

ProFlood LED

BCP608 LED55/740 I EB GO-SH GR10714 MSP

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	

Datasheet, 2023, December 5 data subject to change

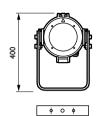
ProFlood LED

Light Technical		Overall length	674 mm
Upward light output ratio	0.67	Overall width	294 mm
Luminous Flux	3,750 lm	Overall height	400 mm
Standard tilt angle posttop	O°	Effective projected area	0.12 m²
Standard tilt angle side entry	O°	Dimensions (Height x Width x Depth)	400 x 294 x 674 mm
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	75 lm/W	Approval and Application	
Color rendering index (CRI)	>70	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Number of light sources	1	Mech. impact protection code	IK06 [1 J]
Light source color	740 neutral white	Surge Protection (Common/Differential)	Luminaire surge protection level until 4 kV
Optical cover type	Tempered glass		differential mode and 4 kV common mode
Luminaire light beam spread	40°	Protection class IEC	Safety class I
Optic type outdoor	Symmetrical	Photobiological risk	Photobiological risk group 0 @200mm to
			EN62778
Operating and Electrical			
Input Voltage	220/240 V	Initial Performance (IEC Compliant)	
Line Frequency	50 or 60 Hz	Luminous flux tolerance	+/-5%
Inrush current	20 A	Initial chromaticity	(0.3862,0.3758) 4-step
Inrush time	0.275 ms	Power consumption tolerance	+/-5%
Power Consumption	50 W	Init. Color Rendering Index Tolerance	+/-2
Power Factor (Fraction)	0.98		
Connection	Connection unit 3-pole	Over Time Performance (IEC Compliant)	
Cable		Control gear failure rate at median useful 5%	
Number of products on MCB of 16 A type	1	life 50000 h	
<u>B</u>		Lumen maintenance at median useful life	* L80
		50000 h	
Temperature			
Ambient temperature range	-40 to +50 °C	Application Conditions	25.06
		Performance ambient temperature Tq	25 °C
Controls and Dimming		Maximum dim level	Not applicable
Dimmable	No	Product Data	
Driver/power unit/transformer	Power supply unit regulating with constant		DCDC00 EDEE /740 ED CO CH CD10714
	light output	Order product name	BCP608 LED55/740 I EB GO-SH GR10714 MSP
Control interface	-	Full product name	BCP608 LED55/740 I EB GO-SH GR10714
Constant light output	No	ruit product name	MSP
Mashanian and Hausing		Full product code	871869692978000
Mechanical and Housing	A1 :	Order code	910505017283
Housing Material	Aluminum	Material Nr. (12NC)	910505017283
Reflector material	Glass	Numerator - Quantity Per Pack	1
Optic material	Glass	EAN/UPC - Product/Case	8718696929780
Optical cover material	Glass	Numerator - Packs per outer box	1
Fixation material	Steel	EAN/UPC - Case	8718696929780
Housing Color	Mounting bracket adjustable	2/01 C Casc	5555525760
Mounting device	Mounting bracket adjustable		
Optical cover shape	Clear		
Optical cover finish	Clear		

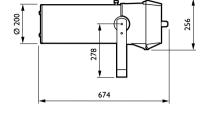
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Dimensional drawing





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