



# Activate Your Infinite Potential, ActiStar

## ActiStar

Philips Actistar inherits all the advantages you would expect from a Philips floodlight and now takes performance to a new level to illuminate your recreational sports fields and area lighting applications. It's an ideal solution for a wide range of lighting applications, such as sports pitches, container yards and ports, apron and industrial large areas and intersections. ActiStar will energise your sports facilities with uniformity and be able to enhance the safety of junctions by maximising efficiencies. Offering optimised design for 1:1 retrofitting in a compact size with lower weight, wide choice of optics and high manufacturing quality. It can deliver sufficient light at higher efficacy and it incorporates best-in-class LED light sources, a modular optical system, a heat sink and driver into a one-piece housing that meets globally recognised safety standards. Its rigorously designed heat sink incorporates aesthetics and functionality to ensure excellent reliability. The superior lighting performance and longer lifetime activate your infinite potential with ActiStar.

### Benefits

- Design optimized for 1:1 retrofitting
- Wide choice of optic for sports, road, and area applications
- High lumen efficacy on high lumen packages to cut luminaires installation quantity
- Enhance the safety of intersection roads by maximizing efficiencies
- Smart stadiums and great fan experiences start with Interact Sports
- Energize your sports facilities with best-in-class illumination and uniformity
- Compact size with an integrated driver gives you more flexibility and convenience in installation.
- Equipped with Service Tag to provide assistance and support services
- Switching your HID high mast luminaires to ActiStar not only saves energy and operating costs, but it also allows you to achieve comparable photometric performance while cutting your luminaire quantity

Features

- Philips brand stands for high quality, elegant and aesthetic.
- Wide choice of optic for sports, road, and area applications to meet multiple needs.
- Compact design one-piece design, driver inside of housing with light weight, help addressing customers' safety and easy installation concerns.
- Compatible with Interact Sports systems
- Best-in-class LED to achieve higher efficacy on high lumen output.
- Compatible with various dimming drivers for various lighting control systems, future proof features.
- High-quality MSP coating with a robust design makes the installation suitable for harsh outdoor environment conditions

Application

- Airport Apron
- Port & Container Yard
- Large industrial areas / Car Park Areas
- Transportation Terminals & Tollways
- Recreational Sports Stadium
- Intersection Road
- General flood lighting

Specifications

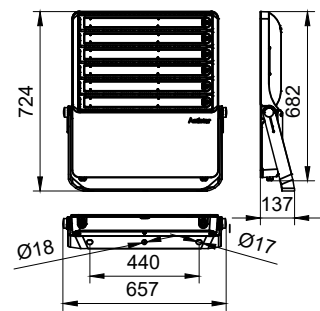
Material	Housing: die-cast aluminum
	Optic cover: Polycarbonate
Light Source	High power LED module
Installation	U bracket surface-mounted
Luminous flux	system flux up to 110,000 lumen
Correlated color temperature - CCT	730/740/757/830/840/857/957
Luminaire efficacy	System typical efficacy
	757 - 135lm/W
	857 - 120lm/W
	957 - 110lm/W

Color Rendering index - 70/80/90	
CRI	
Power	Up to 820W
Mains Voltage	220~240V, 50/60Hz
Control system input	1-10V / DALI / coded mains
Dimming	1-10V
	FP: DALI / Coded mains
Operating Temperature range	-40°C to 50°C (outdoor) , -40°C to 40°C (indoor)
Ingress protection	IP66
Certification	IECEE CB, CE, CQC, SAA

Versions



Dimensional drawing



Product details



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General Information	
Driver included	Yes
Service tag	Yes
Light Technical	
Light source color	757 cool white
Correlated Color Temperature (Nom)	5700 K
Color rendering index (CRI)	>70
Mechanical and Housing	
Optical cover type	Polycarbonate bowl/cover
Housing Color	Gray
Mech. impact protection code	IK08
Ingress protection code	IP66
Approval and Application	
CE mark	Yes
Flammability mark	-

Light Technical

Order Code	Full Product Name	Luminous Flux
911401614908	BVP631 LED1029/757 820W AWB 1-10V	102,900 lm
911401615108	BVP631 LED1107/757 820W SMB 1-10V	110,700 lm
911401615708	BVP631 LED898/757 700W DX10	89,800 lm
911401616008	BVP631 LED1023/757 820W DX10 1-10V	102,300 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401614908	BVP631 LED1029/757 820W AWB 1-10V	820 W
911401615108	BVP631 LED1107/757 820W SMB 1-10V	820 W

Order Code	Full Product Name	Power Consumption
911401615708	BVP631 LED898/757 700W DX10	700 W
911401616008	BVP631 LED1023/757 820W DX10 1-10V	820 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401614908	BVP631 LED1029/757 820W AWB 1-10V	Yes
911401615108	BVP631 LED1107/757 820W SMB 1-10V	Yes

Order Code	Full Product Name	Dimmable
911401615708	BVP631 LED898/757 700W DX10	No
911401616008	BVP631 LED1023/757 820W DX10 1-10V	Yes

