



OptiVision LED gen3.5

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

OPTIVISION LED GEN3.5 LARGE, LED module 220000 lm, LED, 1200 W, Power supply unit with DALI interface, Asymmetrical, 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		ENEC mark	
Lamp family code	LED2200 [LED module 220000 lm]	EU RoHS compliant	Yes
Light source replaceable	Yes	Light Technical	
Number of gear units	1 unit	Upward light output ratio	0
Driver included	Yes	Luminous Flux	193,600 lm
Light source engine type	LED	Standard tilt angle posttop	0°
Service tag	Yes	Standard tilt angle side entry	-
Product family code	BVP528 [OPTIVISION LED GEN3.5 LARGE]	Correlated Color Temperature (Nom)	5700 K
Lighting Technology	LED	Luminous Efficacy (rated) (Nom)	155 lm/W
Value ladder	Specification	Color rendering index (CRI)	>70
CE mark	CE mark	Light source color	757 cool white
Warranty period	3 years	Optical cover type	Polycarbonate bowl/cover clear
Flammability mark	-		

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Luminaire light beam spread	5° - 13° x 120°
Optic type outdoor	Asymmetrical

Operating and Electrical

Input Voltage	230-400 V
Line Frequency	50 to 60 Hz
Inrush current	20 A
Inrush time	0.160 ms
Power Consumption	1,200 W
Power Factor (Fraction)	0.9
Connection	Connection unit 5-pole
Cable	-
Number of products on MCB of 16 A type B	-

Temperature

Ambient temperature range	-40 to +55 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing Material	Aluminium
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	Aluminum
Mounting device	Mounting bracket adjustable
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	592 mm
Overall width	695 mm
Overall height	695 mm
Effective projected area	0.373 m²
Dimensions (Height x Width x Depth)	695 x 695 x 592 mm

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
Sustainability rating	-
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.329, 0.342) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life	0.5 %
50000 h	
Lumen maintenance at median useful life*	L80
50000 h	

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	10%

Product Data

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

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Dimensional drawing

