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

Philips ProFlood LED is a waterproof projector for both image projection (gobo) and creative light framing (shutters). This powerful architectural floodlighting tool gives display lighting designers superb creative freedom to project everything from images to logos. With an adjustable beam, the projector's output can be fine-tuned to precisely match the surroundings. ProFlood LED can be used to create a particular effect, virtually 'sculpting' the light to support architectural light concepts for every city and urban context. Eye-catching display effects made easy with ProFlood LED.

Product data

General Information

			might automatically dim down to protect components	
Lamp family code	LED-MD [LED Multi-die]			
Light source replaceable	No	Light source engine type	LED	
Number of gear units	1 unit	Product family code	BCP608 [PROFLOOD LED]	
Gear	EBS [Electronic standard]	Lighting Technology	LED	
Driver included	Yes	Value ladder	Performance	
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires – January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value. * At extreme ambient temperatures the luminaire	CE mark	Yes	
		Warranty period	1 years	
		Flammability mark	-	
		ENEC mark	-	
		Glow-wire test	Temperature 600 °C, duration 30 s	
		EU RoHS compliant	Yes	

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Light Technical

Upward light output ratio	0.67
Luminous Flux	3,750 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	75 lm/W
Color rendering index (CRI)	>70
Number of light sources	1
Light source color	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

Controls and Dimming

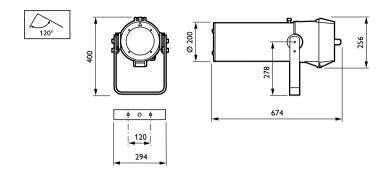|	
Dimmable	No
Driver/power unit/transformer	Power supply unit regulating with constant light output
Control interface	–
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	Glass
Optic material	Glass
Optical cover material	Glass
Fixation material	Steel
Housing Color	Grey
Mounting device	Mounting bracket adjustable
Optical cover shape	Curved

Optical cover 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 until 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 50000 h	5 %
Lumen maintenance at median useful life* 50000 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 product code	871869692964300
Order code	92964300
Material Nr. (12NC)	910505017269
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

www.lighting.philips.com

2023, April 30 – data subject to change