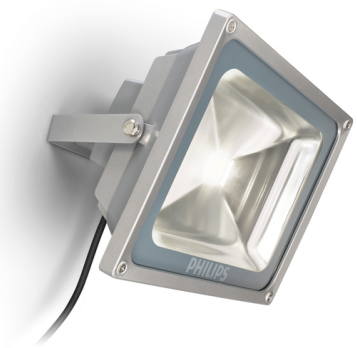
PHILIPS

Lighting



QVF LED – compact and economical floodlight

QVF LED

The QVF LED range of compact general-purpose floodlights are designed as an economical replacement for traditional halogen-lamp floodlights. The combination of high-power LEDs and a high-reflectivity optic ensures excellent light output for down- or uplighting applications. The floodlights' LED technology enables substantial energy and maintenance savings. A universal mounting bracket allows wall or surface mounting, with the possibility of tilting upwards or downwards. QVF LED floodlights can also be equipped with a combined presence/daylight sensor.

Benefits

- Reliable thermal design
- Protected against voltage surges caused by lightning
- High safety

Features

- Available in three compact versions
- Robust and durable construction
- IP65 rating
- 4 kV surge-protected
- Enhanced safety features
- Pre-wired with mains cable

Application

- Architecture and landscape lighting
- Billboard and advertising lighting
- Security, amenity and parking area lighting

Specifications

QVF LED

Type	BVP115 (small version, with or without movement detection unit)
	BVP116 (medium version, with or without movement detection unit)
	BVP117 (large version, with or without movement detection unit)
Light source	Integral LED-module
Power	BVP115: 11 W
	BVP116: 35 W
	BVP117: 54 W
Beam angle	100 x 120°
Luminous flux	BVP115: 760 lm
	BVP116: 2500 lm
	BVP117: 4050 lm
Luminaire efficacy	BVP115: 70 lm/W
	BVP116: 70 lm/W
	BVP117: 75 lm/W
Correlated Color Temperature	4000 K
Color Rendering Index	70
Maintenance of lumen output - L80	25,000 hours at 25 ºC

Operating temperature range	Floodlight: -20 to +40 ºC
	MDU (movement detection unit): -10 to +40 ºC
Driver	Integrated
Mains voltage	220-240 V AC / 50-60 Hz
Inrush current	20 A at 100 µs
Optic	Wide beam
Optical cover	Front glass, transparent
Material	Housing: die-cast aluminum, painted
	Cover: glass, thermally hardened, 4 mm thick
	Reflector: anodized aluminum
Color	Grey aluminum, RAL9007
Connection	Prewired with H05RN-F-type cable 3 x 1 mm, length: 30 cm
Installation	Wall or surface mounting
	Max adjustment from the horizontal: -90 to +90°
	Max adjustment from the horizontal: -45 to +90° (MDU versions)
	Max vertical aiming: -180 to +180°
	Max SCx: 0.08 m

Versions

Product details

Front view

Back view

Product details

Side view

Rear view

Application Conditions	
Average ambient temperature	25 °C

Approval and Application	
Mech. impact protection code	IK07
Surge Protection (Common/Differential)	4/4 kV

Controls and Dimming	
Dimmable	No

General Information	
Luminaire light beam spread	100° x 120°
Supply cable type	H05RN-3x1
CE mark	CE mark
Light source colour	740 neutral white
Optical cover/lens type	G
Driver included	Yes
ENEC mark	-
Flammability mark	NO
Glow-wire test	850/5
Light source replaceable	No
Number of gear units	1 unit
Number of light sources	1
Optic type	Wide beam

Initial Performance (IEC Compliant)	
Init. Corr. Colour Temperature	4000 K
Init. Colour Rendering Index	70

Light Technical	
Standard tilt angle side entry	0°
Standard tilt angle posttop	0°
Upward light output ratio	0

Mechanical and Housing	
Colour	Aluminum

Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	0.9 %

Operating and Electrical

Order Code	Full Product Name	Driver current
06928899	BVP116 LED25/740 WB	1000 mA
06930199	BVP115 LED8/740 WB MDU	320 mA

QVF LED

General Information

Order Code	Full Product Name	Lamp family code
06928899	BVP116 LED25/740 WB	LED25

Order Code	Full Product Name	Lamp family code
06930199	BVP115 LED8/740 WB MDU	LED8

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux
06928899	BVP116 LED25/740 WB	2500 lm

Order Code	Full Product Name	Initial luminous flux
06930199	BVP115 LED8/740 WB MDU	760 lm