



OptiVision LED gen3.5

BVP528 2590/740 BV A65-WB D9 T35 OUT

OptiVision LED gen3.5, Floodlight for sports and area, 1500 W, 196840 lm, 4000 K, CRI70, Asymmetrical, IP66

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 prefixed 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	LED2600 [LED module 260000 lm]
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	Yes
Lighting Technology	LED
Value ladder	Specification
Warranty period	5 years
Sustainability rating	Lighting for circularity
Light Technical	
Upward light output ratio	0
Luminous Flux	196,840 lm
Correlated Color Temperature (Nom)	4000 K

Luminous Efficacy (rated) (Nom)	130 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Luminaire light beam spread	5° - 13° x 120°
Optic type outdoor	Asymmetrical
Effective projected area	0.512 m ²
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	1,500 W
Power Factor (Fraction)	0.9
Connection	Connection unit 5-pole

Datasheet, 2025, January 20 data subject to change

OptiVision LED gen3.5

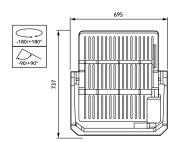
Cable	-
Number of products on MCB of 16 A type B	1
Protection class IEC	Safety class I
Surge Protection (Common/Differential)	Surge protection level until 10 kV
	differential mode
Total harmonic distortion	16 %
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
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	695 mm
Overall width	695 mm
Overall height	655 mm
Dimensions (Height x Width x Depth)	655 x 695 x 695 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-
	proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Standard tilt angle posttop	0°
Standard tilt angle side entry	-
Optical cover type	Polycarbonate bowl/cover clear
Net Weight (Piece)	33.000 kg
Approval and Application	
Flammability mark	-
CE mark	Yes

