



OptiVision LED gen3 C

BVP527 C LED1560/757 1415W A35-WB BV

The Philips OptiVision LED gen3 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 functions 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. OptiVision LED offers new possibilities to reduce energy consumption and increase flexibility (instant start, programmable lighting levels) when used in conjunction with the Interact Sports lighting management system, dedicatedly designed for recreational and training facilities. The floodlight is also compatible with other external control systems through DALI.

Product data

General Information		Power factor (min.)	
Lamp colour code	757 cool white	0.95	
Driver included	Yes	Controls and Dimming	
Optical cover/lens type	PCC [Polycarbonate bowl/cover clear]	Dimmable	Yes
Control interface	DALI	Mechanical and Housing	
Connection	Push-in connector 5-pole (PI)	Housing material	Aluminum die-cast
Cable	-	Optical cover/lens material	Polycarbonate
Protection class IEC	Safety class I (I)	Overall length	737 mm
CE mark	CE mark	Overall width	695 mm
Operating and Electrical		Overall height	434 mm
Input Voltage	220-400 V	Colour	Aluminum and RAL (to be defined)
Input frequency	50 or 60 Hz		

OptiVision LED gen3 C

Approval and Application

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

Initial Performance (IEC Compliant)

Initial luminous flux	156000 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	110 lm/W
Lamp colour temperature	5700 K
Colour Rendering Index	>70
Initial input power	1415 W
Power consumption tolerance	+/-10%

Application Conditions

Ambient temperature range	-40 to +45 °C
---------------------------	---------------

Product Data

Full product code	911401624006
Order product name	BVP527 C LED1560/757 1415W A35-WB BV
Order code	911401624006
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401624006
SAP net weight (piece)	31.619 kg



Dimensional drawing

BVP4-9xx C

