FACTOR LED 3M 85500LM 840 15D DALI IP66 (651W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	993428
Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	651
Luminous flux [lm]*:	85500
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Electrical protection class:	I
Energy efficiency class:	D

CHARACTERISTICS

Factor Led is a latest-generation floodlight with a high power output and an impressive luminous flux. It is characterized not only by very high luminous efficiency but also by the highest IP 66 tightness and IK09 impact resistance. These parameters have been achieved thanks to the branded components used, robust housing made of cast aluminum, and the use of a passive cooling system for the lamp, which allows the excess heat generated to be dissipated during lamp operation. The Factor Led has the advantage of very fast and easy installation. The lightweight steel arm is attached to the supporting structure (wall, pole), and then the light modules are plugged in. On a single bracket, the installer can plug in a lamp containing from 1 to 4 such modules.

APPLICATION

Very good sealing and impact resistance parameters, the ability to work in elevated temperatures - up to 45 ˚ C as standard, and an extensive range of spreads predisposes Factor Led lamps to work in harsh weather conditions. It will find application and perform well both inside industrial halls, warehouses, sports halls, logistics centers, and outdoors - on sports fields, airports, parking lots, and maneuvering areas. It can also illuminate the facades of buildings and elements of external architecture.

DETAILS

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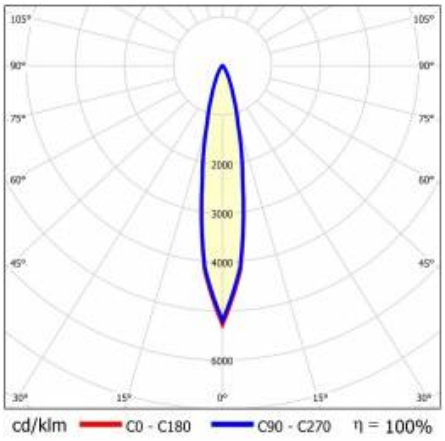
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	993428
EAN:	5905963993428
Rated power of the luminaire [W]:	651
Luminous flux [lm]:	85500
Supply voltage [V]:	100-277
Frequency [Hz]:	47-63
Luminous efficacy [lm/W]:	131
Energy efficiency class:	D
Electrical protection class:	I
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.97
LED lifespan L70B50 [h]:	156000
LED lifespan L80B10 [h]:	98000
LED lifespan L90B10 [h]:	47000
Beam angle [°]:	15
Surge protection [kV]:	6
Diffuser material:	PC

Material of the body:	aluminium
Colour of the body:	RAL7016
Dimensions (H/W/T/S) [mm]:	580/425/340
Impact resistance:	IK09
Ingress protection:	IP66
Working temperature [°C]:	from -40 to +45
DIMM DALI:	yes
The number of implement units:	3
Dimensions of single box [mm]:	430/810/175
Number on the palette [pcs]:	18
Net weight [kg]:	16.980
Version:	3 modules
Warranty [years]:	5
CE certificate:	262/2023
ENEC Certificate:	0404/ENEC/25
Environmental Product Declaration (EPD):	816/2025
Manual:	Download PDF
Plik LDT:	Download

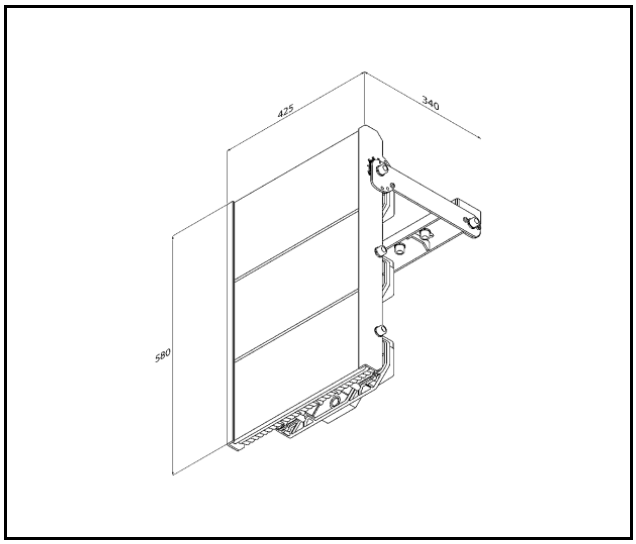
LIGHT CURVES



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DETAILED CARD

TECHNICAL PICTURES

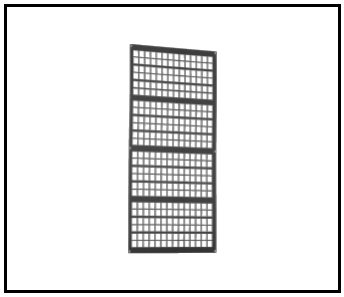


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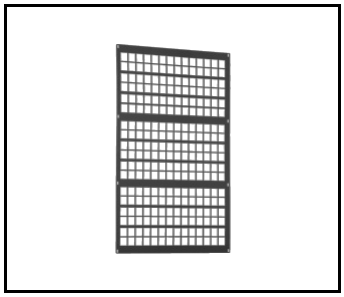
DETAILED CARD

ACCESSORIES AVAILABLE

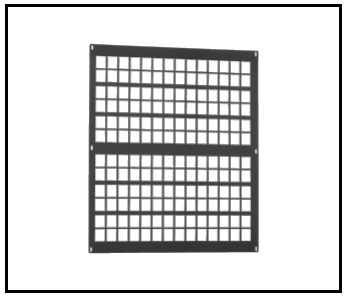
index	Name
684791	Protective grid Factor LED 4M RAL7016
684784	Protective grid Factor LED 3M RAL7016
684777	Protective grid Factor LED 2M RAL7016
684760	Protective grid Factor LED 1M RAL7016
370311	
994883	Factor one-piece protective visor
994913	Factor ABC multi-piece protective visor
994906	Factor AB multi-piece protective visor
994890	Factor Multi-piece protective visor A



Protective grid Factor LED 4M RAL7016 (684791)



Protective grid Factor LED 3M RAL7016 (684784)



Protective grid Factor LED 2M RAL7016 (684777)

Card creation date: 28 October 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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 262/2023

LENA LIGHTING

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