



Ledinaire floodlight

BVP155 LED100/840 PSU 100W AWB CE

LED module 10000 lm - 840 neutral white - Power supply unit - Asymmetrical

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	
Lamp family code	LED100 [LED module 10000 lm]
Light source color	840 neutral white
Light source replaceable	No
Number of gear units	-
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optical cover/lens type	Clear glass
Luminaire light beam spread	30° x 80°
Control interface	-
Connection	Flying leads/wires
Cable	Cable 1.0 m without plug
Protection class IEC	Safety class I
Flammability mark	-
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
Optic type outdoor	Asymmetrical
Constant light output	No
Number of products on MCB of 16 A type B	22

EU RoHS compliant	Yes
Light source engine type	LED
Light Technical	
Upward light output ratio	0
Standard tilt angle posttop	O°
Standard tilt angle side entry	O°
Operating and Electrical	
Input Voltage	220 to 240 V
Input Frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
End CLO power consumption	- W
Inrush current	2.48 A
Inrush time	0.019 ms
Power Factor (Min)	0.9
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Datasheet, 2020, June 5 data subject to change

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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 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 IKO8 [5 J vandal-protected, jet-proof] Mech. impact protection (Common/Differential) Luminaire surge protection level until 4 kv differential mode and 4 kV common mode Initial Performance (IEC Compliant)	Controls and Dimming	
Housing Material Reflector material Polycarbonate Optic material Polycarbonate Optical cover/lens material Glass Fixation material Mounting device Mounting bracket adjustable Optical cover/lens shape Flat Optical cover/lens finish Clear Overall length Overall length Samm Overall height Siffective projected area One Aluminum and gray Dimensions (Height x Width x Depth) Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IR08 [5 J vandal-protected] Surge Protection (Common/Differential) Initial Performance (IEC Compliant)	Dimmable	No
Housing Material Reflector material Polycarbonate Optic material Polycarbonate Optical cover/lens material Glass Fixation material Mounting device Mounting bracket adjustable Optical cover/lens shape Flat Optical cover/lens finish Clear Overall length Overall length Samm Overall height Siffective projected area One Aluminum and gray Dimensions (Height x Width x Depth) Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IR08 [5 J vandal-protected] Surge Protection (Common/Differential) Initial Performance (IEC Compliant)		
Reflector material Optic material Optical cover/lens material Optical cover/lens material Steel Mounting device Optical cover/lens shape Optical cover/lens shape Optical cover/lens finish Otear Overall length Overall width S8 mm Overall height SI1 mm Effective projected area Color Aluminum and gray Dimensions (Height x Width x Depth) Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IKO8 [5 J vandal-protected] Surge Protection (Common/Differential) Initial Performance (IEC Compliant)	Mechanical and Housing	
Optical cover/lens material Optical cover/lens material Glass Fixation material Steel Mounting device Mounting bracket adjustable Optical cover/lens shape Flat Optical cover/lens finish Clear Overall length Overall width 58 mm Overall height 311 mm Effective projected area O.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 k² differential mode and 4 kV common mode Initial Performance (IEC Compliant)	Housing Material	Aluminum die cast
Optical cover/lens material Fixation material Mounting device Optical cover/lens shape Optical cover/lens finish Clear Overall length Overall width Overall height Effective projected area Color Dimensions (Height x Width x Depth) Approval and Application Ingress protection code Mech. impact protection code Initial Performance (IEC Compliant) Steel Mounting bracket adjustable Mounting bracket adjustable Mounting bracket adjustable Mounting bracket adjustable Adjustable Aluming bracket adjustable Clear Overall tends Aluminum and gray 311 x 58 x 244 mm (12.2 x 2.3 x 9.6 in) IP65 [Dust penetration-protected, jet-proof] Luminaire surge protection level until 4 kV differential mode and 4 kV common mode	Reflector material	Polycarbonate
