



# ActiStar

## BVP631 LED983/857 820W NB 1-10V

ActiStar, 98300 lm, 820 W, 857 daylight, Analog, Safety class I

ActiStar Inherits and develops 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
Service tag	Yes
Lighting Technology	LED
Value ladder	Specification
Light Technical	
Luminous Flux	98,300 lm
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	119 lm/W
Color rendering index (CRI)	>80
Light source color	857 daylight

Effective projected area	0.4 m <sup>2</sup>
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
Number of products on MCB of 16 A type B 1	

Protection class IEC	Safety class I
<b>Controls and Dimming</b>	
Dimmable	Yes
Control interface	Analog
<b>Mechanical and Housing</b>	
Housing Material	Aluminum Alloy
Optical cover material	Polycarbonate
Housing Color	Gray
Overall length	740 mm
Overall width	657 mm
Overall height	89 mm
Dimensions (Height x Width x Depth)	89 x 657 x 740 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	Polycarbonate bowl/cover
Net Weight (Piece)	27.600 kg
<b>Approval and Application</b>	
Flammability mark	-

CE mark	Yes
Ambient temperature range	-40 to +50 °C
<b>Initial Performance (IEC Compliant)</b>	
Luminous flux tolerance	+/-10%
Initial chromaticity	0.3287, 0.3425
Power consumption tolerance	+/-10%
<b>Product Data</b>	
Order product name	BVP631 LED983/857 820W NB 1-10V
Full product name	BVP631 LED983/857 820W NB 1-10V
Full product code	692234198264400
Order code	911401616708
Material Nr. (12NC)	911401616708
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6922341982644
Numerator - Packs per outer box	1
EAN/UPC - Case	6922341982644

## Dimensional drawing

