



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

The 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 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

Applications

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

Versions



OptiVision gen3.5 3 modules



OptiVision gen3.5 2 modules



OptiVision gen3.5 3 modules

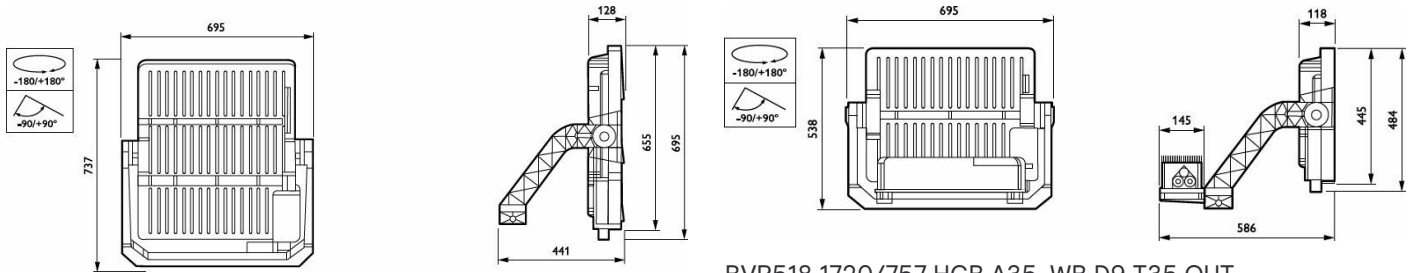


OptiVision gen3.5 2 modules

Features

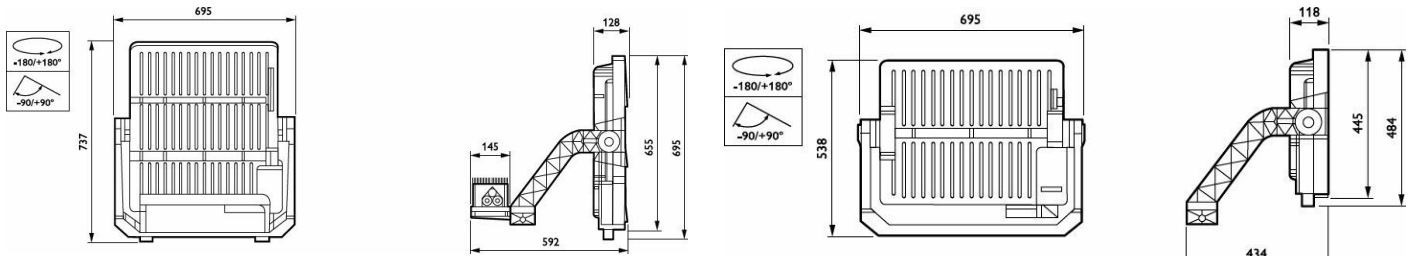
- Single piece pressure die cast housing, with a protection level of IP66 against dust and water
- Wide range of ambient temperature tolerance making it suitable for a variety of sports and area lighting applications
- Option to add additional accessories to have the best in class spill light, 0 tilt, 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

Dimensional drawing



BVP528 2470/730 BV A35-WB CM5 D28 T35 LO

BVP518 1720/757 HGB A35-WB D9 T35 OUT



BVP528 2590/740 HGB A35-WB D9 T35 OUT

BVP518 1720/740 BV A35-WB CM5 D28 T35 LO

General Information

Number of gear units	1 unit
Gear	-
Driver included	Yes

Light Technical

Upward light output ratio	0
Color rendering index (CRI)	70
Optic type outdoor	Asymmetrical

Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing Color	Aluminum
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	-