Fixation material Mounting device Optical cover/lens shape Optical cover/lens finish Overall length Overall width Overall height Effective projected area Color Aluminum and gray Dimensions (Height x Width x Depth) Approval and Application Ingress protection code Mech. impact protection code Initial Performance (IEC Compliant) Mounting bracket adjustable Aluminum and gray 311 x 58 x 244 mm (12.2 x 2.3 x 9.6 in) Ingress protection code IP65 [Dust penetration-protected, jet-proof] Luminaire surge protection level until 4 kV differential mode and 4 kV common mode	Optic material	Polycarbonate
Mounting device Optical cover/lens shape Optical cover/lens finish Clear Overall length Overall width Overall height Effective projected area Color Aluminum and gray Dimensions (Height x Width x Depth) 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)	Optical cover/lens material	Glass
Optical cover/lens shape Optical cover/lens finish Clear Overall length Overall length Overall width S8 mm Overall height 311 mm Effective projected area O.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)	Fixation material	Steel
Optical cover/lens finish Clear Overall length Overall width S8 mm Overall height 311 mm Effective projected area Color Aluminum and gray Dimensions (Height x Width x Depth) Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IKO8 [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)	Mounting device	Mounting bracket adjustable
Overall length Overall width S8 mm Overall height 311 mm Effective projected area O.07 m² Color Aluminum and gray Dimensions (Height x Width x Depth) 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)	Optical cover/lens shape	Flat
Overall width Overall height Effective projected area O.07 m² Color Aluminum and gray Dimensions (Height x Width x Depth) 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)	Optical cover/lens finish	Clear
Overall height Effective projected area O.07 m² Color Aluminum and gray Dimensions (Height x Width x Depth) 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 k³ differential mode and 4 kV common mode Initial Performance (IEC Compliant)	Overall length	244 mm
Effective projected area O.07 m² Aluminum and gray 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)	Overall width	58 mm
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)	Overall height	311 mm
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)	Effective projected area	0.07 m²
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)	Color	Aluminum and gray
Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK08 [5 J vandal-protected] Luminaire surge protection level until 4 kV differential mode and 4 kV common mode Initial Performance (IEC Compliant)	Dimensions (Height x Width x Depth)	311 x 58 x 244 mm (12.2 x 2.3 x 9.6 in)
proof] Mech. impact protection code IKO8 [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)	Approval and Application	
Mech. impact protection code IKO8 [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)	Ingress protection code	IP65 [Dust penetration-protected, jet-
Surge Protection (Common/Differential) Luminaire surge protection level until 4 kV differential mode and 4 kV common mode Initial Performance (IEC Compliant)		proof]
differential mode and 4 kV common mode Initial Performance (IEC Compliant)	Mech. impact protection code	IK08 [5 J vandal-protected]
mode Initial Performance (IEC Compliant)	Surge Protection (Common/Differential)	Luminaire surge protection level until 4 kV
Initial Performance (IEC Compliant)		differential mode and 4 kV common
		mode
Initial luminous flux (system flux) 10000 lm	Initial Performance (IEC Compliant)	
	Initial luminous flux (system flux)	10000 lm

+/-10%

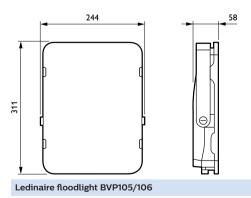
Initial LED luminaire efficacy	100 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	80
Initial chromaticity	<7 SDCM
Initial input power	100 W
Power consumption tolerance	+/-10%
Over Time Performance (IEC Complian	t)
Control gear failure rate at median useful life	10 %
50000 h	
Lumen 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	871016333128799
Order product name	BVP155 LED100/840 PSU 100W AWB CE
EAN/UPC - Product	8710163331287
Order code	911401733302
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	911401733302
Net Weight (Piece)	3.180 kg





Dimensional drawing

Luminous flux tolerance



Ledinaire floodlight



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