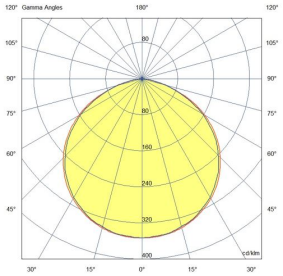
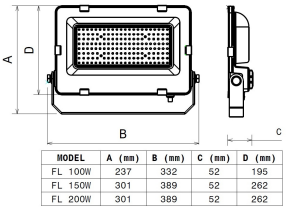
# BRAVO-FL FLOODLIGHT 200W SYMMETRICAL OPTICS 120° IP65

**SERIES BRAVO FLOODLIGHT**
**CODE BVFE1840SB**






| MODEL | A (mm) | B (mm) | C (mm) | D (mm) |
|---|---|---|---|---|
| FL 100W | 237 | 332 | 52 | 195 |
| FL 150W | 301 | 389 | 52 | 262 |
| FL 200W | 301 | 389 | 52 | 262 |

## Datasheet

### Lighting characteristics

| | |
|---|---|
| Output flux | 24,000 lm |
| Luminous flux (TJ=25°C) | 28,800 lm |
| Luminaire power | 200 W |
| Output efficiency | 120 lm/W |
| Color temperature | 4000K |
| Optics type | Ultra bright aluminium reflector |
| Optics | Symmetric wide |
| CRI | CRI 80 |
| Color shift | 5 MacAdam Step |
| Photobiological risk EN 62471 | RG0 - Exempt Group |
| Flicker free | < 3% |
| Life time | L80 @50.000h Tq=25°c |

### Mechanical characteristics

| | |
|---|---|
| Manufacturing material | Aluminum alloy |
| Surface finishing | POLYESTER PAINT STANDARD |
| Colour | Black |
| Diffuser type | Extraclear tempered glass 4 mm |
| IP Protection degree | IP65 |
| Shock resistance | IK08 according to IEC/EN 62262 |
| Corrosivity category | Equivalent to C2(M) (ISO 12944) |
| Mounting system | Adjustable bracket -135°+135° |
| Net Weight | 3.415 KG |
| Working Environment Temp. | Min: -20°C ;Max: +50°C |
| Warehousing Temperature | Min: -40°C ;Max: +70°C |

### Electrical characteristics

| | |
|---|---|
| Insulation Class | I |
| Supply Voltage | 100-277V AC 50/60Hz |
| Control system/dimming | Standard on-off |
| Surge protection | 4kV mode com. 4kV mode diff. |
| Power factor | >0,95 |
| Hole type | V099 |
| Max conductor section | 1 mm² |
| Tightening diameter | - |

### Reference Standards and Directives

| | |
|---|---|
| Warranty | 2 years extendable to 5 |
| Certification and approval marks | UKCA, CE |
| Directives | 2009/125/EC (ERP), 2011/65/EU (RoHS), 2012/19/EU (WEEE), 2014/30/EU (EMC), 2014/35/EU (LVD), Reg. EU 2019/2020 (EcoDesign) |
| Reference Standards | EN 55015:2013, EN 60598-1:2015, EN 60598 -1:2015/A1:2018, EN 60598-1:2015/AC:2015, EN 60598-1:2015/AC:2016, EN 60598 -1:2015/AC:2017, EN 60598-2-1:1989, EN 60598-2-5:2015, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61547:2009, EN 62311:2008, EN 62471:2008, EN 62493:2015, EN IEC 63000:2018, IEC TR 62778:2014 |

The images are purely indicative. The indicated values of luminous flux and declared power have tolerances of +/- 10%. Lewden reserves the right to make changes without notice.

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