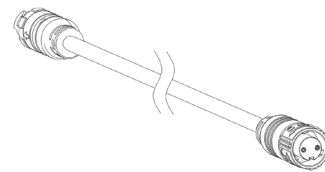
² End caps must be used at the end of each run



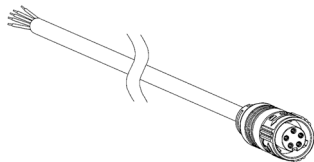
Y-connector kit 5P DC/DMX



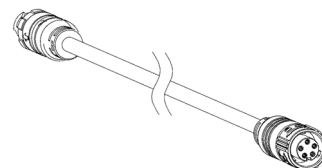
Leader cable 2P DC 2m



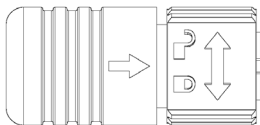
Jumper cable 2P DC 2m



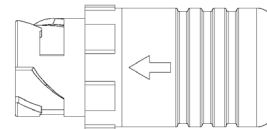
Leader cable 5P DC/DMX 2m



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 (DMX All channels On)	30°	45°	60°	A3	A11
2700K	–	195	200	–	195
3000K	–	195	200	–	195
4000K	–	210	210	–	205
RGB	90	95	–	90	–
RGBNW	–	150	–	–	145
RGBWW	–	145	–	–	140

L500

CCT/Color (DMX All channels On)	30°	45°	60°	A3	A11
2700K	–	490	495	–	485
3000K	–	490	495	–	485
4000K	–	520	525	–	515
RGB	240	240	–	225	–
RGBNW	–	390	–	–	375
RGBWW	–	375	–	–	360

L1000

CCT/Color (DMX All channels On)	30°	45°	60°	A3	A11
2700K	–	975	985	–	960
3000K	–	975	985	–	960
4000K	–	1035	1045	–	1020
RGB	375	375	–	345	–
RGBNW	–	750	–	–	730
RGBWW	–	720	–	–	695

