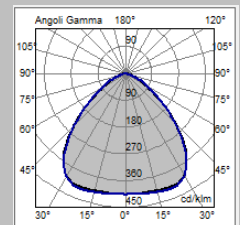


| <b>GH</b>                              |   |
|--|---|
| <b>MAIN CHARACTERISTICS</b>            |   |
| <b>Applications</b>                    | Indoor lighting   |
| <b>Optic</b>                           | LB-M: Symmetrical optic, specific for indoor lighting (medium emission).<br>Colour temperature: 4000K (3000K optional)   CRI ≥ 80<br>Photobiological safety class: EXEMPT GROUP |
| <b>Insulation class</b>                | I   |
| <b>Protection degree</b>               | IP40  |
| <b>Dimensions</b>                      | See the drawing   |
| <b>Weight</b>                          | 3.8kg   |
| <b>Mounting</b>                        | Ceiling, wall, suspended by universal fixing accessories.<br>Available fixing upper bars: L.1.52m or 3.04m. (see flux table)  |
| <b>Operating temp</b>                  | -25°C ÷ +35°C   |
| <b>Main reference standards</b>        | EN 60598-1, EN 60598-2-1, EN 60598-2-24, EN 62471,<br>EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3, EN 62493  |
|  |   |
| <b>ELECTRICAL CHARACTERISTICS</b>      |   |
| <b>Rated voltage</b>                   | 220÷240V 50/60Hz<br>(Standard tolerance +/-10%, other voltages and tolerances upon request)   |
| <b>Power factor</b>                    | >0,9 (at full load)   |
| <b>Mains connection</b>                | Branch wiring with 3x2.5mm <sup>2</sup> terminal block  |
| <b>Control system (options)</b>        | F: Fixed power not dimmable.<br>DALI: Digital dimming interface DALI.   |
| <b>Optical unit lifetime (Tq=25°C)</b> | >100.000hr L80B50<br>>100.000hr L80, TM-21  |
| <b>MATERIALS</b>                       |   |
| <b>Fixing</b>                          | Stainless steel.  |
| <b>Body</b>                            | Extruded aluminum. Powder painted.  |
| <b>Optic</b>                           | 99.85% aluminum with a surface finish in 99.95% with vacuum-sealed deposition.<br>Aluminum grade class A+ (DIN EN 16268)  |
| <b>Screen</b>                          | PMMA  |
| <b>Cable gland</b>                     | Membrane cable entry for cables up to Ø13mm.  |
| <b>Colour</b>                          | White - RAL9003   |



LB-M Optic

All the published photometrical data has been obtained according to EN 13032-1

**4000K**

| LUMINAIRE              | OPTIC | RATED LUMINAIRE FLUX<br>(Tq=25°C, 4000K, lm) | RATED LUMINAIRE POWER<br>(Tq=25°C, Vin=230Vac, W) | LUMINAIRE EFFICACY<br>(Tq=25°C, lm/W) | LUMINAIRE LENGTH<br>(mm) |
|------------------------|-------|--|---|---------------------------------------|--------------------------|
| GH 0Q14 LB-M 840-2000  | LB-M  | 2510   | 17  | 147                                   | 1520                     |
| GH 0Q14 LB-M 840-2500  |       | 2990   | 21  | 142                                   | 1520                     |
| GH 0Q28 LB-M 840-5000  |       | 5840   | 42  | 139                                   | 1520                     |
| GH 0Q28 LB-M 840-10000 |       | 11680  | 84  | 139                                   | 1520                     |
| GH 0Q42 LB-M 840-6000  |       | 7320   | 50,5  | 144                                   | 1520                     |
| GH 0Q42 LB-M 840-7000  |       | 8700   | 62  | 140                                   | 3040                     |
| GH 0Q42 LB-M 840-15000 |       | 17400  | 124   | 140                                   | 3040                     |

**3000K**

| LUMINAIRE              | OPTIC | RATED LUMINAIRE FLUX<br>(Tq=25°C, 3000K, lm) | RATED LUMINAIRE POWER<br>(Tq=25°C, Vin=230Vac, W) | LUMINAIRE EFFICACY<br>(Tq=25°C, lm/W) | LUMINAIRE LENGTH<br>(mm) |
|------------------------|-------|--|---|---------------------------------------|--------------------------|
| GH 0Q14 LB-M 830-2000  | LB-M  | 2380   | 17  | 140                                   | 1520                     |
| GH 0Q14 LB-M 830-2500  |       | 2840   | 21  | 135                                   | 1520                     |
| GH 0Q28 LB-M 830-5000  |       | 5540   | 42  | 131                                   | 1520                     |
| GH 0Q28 LB-M 830-10000 |       | 11080  | 84  | 131                                   | 1520                     |
| GH 0Q42 LB-M 830-6000  |       | 6940   | 50,5  | 137                                   | 1520                     |
| GH 0Q42 LB-M 830-7000  |       | 8250   | 62  | 133                                   | 3040                     |
| GH 0Q42 LB-M 830-15000 |       | 16510  | 124   | 133                                   | 3040                     |

Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±10%.  
The characteristics of the product listed above are subjected to change without notice.

**FIXING DETAIL**

