



ColorGraze IntelliHue Powercore

ColorGraze IntelliHue Powercore, 100 to 277 VAC, 9° x 9°, 914 mm (3 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	
Lamp family code	LED-HB [LED High Brightness]
Light source colour	IntelliHue
Light source replaceable	No
Driver included	Yes
Optical cover/lens type	PC-UV [Polycarbonate bowl/cover UV-
	resistant]
CE mark	CE mark
UL mark	UL and cUL mark

Light technical	
Efficacy (lm/W) @ 4,000 K	45.8 lm/W
Efficacy (lm/W) @ 2,700 K	47.8 lm/W
CRI @ 4,000 K	81.3
CRI @ 2,700	86.7
Operating and electrical	
Input Voltage	100 to 277 V
Input frequency	50 to 60 Hz

Datasheet, 2023, January 10 data subject to change

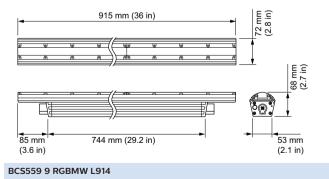
ColorGraze IntelliHue Powercore

Controls and dimming	
Dimmable	Yes
Mechanical and housing	
Housing material	Aluminum extruded
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Length	914 mm
Colour	Aluminum
Approval and application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof
Energy Efficiency Class	G
Mech. impact protection code	IK10 [20 J vandal-resistant]
Vibration standard	Not compliant to ANSI C136.31, 3G. Special
	orders are available to conform to the
	standard. Please contact your Color Kinetics
	Lighting Sales rep for custom configurations.
FCC mark	FCC Class A
Vibration rating	Not compliant to ANSI C136.31, 3G. Special
	orders are available to conform to the
	standard. Please contact your Color Kinetics
	Lighting Sales rep for custom configurations.
	887746
Initial performance (IEC compliant	<u> </u>
Initial luminous flux (system flux)	2061 lm
Initial luminous flux at colour	1332 lm
temperature of 2,700 K	
Initial luminous flux at colour	1608 lm
temperature of 4,000 K	
Initial LED luminaire efficacy	38.8 lm/W

Over time performance (IEC compliant)		
Lumen Maintenance 50% at 25 °C	75000	
Reported		
Lumen Maintenance 50% at 50 °C	70000	
Reported		
Lumen Maintenance 70% at 25 $^{\circ}\text{C}$	100000	
Calculated		
Lumen Maintenance 70% at 25 °C	70000	
Reported		
Lumen Maintenance 70% at 50 °C	100000	
Calculated		
Lumen Maintenance 70% at 50 °C	65000	
Reported		
Application conditions		
Ambient temperature range	-40 to +50 °C	
Product data		
Full product code	871869921265000	
Order product name	BCS559 9 RGBMW L914	
EAN/UPC – product	8718699212650	
Order code	423-000016-10	
SAP numerator – quantity per pack	1	
Numerator – packs per outer box	1	
SAP material	912400135885	
Net Weight (Piece)	3.800 kg	
Commercial Code	423-000016-10	
Catalogue number description	ColorGraze IntelliHue Powercore, 100 to 277	
	VAC, 9° x 9°, 914 mm (3 ft)	



Dimensional drawing



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