



iW Graze EC Powercore

iW Graze EC Powercore, 90° x 90° Beam Angle, 305 mm (1 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]
Lamp colour code	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	305 mm
Colour	Aluminium
Approval and Application	
Approvat and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-
	proof]
Mech. impact protection code	proof] IK08 [5 J vandal-protected]
Mech. impact protection code Vibration standard	
	IK08 [5 J vandal-protected]

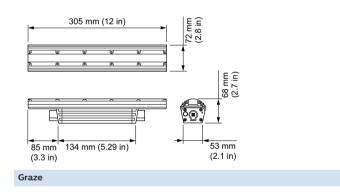
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Initial Performance (IEC Compliant)		
Initial luminous flux (system flux)	412 lm	
Initial LED luminaire efficacy	29.6 lm/W	
Colour Rendering Index	82	
Initial input power	10 W	
Over Time Performance (IEC Compliant)		
Lumen Maintenance 50% at 25 °C	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
Product Data	
Full product code	871829160989699
Order product name	BCS438 2700-6500 L305
EAN/UPC – product	8718291609896
Order code	523-000079-40
SAP numerator – quantity per pack	1
Numerator – packs per outer box	4
SAP material	910503703684
SAP net weight (piece)	1.200 kg
Commercial Code	523-000079-40
Commercial Code	iW Graze EC Powercore, 90° x 90° Beam
	Angle, 305 mm (1 ft)



Dimensional drawing





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