

# FACTOR LED HB 2M 58000LM 840 45D IP66 (434W)

DETAILED CARD



## TECHNICAL PARAMETERS

|   |        |
|---|--------|
| <b>Index:</b>                             | 994401 |
| <b>Ingress protection:</b>                | IP66   |
| <b>Impact resistance:</b>                 | IK09   |
| <b>Rated power of the luminaire [W]*:</b> | 434    |
| <b>Luminous flux [lm]*:</b>               | 58000  |
| <b>Colour temperature [K]:</b>            | 4000   |
| <b>Colour rendering index:</b>            | >80    |
| <b>SDCM:</b>                              | ≤ 3    |
| <b>Electrical protection class:</b>       | I      |
| <b>Energy efficiency class:</b>           | D      |

## CHARACTERISTICS

Factor Led HB is the latest generation high bay with high power and high luminous flux. It is characterized not only by very high luminous efficiency, but also by high tightness IP66 and impact resistance IK09. These parameters have been achieved thanks to the use of branded components, a solid housing made of cast aluminum and the use of a passive lamp cooling system, which allows the excess heat generated during lamp operation to be released. The advantage of Factor Led is very quick and simple suspended or surface mounting. The design allows you to hang or mount a lamp consisting of one or two light modules.

## APPLICATION

Very good tightness and impact resistance parameters, the ability to work at elevated temperatures - up to 45°C as standard, and an extensive distribution offer give a lot of flexibility in choosing the optimal solution. Factor LED HB will be used and will work great inside industrial halls, warehouses, sports halls, in logistics and exhibition centers and in workshops.

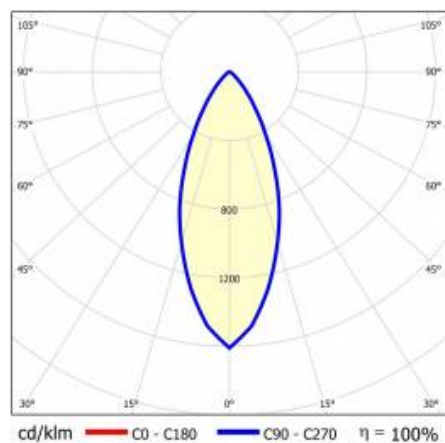
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## TECHNICAL PARAMETERS TABLE

|                                   |               |                                |                              |
|-----------------------------------|---------------|--------------------------------|------------------------------|
| Index:                            | 994401        | Colour of the body:            | RAL7016                      |
| EAN:                              | 5905963994401 | Dimensions (H/W/T/S) [mm]:     | 387/397/125                  |
| Rated power of the luminaire [W]: | 434           | Impact resistance:             | IK09                         |
| Luminous flux [lm]:               | 58000         | Ingress protection:            | IP66                         |
| Supply voltage [V]:               | 220-240       | Mounting version:              | surface-mounted or suspended |
| Luminous efficacy [lm/W]:         | 134           | Working temperature [°C]:      | from -40 to +45              |
| Energy efficiency class:          | D             | Dimensions of single box [mm]: | 430/410/175                  |
| Electrical protection class:      | I             | Number on the palette [pcs]:   | 18                           |
| Colour temperature [K]:           | 4000          | Net weight [kg]:               | 8.776                        |
| Colour rendering index:           | >80           | Light distribution type:       | symmetric                    |
| SDCM:                             | ≤ 3           | Version:                       | 2 modules                    |
| Power factor:                     | 0.98          | LED lifespan L70B50 [h]:       | 156000                       |
| Beam angle [°]:                   | 45            | LED lifespan L80B20 [h]:       | 98000                        |
| Surge protection [kV]:            | 6             | LED lifespan L90B10 [h]:       | 47000                        |
| Diffuser material:                | PC            | Warranty [years]:              | 5                            |
| Diffuser type:                    | matrix led    | CE certificate:                | <a href="#">263/2023</a>     |
| Material of the body:             | aluminium     | Manual:                        | <a href="#">Download PDF</a> |

## LIGHT CURVES



Card creation date: 29 July 2024

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. \* Parameter tolerance is +/- 10%



This product is a subject to electric and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 263/2023



Lena Lighting S.A.  
ul. Kórnicka 52, 63-000 Środa Wielkopolska  
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: [hello@lenalighting.pl](mailto:hello@lenalighting.pl), [www.lenalighting.pl](http://www.lenalighting.pl)