

# FACTOR LED 3M 107700LM 840 30D IP66 (843W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	987113
<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK09
<b>Rated power of the luminaire [W]*:</b>	843
<b>Luminous flux [lm]*:</b>	107700
<b>Colour temperature [K]:</b>	4000
<b>Colour rendering index:</b>	>80
<b>SDCM:</b>	≤ 3
<b>Electrical protection class:</b>	I
<b>Energy efficiency class:</b>	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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## TECHNICAL PARAMETERS TABLE

Rated power of the luminaire [W]:	843	Material of the body:	aluminium
Index:	987113	Colour of the body:	RAL7016
EAN:	5905963987113	Dimensions (H/W/T/S) [mm]:	580/425/340
Luminous flux [lm]:	107700	Impact resistance:	IK09
Beam angle [°]:	30	Ingress protection:	IP66
Diffuser material:	PC	Working temperature [°C]:	od -40 do +30
Supply voltage [V]:	220 - 240	Dimensions of single box [mm]:	430/810/175
Frequency [Hz]:	47 - 63	Number on the palette [pcs]:	18
Luminous efficacy [lm/W]:	128	Net weight [kg]:	16.980
Energy efficiency class:	D	LED lifespan L70B50 [h]:	156000
Electrical protection class:	I	LED lifespan L80B20 [h]:	98000
Colour temperature [K]:	4000	LED lifespan L90B10 [h]:	47000
Colour rendering index:	>80	Lateral surface (SCx) [m2]:	15° 0.019; 45° 0.052; 75° 0.071
SDCM:	≤ 3	Warranty [years]:	5
Power factor:	0.98	CE certificate:	<a href="#">262/2023</a>
Version:	3 modules	ENEC Certificate:	<a href="#">0404/ENEC/25</a>
Surge protection [kV]:	6	Manual:	<a href="#">Download PDF</a>

## LIGHT CURVES



# FACTOR LED 3M 107700LM 840 30D IP66 (843W)

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## 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: 25 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