# FACTOR LED HB 1M 37100LM 840 45D IP66 (281W)

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 994029 |
| **Ingress protection:** | IP66 |
| **Impact resistance:** | IK09 |
| **Rated power of the luminaire [W]*:** | 281 |
| **Luminous flux [lm]*:** | 37100 |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Electrical protection class:** | I |
| **Energy efficiency class:** | 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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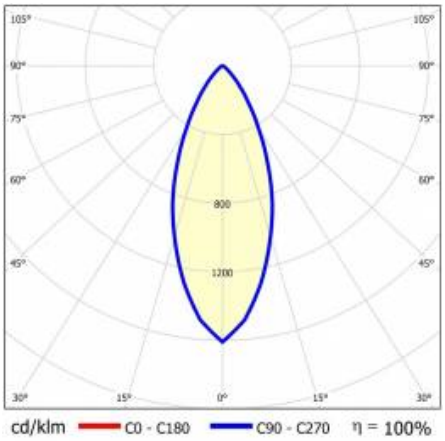
DETAILED CARD

## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Index:** | 994029 |
| **EAN:** | 5905963994029 |
| **Rated power of the luminaire [W]:** | 281 |
| **Luminous flux [lm]:** | 37100 |
| **Supply voltage [V]:** | 220 - 240 |
| **Luminous efficacy [lm/W]:** | 132 |
| **Energy efficiency class:** | D |
| **Electrical protection class:** | I |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **Frequency [Hz]:** | 47 - 63 |
| **SDCM:** | 3 |
| **Power factor:** | 0.98 |
| **Beam angle [°]:** | 45 |
| **Surge protection [kV]:** | 6 |
| **Diffuser material:** | PC |
| **Diffuser type:** | matrix led |
| **Material of the body:** | aluminium |
| **Colour of the body:** | RAL7016 |
| **Dimensions (H/W/T/S) [mm]:** | 191/397/125 |

| | |
|---|---|
| **Impact resistance:** | IK09 |
| **Ingress protection:** | IP66 |
| **Mounting version:** | surface-mounted or suspended |
| **Working temperature [°C]:** | from -40 to +35 |
| **Dimensions of single box [mm]:** | 430/200/185 |
| **Number on the palette [pcs]:** | 35 |
| **Net weight [kg]:** | 4.420 |
| **Light distribution type:** | symmetric |
| **Version:** | 1 module |
| **LED lifespan L70B50 [h]:** | 156000 |
| **LED lifespan L80B10 [h]:** | 98000 |
| **LED lifespan L90B10 [h]:** | 47000 |
| **Additional accessories:** | RCR module, NT holder |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 263/2023 |
| **ENEC Certificate:** | 0404/ENEC/25 |
| **Environmental Product Declaration (EPD):** | 816/2025 |
| **Manual:** | Download PDF |
| **Plik LDT:** | Download |

## LIGHT CURVES

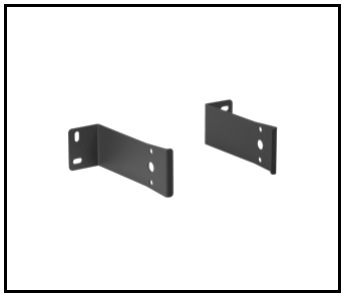


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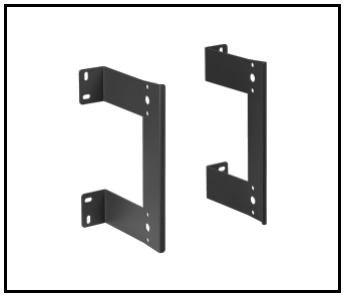
DETAILED CARD

## ACCESSORIES AVAILABLE

| index | Name |
|---|---|
| 987984 | FACTOR LED HB surface mount single 1M |
| 987991 | FACTOR LED HB surface mount bracket double 2M |



FACTOR LED HB surface mount single 1M (987984)



FACTOR LED HB surface mount bracket double 2M (987991)



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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 263/2023

LENA LIGHTING

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