



## 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]
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
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	Extruded aluminium
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Length	305 mm
Colour	Aluminium
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

## **iW** Graze EC Powercore

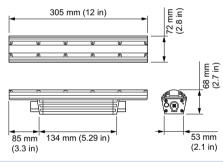
Initial Performance (IEC Compliant)		
Initial luminous flux (system flux)	412 lm	
Initial LED luminaire efficacy	29.6 lm/W	
Init. Colour rendering index	82	
Initial input power	10 W	
Over Time Performance (IEC Compliant)		
Lumen Maintenance 50% at 25 °C	100000	
Calculated		
Lumen Maintenance 50% at 25 °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 Calculated 100000		
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
Catalogue number description	iW Graze EC Powercore, 90° x 90° Beam
	Angle, 305 mm (1 ft)





## Dimensional drawing



Graze



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