



ColorGraze IntelliHue Powercore



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

Product data

General information		Efficacy (lm/W) @ 2700 K	
Lamp family code	LED-HB [LED High Brightness]	CRI @ 4000 K	80.7
Light source color	IntelliHue	CRI @ 2700	86.8
Light source replaceable	No	Operating and electrical	
Driver included	Yes	Input Voltage	100 to 277 V
Optical cover/lens type	Polycarbonate bowl/cover UV-resistant	Input Frequency	50 to 60 Hz
CE mark	CE mark	Controls and dimming	
UL mark	UL and cUL mark	Dimmable	Yes
Light technical			
Efficacy (lm/W) @ 4000 K	45.1 lm/W		

ColorGraz e IntelliHue Powercore

Mechanical and housing	
Housing Material	Aluminum extruded
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Length	610 mm
Color	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	Complies with ANSI C136.31, 3G
Corrosion Resistance	Complies with ASTM B117 standard with special order. Please contact your Color Kinetics Lighting Sales rep for custom configurations.
FCC mark	FCC Class A
Vibration Rating	Complies with ANSI C136.31, 3G
EPREL Registration Number	887744
Initial performance (IEC compliant)	
Initial luminous flux (system flux)	1394 lm
Initial luminous flux at color temperature of 2700 K	880 lm
Initial luminous flux at color temperature of 4000 K	1066 lm
Initial LED luminaire efficacy	38.9 lm/W
Init. Color Rendering Index	60

Initial input power	36 W
Over time performance (IEC compliant)	
Lumen Maintenance 50% at 25°C Reported	75000
Lumen Maintenance 50% at 50°C Reported	70000
Lumen Maintenance 70% at 25°C Calculated	100000
Lumen Maintenance 70% at 25°C Reported	70000
Lumen Maintenance 70% at 50°C Calculated	100000
Lumen Maintenance 70% at 50°C Reported	65000
Application conditions	
Ambient temperature range	-40 to +50 °C
Product data	
Full product code	871869921253799
Order product name	BCS559 30x60 RGBMW L609
EAN/UPC - Product	8718699212537
Order code	423-000016-08
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	912400135883
Net Weight (Piece)	2.700 kg
Catalog Number	423-000016-08
Catalog Number Description	ColorGraz e IntelliHue Powercore, 100 to 277 VAC, 30° x 60°, 610 mm (2 ft)



Dimensional drawing



