



# Essential Flood BVP150

**BVP150 LED85/CW 120-277V 100W**

- - Black

Essential LED Flood is high efficiency designed with latest LED technology, achieving substantial energy savings comparing to conventional floodlights

## Warnings and Safety

- The projector must not be used or stored in aggressive environments with the presence of sulfur, chlorine, etc.

## Product data

General Information	
Lamp family code	-
Light source replaceable	No
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Luminaire light beam spread	100° x 120°
Connection	Flying leads/wires
Cable	Cable 0.3 m without plug
Protection class IEC	Safety class I
Constant light output	No
Number of products on MCB of 16 A type B 10	
Light Technical	
Standard tilt angle posttop	-
Standard tilt angle side entry	-

Operating and Electrical	
Input Voltage	120 to 277 V
Input Frequency	50 or 60 Hz
Inrush current	7.7 A
Inrush time	0.022 ms
Power Factor (Min)	0.9
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Material	Aluminum
Mounting device	Mounting bracket adjustable
Overall height	231 mm
Effective projected area	0.056 m <sup>2</sup>
Color	Black

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## Approval and Application

Ingress protection code	IP65 [ Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [ 1 J]
Surge Protection (Common/Differential)	Surge protection level until 4 kV

## Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	8500 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	85 lm/W
Init. Corr. Color Temperature	6500 K
Init. Color Rendering Index	>80
Initial input power	100 W
Power consumption tolerance	+/-10%

## Over Time Performance (IEC Compliant)

Median useful life L70B50	30000 h
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## Application Conditions

Ambient temperature range	-20 to +40 °C
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## Product Data

Full product code	871951452432399
Order product name	BVP150 LED85/CW 120-277V 100W
EAN/UPC - Product	8719514524323
Order code	911401836682
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	911401836682
Net Weight (Piece)	1.260 kg

