



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

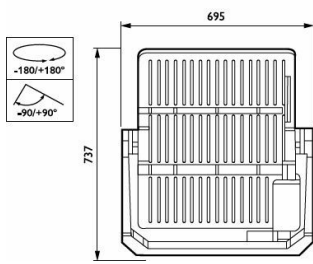


OptiVision gen3.5 2 modules

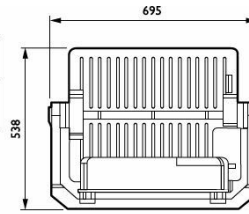
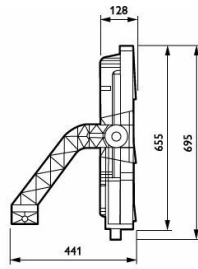
Features

- 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

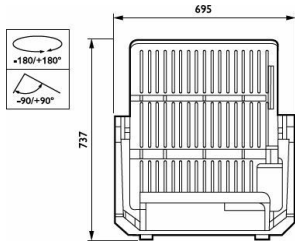
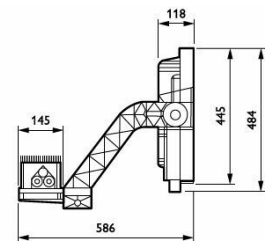
Dimensional drawing



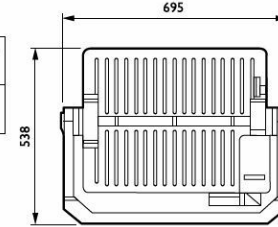
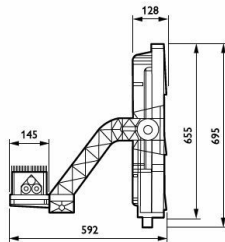
BVP528 2470/730 BV A35-NB CM5 D28 T35 LO



