



## 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

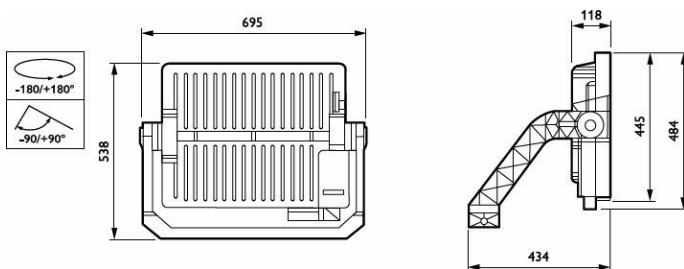


OptiVision gen3.5 2 modules

## 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



BVP518 1650/730 BV A35-WB CM5 D28 T35 LO

## General Information

Lamp family code	LED1650 [LED module 165000 lm]
Number of gear units	1 unit
Gear	-
Driver included	Yes

## Light Technical

Upward light output ratio	0
Luminous Flux	139,000 lm
Correlated Color Temperature (Nom)	3000 K
Color rendering index (CRI)	70
Number of light sources	2
Light source color	730 warm white
Luminaire light beam spread	-
Optic type outdoor	Asymmetrical

## Operating and Electrical

Power Consumption	825 W
Surge Protection (Common/Differential)	Surge protection level until 10 kV differential mode and 10 kV common mode

## 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	-
Optical cover type	Polycarbonate

## Approval and Application

Flammability mark	-
CE mark	Yes

## Product Data

Product family code

BVP518 [OPTIVISION LED GEN3.5  
SMALL]