ProFlood LED

BCP608 LED55/740 II EB SHUT 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	
Lamp family code	LED-MD [LED Multi-die]
Light source replaceable	No
Number of gear units	1 unit
Gear	EBS [Electronic standard]
Driver included	Yes
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 might automatically dim down to protect components
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

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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 II
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 II EB SHUT GR10714
Full product name	BCP608 LED55/740 II EB SHUT GR10714
Full product code	871869692968100
Order code	910505017273
Material Nr. (12NC)	910505017273
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696929681
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696929681

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Dimensional drawing