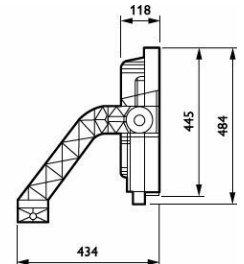
BVP518 1720/740 HGB A35-WB D9 T35 OUT



BVP528 2590/757 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
38311200	BVP528 2590/740 BV A35-WB D9 T35 OUT LO	LED2600
38313600	BVP528 2590/740 BV A35-WB D9 T35 OUT	LED2600
38314300	BVP528 2590/740 BV A35-NB D9 T35 OUT LO	LED2600
38315000	BVP528 2470/730 BV A35-NB D9 T35 OUT LO	LED2500
38317400	BVP528 2590/740 BV A35-WB CM5 D28 T35 LO	LED2600
38318100	BVP528 2470/730 BV A35-NB CM5 D28 T35 LO	LED2500
38319800	BVP528 2470/730 BV A35-WB CM5 D28 T35 LO	LED2500
38320400	BVP528 2590/740 BV A35-NB CM5 D28 T35 LO	LED2600
38321100	BVP528 2590/757 BV A35-WB D9 T35 OUT	LED2600
38322800	BVP528 2590/740 BV A65-WB D9 T35 OUT	LED2600
38323500	BVP528 2470/730 BV A35-WB D9 T35 OUT LO	LED2500
38303700	BVP518 1720/740 HGB A35-WB D9 T35 OUT	LED1720
38305100	BVP518 1720/757 HGB A35-WB D9 T35 OUT	LED1720
38312900	BVP528 2590/757 HGB A35-WB D9 T35 OUT	LED2600
38316700	BVP528 2590/740 HGB A35-WB D9 T35 OUT	LED2600
38302000	BVP518 1650/730 BV A35-WB D9 T35 OUT LO	LED1650
38304400	BVP518 1720/740 BV A35-WB D9 T35 OUT	LED1720
38306800	BVP518 1720/740 BV A35-WB D9 T35 OUT LO	LED1720
38307500	BVP518 1720/740 BV A65-WB D9 T35 OUT	LED1720
38308200	BVP518 1720/740 BV A35-WB CM5 D28 T35 LO	LED1720
38309900	BVP518 1650/730 BV A35-WB CM5 D28 T35 LO	LED1650
38310500	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
38311200	BVP528 2590/740 BV A35-WB D9 T35 OUT LO	181,300 lm	4000 K	3	740 neutral white	5° - 13° x 120°
38313600	BVP528 2590/740 BV A35-WB D9 T35 OUT	225,330 lm	4000 K	3	740 neutral white	5° - 13° x 120°
38314300	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
38315000	BVP528 2470/730 BV A35-NB D9 T35 OUT LO	170,430 lm	3000 K	3	730 warm white	5° - 13° x 120°
38317400	BVP528 2590/740 BV A35-WB CM5 D28 T35 LO	223,000 lm	4000 K	3	740 neutral white	-
38318100	BVP528 2470/730 BV A35-NB CM5 D28 T35 LO	233,942 lm	3000 K	3	730 warm white	-
38319800	BVP528 2470/730 BV A35-WB CM5 D28 T35 LO	233,942 lm	3000 K	3	730 warm white	-
38320400	BVP528 2590/740 BV A35-NB CM5 D28 T35 LO	223,000 lm	4000 K	3	740 neutral white	-
38321100	BVP528 2590/757 BV A35-WB D9 T35 OUT	225,330 lm	5700 K	3	757 cool white	5° - 13° x 120°
38322800	BVP528 2590/740 BV A65-WB D9 T35 OUT	196,840 lm	4000 K	3	740 neutral white	5° - 13° x 120°
38323500	BVP528 2470/730 BV A35-WB D9 T35 OUT LO	170,430 lm	3000 K	3	730 warm white	5° - 13° x 120°
38303700	BVP518 1720/740 HGB A35-WB D9 T35 OUT	149,640 lm	4000 K	2	740 neutral white	5° - 13° x 120°
38305100	BVP518 1720/757 HGB A35-WB D9 T35 OUT	149,640 lm	5700 K	2	757 cool white	5° - 13° x 120°
38312900	BVP528 2590/757 HGB A35-WB D9 T35 OUT	225,330 lm	5700 K	3	757 cool white	5° - 13° x 120°
38316700	BVP528 2590/740 HGB A35-WB D9 T35 OUT	225,330 lm	4000 K	3	740 neutral white	5° - 13° x 120°
38302000	BVP518 1650/730 BV A35-WB D9 T35 OUT LO	120,400 lm	3000 K	2	730 warm white	5° - 13° x 120°
38304400	BVP518 1720/740 BV A35-WB D9 T35 OUT	149,640 lm	4000 K	2	740 neutral white	5° - 13° x 120°
38306800	BVP518 1720/740 BV A35-WB D9 T35 OUT LO	120,400 lm	4000 K	2	740 neutral white	5° - 13° x 120°
38307500	BVP518 1720/740 BV A65-WB D9 T35 OUT	149,640 lm	4000 K	2	740 neutral white	5° - 13° x 120°
38308200	BVP518 1720/740 BV A35-WB CM5 D28 T35 LO	148,000 lm	4000 K	2	740 neutral white	-
38309900	BVP518 1650/730 BV A35-WB CM5 D28 T35 LO	139,000 lm	3000 K	2	730 warm white	-
38310500	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)
38311200	BVP528 2590/740 BV A35-WB D9 T35 OUT LO	1,500 W	Surge protection level until 10 kV differential mode
38313600	BVP528 2590/740 BV A35-WB D9 T35 OUT	1,500 W	Surge protection level until 10 kV differential mode
38314300	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)
38315000	BVP528 2470/730 BV A35-NB D9 T35 OUT LO	1,500 W	Surge protection level until 10 kV differential mode
38317400	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
38318100	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
38319800	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
38320400	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
38321100	BVP528 2590/757 BV A35-WB D9 T35 OUT	1,500 W	Surge protection level until 10 kV differential mode
38322800	BVP528 2590/740 BV A65-WB D9 T35 OUT	1,500 W	Surge protection level until 10 kV differential mode
38323500	BVP528 2470/730 BV A35-WB D9 T35 OUT LO	1,500 W	Surge protection level until 10 kV differential mode
38303700	BVP518 1720/740 HGB A35-WB D9 T35 OUT	1,000 W	Surge protection level until 10 kV differential mode
38305100	BVP518 1720/757 HGB A35-WB D9 T35 OUT	1,000 W	Surge protection level until 10 kV differential mode
38312900	BVP528 2590/757 HGB A35-WB D9 T35 OUT	1,500 W	Surge protection level until 10 kV differential mode
38316700	BVP528 2590/740 HGB A35-WB D9 T35 OUT	1,500 W	Surge protection level until 10 kV differential mode
38302000	BVP518 1650/730 BV A35-WB D9 T35 OUT LO	1,000 W	Surge protection level until 10 kV differential mode
38304400	BVP518 1720/740 BV A35-WB D9 T35 OUT	1,000 W	Surge protection level until 10 kV differential mode
38306800	BVP518 1720/740 BV A35-WB D9 T35 OUT LO	1,000 W	Surge protection level until 10 kV differential mode
38307500	BVP518 1720/740 BV A65-WB D9 T35 OUT	1,000 W	Surge protection level until 10 kV differential mode
38308200	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
38309900	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
38310500	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
38311200	BVP528 2590/740 BV A35-WB D9 T35 OUT LO	Polycarbonate bowl/cover clear
38313600	BVP528 2590/740 BV A35-WB D9 T35 OUT	Polycarbonate bowl/cover clear
38314300	BVP528 2590/740 BV A35-NB D9 T35 OUT LO	Polycarbonate bowl/cover clear
38315000	BVP528 2470/730 BV A35-NB D9 T35 OUT LO	Polycarbonate bowl/cover clear
38317400	BVP528 2590/740 BV A35-WB CM5 D28 T35 LO	Polycarbonate
38318100	BVP528 2470/730 BV A35-NB CM5 D28 T35 LO	Polycarbonate
38319800	BVP528 2470/730 BV A35-WB CM5 D28 T35 LO	Polycarbonate
38320400	BVP528 2590/740 BV A35-NB CM5 D28 T35 LO	Polycarbonate
38321100	BVP528 2590/757 BV A35-WB D9 T35 OUT	Polycarbonate bowl/cover clear
38322800	BVP528 2590/740 BV A65-WB D9 T35 OUT	Polycarbonate bowl/cover clear
38323500	BVP528 2470/730 BV A35-WB D9 T35 OUT LO	Polycarbonate bowl/cover clear
38303700	BVP518 1720/740 HGB A35-WB D9 T35 OUT	Polycarbonate bowl/cover clear
38305100	BVP518 1720/757 HGB A35-WB D9 T35 OUT	Polycarbonate bowl/cover clear

