



# 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                              |
| Embedded control         | Movement detection unit          |
| CE mark                  | Yes                              |
| Warranty period          | 3 years                          |
| Flammability mark        | -                                |
| ENEC mark                | -                                |
| Glow-wire test           | Temperature 850 °C, duration 5 s |
| EU RoHS compliant        | Yes                              |

| Light Technical                    |                   |
|------------------------------------|-------------------|
| Upward light output ratio          | 0                 |
| Luminous Flux                      | 2,500 lm          |
| Standard tilt angle posttop        | 0°                |
| 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               |
| Inrush current                             | 20 A                      |
| Inrush time                                | 100 ms                    |
| Power Consumption                          | 35 W                      |
| Power Factor (Fraction)                    | 0.9                       |
| Connection                                 | -                         |
| Cable                                      | Cable 0.75 m without plug |
| Number of products on MCB of 16 A type B - |                           |

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         | Aluminum              |
| Reflector material       | Aluminum              |
| Optic material           | Aluminum              |
| Optical cover material   | Tempered glass        |
| Fixation material        | Steel                 |
| Housing Color            | Aluminum              |
| Mounting device          | Wall-mounting bracket |
| Optical cover shape      | Flat                  |
| Optical cover finish     | Clear                 |
| Overall length           | 225 mm                |
| Overall width            | 187 mm                |
| Overall height           | 128 mm                |
| Effective projected area | 0.05 m²               |

|                                     |                    |
|-------------------------------------|--------------------|
| Dimensions (Height x Width x Depth) | 128 x 187 x 225 mm |
|-------------------------------------|--------------------|

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                      | 06931899                |
| Material Nr. (12NC)             | 910503910068            |
| Numerator - Quantity Per Pack   | 1                       |
| EAN/UPC - Product/Case          | 8718696069318           |
| Numerator - Packs per outer box | 4                       |
| EAN/UPC - Case                  | 8718696324325           |

Dimensional drawing



