

# FACTOR LED 1M 29000LM 740 120D DALI IP66 SH (233W) C5-M

DETAILED CARD



## TECHNICAL PARAMETERS

Index:	683046
Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	233
Luminous flux [lm]*:	29000
Colour temperature [K]:	4000
Colour rendering index:	70
SDCM:	≤ 5
Electrical protection class:	I
Energy efficiency class:	D

## CHARACTERISTICS

Factor Led C5-M (corrosion protection in harsh industrial and marine environments) is the latest generation of high-powered floodlight with impressive lumen output. It is characterised not only by very high luminous efficiency, but also by high IP66 sealing and IK09 impact resistance. These parameters were 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 quick and easy to install. The lightweight steel arm is attached to the supporting structure (wall, column) and then the light modules are plugged in. On one bracket, the installer can plug in a lamp containing 1 to 4 such 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:	683046	Material of the body:	aluminium
EAN:	5905963683046	Colour of the body:	RAL7016
Light source:	LED module	Dimensions (H/W/T/S) [mm]:	191/425/217
Rated power of the luminaire [W]:	233	Mounting dimensions [mm]:	230
Luminous flux [lm]:	29000	Impact resistance:	IK09
Supply voltage [V]:	100-277	Ingress protection:	IP66
Frequency [Hz]:	47-63	Mounting version:	top
Luminous efficacy [lm/W]:	124	Working temperature [°C]:	from -40 to +45
Energy efficiency class:	D	DIMM DALI:	yes
Electrical protection class:	I	Dimensions of single box [mm]:	430
Colour temperature [K]:	4000	Number on the palette [pcs]:	35
Colour rendering index:	70	Net weight [kg]:	5.590
SDCM:	≤ 5	Version:	1 module
Power factor:	0.97	Light distribution type:	symmetric
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="#">262/2023</a>
Beam angle [°]:	120	ENEC Certificate:	<a href="#">0404/ENEC/25</a>
Surge protection [kV]:	6	Environmental Product Declaration (EPD):	<a href="#">816/2025</a>
Diffuser material:	tempered glass	Manual:	<a href="#">Download PDF</a>

## 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: 262/2023



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