



# Activate Your Infinite Potential, ActiStar

## ActiStar

Philips ActiStar Inherits and develops Philips brand floodlight consistent advantages to a new performance level to illuminate your recreational sports fields and areas with best-in-class LED technology. It's new ideal solution for a wide range of lighting applications, like recreational sports pitch, containers yard and ports, apron and industrial large areas, intersection road, etc. ActiStar will energize your sports facilities with uniformity and be able to enhance the safety of intersection roads by maximizing efficiencies. Optimized design for 1:1 retrofitting in compact size with lower weight, wide choice of optic, high manufacturing quality. It can deliver sufficient light at higher efficacy, and it incorporates best-in-class LED light source, modular optical system, heat sink and driver into one-piece housing that meets globally recognized safety standards. Its rigorous designed heat sink incorporates aesthetics and functionality to ensure excellent reliability. The superior lighting performance and longer lifetime to activate your and infinite potential, 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**

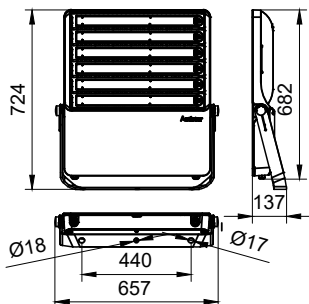
- Airport Apron
- Port & Container Yard
- Large industrial areas / Car Park Areas
- Transportation Terminals & Tollways
- Recreational Sports Stadium
- Intersection Road
- General flood lighting

**Specifications**

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

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

**Dimensional drawing**



## Product details



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General Information	
Service tag	Yes
Light Technical	
Correlated Color Temperature (Nom)	5700 K
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	-

## General Information

Order Code	Full Product Name	Driver included
911401614908	BVP631 LED1029/757 820W AWB 1-10V	Yes
911401615008	BVP631 LED1095/757 820W NB 1-10V	Yes
911401615108	BVP631 LED1107/757 820W SMB 1-10V	Yes
911401615208	BVP631 LED1107/757 820W SWB 1-10V	Yes
911401615308	BVP631 LED1095/757 820W S3 1-10V	Yes
911401615408	BVP631 LED1107/757 820W S5 1-10V	Yes
911401615508	BVP631 LED1107/757 820W S6 1-10V	Yes
911401615608	BVP631 LED1107/757 820W S7 1-10V	Yes
911401615708	BVP631 LED898/757 700W DX10	Yes
911401615808	BVP631 LED984/757 770W DX10	Yes
911401615908	BVP631 LED934/757 750W DX10 1-10V	Yes
911401616008	BVP631 LED1023/757 820W DX10 1-10V	Yes
911401616108	BVP631 LED718/857 600W NB FP	Yes
911401616208	BVP631 LED898/857 750W NB FP	Yes
911401616508	BVP632 LED866/957 820W S6	No
911401616608	BVP632 LED866/957 820W S7	No
911401616708	BVP631 LED983/857 820W NB 1-10V	Yes

## Light Technical

Order Code	Full Product Name	Light source color	Color rendering index (CRI)	Luminous Flux
911401614908	BVP631 LED1029/757 820W AWB 1-10V	757 cool white	>70	102,900 lm
911401615008	BVP631 LED1095/757 820W NB 1-10V	757 cool white	>70	109,500 lm

Order Code	Full Product Name	Light source color	Color rendering index (CRI)	Luminous Flux
911401615108	BVP631 LED1107/757 820W SMB 1-10V	757 cool white	>70	110,700 lm
911401615208	BVP631 LED1107/757 820W SWB 1-10V	757 cool white	>70	110,700 lm

