



ClearFlood

BVP650 LED300-4S/740 PSU DX50 ALU

ClearFlood, LED module 30000 lm, LED, Power supply unit (On/Off), Distribution extra wide 50, Aluminum

ClearFlood is a range of floodlights that enables you to choose the exact lumen rating that you need for your specific application. Designed around state-of-the-art LEDs and extremely high-efficiency optics, this very competitive solution offers an industry-leading lux per euro ratio and significant energy savings. The choice of different optics in the ClearFlood range opens new application possibilities for LEDs. ClearFlood BVP650 is also easy to install and to maintain.

Product data

m]
e paper
D based
tistically there
en
d for example
ful life (B50)
alue. * At
the luminaire
to protect

Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 960 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0
Luminous Flux	25,000 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	O°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	140 lm/W

Datasheet, 2024, January 17 data subject to change

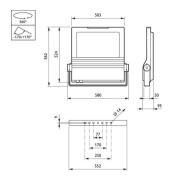
ClearFlood

Color rendering index (CRI)	70	Effective
Number of light sources	120	Dimensio
Light source color	740 neutral white	
Optical cover type	Flat glass	Approv
Luminaire light beam spread	88° x 187°	Ingress p
Optic type outdoor	Distribution extra wide 50	Mech. im
		Surge Pr
Operating and Electrical		
Input Voltage	220-240 V	Sustaina
Line Frequency	50 to 60 Hz	Protection
Inrush current	53 A	Photobio
Inrush time	0.3 ms	
Power Consumption	178 W	
Power Factor (Fraction)	0.99	Initial P
Connection	Connection unit 3-pole	Luminou
Cable	-	Initial ch
Number of products on MCB of 16 A type	4	Power co
В		Init. Colo
Temperature		Over Ti
Ambient temperature range	-40 to +50 °C	Control g
		life 1000
Controls and Dimming		Lumen m
Dimmable	No	life* 100
Driver/power unit/transformer	Power supply unit (On/Off)	
Control interface	-	Applica
Constant light output	No	Performa
Mechanical and Housing		Produc
Housing Material	Aluminum die cast	Order pr
Reflector material	-	Full proc
Optic material	Acrylate	Full proc
Optical cover material	Glass	Order co
Fixation material	Steel	Material
Housing Color	Aluminum	Numerat
Mounting device	Mounting bracket adjustable	EAN/UP
Optical cover shape	Flat	Numerat
Optical cover finish	Clear	EAN/UP
Overall length	562 mm	
Overall width	580 mm	

Effective projected area	0.26 m ²	
Dimensions (Height x Width x Depth)	95 x 580 x 562 mm	
Approval and Application		
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]	
Mech. impact protection code	IK09 [10 J]	
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV	
	differential mode and 8 kV common mode	
Sustainability rating	Lighting for circularity	
Protection class IEC	Safety class I	
Photobiological risk	Photobiological risk group 1 @200mm to	
	EN62778	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-7%	
Initial chromaticity	(0.380, 0.390) SDCM <5	
Power consumption tolerance	+/-10%	
Init. Color Rendering Index Tolerance	+/-2	
Over Time Performance (IEC Compliant)		
Control gear failure rate at median useful	10 %	
life 100000 h		
Lumen maintenance at median useful	L96	
life* 100000 h		
Application Conditions		
Performance ambient temperature Tq	25 °C	
Product Data		
Order product name	BVP650 LED300-4S/740 PSU DX50 ALU	
Full product name	BVP650 LED300-4S/740 PSU DX50 ALU	
Full product code	871869909069200	
Order code	912300023547	
Material Nr. (12NC)	912300023547	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718699090692	
Numerator - Packs per outer box	4	
	1	
EAN/UPC - Case	8718699090692	

ClearFlood

Dimensional drawing





© 2024 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.