OptiVision LED gen3.5

BVP528 2200/757 BV A35-WB D9 T25 50K

OPTIVISION LED GEN3.5 LARGE - LED module 220000 lm - LED - Power supply unit with DALI interface - Asymmetrical axis angle 32° wide beam - Polycarbonate bowl/cover clear - 5° - 13° x 120° - DALI - Mounting bracket adjustable

The Philips OptiVision LED gen3.5 floodlighting system provides a complete lighting solution for the simplest through to the most complex area and recreational sports lighting applications. The high-efficiency floodlight comes with a single piece die cast housing, hosting 2 and 3 LED engines respectively, which also function with an external driver box – separate for use at a distance from the floodlight (BV), or pre-fixed onto the mounting bracket of the floodlight (HGB) for ease of installation and lower initial cost. It meets the highest performance standards, provides outstanding light, quality, uniformity and ensures safety and visual comfort.

Product data

General information	
Lamp family code	LED2200 [LED module 220000 lm]
Light source color	757 cool white
Light source replaceable	Yes
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit with DALI interface
Driver included	Yes
Optical cover/lens type	Polycarbonate bowl/cover clear
Luminaire light beam spread	5° - 13° x 120°
Control interface	DALI
Connection	Connection unit 5-pole
Cable	-
Protection class IEC	Safety class I

Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	3 years
Optic type outdoor	Asymmetrical axis angle 32° wide beam
Constant light output	No
Number of products on MCB of 16 A type B	-
EU RoHS compliant	Yes
Light source engine type	LED
Service tag	Yes
Product family code	BVP528 [OPTIVISION LED GEN3.5 LARGE]

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Light technical	
Upward light output ratio	0
Standard tilt angle posttop	0°
Standard tilt angle side entry	-

Operating and electrical	
Input Voltage	220-400 V
Input Frequency	50 to 60 Hz
Inrush current	20 A
Inrush time	0.160 ms
Power Factor (Min)	0.9

Controls and dimming	
Dimmable	Yes

Mechanical and housing	
Housing Material	Aluminum
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminum
Mounting device	Mounting bracket adjustable
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	441 mm
Overall width	695 mm
Overall height	737 mm
Effective projected area	0.512 m²
Color	Aluminum
Dimensions (Height x Width x Depth)	737 x 695 x 441 mm (29 x 27.4 x 17.4 in)

Approval and application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Surge protection level until 10 kV differential mode

Initial performance (IEC compliant)	
Initial luminous flux (system flux)	194714 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	130 lm/W
Init. Corr. Color Temperature	5700 K
Init. Color Rendering Index	>70
Initial chromaticity	(0.329, 0.342) SDCM <5
Initial input power	1500 W
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over time performance (IEC compliant)	
Control gear failure rate at median useful life 50000 h	0.5 %
Lumen maintenance at median useful life* 50000 h	L80

Application conditions	
Ambient temperature range	-40 to +55 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	10%

Product data	
Full product code	871951420088300
Order product name	BVP528 2200/757 BV A35-WB D9 T25 50K
EAN/UPC - Product	8719514200883
Order code	912300024646
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912300024646
Net Weight (Piece)	33.000 kg

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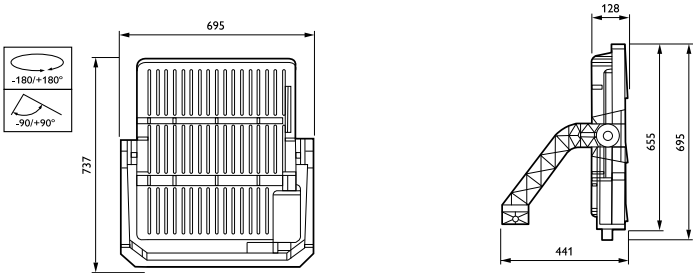
Dimensional drawing



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