



# Ledinaire floodlight

## BVP155 LED105/840 PSU 100W VWB CE

LED module 10000 lm - 840 neutral white - Power supply unit -  
Very wide beam angle 100°

This popular range of off-the-shelf floodlighting luminaires offers Philips high quality standards at a very competitive price. Reliable, energy efficient and affordable, Ledinaire is the perfect solution for a wide range of outdoor applications, from building façades and retail stores to billboards, underpasses and garden lighting.

### Product data

General Information			
Lamp family code	LED100 [ LED module 10000 lm]	Constant light output	No
Light source color	840 neutral white	Number of products on MCB of 16 A type B	22
Light source replaceable	No	EU RoHS compliant	Yes
Number of gear units	-	Light source engine type	LED
Driver/power unit/transformer	PSU [ Power supply unit]	Light Technical	
Driver included	Yes	Upward light output ratio	0
Optical cover/lens type	GC [ Clear glass]	Standard tilt angle posttop	0°
Luminaire light beam spread	100°	Standard tilt angle side entry	0°
Control interface	-	Operating and Electrical	
Connection	Flying leads/wires	Input Voltage	220 to 240 V
Cable	Cable 1.0 m without plug (C1K)	Input Frequency	50 or 60 Hz
Protection class IEC	Safety class I (I)	Initial CLO power consumption	- W
Flammability mark	NO [ -]	Average CLO power consumption	- W
CE mark	CE mark	End CLO power consumption	- W
ENEC mark	-	Inrush current	2.48 A
Warranty period	3 years	Inrush time	0.019 ms
Optic type outdoor	Very wide beam angle 100°		

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Power Factor (Min)	0.9
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### Controls and Dimming

Dimmable	No
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### Mechanical and Housing

Housing Material	Aluminum die-cast
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Glass
Fixation material	Steel
Mounting device	MBA [ Mounting bracket adjustable]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	244 mm
Overall width	58 mm
Overall height	311 mm
Effective projected area	0.07 m²
Color	Aluminum and gray
Dimensions (Height x Width x Depth)	311 x 58 x 244 mm (12.2 x 2.3 x 9.6 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)	10500 lm
Luminous flux tolerance	+/-10%

Initial LED luminaire efficacy	105 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	80
Initial chromaticity	<7 SDCM
Initial input power	100 W
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

### Over Time Performance (IEC Compliant)

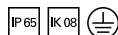
Control gear failure rate at median useful life	10 %
50000 h	
Lumen maintenance at median useful life*	L70
50000 h	

### Application Conditions

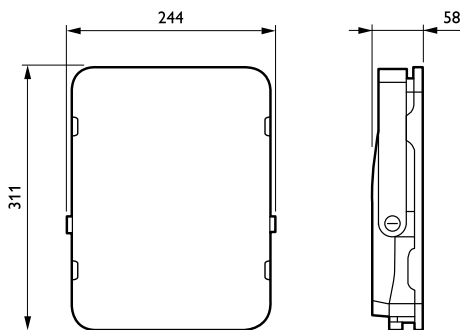
Ambient temperature range	-25 to +40 °C
Maximum dim level	Not applicable

### Product Data

Full product code	871016333125699
Order product name	BVP155 LED105/840 PSU 100W VWB CE
EAN/UPC - Product	8710163331256
Order code	33125699
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	911401733272
Net Weight (Piece)	2.788 kg



## Dimensional drawing



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