



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

## OptiVision LED gen3.5

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

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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

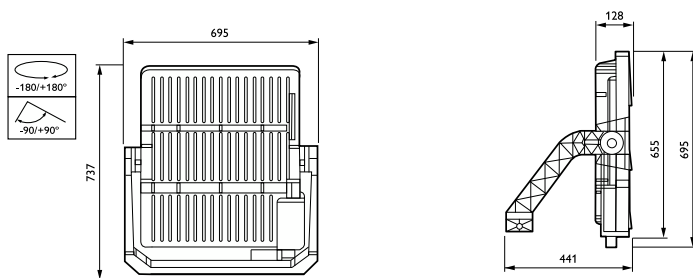
- Logistics areas (Ports)
- Apron lighting (Airports), Parking and Industrial areas
- Recreational sports lighting applications (Football, Hockey, Basketball, Golf, Tennis, etc)

## Versions



OptiVision gen3.5 3 modules

## Dimensional drawing



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## General Information

Driver included	Yes
Lamp family code	LED2600
Number of gear units	1 unit

## Light Technical

Luminaire light beam spread	5° - 11° x 78°
Light source color	757 cool white
Correlated Color Temperature (Nom)	5700 K
Color rendering index (CRI)	>70
Optic type outdoor	Asymmetrical narrow beam
Upward light output ratio	0

## Operating and Electrical

Power Consumption	1,670 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

Optical cover type	Polycarbonate bowl/cover UV- resistant
Housing Color	Aluminum
Mech. impact protection code	IK08
Ingress protection code	IP66
Standard tilt angle side entry	-
Standard tilt angle posttop	15°

## Approval and Application

CE mark	Yes
Flammability mark	-

## Product Data

Product family code	BVP528
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## Light Technical

Order Code	Full Product Name	Luminous Flux
38192700	BVP528 2830/757 PSD BV A35-WB D9 T25 OUT	236,846 lm
38193400	BVP528 2830/757 PSD BV A35-NB D9 T25 OUT	240,007 lm
38194100	BVP528 2830/757 PSD BV A35-XWB D9 T25OUT	233,797 lm

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