



# **ActiStar**

# BVP631 LED1107/757 820W SWB 1-10V

ActiStar, 110700 lm, 820 W, 757 cool white, Analog, Safety class I

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.

#### **Product data**

General Information	
Driver included	Yes
Lighting Technology	LED
Value ladder	Specification
CE mark	CE mark
Flammability mark	-
Light Technical	
Luminous Flux	110,700 lm
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	135 lm/W
Color rendering index (CRI)	>70
-	-

Light source color	757 cool white
Optical cover type	Polycarbonate bowl/cover
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	276 A
Power Consumption	820 W
Power Factor (Fraction)	0.95
Connection	Flying leads/wires
Cable	Cable 1.5 m without plug

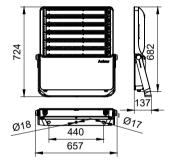
Datasheet, 2024, February 8 data subject to change

## **ActiStar**

Number of products on MCB of 16 A type B 1		
Temperature		
Ambient temperature range	-40 to +50 ℃	
Controls and Dimming		
Dimmable	Yes	
Control interface	Analog	
Mechanical and Housing		
Housing Material	Aluminum Alloy	
Optical cover material	Polycarbonate	
Housing Color	Gray	
Overall length	740 mm	
Overall width	657 mm	
Overall height	89 mm	
Effective projected area	0.4 m²	
Dimensions (Height x Width x Depth)	89 x 657 x 740 mm	
Approval and Application		
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]	

Mech. impact protection code	IK08 [5 J vandal-protected]
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	0.3287, 0.3425
Power consumption tolerance	+/-10%
Product Data	
Order product name	BVP631 LED1107/757 820W SWB 1-10V
Full product name	BVP631 LED1107/757 820W SWB 1-10V
Full product code	872016951932900
Order code	911401615208
Material Nr. (12NC)	911401615208
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169519329
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169519329

## Dimensional drawing





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