# 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
Colour rendering index:	80
SDCM:	≤3
Electrical protection class:	1
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.



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

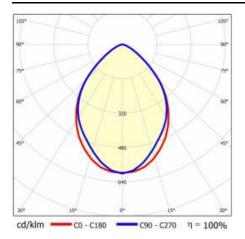
**DETAILED CARD** 

#### **TECHNICAL PARAMETERS TABLE**

Index:	682933
EAN:	5905963682933
Rated power of the luminaire [W]:	281
Luminous flux [lm]:	37700
Supply voltage [V]:	220 - 240
Frequency [Hz]:	47 - 63
Luminous efficacy [lm/W]:	134
Energy efficiency class:	D
Electrical protection class:	1
Colour temperature [K]:	4000
Colour rendering index:	80
SDCM:	≤3
Power factor:	0.98
LED lifespan L70B50 [h]:	156000
LED lifespan L80B20 [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 +35
Dimensions of single box [mm]:	430
Number on the palette [pcs]:	35
Net weight [kg]:	4.420
Version:	1 module
Additional accessories:	RCR module, NT holder
Corrosivity category:	C5-M
Warranty [years]:	5
CE certificate:	<u>263/2023</u>
ENEC Certificate:	0404/ENEC/25
Environmental Product Declaration (EPD):	816/2025
Manual:	Download PDF

#### **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%

