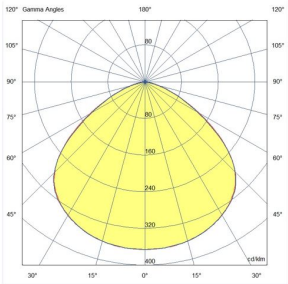
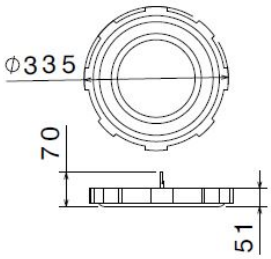
**BRAVO-HB HIGH BAY 190W OPTICS 90° IP65**

**SERIES BRAVO**
**HIGH BAY**
**CODE BVHC9840SC**




## Datasheet

### Lighting characteristics

| | |
|---|---|
| Output flux | 25,650 lm |
| Luminous flux (TJ=25°C) | 29,880 lm |
| Luminaire power | 190 W |
| Output efficiency | 135 lm/W |
| Color temperature | 4000K |
| Optics type | Multilenses with circular refractors |
| Optics | Symmetric wide |
| 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 | Silver |
| Diffuser type | UV stabilized polycarbonate |
| IP Protection degree | IP65 |
| Shock resistance | IK08 according to IEC/EN 62262 |
| Corrosivity category | Equivalent to C2 (ISO 12944) |
| Mounting system | Quick hook for chain |
| Net Weight | 2.35 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 | 110-240V 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 $mm^2$ |
| 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 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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