



# OptiVision LED gen3.5

## BVP518 1480/740 HGB A35-WB D9 T25 50K

OPTIVISION LED GEN3.5 SMALL - LED module 148000 lm - LED  
- Power supply unit with DALI interface - Asymmetrical axis  
angle 32° wide beam - 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 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		Protection class IEC	Safety class I (I)
Lamp family code	LED1480 [ LED module 148000 lm]	Flammability mark	F [ For mounting on normally flammable surfaces]
Light source colour	740 neutral white	CE mark	CE mark
Light source replaceable	Yes	ENEC mark	ENEC mark
Number of gear units	1 unit	Warranty period	3 years
Driver/power unit/transformer	PSD [ Power supply unit with DALI interface]	Optic type outdoor	Asymmetrical axis angle 32° wide beam
Driver included	Yes	Constant light output	No
Optical cover/lens type	PCC [ Polycarbonate bowl/cover clear]	Number of products on MCB (16 A type B)	-
Luminaire light beam spread	5° - 13° x 120°	EU RoHS compliant	Yes
Control interface	DALI	Light source engine type	LED
Connection	CU5 [ Connection unit 5-pole]	Product family code	BVP518 [ OPTIVISION LED GEN3.5 SMALL]
Cable	-		

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### Light Technical

Upward light output ratio	0
Standard tilt angle post-top	0°
Standard tilt angle side entry	-

### Operating and Electrical

Input Voltage	220-400 V
Input frequency	50 to 60 Hz
Inrush current	20 A
Inrush time	0.160 ms
Power factor (min.)	0.9

### Controls and Dimming

Dimmable	Yes
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### Mechanical and Housing

Housing material	Aluminum
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminium
Mounting device	MBA [ Mounting bracket adjustable]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	612 mm
Overall width	695 mm
Overall height	538 mm
Effective projected area	0.373 m²
Colour	Aluminum
Dimensions (height x width x depth)	538 x 695 x 612 mm (21.2 x 27.4 x 24.1 in)

### 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 up to 10 kV differential mode

### Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	129809 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	130 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	>70
Initial chromaticity	(0.382, 0.379) SDCM <5
Initial input power	1000 W
Power consumption tolerance	+/-10%
Init. colour rendering index tolerance	+/-2

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	0.5 %
Lumen maintenance at median useful life* 50,000 h	L80

### Application Conditions

Ambient temperature range	-40 to +55 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	10%

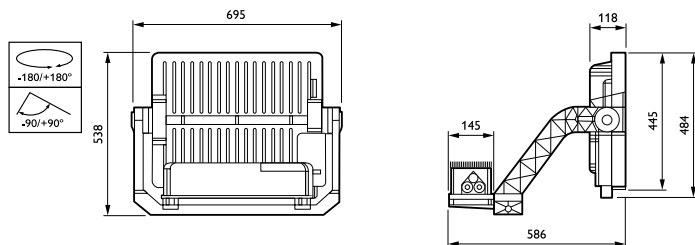
### Product Data

Full product code	871951420095100
Order product name	BVP518 1480/740 HGB A35-WB D9 T25 50K
EAN/UPC – product	8719514200951
Order code	20095100
Local order code	BVP5181480740H
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	912300024653
SAP net weight (piece)	29.000 kg



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### Dimensional drawing



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