



# Ledinaire floodlights gen3

## BVP164 LED33/830 PSU 30W SWB MDU CE

Ledinaire floodlights gen3, 30 W, 3300 lm, 3000 K, CRI80, Symmetrical wide beam, MDU1, IP65

This Ledinaire floodlights 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	-
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Light source engine type	LED
Lighting Technology	LED
Embedded control	Movement and light sensor (On/Off)
CE mark	Yes
Warranty period	3 years
Flammability mark	-
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Upwards light output ratio	0
Luminous Flux	3,300 lm

Standard tilt angle post-top	-
Standard tilt angle side entry	-
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	110 lm/W
Colour rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect	5
Light source colour	830 warm white
Optical cover type	Glass
Luminaire light beam spread	110° x 110°
Optic type outdoor	Symmetrical wide beam
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	30 W
End CLO power consumption	- W

Datasheet, 2023, April 15 data subject to change

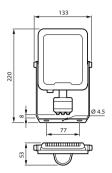
# Ledinaire floodlights gen3

Inrush time 0.0072 ms  Power Consumption 30 W  Power Factor (Fraction) 0.9  Connection Flying leads/cables  Cable Cable 1.0 m without plug  Number of products on MCB of 16 A type B 64  Temperature  Ambient temperature range -20 to +40 °C  Controls and Dimming  Dimmable No  Driver/power unit/transformer Power supply unit (On/Off)  Constant light output No  Mechanical and Housing  Housing material Aluminium die cast  Reflector material Glass  Optical cover/lens material Steel  Housing Colour Grey  Mounting device Mounting bracket adjustable  Optical cover/lens shape Flat  Optical cover/lens finish Clear  Overall length 33 mm  Overall length 53 mm  Effective projected area 0.017 m²  Dimensions (height x width x depth) 53 x 220 x 133 mm  Approval and Application  Ingress protection code IKO7 [2 J reinforced]  Surge Protection (Common/Differential) Luminaire surge protection level up to 2 kV differential mode and 2 kV common mode		122.4
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Ambient temperature range  -20 to +40 °C  Controls and Dimming  Dimmable  No  Driver/power unit/transformer  Power supply unit (On/Off)  Constant light output  No  Mechanical and Housing  Housing material  Aluminium die cast  Reflector material  Optic material  Optic acover/lens material  Fixation material  Steel  Housing Colour  Grey  Mounting device  Mounting bracket adjustable  Optical cover/lens shape  Flat  Optical cover/lens finish  Clear  Optical cover/lens finish  Clear  Overall length  133 mm  Overall width  220 mm  Overall height  53 mm  Effective projected area  Outproval and Application  Ingress protection code  IP65 [Dust penetration-protected, jet-proof]  Mech. impact protection code  IK07 [2 J reinforced]  Surge Protection (Common/Differential)  Luminaire surge protection level up to 2 kV differential mode and 2 kV common	Number of products on MCB of 16 A type B	64
Ambient temperature range  -20 to +40 °C  Controls and Dimming  Dimmable  No  Driver/power unit/transformer  Power supply unit (On/Off)  Constant light output  No  Mechanical and Housing  Housing material  Aluminium die cast  Reflector material  Optic material  Optic acover/lens material  Fixation material  Steel  Housing Colour  Grey  Mounting device  Mounting bracket adjustable  Optical cover/lens shape  Flat  Optical cover/lens finish  Clear  Optical cover/lens finish  Clear  Overall length  133 mm  Overall width  220 mm  Overall height  53 mm  Effective projected area  Outproval and Application  Ingress protection code  IP65 [Dust penetration-protected, jet-proof]  Mech. impact protection code  IK07 [2 J reinforced]  Surge Protection (Common/Differential)  Luminaire surge protection level up to 2 kV differential mode and 2 kV common		
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Dimmable  Driver/power unit/transformer  Power supply unit (On/Off)  Constant light output  No  Mechanical and Housing  Housing material  Aluminium die cast  Reflector material  Optic material  Optical cover/lens material  Fixation material  Housing Colour  Grey  Mounting device  Optical cover/lens shape  Optical cover/lens shape  Optical cover/lens finish  Clear  Overall length  133 mm  Overall length  133 mm  Overall height  53 mm  Effective projected area  Dimensions (height x width x depth)  Approval and Application  Ingress protection code  IP65 [Dust penetration-protected, jet-proof]  Mech. impact protection code  IV differential mode and 2 kV common		
Driver/power unit/transformer  Constant light output  No  Mechanical and Housing  Housing material  Reflector material  Optic material  Optical cover/lens material  Housing Colour  Mounting device  Optical cover/lens shape  Optical cover/lens finish  Clear  Overall length  Overall width  Overall height  Effective projected area  Optical code  Approval and Application  Ingress protection code  Mech. impact protection code  Mechanical individed and 2 kV common  No  Mechanical and Housing  Aluminium die cast  Aluminium die cast	Controls and Dimming	
Mechanical and Housing Housing material Reflector material Polycarbonate Optic material Optical cover/lens material Fixation material Housing Colour Grey Mounting device Mounting bracket adjustable Optical cover/lens shape Flat Optical cover/lens finish Clear Optical cover/lens finish Clear Overall length 133 mm Overall width 220 mm Overall height 53 mm Effective projected area Dimensions (height x width x depth)  Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IVO 12 J reinforced] Surge Protection (Common/Differential) Luminaire surge protection level up to 2 kV differential mode and 2 kV common		No
