



ProFlood LED

BCP608 LED55/740 I 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.	
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	
EU RoHS compliant	· · ·	
EU RoHS compliant Light Technical	· · ·	
· · · · · · · · · · · · · · · · · · ·	· · ·	
Light Technical	Yes	

Datasheet, 2023, December 5 data subject to change

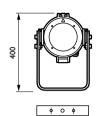
ProFlood LED

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 I
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 I	B 1		
		Over Time Performance (IEC Complia	ant)
Temperature		Control gear failure rate at median useful	5 %
Temperature Ambient temperature range	-40 to +50 °C	Control gear failure rate at median useful life 50000 h	5 %
	-40 to +50 °C		
	-40 to +50 °C	life 50000 h	
Ambient temperature range	-40 to +50 °C	life 50000 h Lumen maintenance at median useful life*	
Ambient temperature range Controls and Dimming		life 50000 h Lumen maintenance at median useful life*	
Ambient temperature range Controls and Dimming Dimmable	No	life 50000 h Lumen maintenance at median useful life* 50000 h	
Ambient temperature range Controls and Dimming Dimmable	No Power supply unit regulating with constant	life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions	L80
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer	No Power supply unit regulating with constant light output	life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq	L80 25 °C
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface	No Power supply unit regulating with constant light output	life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq	L80 25 °C
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface	No Power supply unit regulating with constant light output	life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level	L80 25 °C
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output	No Power supply unit regulating with constant light output	life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data	L80 25 °C Not applicable
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing	No Power supply unit regulating with constant light output - No	life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name	L80 25 °C Not applicable BCP608 LED55/740 I EB SHUT GR10714
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material	No Power supply unit regulating with constant light output - No Aluminum	life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name	L80 25 °C Not applicable BCP608 LED55/740 I EB SHUT GR10714 BCP608 LED55/740 I EB SHUT GR10714
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material	No Power supply unit regulating with constant light output - No Aluminum Glass	life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code	25 °C Not applicable BCP608 LED55/740 I EB SHUT GR10714 BCP608 LED55/740 I EB SHUT GR10714 871869692965000
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material	No Power supply unit regulating with constant light output - No Aluminum Glass Glass Glass	life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code	25 °C Not applicable BCP608 LED55/740 I EB SHUT GR10714 BCP608 LED55/740 I EB SHUT GR10714 871869692965000 910505017270
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material	No Power supply unit regulating with constant light output - No Aluminum Glass Glass Glass Steel	life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	L80 25 °C Not applicable BCP608 LED55/740 I EB SHUT GR10714 BCP608 LED55/740 I EB SHUT GR10714 871869692965000 910505017270 910505017270
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color	No Power supply unit regulating with constant light output - No Aluminum Glass Glass Glass Steel Grey	life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	25 °C Not applicable BCP608 LED55/740 I EB SHUT GR10714 BCP608 LED55/740 I EB SHUT GR10714 871869692965000 910505017270 910505017270 1
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material	No Power supply unit regulating with constant light output - No Aluminum Glass Glass Glass Steel Grey Mounting bracket adjustable	life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	25 °C Not applicable BCP608 LED55/740 I EB SHUT GR10714 BCP608 LED55/740 I EB SHUT GR10714 871869692965000 910505017270 910505017270 1 8718696929650
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color Mounting device Optical cover shape	No Power supply unit regulating with constant light output - No Aluminum Glass Glass Glass Steel Grey Mounting bracket adjustable Curved	life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case Numerator - Packs per outer box	25 °C Not applicable BCP608 LED55/740 I EB SHUT GR10714 BCP608 LED55/740 I EB SHUT GR10714 871869692965000 910505017270 910505017270 1 8718696929650 1
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color Mounting device	No Power supply unit regulating with constant light output - No Aluminum Glass Glass Glass Steel Grey Mounting bracket adjustable	life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case Numerator - Packs per outer box	25 °C Not applicable BCP608 LED55/740 I EB SHUT GR10714 BCP608 LED55/740 I EB SHUT GR10714 871869692965000 910505017270 910505017270 1 8718696929650 1

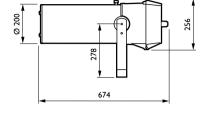
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Dimensional drawing





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