

# FACTOR LED 3M 87000LM 840 45D DALI IP66 (651W)

DETAILED CARD



## TECHNICAL PARAMETERS

Index:	993442
Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	651
Luminous flux [lm]*:	87000
Colour temperature [K]:	4000
Colour rendering index:	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

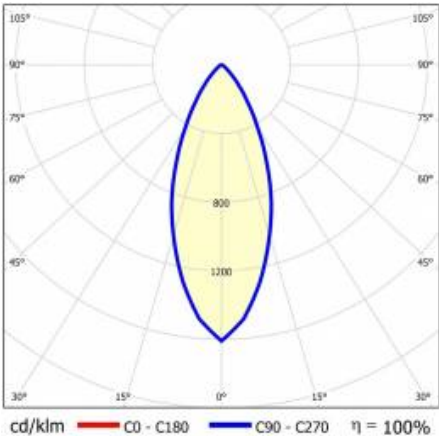
# FACTOR LED 3M 87000LM 840 45D DALI IP66 (651W)

DETAILED CARD

## TECHNICAL PARAMETERS TABLE

Index:	993442	Diffuser material:	PC
EAN:	5905963993442	Material of the body:	aluminium
Rated power of the luminaire [W]:	651	Colour of the body:	RAL7016
Luminous flux [lm]:	87000	Dimensions (H/W/T/S) [mm]:	580/425/340
Supply voltage [V]:	100-277	Impact resistance:	IK09
Frequency [Hz]:	47-63	Ingress protection:	IP66
Luminous efficacy [lm/W]:	134	Working temperature [°C]:	from -40 to +45
Energy efficiency class:	D	DIMM DALI:	yes
Electrical protection class:	I	The number of implement units:	3
Colour temperature [K]:	4000	Dimensions of single box [mm]:	430/810/175
Colour rendering index:	80	Number on the palette [pcs]:	18
SDCM:	≤ 3	Net weight [kg]:	16.980
Power factor:	0.97	Version:	3 modules
LED lifespan L70B50 [h]:	156000	Warranty [years]:	5
LED lifespan L80B20 [h]:	98000	CE certificate:	<a href="#">262/2023</a>
LED lifespan L90B10 [h]:	47000	ENEC Certificate:	<a href="#">0404/ENEC/25</a>
Beam angle [°]:	45	Environmental Product Declaration (EPD):	<a href="#">816/2025</a>
Surge protection [kV]:	6	Manual:	<a href="#">Download PDF</a>

## LIGHT CURVES

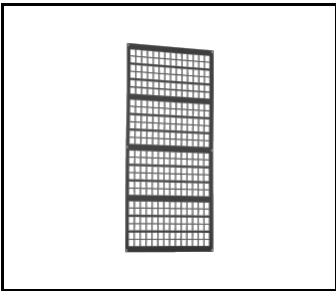


# FACTOR LED 3M 87000LM 840 45D DALI IP66 (651W)

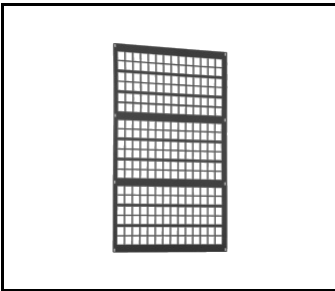
DETAILED CARD

## ACCESSORIES AVAILABLE

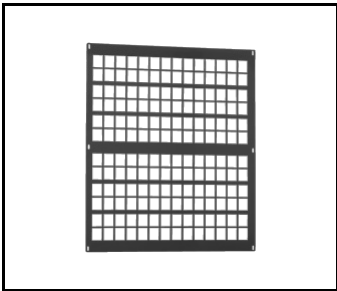
index	Name
684791	Protective grid Factor LED 4M RAL7016
684784	Protective grid Factor LED 3M RAL7016
684777	Protective grid Factor LED 2M RAL7016
684760	Protective grid Factor LED 1M RAL7016



Protective grid Factor LED 4M  
RAL7016 (684791)



Protective grid Factor LED 3M  
RAL7016 (684784)



Protective grid Factor LED 2M  
RAL7016 (684777)

Card creation date:10 July 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