Mechanical and Housing Housing material Reflector material Polycarbonate Optic material Optical cover/lens material Tempered glass Fixation material Steel Housing Colour Grey Mounting device Mounting bracket adjustable Optical cover/lens shape Flat Optical cover/lens finish Clear Optical cover/lens finish Clear Overall length 133 mm Overall width 220 mm Overall height 53 mm Effective projected area 0.017 m² Dimensions (height x width x depth) S3 x 220 x 133 mm  Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK07 [2 J reinforced] Surge Protection (Common/Differential) Luminaire surge protection level up to 2 kV differential mode and 2 kV common	Driver/power unit/transformer	Power supply unit (On/Off)
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Reflector material       Polycarbonate         Optic material       Glass         Optical cover/lens material       Tempered glass         Fixation material       Steel         Housing Colour       Grey         Mounting bracket adjustable         Optical cover/lens shape       Flat         Optical cover/lens finish       Clear         Overall length       133 mm         Overall width       220 mm         Overall height       53 mm         Effective projected area       0.017 m²         Dimensions (height x width x depth)       53 x 220 x 133 mm         Approval and Application       IP65 [Dust penetration-protected, jet-proof]         Mech. impact protection code       IK07 [2 J reinforced]         Surge Protection (Common/Differential)       Luminaire surge protection level up to 2 kV differential mode and 2 kV common	Mechanical and Housing	
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Optical cover/lens material  Fixation material  Fixation material  Housing Colour  Mounting device  Optical cover/lens shape  Optical cover/lens finish  Clear  Optical length  133 mm  Overall length  220 mm  Overall height  53 mm  Effective projected area  Ointensions (height x width x depth)  Approval and Application  Ingress protection code  IP65 [Dust penetration-protected, jet-proof]  Mech. impact protection code  IKO7 [2 J reinforced]  Surge Protection (Common/Differential)  Luminaire surge protection level up to 2 kV differential mode and 2 kV common	Reflector material	Polycarbonate
Fixation material  Housing Colour  Grey  Mounting device  Optical cover/lens shape  Optical cover/lens finish  Clear  Overall length  133 mm  Overall width  220 mm  Overall height  53 mm  Effective projected area  Dimensions (height x width x depth)  Approval and Application  Ingress protection code  IP65 [Dust penetration-protected, jet-proof]  Mech. impact protection code  Surge Protection (Common/Differential)  Luminaire surge protection level up to 2 kV differential mode and 2 kV common	Optic material	Glass
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Mounting device  Mounting bracket adjustable  Optical cover/lens shape  Optical cover/lens finish  Clear  Overall length  133 mm  Overall width  220 mm  Overall height  53 mm  Effective projected area  0.017 m²  Dimensions (height x width x depth)  53 x 220 x 133 mm  Approval and Application  Ingress protection code  IP65 [Dust penetration-protected, jet-proof]  Mech. impact protection code  IKO7 [2 J reinforced]  Surge Protection (Common/Differential)  Luminaire surge protection level up to 2 kV differential mode and 2 kV common	Fixation material	Steel
Optical cover/lens shape  Optical cover/lens finish  Clear  Overall length  133 mm  Overall width  220 mm  Overall height  53 mm  Effective projected area  O.017 m²  Dimensions (height x width x depth)  Approval and Application  Ingress protection code  IP65 [Dust penetration-protected, jet-proof]  Mech. impact protection code  IKO7 [2 J reinforced]  Surge Protection (Common/Differential)  Luminaire surge protection level up to 2 kV differential mode and 2 kV common	Housing Colour	Grey
Optical cover/lens finish  Clear  Overall length  133 mm  Overall width  220 mm  Overall height  53 mm  Effective projected area  0.017 m²  Dimensions (height x width x depth)  53 x 220 x 133 mm  Approval and Application  Ingress protection code  IP65 [Dust penetration-protected, jet-proof]  Mech. impact protection code  IK07 [2 J reinforced]  Surge Protection (Common/Differential)  Luminaire surge protection level up to 2 kV differential mode and 2 kV common	Mounting device	Mounting bracket adjustable
Overall length 133 mm Overall width 220 mm Overall height 53 mm  Effective projected area 0.017 m² Dimensions (height x width x depth) 53 x 220 x 133 mm  Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof]  Mech. impact protection code IK07 [2 J reinforced]  Surge Protection (Common/Differential) Luminaire surge protection level up to 2 kV differential mode and 2 kV common	Optical cover/lens shape	Flat
Overall width  220 mm  Overall height  53 mm  Effective projected area  0.017 m²  Dimensions (height x width x depth)  53 x 220 x 133 mm  Approval and Application  Ingress protection code  IP65 [Dust penetration-protected, jet-proof]  Mech. impact protection code  IKO7 [2 J reinforced]  Surge Protection (Common/Differential)  Luminaire surge protection level up to 2 kV differential mode and 2 kV common	Optical cover/lens finish	Clear
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kV differential mode and 2 kV common	Mech. impact protection code	IK07 [2 J reinforced]
	Surge Protection (Common/Differential)	Luminaire surge protection level up to 2
mode		kV differential mode and 2 kV common
		mode

Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 1 @200mm to
	EN62778
Photobiological risk specification	0.2 m
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.440, 0.403) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Complian	•
Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life*	80
50,000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
	. Tot applicable
Product Data	
Order product name	BVP164 LED33/830 PSU 30W SWB MDU
	CE
Full product name	BVP164 LED33/830 PSU 30W SWB MDU
	CE
Full EOC	871951453478099
Order code	53478099
Material no. (12 NC)	911401884283
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8719514534780
Numerator – packs per outer box	16
EAN/UPC - Case	8719514534889

## Ledinaire floodlights gen3

### Dimensional drawing





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