# FACTOR LED HB 1M 29400LM 840 90D DALI IP66 (217W) C5-M

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 682919 |
| **Ingress protection:** | IP66 |
| **Impact resistance:** | IK09 |
| **Rated power of the luminaire [W]*:** | 217 |
| **Luminous flux [lm]*:** | 29400 |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Electrical protection class:** | I |
| **Energy efficiency class:** | D |

## CHARACTERISTICS

Factor Led HB C5-M (corrosion protection in harsh industrial and marine environments) is the latest generation of high bay with high power and high lumen output. It is characterised not only by very high luminous efficacy, but also by high IP66 sealing and IK09 impact resistance. These parameters are achieved thanks to the branded components used, the robust housing made of cast aluminium LM-6 (aluminium-silicon alloy) and the use of a passive lamp cooling system, which allows excess heat generation to be dissipated during lamp operation. In the C5-M version, the paint coating plays an even more important role. The Factor Led has the advantage of being very quickly and easily suspended or surface-mounted. The design allows the hanging or mounting of a lamp consisting of one or two light modules.

## APPLICATION

Ports, wharves, shipyards, oil rigs and offshore infrastructure, chemical industry and refineries, bridges and infrastructure exposed to marine conditions, lighting on ships and ferries, industrial areas, playing fields, airports, car parks with high humidity and salinity.

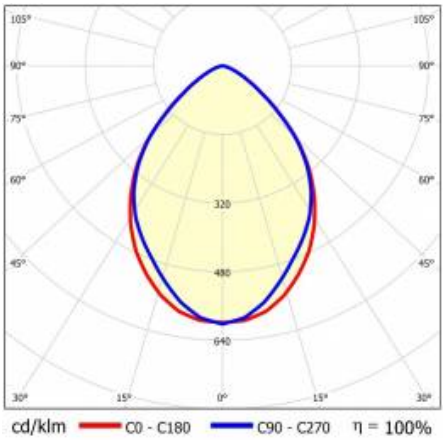
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## TECHNICAL PARAMETERS TABLE

| | | | |
|---|---|---|---|
| **Index:** | 682919 | **Colour of the body:** | RAL7016 |
| **EAN:** | 5905963682919 | **Dimensions (H/W/T/S) [mm]:** | 191/397/125 |
| **Rated power of the luminaire [W]:** | 217 | **Mounting dimensions [mm]:** | 357/77 |
| **Luminous flux [lm]:** | 29400 | **Impact resistance:** | IK09 |
| **Supply voltage [V]:** | 220-240 | **Ingress protection:** | IP66 |
| **Luminous efficacy [lm/W]:** | 135 | **Mounting version:** | surface-mounted or suspended |
| **Energy efficiency class:** | D | **Working temperature [°C]:** | from -40 to +45 |
| **Electrical protection class:** | I | **DIMM DALI:** | yes |
| **Colour temperature [K]:** | 4000 | **Dimensions of single box [mm]:** | 430 |
| **Color rendering index (Ra) >:** | 80 | **Number on the palette [pcs]:** | 35 |
| **SDCM:** | 3 | **Net weight [kg]:** | 4.420 |
| **Power factor:** | 0.98 | **Version:** | 1 module |
| **LED lifespan L70B50 [h]:** | 156000 | **Corrosivity category:** | C5-M |
| **LED lifespan L80B10 [h]:** | 98000 | **Warranty [years]:** | 5 |
| **LED lifespan L90B10 [h]:** | 47000 | **CE certificate:** | 263/2023 |
| **Beam angle [°]:** | 90 | **ENEC Certificate:** | 0404/ENEC/25 |
| **Surge protection [kV]:** | 6 | **Environmental Product Declaration (EPD):** | 816/2025 |
| **Diffuser material:** | PC | **Manual:** | Download PDF |
| **Diffuser type:** | matrix led | **Plik LDT:** | Download |
| **Material of the body:** | aluminium | | |

## LIGHT CURVES




Card creation date: 19 February 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

LENA LIGHTING
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, www.lenalighting.pl