

OptiVision LED gen2

EU RoHS compliant	Yes
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Light Technical

Upward light output ratio	0
Luminous Flux	180,000 lm
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	109 lm/W
Color rendering index (CRI)	≥70
Light source color	740 neutral white
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	90° x 136°
Optic type outdoor	Asymmetrical wide beam

Operating and Electrical

Input Voltage	230 V
Line Frequency	50 Hz
Inrush current	30 A
Inrush time	16 ms
Power Consumption	1,314 W
Power Factor (Fraction)	0.95
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	-

Temperature

Ambient temperature range	-40 to +50 °C
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Controls and Dimming

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

Mechanical and Housing

Housing Material	Aluminum
Reflector material	Polycarbonate
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	750 mm
Overall width	616 mm
Overall height	600 mm
Effective projected area	0.39 m ²
Dimensions (Height x Width x Depth)	600 x 616 x 750 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)	Luminaire surge protection level until 6 kV differential mode and 10 kV common mode
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.367, 0.358) 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 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L80

Application Conditions

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

Product Data

Order product name	BVP525 1800/740 230V HGB DX50 D9 T25 100
Full product name	BVP525 1800/740 230V HGB DX50 D9 T25 100
Full product code	871869911612500
Order code	11612500
Material Nr. (12NC)	912300023825
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699116125
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699116125

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Dimensional drawing

