

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

## DETAILED CARD



### TECHNICAL PARAMETERS

Index:	683022
Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	434
Luminous flux [lm]*:	58800
Colour temperature [K]:	4000
Colour rendering index:	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.

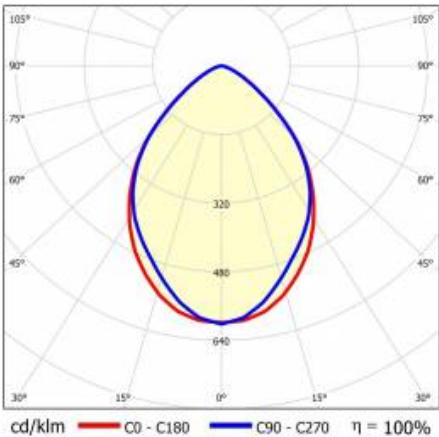
# FACTOR LED HB 2M 58800LM 840 90D IP66 (434W) C5-M

DETAILED CARD

## TECHNICAL PARAMETERS TABLE

Index:	683022	Material of the body:	aluminium
EAN:	5905963683022	Colour of the body:	RAL7016
Rated power of the luminaire [W]:	434	Dimensions (H/W/T/S) [mm]:	387/397/125
Luminous flux [lm]:	58800	Mounting dimensions [mm]:	357/273
Supply voltage [V]:	220-240	Impact resistance:	IK09
Luminous efficacy [lm/W]:	135	Ingress protection:	IP66
Energy efficiency class:	D	Mounting version:	surface-mounted or suspended
Electrical protection class:	I	Working temperature [°C]:	from -40 to +45
Colour temperature [K]:	4000	Dimensions of single box [mm]:	430
Colour rendering index:	80	Number on the palette [pcs]:	18
SDCM:	≤ 3	Net weight [kg]:	8.780
Power factor:	0.98	Version:	2 modules
LED lifespan L70B50 [h]:	156000	Corrosivity category:	C5-M
LED lifespan L80B20 [h]:	98000	Warranty [years]:	5
LED lifespan L90B10 [h]:	47000	CE certificate:	<a href="#">263/2023</a>
Beam angle [°]:	90	ENEC Certificate:	<a href="#">0404/ENEC/25</a>
Surge protection [kV]:	6	Environmental Product Declaration (EPD):	<a href="#">816/2025</a>
Diffuser material:	PC	Manual:	<a href="#">Download PDF</a>
Diffuser type:	matrix led		

## 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 and electronic 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](mailto:hello@lenalighting.pl), [www.lenalighting.pl](http://www.lenalighting.pl)