



ColorGraze IntelliHue Powercore

ColorGraze IntelliHue Powercore, 100 to 277 VAC, 60° x 30°, 305 mm (1 ft)

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Graze is a high-performance, exterior linear luminaire designed to highlight architectural features ranging from surface textures and moulding details to archways and windows. Graze IntelliHue utilises Color Kinetics IntelliHue technology to produce millions of saturated colours, pastels and high-quality white light, in the same precisely controllable luminaire. Multiple fixture lengths and beam angles support a large range of façade or surface illumination applications. Low-profile housing, connectorised cabling, a universal power input range and direct line voltage operation make Graze luminaires easy to install and operate.

Product data

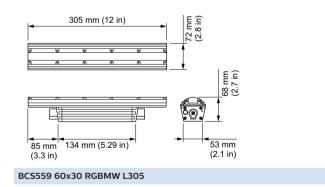
General information		Light technical
Lamp family code	LED-HB [LED High Brightness]	Efficacy (lm/W) @ 4,000 K
Light source colour	IntelliHue	Efficacy (lm/W) @ 2,700 K
Light source replaceable	No	CRI @ 4,000 K
Driver included	Yes	CRI @ 2,700
Optical cover/lens type	PC-UV [Polycarbonate bowl/cover UV-	
	resistant]	Operating and electrical
CE mark	CE mark	Input Voltage
UL mark	UL and cUL mark	Input frequency

Light technical		
Efficacy (lm/W) @ 4,000 K	44.6 lm/W	
Efficacy (lm/W) @ 2,700 K	47 lm/W	
CRI @ 4,000 K	81.4	
CRI @ 2,700	87.1	
Operating and electrical		
Input Voltage	100 to 277 V	
Input frequency	50 to 60 Hz	

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Controls and dimming		Over time performance (IEC compliant)	
Dimmable	Yes	Lumen Maintenance 50% at 25 °C Reported	75000
		Lumen Maintenance 50% at 50 °C Reported	70000
Mechanical and housing		Lumen Maintenance 70% at 25 °C Calculated	100000
Housing material	Aluminum extruded	Lumen Maintenance 70% at 25 °C Reported	70000
Optic material	Polycarbonate	Lumen Maintenance 70% at 50 °C Calculated	100000
Optical cover/lens material	Polycarbonate	Lumen Maintenance 70% at 50 °C Reported	65000
Length	305 mm		
Colour	Aluminum	Application conditions	
		Ambient temperature range	-40 to +50 °C
Approval and application			
Ingress protection code	IP66 [Dust penetration-protected, jet-	Product data	
	proof]	Full product code	871869921249099
Energy Efficiency Class	G	Order product name	BCS559 60x30 RGBMW L305
Mech. impact protection code	IK10 [20 J vandal-resistant]	EAN/UPC – product	8718699212490
Vibration standard	Complies with ANSI C136.31, 3G	Order code	423-000016-04
FCC mark	FCC Class A	SAP numerator – quantity per pack	1
Vibration rating	Complies with ANSI C136.31, 3G	Numerator – packs per outer box	4
	887740	SAP material	912400135879
		Net Weight (Piece)	0.345 kg
Initial performance (IEC compliant)		Commercial Code	423-000016-04
Initial luminous flux (system flux)	692 lm	Catalogue number description	ColorGraze IntelliHue Powercore, 100 t
Initial luminous flux at colour temperature of 433 lm			277 VAC, 60° x 30°, 305 mm (1 ft)
2,700 K			
Initial luminous flux at colour tempera	ature of 521 lm		
4,000 K		IP 66	
Initial LED luminaire efficacy	38.7 lm/W		
Initial input power	18 W		

Dimensional drawing



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www.lighting.philips.com 2023, January 10 - data subject to change