



## Versatile floodlight to illuminate your areas

The ActiStar Large represents a new era in large-area and recreational sports lighting, engineered to deliver superior performance, efficiency, and connectivity. This comprehensive solution is designed to meet the demands of both simple and highly complex applications. Uncompromising Performance & Quality – Delivers exceptional light quality, uniformity, and visual comfort, ensuring safety and meeting the highest lighting performance standards with a long operational lifespan. Advanced Control & Connectivity–Features an integrated DALI driver box for seamless connectivity to building management systems. Its D4i standard compliance ensures readiness for advanced wireless control and IoT integration. Superior Energy Efficiency – The combination of high-efficacy LEDs and intelligent control capabilities leads to significant reductions in energy consumption and operational costs. Precision Optical Engineering – Equipped with a premium beam control system that maximizes light on the target area (higher lux levels and uniformity) while drastically reducing spill light

and sky glow pollution for minimal environmental impact. Optimized for Versatile Applications – The robust, single-piece pressure die-cast aluminum housing is engineered for durability and features flexible bonding fins to minimize wind load, making it ideal for sports venues and other demanding installations. Modular & Scalable Design – Available in versatile configurations—hosting 1, 2, or 3 LED modules—to provide the exact luminous flux and coverage required for any project scale.

## Benefits

- High system lumen package up to 249,500 lumens at color rendering index (CRI70) at high system efficacy reduces the number of fixtures and therefore lowers TCO per area.
- The light weight (3Kg by 12% reduced compared to typical floodlight) and compact size will result in convenience of installation, lower structural load cost and lower wind loading pressure (SCx).
- Innovative beam control system – proven optics in ArenaVision and specialized designed visors, ensuring arena lighting fully complying with global sports lighting standards and reducing the spill light (20% cut) towards neighbor environment.
- Versatile mounting system with horizontally rotatable ( $\pm 75^\circ$ ) bracket will enable installation with less constraints physically and easy aiming for optimal field illumination.
- Beam easy tracking system (color coded cap) give more convenience on maintenance to track and identify optics of each lighting fixture.
- All-in-one driver of the luminaire integrate DMX/ RDM, complying to DALI and D4i which are compatible with Interact system to control lighting points, set operation scheme and asset-management.

## Applications

- Recreational sports lighting – Football, Hockey, Basketball, Golf, Tennis, etc
- Apron lighting – Airports, Parking and Industrial areas
- Logistics areas – Ports and container yards, construction sites

## Features

- System lumen output (CRI70) up to 249,500lm and 233,200lm (without visor)
- Specialized designed visor to cut spill light
- Color caps for easy identification of optic type at installation site
- Both symmetric and asymmetric optics for better lighting performance given far distance light distribution and reduce quantity on project
- PC and glass front face cover optional
- Horizontally rotatable ( $\pm 75^\circ$ ) U bracket for easing aiming and commissioning
- Breather on each LED module and 3-in-1 seamless cable for wiring, bird-proof conduit
- Unique adjustable module design to lower wind loading pressure (SCx)
- Not suitable for industry area where chemical stuff exists. Application in corrosion environment like swimming pool, coastline outdoors, please consult local sales team for special painting before order. Product has be installed on fixed objects.

Versions

ActiStar sports area



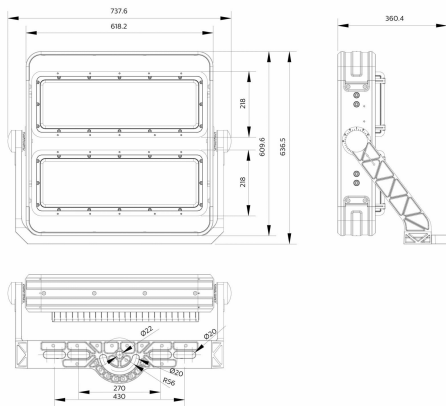
ActiStar sports area



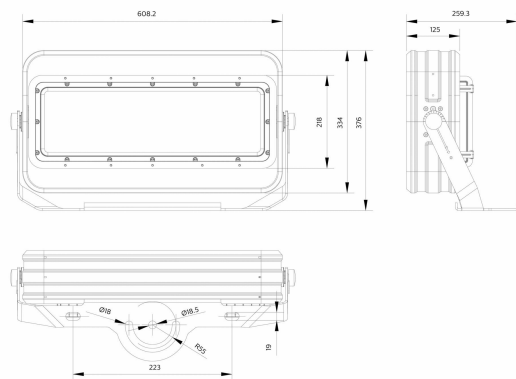
ActiStar sports area



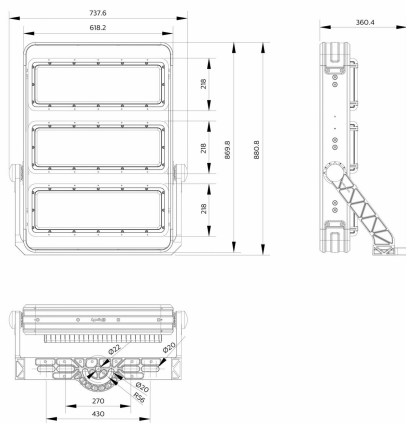
Dimensional drawing



BVP582 LED1645/757 1200W A35WB R5BV



BVP581 LED822/757 600W A35WB R5BV



BVP583 LED2467/757 1800W A35WB R5BV

## Product details



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### General Information

|                      |        |
|----------------------|--------|
| Number of gear units | 1 unit |
| Driver included      | Yes    |

### Light Technical

|                                    |                |
|------------------------------------|----------------|
| Correlated Color Temperature (Nom) | 5700 K         |
| Color rendering index (CRI)        | 70             |
| Light source color                 | 757 cool white |

### Controls and Dimming

|          |      |
|----------|------|
| Dimmable | DALI |
|----------|------|

### Mechanical and Housing

|                              |                                              |
|------------------------------|----------------------------------------------|
| Housing Color                | Dark gray                                    |
| Ingress protection code      | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [6 J]                                   |
| Optical cover type           | Polycarbonate                                |

### Approval and Application

|                   |     |
|-------------------|-----|
| Flammability mark | -   |
| CE mark           | Yes |

## Light Technical

| Order Code   | Full Product Name                   | Luminous Flux |
|--------------|-------------------------------------|---------------|
| 911401602910 | BVP583 LED2467/757 1800W A35WB R5BV | 246,700 lm    |
| 911401602310 | BVP582 LED1645/757 1200W A35WB R5BV | 164,500 lm    |
| 911401601910 | BVP581 LED822/757 600W A35WB R5BV   | 82,200 lm     |

## Operating and Electrical

| Order Code   | Full Product Name                   | Power Consumption |
|--------------|-------------------------------------|-------------------|
| 911401602910 | BVP583 LED2467/757 1800W A35WB R5BV | 1,800 W           |
| 911401602310 | BVP582 LED1645/757 1200W A35WB R5BV | 1,200 W           |
| 911401601910 | BVP581 LED822/757 600W A35WB R5BV   | 600 W             |