



# Trusted performance. Every day.

## Ledinaire high wattage floodlight

Looking for a powerful and reliable floodlight for your outdoor lighting needs? Look no further than the Ledinaire floodlight high wattage! With output of up to 60,000 lm, this floodlight packs a serious punch. Its high-quality LED technology ensures exceptional energy efficiency, with system efficacy of 120 lm/W. The Ledinaire floodlight high wattage also boasts impressive durability, with a protection class of Class I and an IP65 rating. Its robust construction and IK08 rating make it suitable for even the toughest outdoor environments. Our floodlight provides bright and natural-looking light that enhances the look and feel of any outdoor space. And with its symmetrical light distribution, it's ideal for building façades and area lighting. You can be sure that your lighting system will be reliable and consistent. The Ledinaire floodlight high wattage is available in four different sizes. With its tilted universal mounting bracket and pre-assembled cable, installation is quick and easy. So upgrade your outdoor lighting system today with the Ledinaire floodlight high wattage – the perfect combination of power, efficiency and style.

# Ledinaire high wattage floodlight

## Benefits

- High lumen output: With output of up to 60,000 lm and a lumen tolerance of +/-10%, this floodlight provides powerful and reliable illumination for a range of outdoor applications.
- Energy-efficient: The LED technology used in this floodlight ensures exceptional energy efficiency, with system efficacy of 120 lm/W and a power factor of >0.9. This helps you save money on your electricity bills while reducing your carbon footprint.
- Durable construction: The aluminium die-cast housing and tempered glass cover make this floodlight durable and long-lasting, while the protection Class I and IP65 ratings ensure reliable performance even in the toughest weather conditions.
- Versatile mounting: The 360° orientable U offset bracket allows for flexible and easy installation, while the pre-assembled 1-meter power connection makes setup a breeze.
- Stylish design: With a sleek and modern design, this floodlight adds a touch of sophistication to any outdoor space, while the grey RAL 7043 colour option ensures that it blends in seamlessly with its surroundings.
- Wide operating temperature range: This floodlight can withstand a wide range of environmental conditions, making it suitable for use in a variety of outdoor settings.
- Long Lifetime: the Ledinaire floodlight high wattage offers exceptional value for money and peace of mind.

## Features

- High output of up to 60,000 lm with a lumen tolerance of +/-10%
- Energy-efficient LED technology with a system efficacy of 120 lm/W and a power factor of >0.9
- Durable aluminium die-cast housing and tempered glass cover with protection Class I and IP65 ratings
- Versatile 360° orientable U offset bracket for flexible and easy installation
- Stylish grey RAL 7043 colour option that blends in with outdoor surroundings
- Wide operating temperature range of -25°C to +40°C
- Long lifetime of up to 50,000 hours (L70B50 @25°C) and a 3-year warranty

## Application

- Bridges, Monuments, Facades
- Arena and Sports
- Landscape
- Building facades, retail outlets
- Gardens, underpasses
- Advertising hoardings
- Outdoor areas, parking lots
- Retail stores fronts
- Warehouse surroundings
- Small recreational sports field or municipal multi-purpose sport facilities

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Versions

Ledinaire Floodlight BVP166  
LED300/840 PSU 250W RTP



Ledinaire Floodlight BVP166  
LED480/840 PSU 400W RTP



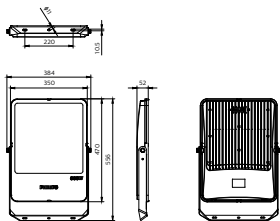
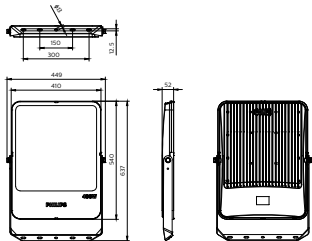
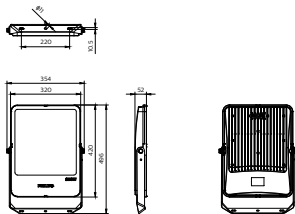
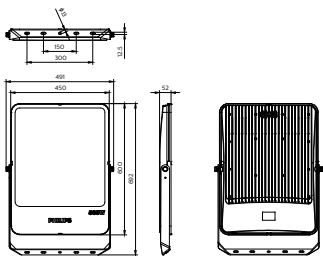
Ledinaire Floodlight BVP166  
LED360/840 PSU 300W RTP



Ledinaire Floodlight BVP166  
LED600/840 PSU 500W RTP



Dimensional drawing



Ledinaire high wattage floodlight

Product details



Ledinaire Floodlight BVP166  
LED300/840 PSU 250W Backside  
DPP



Ledinaire Floodlight BVP166  
LED480/840 PSU 400W Backside  
DPP



Ledinaire Floodlight BVP166 Detail  
Hinge DDP



Ledinaire Floodlight BVP166  
LED360/840 PSU 300W Backside  
DPP



Ledinaire Floodlight BVP166  
LED600/840 PSU 500W Backside  
DPP

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General Information	
Driver included	Yes
Lamp family code	-
Light Technical	
Luminaire light beam spread	110°
Light source colour	840 neutral white
Correlated Colour Temperature (Nom)	4000 K
Colour rendering index (CRI)	>80
Optic type outdoor	Symmetrical
Upwards light output ratio	0
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Optical cover type	Flat glass
Housing Colour	Aluminium and grey
Mech. impact protection code	IK08
Ingress protection code	IP65
Standard tilt angle side entry	-
Standard tilt angle post-top	-
Approval and Application	
CE mark	Yes
Flammability mark	For mounting on normally flammable surfaces

General Information

Order Code	Full Product Name	Number of gear units
76647199	BVP166 LED300/840 PSU 250W SWB	Unit
76649599	BVP166 LED480/840 PSU 400W SWB	2 units
76648899	BVP166 LED360/840 PSU 300W SWB	2 units
76650199	BVP166 LED600/840 PSU 500W SWB	2 units

Light Technical

Order Code	Full Product Name	Luminous Flux
76647199	BVP166 LED300/840 PSU 250W SWB	30,000 lm
76649599	BVP166 LED480/840 PSU 400W SWB	48,000 lm

Order Code	Full Product Name	Luminous Flux
76648899	BVP166 LED360/840 PSU 300W SWB	36,000 lm
76650199	BVP166 LED600/840 PSU 500W SWB	60,000 lm

Operating and Electrical

		Surge Protection (Common/ Differential)	
Order Code	Full Product Name	Power Consumption	
76647199	BVP166 LED300/840 PSU 250W SWB	250 W	4/4 kV
76649599	BVP166 LED480/840 PSU 400W SWB	400 W	6/4 kV

		Surge Protection (Common/ Differential)	
Order Code	Full Product Name	Power Consumption	
76648899	BVP166 LED360/840 PSU 300W SWB	300 W	4/4 kV
76650199	BVP166 LED600/840 PSU 500W SWB	500 W	6/4 kV

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