Order Code	Full Product Name	Optical cover type
38312900	BVP528 2590/757 HGB A35-WB D9 T35 OUT	Polycarbonate bowl/cover clear
38316700	BVP528 2590/740 HGB A35-WB D9 T35 OUT	Polycarbonate bowl/cover clear
38302000	BVP518 1650/730 BV A35-WB D9 T35 OUT LO	Polycarbonate bowl/cover clear
38304400	BVP518 1720/740 BV A35-WB D9 T35 OUT	Polycarbonate bowl/cover clear
38306800	BVP518 1720/740 BV A35-WB D9 T35 OUT LO	Polycarbonate bowl/cover clear
38307500	BVP518 1720/740 BV A65-WB D9 T35 OUT	Polycarbonate bowl/cover clear
38308200	BVP518 1720/740 BV A35-WB CM5 D28 T35 LO	Polycarbonate
38309900	BVP518 1650/730 BV A35-WB CM5 D28 T35 LO	Polycarbonate
38310500	BVP518 1720/757 BV A35-WB D9 T35 OUT	Polycarbonate bowl/cover clear

Product Data

Order Code	Full Product Name	Product family code
38311200	BVP528 2590/740 BV A35-WB D9 T35 OUT LO	BVP528
38313600	BVP528 2590/740 BV A35-WB D9 T35 OUT	BVP528
38314300	BVP528 2590/740 BV A35-NB D9 T35 OUT LO	BVP528
38315000	BVP528 2470/730 BV A35-NB D9 T35 OUT LO	BVP528
38317400	BVP528 2590/740 BV A35-WB CM5 D28 T35 LO	BVP528
38318100	BVP528 2470/730 BV A35-NB CM5 D28 T35 LO	BVP528
38319800	BVP528 2470/730 BV A35-WB CM5 D28 T35 LO	BVP528
38320400	BVP528 2590/740 BV A35-NB CM5 D28 T35 LO	BVP528
38321100	BVP528 2590/757 BV A35-WB D9 T35 OUT	BVP528
38322800	BVP528 2590/740 BV A65-WB D9 T35 OUT	BVP528
38323500	BVP528 2470/730 BV A35-WB D9 T35 OUT LO	BVP528
38303700	BVP518 1720/740 HGB A35-WB D9 T35 OUT	BVP518
38305100	BVP518 1720/757 HGB A35-WB D9 T35 OUT	BVP518
38312900	BVP528 2590/757 HGB A35-WB D9 T35 OUT	BVP528
38316700	BVP528 2590/740 HGB A35-WB D9 T35 OUT	BVP528
38302000	BVP518 1650/730 BV A35-WB D9 T35 OUT LO	BVP518
38304400	BVP518 1720/740 BV A35-WB D9 T35 OUT	BVP518
38306800	BVP518 1720/740 BV A35-WB D9 T35 OUT LO	BVP518
38307500	BVP518 1720/740 BV A65-WB D9 T35 OUT	BVP518
38308200	BVP518 1720/740 BV A35-WB CM5 D28 T35 LO	BVP518
38309900	BVP518 1650/730 BV A35-WB CM5 D28 T35 LO	BVP518
38310500	BVP518 1720/757 BV A35-WB D9 T35 OUT	BVP518