OptiVision LED gen3.5 –Smart area and recreational sports lighting

OptiVision LED gen3.5

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 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.

Benefits

- The wide range of optics ensure maximum optical efficiency and enables highly precise light distribution with minimum spill light
- 0-tilt allows for low sCx value for projects that want to re-use installed pole structures to minimize required investment. 0 tilt option further increases comfort and minimizes complaints on light trespass from residents
- When combined with Philips controls or Interact Sports lighting management system, the floodlight enables additional energy savings (up to 65%) in different area lighting applications
- Equipped with Service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation and spare part information

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Features

- Single piece pressure die cast housing, with a protection level of IP66 against dust and water
- Wide range of ambient temperature tolerance making it suitable for a variety of sports and area lighting applications
- Option to add additional accessories to have the best in class spill light, 0 tilt, glare and up-light control
- Single High-power driver with IP66 protection pressure die cast housing and 10kV surge protection
- Programmable DALI Driver making it suitable to connect to lighting management systems like Interact Sports

Application

- Logistics areas (Ports)
- Apron lighting (Airports), Parking and Industrial areas
- Recreational sports lighting applications (Football, Hockey, Basketball, Golf, Tennis, etc)

Versions

OptiVision LED gen3.5 Large

OptiVision LED gen3.5 Large

OptiVision LED gen3.5 Small

OptiVision LED gen3.5 Small

Product details

Driver Box top view HGB version

Rear View of BVP527 floodlight (BV : With External Driver Box, Grey painted housing)

Product details

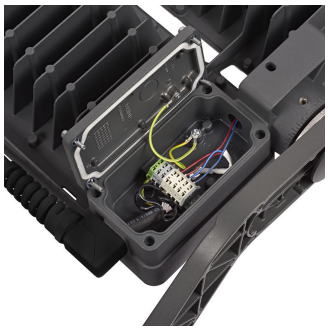
Side View of BVP528 foodlight (HGB : With attached Driver Box, Grey painted housing, Al Colour Driver housing)

Access Bolt to AIM the BVP518 floodlight easily (Grey painted housing)

Rear View of BVP528 foodlight (HGB : With attached Driver Box, Grey painted housing, Al Colour Driver housing)

Side View of BVP518 foodlight (BV : With External Driver Box, Grey painted housing)

Rear View of BVP518foodlight (BV : With External Driver Box, Grey painted housing)



Electrical Connection box of BVP518 foodlight with cable gland and push-in terminals enabling electrical connection to driver box (Grey painted housing)

Side View of BVP518 foodlight (HGB : With attached Driver Box, Grey painted housing, Al Colour Driver housing)

Rear View of BVP518 foodlight (HGB : With attached Driver Box, Grey painted housing, Al Colour Driver housing)

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Application Conditions	
Maximum dim level	10%
Approval and Application	
Mech. impact protection code	IK08
Surge Protection (Common/ Differential)	Surge protection level until 10 kV differential mode
Controls and Dimming	
Dimmable	Yes
General Information	
Luminaire light beam spread	7° - 17° × 100°
CE mark	CE mark
Optical cover/lens type	Polycarbonate bowl/cover clear
Driver included	Yes
Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	Yes
Number of gear units	1 unit
Optic type	Asymmetrical axis angle 32° wide beam
Service tag	Yes
Initial Performance (IEC Compliant)	
Init. Color Rendering Index	>70
Light Technical	
Standard tilt angle side entry	-
Standard tilt angle posttop	0°
Upward light output ratio	0
Mechanical and Housing	
Color	Aluminum

