FACTOR LED 1M 16000LM 840 90D IP66 (101W) C5-M

DETAILED CARD

TECHNICAL PARAMETERS

Index:	682001
Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	101
Luminous flux [lm]*:	16000
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Electrical protection class:	I
Energy efficiency class:	B

CHARACTERISTICS

Factor Led C5-M (very high corrosivity, marine and industrial 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

Very good sealing and impact resistance parameters, the ability to operate at elevated temperatures - up to 45˚C as standard - and an extensive range of beam patterns predispose Factor Led lamps for use in difficult weather conditions. It can be used and performs excellently both inside industrial halls, warehouses, sports halls, logistics centres and outdoors - on sports pitches, airports, car parks, manoeuvring areas. It can also illuminate the facades of buildings and external architectural elements.

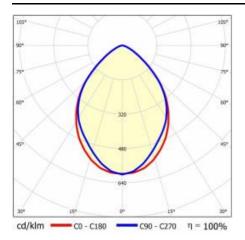## DETAILS

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DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	682001	Colour of the body:	RAL7016
EAN:	5905963682001	Dimensions (H/W/T/S) [mm]:	191/425/217
Light source:	LED module	Mounting dimensions [mm]:	230
Rated power of the luminaire [W]:	101	Impact resistance:	IK09
Luminous flux [lm]:	16000	Ingress protection:	IP66
Supply voltage [V]:	220-240	Mounting version:	top
Frequency [Hz]:	47-63	Working temperature [°C]:	from -40 to +45
Luminous efficacy [lm/W]:	158	Lateral surface (SCx) [m2]:	15° 0.006; 45° 0.017;75° 0.023
Energy efficiency class:	B	Dimensions of single box [mm]:	430/200/185
Electrical protection class:	I	Number on the palette [pcs]:	35
Colour temperature [K]:	4000	Net weight [kg]:	5.140
Color rendering index (Ra) >:	80	Version:	1 module
SDCM:	3	Light distribution type:	symmetric
Power factor:	0.98	Corrosivity category:	C5-M
LED lifespan L70B50 [h]:	156000	Warranty [years]:	5
LED lifespan L80B20 [h]:	98000	CE certificate:	262/2023
LED lifespan L90B10 [h]:	47000	ENEC Certificate:	0404/ENEC/25
Beam angle [°]:	90	Environmental Product Declaration (EPD):	816/2025
Surge protection [kV]:	6	Manual:	Download PDF
Diffuser material:	PC	Plik LDT:	Download
Material of the body:	aluminium		

LIGHT CURVES

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

CE Certificate CE - Nr: 262/2023

LENA LIGHTING

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