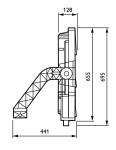
EU RoHS compliant Performance ambient temperature Tq 25 °C Ambient temperature range -40 to +55 °C Initial Performance (IEC Compliant) Luminous flux tolerance +/-7% Initial chromaticity (0.382, 0.379) SDCM <5 Power consumption tolerance +/-10% Init. Color Rendering Index Tolerance +/-2 Standard Deviation of Colour Matching SDCM≤5 (McAdam ellipse) Over Time Performance (IEC Compliant) Control gear failure rate at median useful life 5% 100000 h Lumen maintenance at median useful life* - 50000 h Lumen maintenance at median useful life* L90 100000 h Product Data Order product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product code 872016955333000 Order code 912300060445 Material Nr. (12NC) 912300060445 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8720169553330	ENEC mark	ENEC mark
Ambient temperature range -40 to +55 °C Initial Performance (IEC Compliant) Luminous flux tolerance +/-7% Initial chromaticity (0.382, 0.379) SDCM <5 Power consumption tolerance +/-10% Init. Color Rendering Index Tolerance +/-2 Standard Deviation of Colour Matching SDCM ≤5 (McAdam ellipse) Over Time Performance (IEC Compliant) Control gear failure rate at median useful life 5 % 100000 h Lumen maintenance at median useful life* -50000 h Lumen maintenance at median useful life* L90 100000 h Product Data Order product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product code 872016955333000 Order code 912300060445 Material Nr. (12NC) 912300060445 Numerator - Quantity Per Pack 1	EU RoHS compliant	Yes
Initial Performance (IEC Compliant) Luminous flux tolerance +/-7% Initial chromaticity (0.382, 0.379) SDCM <5 Power consumption tolerance +/-10% Init. Color Rendering Index Tolerance +/-2 Standard Deviation of Colour Matching SDCM ≤5 (McAdam ellipse) Over Time Performance (IEC Compliant) Control gear failure rate at median useful life 5 % 100000 h Lumen maintenance at median useful life* - 50000 h Lumen maintenance at median useful life 4 Droduct Data Order product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product code 872016955333000 Order code 912300060445 Material Nr. (12NC) 912300060445 Numerator - Quantity Per Pack 1	Performance ambient temperature Tq	25 °C
Luminous flux tolerance +/-7% Initial chromaticity (0.382, 0.379) SDCM <5 Power consumption tolerance +/-10% Init. Color Rendering Index Tolerance +/-2 Standard Deviation of Colour Matching SDCM≤5 (McAdam ellipse) Over Time Performance (IEC Compliant) Control gear failure rate at median useful life 5 % 100000 h Lumen maintenance at median useful life* - 50000 h Lumen maintenance at median useful life* L90 100000 h Product Data Order product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product code 872016955333000 Order code 912300060445 Material Nr. (12NC) 912300060445 Numerator - Quantity Per Pack 1	Ambient temperature range	-40 to +55 ℃
Luminous flux tolerance +/-7% Initial chromaticity (0.382, 0.379) SDCM <5 Power consumption tolerance +/-10% Init. Color Rendering Index Tolerance +/-2 Standard Deviation of Colour Matching SDCM≤5 (McAdam ellipse) Over Time Performance (IEC Compliant) Control gear failure rate at median useful life 5 % 100000 h Lumen maintenance at median useful life* - 50000 h Lumen maintenance at median useful life* L90 100000 h Product Data Order product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product code 872016955333000 Order code 912300060445 Material Nr. (12NC) 912300060445 Numerator - Quantity Per Pack 1		
Initial chromaticity (0.382, 0.379) SDCM <5 Power consumption tolerance +/-10% Init. Color Rendering Index Tolerance +/-2 Standard Deviation of Colour Matching SDCMS5 (McAdam ellipse) Over Time Performance (IEC Compliant) Control gear failure rate at median useful life 5 % 100000 h Lumen maintenance at median useful life* - 50000 h Lumen maintenance at median useful life* L90 100000 h Product Data Order product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product code 872016955333000 Order code 912300060445 Material Nr. (12NC) 912300060445 Numerator - Quantity Per Pack 1	Initial Performance (IEC Compliant)	
Power consumption tolerance +/-10% Init. Color Rendering Index Tolerance +/-2 Standard Deviation of Colour Matching (McAdam ellipse) Over Time Performance (IEC Compliant) Control gear failure rate at median useful life 5 % 100000 h Lumen maintenance at median useful life* - 50000 h Lumen maintenance at median useful life* bumper support to be a support to	Luminous flux tolerance	+/-7%
Init. Color Rendering Index Tolerance +/-2 Standard Deviation of Colour Matching (McAdam ellipse) Over Time Performance (IEC Compliant) Control gear failure rate at median useful life 5 % 100000 h Lumen maintenance at median useful life* - 50000 h Lumen maintenance at median useful life* L90 100000 h Product Data Order product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product code 872016955333000 Order code 912300060445 Material Nr. (12NC) 912300060445 Numerator - Quantity Per Pack 1	Initial chromaticity	(0.382, 0.379) SDCM <5