Order Code	Full Product Name	Light source	Color rendering	Luminous Flux
		color	index (CRI)	
911401615308	BVP631 LED1095/757 820W S3 1-10V	757 cool white	>70	109,500 lm
911401615408	BVP631 LED1107/757 820W S5 1-10V	757 cool white	>70	110,700 lm
911401615508	BVP631 LED1107/757 820W S6 1-10V	757 cool white	>70	110,700 lm
911401615608	BVP631 LED1107/757 820W S7 1-10V	757 cool white	>70	110,700 lm
911401615708	BVP631 LED898/757 700W DX10	757 cool white	>70	89,800 lm
911401615808	BVP631 LED984/757 770W DX10	757 cool white	>70	98,400 lm
911401615908	BVP631 LED934/757 750W DX10 1-10V	757 cool white	>70	93,400 lm

### Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401614908	BVP631 LED1029/757 820W AWB 1-10V	820 W
911401615008	BVP631 LED1095/757 820W NB 1-10V	820 W
911401615108	BVP631 LED1107/757 820W SMB 1-10V	820 W
911401615208	BVP631 LED1107/757 820W SWB 1-10V	820 W
911401615308	BVP631 LED1095/757 820W S3 1-10V	820 W
911401615408	BVP631 LED1107/757 820W S5 1-10V	820 W
911401615508	BVP631 LED1107/757 820W S6 1-10V	820 W
911401615608	BVP631 LED1107/757 820W S7 1-10V	820 W
911401615708	BVP631 LED898/757 700W DX10	700 W

### Controls and Dimming

Order Code	Full Product Name	Dimmable
911401614908	BVP631 LED1029/757 820W AWB 1-10V	Yes
911401615008	BVP631 LED1095/757 820W NB 1-10V	Yes
911401615108	BVP631 LED1107/757 820W SMB 1-10V	Yes
911401615208	BVP631 LED1107/757 820W SWB 1-10V	Yes
911401615308	BVP631 LED1095/757 820W S3 1-10V	Yes
911401615408	BVP631 LED1107/757 820W S5 1-10V	Yes
911401615508	BVP631 LED1107/757 820W S6 1-10V	Yes
911401615608	BVP631 LED1107/757 820W S7 1-10V	Yes
911401615708	BVP631 LED898/757 700W DX10	No

Order Code	Full Product Name	Light source	Color rendering	Luminous Flux
		color	index (CRI)	
911401616008	BVP631 LED1023/757 820W DX10 1-10V	757 cool white	>70	102,300 lm
911401616108	BVP631 LED718/857 600W NB FP	857 daylight	>80	71,800 lm
911401616208	BVP631 LED898/857 750W NB FP	857 daylight	>80	89,800 lm
911401616508	BVP632 LED866/957 820W S6	957 cool white	≥90	86,600 lm
911401616608	BVP632 LED866/957 820W S7	957 cool white	≥90	86,600 lm
911401616708	BVP631 LED983/857 820W NB 1-10V	857 daylight	>80	98,300 lm

Order Code	Full Product Name	Power Consumption
911401615808	BVP631 LED984/757 770W DX10	770 W
911401615908	BVP631 LED934/757 750W DX10 1-10V	750 W
911401616008	BVP631 LED1023/757 820W DX10 1-10V	820 W
911401616108	BVP631 LED718/857 600W NB FP	600 W
911401616208	BVP631 LED898/857 750W NB FP	750 W
911401616508	BVP632 LED866/957 820W S6	820 W
911401616608	BVP632 LED866/957 820W S7	820 W
911401616708	BVP631 LED983/857 820W NB 1-10V	820 W

Order Code	Full Product Name	Dimmable
911401615808	BVP631 LED984/757 770W DX10	No
911401615908	BVP631 LED934/757 750W DX10 1-10V	Yes
911401616008	BVP631 LED1023/757 820W DX10 1-10V	Yes
911401616108	BVP631 LED718/857 600W NB FP	Yes
911401616208	BVP631 LED898/857 750W NB FP	Yes
911401616508	BVP632 LED866/957 820W S6	No
911401616608	BVP632 LED866/957 820W S7	No
911401616708	BVP631 LED983/857 820W NB 1-10V	Yes

