FACTOR LED 4M 116000LM 740 120D DALI IP66 SH (932W) C5-M

DETAILED CARD

TECHNICAL PARAMETERS

Index:	682674
Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	932
Luminous flux [lm]*:	116000
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.

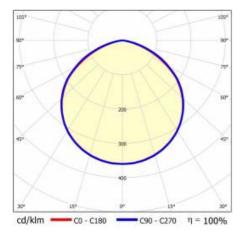# FACTOR LED 4M 116000LM 740 120D DALI IP66 SH (932W) C5-M

DETAILED CARD

TECHNICAL PARAMETERS TABLE

Rated power of the luminaire [W]:	932	LED lifespan L90B10 [h]:	47000
Index:	682674	Surge protection [kV]:	6
EAN:	5905963682674	Dimensions (H/W/T/S) [mm]:	774/425/340
Luminous flux [lm]:	116000	Material of the body:	aluminium
Light source:	LED module	Colour of the body:	RAL7016
Beam angle [°]:	120	Mounting dimensions [mm]:	310
Diffuser material:	tempered glass	Impact resistance:	IK09
Version:	4 modules	Ingress protection:	IP66
Supply voltage [V]:	100-277	Mounting version:	top
Frequency [Hz]:	47-63	Working temperature [°C]:	from -40 to +45
Luminous efficacy [lm/W]:	124	The number of implement units:	4
Energy efficiency class:	D	Dimensions of single box [mm]:	430
Electrical protection class:	I	Number on the palette [pcs]:	18
Colour temperature [K]:	4000	Net weight [kg]:	23.400
Colour rendering index:	>70	Light distribution type:	symmetric
SDCM:	≤ 5	Corrosivity category:	C5-M
Power factor:	0.97	Warranty [years]:	5
LED lifespan L70B50 [h]:	156000	CE certificate:	262/2023
DIMM DALI:	yes	ENEC Certificate:	0404/ENEC/25
LED lifespan L80B20 [h]:	98000	Manual:	Download PDF

LIGHT CURVES

cd/klm   C0 - C180   C90 - C270   η = 100%

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