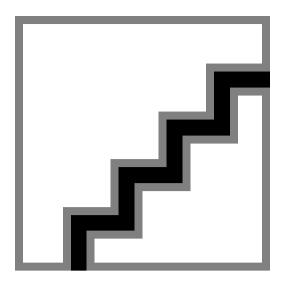# Ledinaire floodlight maxi

BVP106 LED200/740 PSU VWB100

LED module, system flux 20000 lm – 740 neutral white – Power supply unit – Beam category A1 – 422 mm

The Ledinaire range contains a selection of popular off-the-shelf LED luminaires that comes with the Philips high quality levels at a competitive price. Reliable, energy-efficient and affordable – just what you need.

Product data

General Information

Number of light sources	-
Lamp family code	LED200S [LED module, system flux 20000 lm]
Light source color	740 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optical cover/lens type	Tempered glass
Luminaire light beam spread	100° x 100°
Connection	Flying leads/wires
Cable	Cable 0.5 m with cable connector 3-pole
Protection class IEC	Safety class I
Flammability mark	For mounting on easily flammable surfaces
CE mark	CE mark
ENEC mark	-
Warranty period	3 years

Optic type outdoor	Beam category A1
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore the median useful life (B50) value also represents the B10 value.
Constant light output	No
Number of products on MCB of 16 A type B	7
RoHS mark	RoHS mark
Light source engine type	LED

Light Technical

Upward light output ratio	0
Standard tilt angle posttop	-

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Standard tilt angle side entry	–

Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	43 A
Inrush time	0.44 ms
Power Factor (Min)	0.9

Controls and Dimming

Dimmable	No

Mechanical and Housing

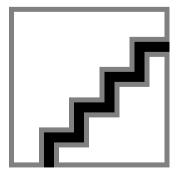|	
Housing Material	Aluminum die cast
Reflector material	Aluminum
Optic material	Glass
Optical cover/lens material	Tempered glass
Fixation material	Steel
Mounting device	Mounting bracket adjustable
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	445 mm
Overall width	346 mm
Overall height	108 mm
Effective projected area	0.139 m²
Width	422 mm
Color	Gray and gray
Dimensions (Height x Width x Depth)	108 x 346 x 445 mm (4.3 x 13.6 x 17.5 in)

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	20000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	100 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	78
Initial chromaticity	(0.375, 0.379) SDCM<5
Initial input power	200 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 35000 h	7.5 %
Lumen maintenance at median useful life* 50000 h	L70

Application Conditions

Ambient temperature range	–25 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

Product Data

Full product code	871869938408100
Order product name	BVP106 LED200/740 PSU VWB100
EAN/UPC – Product	8718699384081
Order code	912401483115
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	1
Material Nr. (12NC)	912401483115
Net Weight (Piece)	6.850 kg

Dimensional drawing

Ledinaire floodlight BVP105/106

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