FACTOR LED HB 2M 58800LM 840 90D DALI IP66 (434W) C5-M

DETAILED CARD



TECHNICAL PARAMETERS

Index:	683015
Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	434
Luminous flux [lm]*:	58800
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.

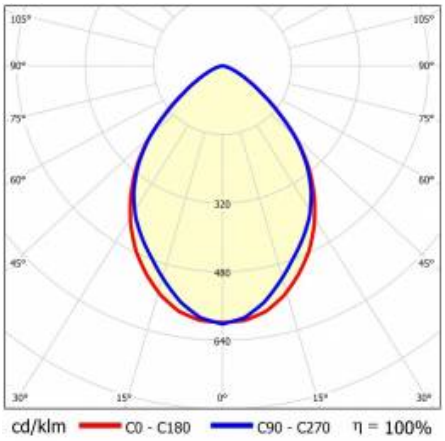
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TECHNICAL PARAMETERS TABLE

Index:	683015	**Colour of the body:**	RAL7016
EAN:	5905963683015	**Dimensions (H/W/T/S) [mm]:**	387/397/125
Rated power of the luminaire [W]:	434	**Mounting dimensions [mm]:**	357/273
Luminous flux [lm]:	58800	**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	**The number of implement units:**	2
Color rendering index (Ra) >:	80	**Dimensions of single box [mm]:**	430
SDCM:	3	**Number on the palette [pcs]:**	18
Power factor:	0.98	**Net weight [kg]:**	9.760
LED lifespan L70B50 [h]:	156000	**Version:**	2 modules
LED lifespan L80B10 [h]:	98000	**Corrosivity category:**	C5-M
LED lifespan L90B10 [h]:	47000	**Warranty [years]:**	5
Beam angle [°]:	90	**CE certificate:**	263/2023
Surge protection [kV]:	6	**ENEC Certificate:**	0404/ENEC/25
Diffuser material:	PC	**Environmental Product Declaration (EPD):**	816/2025
Diffuser type:	matrix led	**Manual:**	Download PDF
Material of the body:	aluminium	**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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