



# Ledinaire floodlight maxi

## BVP106 LED100/740 PSU VWB100

LED module, system flux 10000 lm - 740 neutral white - Power supply unit - Beam category A1 - 323 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		Optic type outdoor	Beam category A1
Number of light sources	-	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.
Lamp family code	LED100S [ LED module, system flux 10000 lm]	Constant light output	No
Light source color	740 neutral white	Number of products on MCB of 16 A type	15
Light source replaceable	No	B	
Number of gear units	1 unit	RoHS mark	RoHS mark
Driver/power unit/transformer	Power supply unit	Light source engine type	LED
Driver included	Yes	Light Technical	
Optical cover/lens type	Tempered glass	Upward light output ratio	0
Luminaire light beam spread	100° x 100°	Standard tilt angle posttop	-
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		

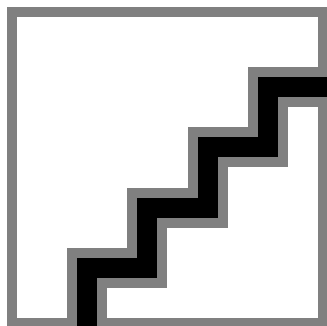
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Standard tilt angle side entry	-
<b>Operating and Electrical</b>	
Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	38 A
Inrush time	0.25 ms
Power Factor (Min)	0.9
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
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	342 mm
Overall width	265 mm
Overall height	85 mm
Effective projected area	0.085 m <sup>2</sup>
Width	323 mm
Color	Gray and gray
Dimensions (Height x Width x Depth)	85 x 265 x 342 mm (3.3 x 10.4 x 13.5 in)
<b>Approval and Application</b>	
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

<b>Initial Performance (IEC Compliant)</b>	
Initial luminous flux (system flux)	10000 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	100 W
Power consumption tolerance	+/-10%
<b>Over Time Performance (IEC Compliant)</b>	
Control gear failure rate at median useful life 35000 h	7.5 %
Lumen maintenance at median useful life* 50000 h	L70
<b>Application Conditions</b>	
Ambient temperature range	-25 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
<b>Product Data</b>	
Full product code	871869938406799
Order product name	BVP106 LED100/740 PSU VWB100
EAN/UPC - Product	8718699384067
Order code	912401483114
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	5
Material Nr. (12NC)	912401483114
Net Weight (Piece)	3.550 kg



## Dimensional drawing



Ledinaire floodlight BVP105/106

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