General Information

Order Code	Full Product Name	Light source color	Lamp family code	Product Family Code
912300024646	BVP528 2200/757 BV A35-WB D9 T25 50K	757 cool white	LED2200	BVP528
912300024648	BVP528 2200/740 BV A35-WB D9 T25 50K	740 neutral white	LED2200	BVP528
912300024654	BVP528 2040/757 BV A35-WB D9 T25 100K	757 cool white	LED2040	BVP528
912300024656	BVP528 2040/740 BV A35-WB D9 T25 100K	740 neutral white	LED2040	BVP528
912300024662	BVP528 2200/740 BV A35-WB D9 T15 LO 100K	740 neutral white	LED2200	BVP528
912300024663	BVP528 2200/740 BV A35-NB D9 T15 LO 100K	740 neutral white	LED2200	BVP528
912300024647	BVP528 2200/757 HGB A35-WB D9 T25 50K	757 cool white	LED2200	BVP528
912300024649	BVP528 2200/740 HGB A35-WB D9 T25 50K	740 neutral white	LED2200	BVP528
912300024655	BVP528 2040/757 HGB A35-WB D9 T25 100K	757 cool white	LED2040	BVP528
912300024657	BVP528 2040/740 HGB A35-WB D9 T25 100K	740 neutral white	LED2040	BVP528
912300024650	BVP518 1480/757 BV A35-WB D9 T25 50K	757 cool white	LED1480	BVP518
912300024652	BVP518 1480/740 BV A35-WB D9 T25 50K	740 neutral white	LED1480	BVP518
912300024658	BVP518 1360/757 BV A35-WB D9 T25 100K	757 cool white	LED1360	BVP518
912300024660	BVP518 1360/740 BV A35-WB D9 T25 100K	740 neutral white	LED1360	BVP518
912300024651	BVP518 1480/757 HGB A35-WB D9 T25 50K	757 cool white	LED1480	BVP518
912300024653	BVP518 1480/740 HGB A35-WB D9 T25 50K	740 neutral white	LED1480	BVP518
912300024659	BVP518 1360/757 HGB A35-WB D9 T25 100K	757 cool white	LED1360	BVP518
912300024661	BVP518 1360/740 HGB A35-WB D9 T25 100K	740 neutral white	LED1360	BVP518

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial luminous flux
912300024646	BVP528 2200/757 BV A35-WB D9 T25 50K	5700 K	202000 lm
912300024648	BVP528 2200/740 BV A35-WB D9 T25 50K	4000 K	202000 lm
912300024654	BVP528 2040/757 BV A35-WB D9 T25 100K	5700 K	187000 lm
912300024656	BVP528 2040/740 BV A35-WB D9 T25 100K	4000 K	187000 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial luminous flux
912300024662	BVP528 2200/740 BV A35-WB D9 T15 LO 100K	4000 K	194000 lm
912300024663	BVP528 2200/740 BV A35-NB D9 T15 LO 100K	4000 K	194000 lm
912300024647	BVP528 2200/757 HGB A35-WB D9 T25 50K	5700 K	202000 lm
912300024649	BVP528 2200/740 HGB A35-WB D9 T25 50K	4000 K	202000 lm

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Order Code	Full Product Name	Init. Corr. Color Temperature	Initial luminous flux
912300024655	BVP528 2040/757 HGB A35-WB D9 T25 100K	5700 K	187000 lm
912300024657	BVP528 2040/740 HGB A35-WB D9 T25 100K	4000 K	187000 lm
912300024650	BVP518 1480/757 BV A35-WB D9 T25 50K	5700 K	134000 lm
912300024652	BVP518 1480/740 BV A35-WB D9 T25 50K	4000 K	134000 lm
912300024658	BVP518 1360/757 BV A35-WB D9 T25 100K	5700 K	125000 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial luminous flux
912300024660	BVP518 1360/740 BV A35-WB D9 T25 100K	4000 K	125000 lm
912300024651	BVP518 1480/757 HGB A35-WB D9 T25 50K	5700 K	134000 lm
912300024653	BVP518 1480/740 HGB A35-WB D9 T25 50K	4000 K	134000 lm
912300024659	BVP518 1360/757 HGB A35-WB D9 T25 100K	5700 K	125000 lm
912300024661	BVP518 1360/740 HGB A35-WB D9 T25 100K	4000 K	125000 lm

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