FACTOR LED HB 1M 16000LM 840 90D IP66 (101W) C5-M

DETAILED CARD



TECHNICAL PARAMETERS

Index:	682858
Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	101
Luminous flux [lm]*:	16000
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Electrical protection class:	I
Energy efficiency class:	B

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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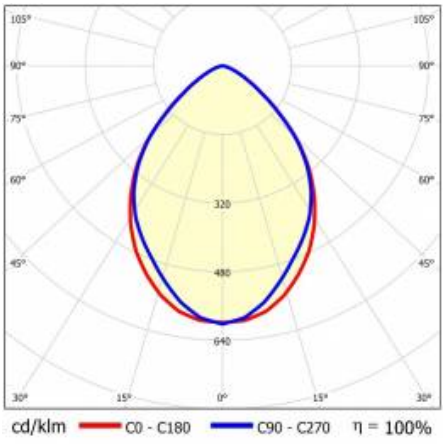
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	682858
EAN:	5905963682858
Rated power of the luminaire [W]:	101
Luminous flux [lm]:	16000
Supply voltage [V]:	220-240
Luminous efficacy [lm/W]:	158
Energy efficiency class:	B
Electrical protection class:	I
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.98
LED lifespan L70B50 [h]:	156000
LED lifespan L80B10 [h]:	98000
LED lifespan L90B10 [h]:	47000
Beam angle [°]:	90
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
Mounting dimensions [mm]:	357/77
Impact resistance:	IK09
Ingress protection:	IP66
Mounting version:	surface-mounted or suspended
Working temperature [°C]:	from -40 to +45
Dimensions of single box [mm]:	430
Number on the palette [pcs]:	35
Net weight [kg]:	4.270
Version:	1 module
Corrosivity category:	C5-M
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



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

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