



OptiVision LED

BVP510 GRN 93K/757 A-WB T15 LOD

OptiVision LED, LED GreenLine, 757 cool white, 110 to 277 V, Asymmetrical wide beam

Philips OptiVision LED floodlighting system – the latest in high-efficiency LED technology – provides a complete lighting solution for the simplest through to the most complex area and recreational sports lighting applications. The specially engineered OptiVision LED luminaires come with a full range of options to meet the highest performance standards, to provide outstanding light quality, and to guarantee safety and visual comfort. They deliver maximum light output while ensuring effective thermal management in order to maximize lifetime and minimize maintenance costs. In area applications, the OptiVision LED system offers new possibilities to reduce energy consumption and increase flexibility (instant start, programmable lighting levels based on actual need) when used in conjunction with Philips' advanced system controls and sensors. The OptiVision LED luminaires are also compatible with other external control systems via DALI protocol. The range includes versions with three/two LED light modules which function with an external driver box, as well as a compact version with two LED light modules and an integral driver unit for easy installation and lower installation costs.

Product data

General Information	
Lamp family code	GRN [LED GreenLine]
Light source replaceable	Yes
Driver included	No
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Product family code	BVP510 [OptiVision LED]
Lighting Technology	LED

CE mark	Yes
Light Technical	
Luminous Flux	93,000 lm
Correlated Colour Temperature	5700 K
Luminous efficacy (rated) (nom.)	92 lm/W
Light source colour	757 cool white
Optical cover type	Polycarbonate bowl/cover

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Optic type outdoor	Asymmetrical wide beam
Operating and Electrical	
Input Voltage	110 to 277 V
Line Frequency	50 to 60 Hz
Power Consumption	1,012 W
Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	-
Constant light output	No
Mechanical and Housing	
Housing material	Aluminium
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Housing Colour	Grey

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Protection class IEC	Safety class I

Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	0.15 %
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Product Data

Order product name	BVP510 GRN 93K/757 A-WB T15 LOD
Full product name	BVP510 GRN 93K/757 A-WB T15 LOD
Full EOC	871794320144000
Order code	20144000
Material no. (12 NC)	912300023177
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8717943201440
Numerator – packs per outer box	1
EAN/UPC - Case	8717943201440

Dimensional drawing

