



ProFlood LED

BCP608 LED55/740 II 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

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.		
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	-	
	Temperature 600 °C, duration 30 s	
Glow-wire test	Temperature 600 °C, duration 30 s	
Glow-wire test EU RoHS compliant	Temperature 600 °C, duration 30 s Yes	
	- '	
	- '	
EU RoHS compliant	- '	
EU RoHS compliant Light Technical	Yes	
EU RoHS compliant Light Technical Upward light output ratio	Yes 0.67	

Datasheet, 2023, December 5 data subject to change

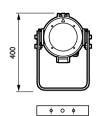
ProFlood LED

Standard tilt angle side entry	0°	Overall width	294 mm
Correlated Color Temperature (Nom)	4000 K	Overall height	400 mm
Luminous Efficacy (rated) (Nom)	75 lm/W	Effective projected area	0.12 m²
Color rendering index (CRI)	>70	Dimensions (Height x Width x Depth)	400 x 294 x 674 mm
Number of light sources	1		
Light source color	740 neutral white	Approval and Application	
Optical cover type	Tempered glass	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Luminaire light beam spread	40°	Mech. impact protection code	IK06 [1 J]
Optic type outdoor	Symmetrical	Surge Protection (Common/Differential)	Luminaire surge protection level until 4 kV
			differential mode and 4 kV common mode
Operating and Electrical		Protection class IEC	Safety class II
Input Voltage	220/240 V	Photobiological risk	Photobiological risk group 0 @200mm to
Line Frequency	50 or 60 Hz		EN62778
Inrush current	20 A		
Inrush time	0.275 ms	Initial Performance (IEC Compliant)	
Power Consumption	50 W	Luminous flux tolerance	+/-5%
Power Factor (Fraction)	0.98	Initial chromaticity	(0.3862,0.3758) 4-step
Connection	Connection unit 3-pole	Power consumption tolerance	+/-5%
Cable	-	Init. Color Rendering Index Tolerance	+/-2
Number of products on MCB of 16 A type	e B 1		
		Over Time Performance (IEC Complia	ant)
Temperature		Control gear failure rate at median useful	5 %
Ambient temperature range	-40 to +50 °C	life 50000 h	
		Lumen maintenance at median useful life*	L80
Controls and Dimming		50000 h	
Dimmable	No		
Driver/power unit/transformer	Power supply unit regulating with constant	Application Conditions	
	light output	Performance ambient temperature Tq	25 ℃
Control interface	-	Maximum dim level	Not applicable
Constant light output	No		
		Product Data	
Mechanical and Housing		Order product name	BCP608 LED55/740 II EB GO-SH GR10714
Housing Material	Aluminum	Full product name	BCP608 LED55/740 II EB GO-SH GR10714
Reflector material	Glass	Full product code	871869692969800
Optic material	Glass	Order code	910505017274
Optical cover material	Glass	Material Nr. (12NC)	910505017274
Fixation material	Steel	Numerator - Quantity Per Pack	1
	Grey	EAN/UPC - Product/Case	8718696929698
Housing Color			1
Housing Color Mounting device	Mounting bracket adjustable	Numerator - Packs per outer box	1
	Mounting bracket adjustable Curved	Numerator - Packs per outer box EAN/UPC - Case	8718696929698
Mounting device		<u> </u>	

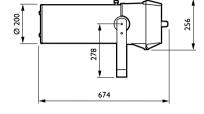
ProFlood LED

Dimensional drawing





120 294





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.