FACTOR LED HB 1M 37700LM 840 90D IP66 (281W) C5-M

DETAILED CARD



TECHNICAL PARAMETERS

Index:	682933
Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	281
Luminous flux [lm]*:	37700
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.

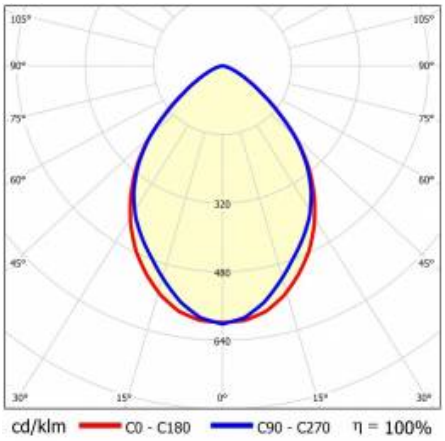
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TECHNICAL PARAMETERS TABLE

Index:	682933	**Material of the body:**	aluminium
EAN:	5905963682933	**Colour of the body:**	RAL7016
Rated power of the luminaire [W]:	281	**Dimensions (H/W/T/S) [mm]:**	191/397/125
Luminous flux [lm]:	37700	**Mounting dimensions [mm]:**	357/77
Supply voltage [V]:	220 - 240	**Impact resistance:**	IK09
Frequency [Hz]:	47 - 63	**Ingress protection:**	IP66
Luminous efficacy [lm/W]:	134	**Mounting version:**	surface-mounted or suspended
Energy efficiency class:	D	**Working temperature [°C]:**	from -40 to +35
Electrical protection class:	I	**Dimensions of single box [mm]:**	430
Colour temperature [K]:	4000	**Number on the palette [pcs]:**	35
Color rendering index (Ra) >:	80	**Net weight [kg]:**	4.420
SDCM:	3	**Version:**	1 module
Power factor:	0.98	**Additional accessories:**	RCR module, NT holder
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

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

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