



iW Graze EC Powercore

iW Graze EC Powercore, 90° x 90° Beam Angle, 610 mm (2 ft)

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Some exterior architectural details require a soft-edged volume fill of light. Graze EC Powercore combines this output with the proven, durable design of the Graze Powercore product family and low power consumption.

Product data

General Information	
Lamp family code	LED-HB [LED High Brightness]
Light source colour	Cool white and warm white
Light source replaceable	No
Driver included	Yes
Optic type	90 [Beam angle 90°]
Optical cover/lens type	PCF [Polycarbonate bowl/cover frosted]
Luminaire light beam spread	90° x 90°
Protection class IEC	Safety class I (I)
CE mark	CE mark
UL mark	UL and cUL mark
Lifetime to 70% luminous flux	100000 h
Operating and Electrical	
Input Voltage	100 to 277 V
Input frequency	50 to 60 Hz

Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Housing material	Aluminum extruded
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Length	609 mm
Colour	Aluminum
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-
	proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Vibration standard	Complies with ANSI C136.31, 3G
Vibration rating	Complies with ANSI C136.31, 3G

Datasheet, 2021, May 13 data subject to change

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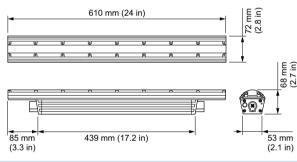
Initial Performance (IEC Compliant)		
Initial luminous flux (system flux)	824 lm	
Initial LED luminaire efficacy	29.6 lm/W	
Init. Colour rendering index	82	
Initial input power	20 W	
Over Time Performance (IEC Complian	nt)	
Lumen Maintenance 50% at 25 °C	100000	
Calculated		
Lumen Maintenance 50% at 25 °C Reported	36000	
Lumen Maintenance 50% at 50 °C	80000	
Calculated		
Lumen Maintenance 50% at 50 °C Reported	36000	
Lumen Maintenance 70% at 25 °C	100000	
Calculated		
Lumen Maintenance 70% at 25 °C Reported	36000	
Lumen Maintenance 70% at 50 °C	60000	
Calculated		
Lumen Maintenance 70% at 50 °C Reported	36000	

Application Conditions	
Ambient temperature range	-40 to +50 °C
Product Data	
Full product code	871829160990299
Order product name	BCS438 2700-6500 L609
EAN/UPC – product	8718291609902
Order code	523-000079-41
SAP numerator – quantity per pack	1
Numerator – packs per outer box	4
SAP material	910503703685
SAP net weight (piece)	2.598 kg
Commercial Code	523-000079-41
Catalogue number description	iW Graze EC Powercore, 90° x 90° Bean
	Angle, 610 mm (2 ft)





Dimensional drawing



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