



# ProFlood LED

## BCP608 LED55/740 I EB GOBO 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 engine type	LED
Light source replaceable	No	Product family code	BCP608 [PROFLOOD LED]
Number of gear units	Unit	Lighting Technology	LED
Gear	EBS [Electronic standard]	Value ladder	Performance
Driver included	Yes	CE mark	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. * At extreme ambient temperatures the luminaire might automatically dim down to protect components	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

## ProFlood LED

Luminous efficacy (rated) (nom.)	75 lm/W
Colour rendering index (CRI)	>70
Number of light sources	1
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

### 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 GOBO GR10714
Full product name	BCP608 LED55/740 I EB GOBO GR10714
Full EOC	871869692964300
Order code	92964300
Material no. (12 NC)	910505017269
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696929643
Numerator – packs per outer box	1
EAN/UPC - Case	8718696929643

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### Dimensional drawing