Approval and Application

Flammability mark	-
CE mark	Yes

General Information

Order Code	Full Product Name	Lamp family code
912300060910	BVP528 2590/740 BV A35-WB D9 T35 OUT LO	LED2600
912300060912	BVP528 2590/740 BV A35-WB D9 T35 OUT	LED2600
912300060913	BVP528 2590/740 BV A35-NB D9 T35 OUT LO	LED2600
912300060914	BVP528 2470/730 BV A35-NB D9 T35 OUT LO	LED2500
912300060916	BVP528 2590/740 BV A35-WB CM5 D28 T35 LO	LED2600
912300060917	BVP528 2470/730 BV A35-NB CM5 D28 T35 LO	LED2500
912300060918	BVP528 2470/730 BV A35-WB CM5 D28 T35 LO	LED2500
912300060919	BVP528 2590/740 BV A35-NB CM5 D28 T35 LO	LED2600
912300060920	BVP528 2590/757 BV A35-WB D9 T35 OUT	LED2600
912300060921	BVP528 2590/740 BV A65-WB D9 T35 OUT	LED2600
912300060922	BVP528 2470/730 BV A35-WB D9 T35 OUT LO	LED2500
912300060902	BVP518 1720/740 HGB A35-WB D9 T35 OUT	LED1720
912300060904	BVP518 1720/757 HGB A35-WB D9 T35 OUT	LED1720
912300060911	BVP528 2590/757 HGB A35-WB D9 T35 OUT	LED2600
912300060915	BVP528 2590/740 HGB A35-WB D9 T35 OUT	LED2600
912300060901	BVP518 1650/730 BV A35-WB D9 T35 OUT LO	LED1650
912300060903	BVP518 1720/740 BV A35-WB D9 T35 OUT	LED1720
912300060905	BVP518 1720/740 BV A35-WB D9 T35 OUT LO	LED1720
912300060906	BVP518 1720/740 BV A65-WB D9 T35 OUT	LED1720
912300060907	BVP518 1720/740 BV A35-WB CM5 D28 T35 LO	LED1720
912300060908	BVP518 1650/730 BV A35-WB CM5 D28 T35 LO	LED1650
912300060909	BVP518 1720/757 BV A35-WB D9 T35 OUT	LED1720

Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Number of light sources	Light source color	Luminaire light beam spread
912300060910	BVP528 2590/740 BV A35-WB D9 T35 OUT LO	181,300 lm	4000 K	3	740 neutral white	5° - 13° x 120°
912300060912	BVP528 2590/740 BV A35-WB D9 T35 OUT	225,330 lm	4000 K	3	740 neutral white	5° - 13° x 120°
912300060913	BVP528 2590/740 BV A35-NB D9 T35 OUT LO	181,300 lm	4000 K	3	740 neutral white	5° - 13° x 120°

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Number of light sources	Light source color	Luminaire light beam spread
912300060914	BVP528 2470/730 BV A35-NB D9 T35 OUT LO	170,430 lm	3000 K	3	730 warm white	5° - 13° x 120°
912300060916	BVP528 2590/740 BV A35-WB CM5 D28 T35 LO	223,000 lm	4000 K	3	740 neutral white	-
912300060917	BVP528 2470/730 BV A35-NB CM5 D28 T35 LO	233,942 lm	3000 K	3	730 warm white	-
912300060918	BVP528 2470/730 BV A35-WB CM5 D28 T35 LO	233,942 lm	3000 K	3	730 warm white	-
912300060919	BVP528 2590/740 BV A35-NB CM5 D28 T35 LO	223,000 lm	4000 K	3	740 neutral white	-
912300060920	BVP528 2590/757 BV A35-WB D9 T35 OUT	225,330 lm	5700 K	3	757 cool white	5° - 13° x 120°
912300060921	BVP528 2590/740 BV A65-WB D9 T35 OUT	196,840 lm	4000 K	3	740 neutral white	5° - 13° x 120°
912300060922	BVP528 2470/730 BV A35-WB D9 T35 OUT LO	170,430 lm	3000 K	3	730 warm white	5° - 13° x 120°
912300060902	BVP518 1720/740 HGB A35-WB D9 T35 OUT	149,640 lm	4000 K	2	740 neutral white	5° - 13° x 120°
912300060904	BVP518 1720/757 HGB A35-WB D9 T35 OUT	149,640 lm	5700 K	2	757 cool white	5° - 13° x 120°
912300060911	BVP528 2590/757 HGB A35-WB D9 T35 OUT	225,330 lm	5700 K	3	757 cool white	5° - 13° x 120°
912300060915	BVP528 2590/740 HGB A35-WB D9 T35 OUT	225,330 lm	4000 K	3	740 neutral white	5° - 13° x 120°
912300060901	BVP518 1650/730 BV A35-WB D9 T35 OUT LO	120,400 lm	3000 K	2	730 warm white	5° - 13° x 120°
912300060903	BVP518 1720/740 BV A35-WB D9 T35 OUT	149,640 lm	4000 K	2	740 neutral white	5° - 13° x 120°
912300060905	BVP518 1720/740 BV A35-WB D9 T35 OUT LO	120,400 lm	4000 K	2	740 neutral white	5° - 13° x 120°
912300060906	BVP518 1720/740 BV A65-WB D9 T35 OUT	149,640 lm	4000 K	2	740 neutral white	5° - 13° x 120°
912300060907	BVP518 1720/740 BV A35-WB CM5 D28 T35 LO	148,000 lm	4000 K	2	740 neutral white	-
912300060908	BVP518 1650/730 BV A35-WB CM5 D28 T35 LO	139,000 lm	3000 K	2	730 warm white	-
912300060909	BVP518 1720/757 BV A35-WB D9 T35 OUT	149,640 lm	5700 K	2	757 cool white	5° - 13° x 120°