Standard Deviation of Colour Matching (McAdam ellipse) Over Time Performance (IEC Compliant) Control gear failure rate at median useful life 5 % 100000 h Lumen maintenance at median useful life* - 50000 h Lumen maintenance at median useful life* L90 100000 h Product Data Order product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product code 872016955333000 Order code 912300060445 Material Nr. (12NC) 912300060445 Numerator - Quantity Per Pack 1	Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant) Control gear failure rate at median useful life 5 % 100000 h Lumen maintenance at median useful life* - 50000 h Lumen maintenance at median useful life* L90 100000 h Product Data Order product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product code 872016955333000 Order code 912300060445 Material Nr. (12NC) 912300060445 Numerator - Quantity Per Pack 1	Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Compliant) Control gear failure rate at median useful life 5 % 100000 h Lumen maintenance at median useful life* - 50000 h Lumen maintenance at median useful life* L90 100000 h Product Data Order product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product code 872016955333000 Order code 912300060445 Material Nr. (12NC) 912300060445 Numerator - Quantity Per Pack 1	Standard Deviation of Colour Matching	SDCM≤5
Control gear failure rate at median useful life 5 % 100000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* L90 100000 h Product Data Order product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product code 872016955333000 Order code 912300060445 Material Nr. (12NC) 912300060445 Numerator - Quantity Per Pack 1	(McAdam ellipse)	
Control gear failure rate at median useful life 5 % 100000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* L90 100000 h Product Data Order product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product code 872016955333000 Order code 912300060445 Material Nr. (12NC) 912300060445 Numerator - Quantity Per Pack 1		
100000 h Lumen maintenance at median useful life* - 50000 h Lumen maintenance at median useful life* L90 100000 h Product Data Order product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product code 872016955333000 Order code 912300060445 Material Nr. (12NC) 912300060445 Numerator - Quantity Per Pack 1	Over Time Performance (IEC Compliant	t)
Lumen maintenance at median useful life* - 50000 h Lumen maintenance at median useful life* L90 100000 h BVP528 2590/740 BV A65-WB D9 T35 OUT Full product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product code 872016955333000 Order code 912300060445 Material Nr. (12NC) 912300060445 Numerator - Quantity Per Pack 1	Control gear failure rate at median useful life	5 %
50000 h Lumen maintenance at median useful life* L90 100000 h Product Data Order product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product code 8720169553333000 Order code 912300060445 Material Nr. (12NC) 912300060445 Numerator - Quantity Per Pack 1	100000 h	
Lumen maintenance at median useful life* L90 100000 h Product Data Order product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product code 872016955333000 Order code 912300060445 Material Nr. (12NC) 912300060445 Numerator - Quantity Per Pack 1	Lumen maintenance at median useful life*	-
Product Data	50000 h	
Product Data Order product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product code 872016955333000 Order code 912300060445 Material Nr. (12NC) 912300060445 Numerator - Quantity Per Pack 1	Lumen maintenance at median useful life*	L90
Order product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product code 872016955333000 Order code 912300060445 Material Nr. (12NC) 912300060445 Numerator - Quantity Per Pack 1	100000 h	
Order product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product code 872016955333000 Order code 912300060445 Material Nr. (12NC) 912300060445 Numerator - Quantity Per Pack 1		
Full product name OUT Full product code 872016955333000 Order code 912300060445 Material Nr. (12NC) 912300060445 Numerator - Quantity Per Pack 1	Product Data	
Full product name BVP528 2590/740 BV A65-WB D9 T35 OUT Full product code 872016955333000 Order code 912300060445 Material Nr. (12NC) 912300060445 Numerator - Quantity Per Pack 1	Order product name	BVP528 2590/740 BV A65-WB D9 T35
Full product code 872016955333000 Order code 912300060445 Material Nr. (12NC) 912300060445 Numerator - Quantity Per Pack 1		OUT
Full product code 872016955333000 Order code 912300060445 Material Nr. (12NC) 912300060445 Numerator - Quantity Per Pack 1	Full product name	BVP528 2590/740 BV A65-WB D9 T35
Order code 912300060445 Material Nr. (12NC) 912300060445 Numerator - Quantity Per Pack 1		OUT
Material Nr. (12NC)912300060445Numerator - Quantity Per Pack1	Full product code	872016955333000
Numerator - Quantity Per Pack 1	Order code	912300060445
	Material Nr. (12NC)	912300060445
EAN/UPC - Product/Case 8720169553330	Numerator - Quantity Per Pack	1
	EAN/UPC - Product/Case	8720169553330
Numerator - Packs per outer box 1	Numerator - Packs per outer box	1
EAN/UPC - Case 8720169553330	EAN/UPC - Case	8720169553330

BVP528 [OPTIVISION LED GEN3.5

LARGE]

Dimensional drawing





Product family code

OptiVision LED gen3.5



© 2025 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.