OptiVision LED

BVP520 GRN 128K/757 S3 T15

OptiVision LED, LED GreenLine, 757 cool white, 110 to 277 V, Beam category S3

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 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	BVP520 [OptiVision LED]
Lighting Technology	LED

CE mark	Yes

Light Technical

Luminous Flux	128,000 lm
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	93 lm/W
Light source color	757 cool white
Optical cover type	Polycarbonate bowl/cover

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Optic type outdoor	Beam category S3

Operating and Electrical

Input Voltage	110 to 277 V
Line Frequency	50 to 60 Hz
Power Consumption	1,376 W

Temperature

Ambient temperature range	–40 to +50 ℃

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	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 5000 h	0.15 %

Product Data

Order product name	BVP520 GRN 128K/757 S3 T15
Full product name	BVP520 GRN 128K/757 S3 T15
Full product code	871794320725100
Order code	20725100
Material Nr. (12NC)	912300023231
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8717943207251
Numerator – Packs per outer box	1
EAN/UPC – Case	8717943207251

Dimensional drawing