



# 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		Controls and Dimming	
Lamp family code	LED-HB [ LED High Brightness]	Dimmable	Yes
Light source colour	Cool white and warm white		
Light source replaceable	No	Mechanical and Housing	
Driver included	Yes	Housing material	Aluminum extruded
Optic type	90 [ Beam angle 90°]	Optic material	Polycarbonate
Optical cover/lens type	PCF [ Polycarbonate bowl/cover frosted]	Optical cover/lens material	Polycarbonate
Luminaire light beam spread	90° x 90°	Length	609 mm
Protection class IEC	Safety class I (I)	Colour	Aluminum
CE mark	CE mark	Approval and Application	
UL mark	UL and cUL mark	Ingress protection code	IP66 [ Dust penetration-protected, jet-proof]
Lifetime to 70% luminous flux	100000 h	Mech. impact protection code	IK08 [ 5 J vandal-protected]
Operating and Electrical		Vibration standard	Complies with ANSI C136.31, 3G
Input Voltage	100 to 277 V	Vibration rating	Complies with ANSI C136.31, 3G
Input frequency	50 to 60 Hz		

## iW Graze EC Powercore

### 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 Compliant)

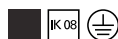
Lumen Maintenance 50% at 25 °C	100000
Calculated	
Lumen Maintenance 50% at 25 °C Reported	36000
Lumen Maintenance 50% at 50 °C	80000
Calculated	
Lumen Maintenance 50% at 50 °C Reported	36000
Lumen Maintenance 70% at 25 °C	100000
Calculated	
Lumen Maintenance 70% at 25 °C Reported	36000
Lumen Maintenance 70% at 50 °C	60000
Calculated	
Lumen Maintenance 70% at 50 °C Reported	36000

### Application Conditions

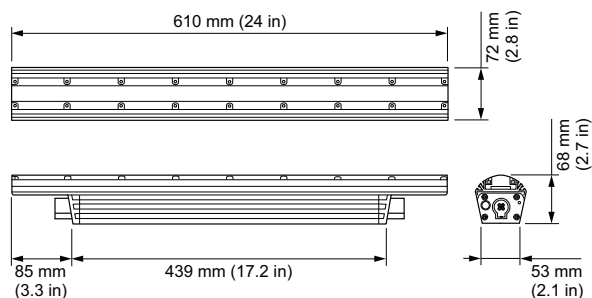
Ambient temperature range	-40 to +50 °C
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### Product Data

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° Beam Angle, 610 mm (2 ft)



## Dimensional drawing



Graze

