



ProFlood LED

BCP608 LED55/740 I EB GO-SH GR10714

PROFLOOD LED, 1, LED Multi-die, LED, 50 W, Electronic standard, Power supply unit regulating with constant light output, Symmetrical, Tempered glass, 40°, Mounting bracket adjustable

ProFlood LED is a waterproof projector allowing both image projection and creative light framing – a powerful tool that gives display lighting designers great creative freedom. They can adjust the projector's output to precisely match the surroundings or to create a particular effect, virtually 'sculpting' the light.

Product data

General Information	
Lamp family code	LED-MD [LED Multi-die]
Light source replaceable	No
Number of gear units	Unit
Gear	EBS [Electronic standard]
Driver included	Yes
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.
Light source engine type	LED
Product family code	BCP608 [PROFLOOD LED]
Lighting Technology	LED

Value ladder	Performance
CE mark	Yes
Warranty period	1 years
Flammability mark	-
ENEC mark	-
Glow-wire test	Temperature 600 °C, duration 30 s
EU RoHS compliant	Yes

Light Technical	
Upwards light output ratio	0.67
Luminous Flux	3,750 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	75 lm/W
Colour rendering index (CRI)	>70
Number of light sources	1

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Light source colour	740 neutral white
Optical cover type	Tempered glass
Luminaire light beam spread	40°
Optic type outdoor	Symmetrical

Operating and Electrical

Input Voltage	220/240 V
Line Frequency	50 or 60 Hz
Inrush current	20 A
Inrush time	0.275 ms
Power Consumption	50 W
Power Factor (Fraction)	0.98
Connection	Connection unit 3-pole
Cable	-
Number of products on MCB of 16 A type B	1

Temperature

Ambient temperature range	-40 to +50 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit regulating with constant light output
Control interface	-
Constant light output	No

Mechanical and Housing

Housing material	Aluminium
Reflector material	Glass
Optic material	Glass
Optical cover/lens material	Glass
Fixation material	Steel
Housing Colour	Grey
Mounting device	Mounting bracket adjustable
Optical cover/lens shape	Curved
Optical cover/lens finish	Clear
Overall length	674 mm
Overall width	294 mm
Overall height	400 mm
Effective projected area	0.12 m²

Dimensions (height x width x depth)	400 x 294 x 674 mm
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Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Surge Protection (Common/Differential)	Luminaire surge protection level up to 4 kV differential mode and 4 kV common mode
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 0 @200mm to EN62778

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-5%
Initial chromaticity	(0.3862,0.3758) 4-step
Power consumption tolerance	+/-5%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L80

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

Product Data

Order product name	BCP608 LED55/740 I EB GO-SH GR10714
Full product name	BCP608 LED55/740 I EB GO-SH GR10714
Full EOC	871869692966700
Order code	92966700
Material no. (12 NC)	910505017271
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696929667
Numerator – packs per outer box	1
EAN/UPC - Case	8718696929667

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Dimensional drawing

