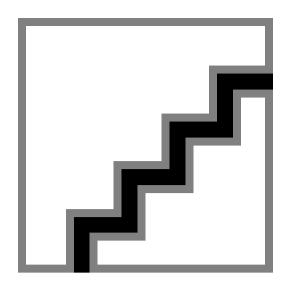
PHILIPS Lighting



QVF LED

BVP116 LED25/740 WB MDU

LED Module 2500 lm, 740 neutral white, Wide beam, Movement detection unit

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.

Product data

General Information	
Lamp family code	LED25 [LED Module 2500 lm]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Lighting Technology	LED
Glow-wire test	Temperature 850 °C, duration 5 s
Flammability mark	-
CE mark	Yes
ENEC mark	-
Warranty period	3 years
Warranty period EU RoHS compliant	3 years Yes

Light Technical	
Upward light output ratio	0
Luminous Flux	2,500 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	70 lm/W
Color rendering index (CRI)	70
Number of light sources	1
Light source color	740 neutral white
Optical cover type	Glass
Luminaire light beam spread	100° x 120°
Optic type outdoor	Wide beam
Operating and Electrical	
Input Voltage	220 to 240 V

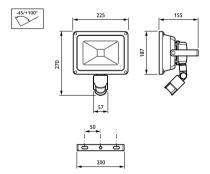
QVF LED

Line Frequency	50 to 60 Hz	Dimensions (Height x Width x Depth)
Inrush current	20 A	
Inrush time	100 ms	Approval and Application
Power Consumption	35 W	Ingress protection code
Power Factor (Fraction)	0.9	
Connection	-	Mech. impact protection code
Cable	Cable 0.75 m without plug	Surge Protection (Common/Differentia
Number of products on MCB of 16 A	type B -	Protection class IEC
Temperature		Initial Performance (IEC Complia
Ambient temperature range	-20 to +40 °C	Luminous flux tolerance
		Initial chromaticity
Controls and Dimming		Power consumption tolerance
Dimmable	No	Init. Color Rendering Index Tolerance
Driver/power unit/transformer	Power supply unit (On/Off)	
Constant light output	No	Over Time Performance (IEC Con
		Driver failure rate at 5000 h
Mechanical and Housing		
Housing Material	Aluminum	Product Data
Reflector material	Aluminum	Order product name
Optic material	Aluminum	Full product name
Optical cover material	Tempered glass	Full product code
Fixation material	Steel	Order code
Housing Color	Aluminum	Material Nr. (12NC)
Mounting device	Wall-mounting bracket	Numerator - Quantity Per Pack
Optical cover shape	Flat	EAN/UPC - Product/Case
Optical cover finish	Clear	Numerator - Packs per outer box
Overall length	225 mm	EAN/UPC - Case
Overall width	187 mm	
Overall height	128 mm	
Effective projected area	0.05 m²	

Approval and Application		
Ingress protection code	IP54 [Dust accumulation-protected, splash-	
	proof]	
Mech. impact protection code	IK07 [2 J reinforced]	
Surge Protection (Common/Differential)	4/4 kV	
Protection class IEC	Safety class I	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.381, 0.381) SDCM< 5	
Power consumption tolerance	+/-10%	
Init. Color Rendering Index Tolerance	+/-2	
Over Time Performance (IEC Compliant)		
Driver failure rate at 5000 h	0.9 %	
Product Data		
Order product name	BVP116 LED25/740 WB MDU	
Full product name	BVP116 LED25/740 WB MDU	
Full product code	871869606931899	
Order code	910503910068	
Material Nr. (12NC)	910503910068	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696069318	
Numerator - Packs per outer box	4	
EAN/UPC - Case	8718696324325	

128 x 187 x 225 mm

Dimensional drawing



QVF LED



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www.lighting.philips.com 2023, September 4 - data subject to change