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Surge Protection (Common/Differential)
912300060910	BVP528 2590/740 BV A35-WB D9 T35 OUT LO	1,500 W	Surge protection level until 10 kV differential mode
912300060912	BVP528 2590/740 BV A35-WB D9 T35 OUT	1,500 W	Surge protection level until 10 kV differential mode
912300060913	BVP528 2590/740 BV A35-NB D9 T35 OUT LO	1,500 W	Surge protection level until 10 kV differential mode

Order Code	Full Product Name	Power Consumption	Surge Protection (Common/Differential)
912300060914	BVP528 2470/730 BV A35-NB D9 T35 OUT LO	1,500 W	Surge protection level until 10 kV differential mode
912300060916	BVP528 2590/740 BV A35-WB CM5 D28 T35 LO	1,300 W	Surge protection level until 10 kV differential mode and 10 kV common mode
912300060917	BVP528 2470/730 BV A35-NB CM5 D28 T35 LO	1,423 W	Surge protection level until 10 kV differential mode and 10 kV common mode
912300060918	BVP528 2470/730 BV A35-WB CM5 D28 T35 LO	1,423 W	Surge protection level until 10 kV differential mode and 10 kV common mode
912300060919	BVP528 2590/740 BV A35-NB CM5 D28 T35 LO	1,506 W	Surge protection level until 10 kV differential mode and 10 kV common mode
912300060920	BVP528 2590/757 BV A35-WB D9 T35 OUT	1,500 W	Surge protection level until 10 kV differential mode
912300060921	BVP528 2590/740 BV A65-WB D9 T35 OUT	1,500 W	Surge protection level until 10 kV differential mode
912300060922	BVP528 2470/730 BV A35-WB D9 T35 OUT LO	1,500 W	Surge protection level until 10 kV differential mode
912300060902	BVP518 1720/740 HGB A35-WB D9 T35 OUT	1,000 W	Surge protection level until 10 kV differential mode
912300060904	BVP518 1720/757 HGB A35-WB D9 T35 OUT	1,000 W	Surge protection level until 10 kV differential mode
912300060911	BVP528 2590/757 HGB A35-WB D9 T35 OUT	1,500 W	Surge protection level until 10 kV differential mode
912300060915	BVP528 2590/740 HGB A35-WB D9 T35 OUT	1,500 W	Surge protection level until 10 kV differential mode
912300060901	BVP518 1650/730 BV A35-WB D9 T35 OUT LO	1,000 W	Surge protection level until 10 kV differential mode
912300060903	BVP518 1720/740 BV A35-WB D9 T35 OUT	1,000 W	Surge protection level until 10 kV differential mode
912300060905	BVP518 1720/740 BV A35-WB D9 T35 OUT LO	1,000 W	Surge protection level until 10 kV differential mode
912300060906	BVP518 1720/740 BV A65-WB D9 T35 OUT	1,000 W	Surge protection level until 10 kV differential mode
912300060907	BVP518 1720/740 BV A35-WB CM5 D28 T35 LO	1,006 W	Surge protection level until 10 kV differential mode and 10 kV common mode
912300060908	BVP518 1650/730 BV A35-WB CM5 D28 T35 LO	825 W	Surge protection level until 10 kV differential mode and 10 kV common mode
912300060909	BVP518 1720/757 BV A35-WB D9 T35 OUT	1,000 W	Surge protection level until 10 kV differential mode

