

# FACTOR LED HB 1M 29000LM 740 120D IP66 SH (233W)

## DETAILED CARD



### TECHNICAL PARAMETERS

|                                    |        |
|------------------------------------|--------|
| Index:                             | 993664 |
| Ingress protection:                | IP66   |
| Impact resistance:                 | IK09   |
| Rated power of the luminaire [W]*: | 233    |
| Luminous flux [lm]*:               | 29000  |
| Colour temperature [K]:            | 4000   |
| Colour rendering index:            | 70     |
| SDCM:                              | ≤ 5    |
| 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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## TECHNICAL PARAMETERS TABLE

|                                   |                |  |                              |
|-----------------------------------|----------------|--|------------------------------|
| Index:                            | 993664         | Impact resistance:                       | IK09                         |
| EAN:                              | 5905963993664  | Ingress protection:                      | IP66                         |
| Rated power of the luminaire [W]: | 233            | Mounting version:                        | surface-mounted or suspended |
| Luminous flux [lm]:               | 29000          | Working temperature [°C]:                | from -40 to +45              |
| Supply voltage [V]:               | 220-240        | Dimensions of single box [mm]:           | 430/200/185                  |
| Luminous efficacy [lm/W]:         | 124            | Number on the palette [pcs]:             | 35                           |
| Energy efficiency class:          | D              | Net weight [kg]:                         | 4.574                        |
| Electrical protection class:      | I              | Light distribution type:                 | symmetric                    |
| Colour temperature [K]:           | 4000           | Version:                                 | 1 module                     |
| Colour rendering index:           | 70             | LED lifespan L70B50 [h]:                 | 156000                       |
| SDCM:                             | ≤ 5            | LED lifespan L80B20 [h]:                 | 98000                        |
| Power factor:                     | 0.98           | LED lifespan L90B10 [h]:                 | 47000                        |
| Beam angle [°]:                   | 120            | Warranty [years]:                        | 5                            |
| Surge protection [kV]:            | 6              | CE certificate:                          | <a href="#">263/2023</a>     |
| Diffuser material:                | tempered glass | ENEC Certificate:                        | <a href="#">0404/ENEC/25</a> |
| Diffuser type:                    | transparent    | Environmental Product Declaration (EPD): | <a href="#">816/2025</a>     |
| Material of the body:             | aluminium      | Manual:                                  | <a href="#">Download PDF</a> |
| Colour of the body:               | RAL7016        | Plik LDT:                                | <a href="#">Download</a>     |
| Dimensions (H/W/T/S) [mm]:        | 191/397/125    |  |                              |

## LIGHT CURVES



# FACTOR LED HB 1M 29000LM 740 120D IP66 SH (233W)

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## 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)

Card creation date:10 July 2025  
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