



# Smartbright Essential Pro-Flood Light

## BVP216 LED150 CW 150W WB GR PSU

SmartBright Essential Pro, an innovative lighting solution designed to meet the diverse and demanding illumination requirements of modern environments. In a world where effective lighting plays a crucial role in safety, functionality, and aesthetics. This fixture combines advanced integrated optics with a remarkable selection of 8 wattage options, providing customizable brightness levels tailored to various applications. Whether illuminating expansive outdoor spaces, bustling industrial facilities, or large commercial areas, the SmartBright Essential Pro is engineered to deliver unparalleled performance and longevity. With a focus on efficiency, durability, and ease of use, this lighting solution is crafted to meet the needs of a wide array of environments. From enhancing residential areas and parks to brightening warehouses and construction sites, the SmartBright Essential Pro excels in any setting. Its sleek and modern design not only complements contemporary architecture but also enhances the overall ambiance of spaces, creating inviting and functional environments for work and leisure alike. Embrace the future of lighting with the SmartBright Essential Pro, where innovative technology meets practical design, transforming your spaces with reliable and stylish illumination.

### Product data

General Information	
Driver included	Yes
Light source engine type	LED
Warranty period	2 years
Light Technical	
Luminous Flux	15,000 lm
Correlated Color Temperature (Nom)	6500 K

Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	70
Beam angle of light source	120 degree(s)
Light source color	Cool white
Optic type	Symmetrical
Luminaire light beam spread	90°
Optic type outdoor	Symmetrical

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## Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 Hz
Power Consumption	150 W
Power Factor (Fraction)	0.95
Protection class IEC	Safety class I
Surge Protection (Common/Differential)	4/4 kV kV

## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Housing Material	Aluminium pressure die cast
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	Black
Mounting device	Mounting bracket adjustable
Optical cover shape	Flat
Material	Aluminum
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Optical cover type	Polycarbonate

Net Weight (Piece)	1.800 kg
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## Approval and Application

Flammability mark	-
Ambient temperature range	0 °C to 35 °C

## Initial Performance (IEC Compliant)

Power consumption tolerance	+/-10%
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## Over Time Performance (IEC Compliant)

Median useful life L70B50	30,000 hour(s)
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## Product Data

Order product name	BVP216 LED150 CW 150W WB GR PSU
Full product name	BVP216 LED150 CW 150W WB GR PSU
Order code	919615896607
Material Nr. (12NC)	919615896607
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4

## Dimensional drawing