Mechanical and Housing

Order Code	Full Product Name	Optical cover type
912300060910	BVP528 2590/740 BV A35-WB D9 T35 OUT LO	Polycarbonate bowl/cover clear
912300060912	BVP528 2590/740 BV A35-WB D9 T35 OUT	Polycarbonate bowl/cover clear
912300060913	BVP528 2590/740 BV A35-NB D9 T35 OUT LO	Polycarbonate bowl/cover clear
912300060914	BVP528 2470/730 BV A35-NB D9 T35 OUT LO	Polycarbonate bowl/cover clear
912300060916	BVP528 2590/740 BV A35-WB CM5 D28 T35 LO	Polycarbonate
912300060917	BVP528 2470/730 BV A35-NB CM5 D28 T35 LO	Polycarbonate
912300060918	BVP528 2470/730 BV A35-WB CM5 D28 T35 LO	Polycarbonate
912300060919	BVP528 2590/740 BV A35-NB CM5 D28 T35 LO	Polycarbonate
912300060920	BVP528 2590/757 BV A35-WB D9 T35 OUT	Polycarbonate bowl/cover clear
912300060921	BVP528 2590/740 BV A65-WB D9 T35 OUT	Polycarbonate bowl/cover clear
912300060922	BVP528 2470/730 BV A35-WB D9 T35 OUT LO	Polycarbonate bowl/cover clear
912300060902	BVP518 1720/740 HGB A35-WB D9 T35 OUT	Polycarbonate bowl/cover clear
912300060904	BVP518 1720/757 HGB A35-WB D9 T35 OUT	Polycarbonate bowl/cover clear

Order Code	Full Product Name	Optical cover type
912300060911	BVP528 2590/757 HGB A35-WB D9 T35 OUT	Polycarbonate bowl/cover clear
912300060915	BVP528 2590/740 HGB A35-WB D9 T35 OUT	Polycarbonate bowl/cover clear
912300060901	BVP518 1650/730 BV A35-WB D9 T35 OUT LO	Polycarbonate bowl/cover clear
912300060903	BVP518 1720/740 BV A35-WB D9 T35 OUT	Polycarbonate bowl/cover clear
912300060905	BVP518 1720/740 BV A35-WB D9 T35 OUT LO	Polycarbonate bowl/cover clear
912300060906	BVP518 1720/740 BV A65-WB D9 T35 OUT	Polycarbonate bowl/cover clear
912300060907	BVP518 1720/740 BV A35-WB CM5 D28 T35 LO	Polycarbonate
912300060908	BVP518 1650/730 BV A35-WB CM5 D28 T35 LO	Polycarbonate
912300060909	BVP518 1720/757 BV A35-WB D9 T35 OUT	Polycarbonate bowl/cover clear

Product Data

Order Code	Full Product Name	Product family code
912300060910	BVP528 2590/740 BV A35-WB D9 T35 OUT LO	BVP528
912300060912	BVP528 2590/740 BV A35-WB D9 T35 OUT	BVP528
912300060913	BVP528 2590/740 BV A35-NB D9 T35 OUT LO	BVP528
912300060914	BVP528 2470/730 BV A35-NB D9 T35 OUT LO	BVP528
912300060916	BVP528 2590/740 BV A35-WB CM5 D28 T35 LO	BVP528
912300060917	BVP528 2470/730 BV A35-NB CM5 D28 T35 LO	BVP528
912300060918	BVP528 2470/730 BV A35-WB CM5 D28 T35 LO	BVP528
912300060919	BVP528 2590/740 BV A35-NB CM5 D28 T35 LO	BVP528
912300060920	BVP528 2590/757 BV A35-WB D9 T35 OUT	BVP528
912300060921	BVP528 2590/740 BV A65-WB D9 T35 OUT	BVP528
912300060922	BVP528 2470/730 BV A35-WB D9 T35 OUT LO	BVP528
912300060902	BVP518 1720/740 HGB A35-WB D9 T35 OUT	BVP518
912300060904	BVP518 1720/757 HGB A35-WB D9 T35 OUT	BVP518
912300060911	BVP528 2590/757 HGB A35-WB D9 T35 OUT	BVP528
912300060915	BVP528 2590/740 HGB A35-WB D9 T35 OUT	BVP528
912300060901	BVP518 1650/730 BV A35-WB D9 T35 OUT LO	BVP518
912300060903	BVP518 1720/740 BV A35-WB D9 T35 OUT	BVP518
912300060905	BVP518 1720/740 BV A35-WB D9 T35 OUT LO	BVP518
912300060906	BVP518 1720/740 BV A65-WB D9 T35 OUT	BVP518
912300060907	BVP518 1720/740 BV A35-WB CM5 D28 T35 LO	BVP518
912300060908	BVP518 1650/730 BV A35-WB CM5 D28 T35 LO	BVP518
912300060909	BVP518 1720/757 BV A35-WB D9 T35 OUT	BVP518