# FACTOR LED 3M 88200LM 840 90D IP66 (651W)

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 987755 |
| **Ingress protection:** | IP66 |
| **Impact resistance:** | IK09 |
| **Rated power of the luminaire [W]*:** | 651 |
| **Luminous flux [lm]*:** | 88200 |
| **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

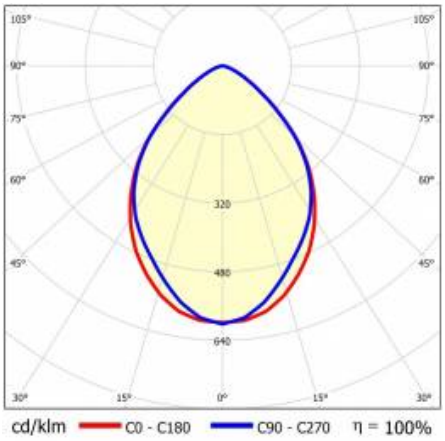
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## TECHNICAL PARAMETERS TABLE

| | | | |
|---|---|---|---|
| **Index:** | 987755 | **Diffuser material:** | PC |
| **EAN:** | 5905963987755 | **Material of the body:** | aluminium |
| **Rated power of the luminaire [W]:** | 651 | **Colour of the body:** | RAL7016 |
| **Luminous flux [lm]:** | 88200 | **Dimensions (H/W/T/S) [mm]:** | 580/425/340 |
| **Supply voltage [V]:** | 220-240 | **Impact resistance:** | IK09 |
| **Frequency [Hz]:** | 47-63 | **Ingress protection:** | IP66 |
| **Luminous efficacy [lm/W]:** | 135 | **Working temperature [°C]:** | from -40 to +45 |
| **Energy efficiency class:** | D | **Dimensions of single box [mm]:** | 430/810/175 |
| **Electrical protection class:** | I | **Number on the palette [pcs]:** | 18 |
| **Colour temperature [K]:** | 4000 | **Net weight [kg]:** | 16.530 |
| **Color rendering index (Ra) >:** | 80 | **Version:** | 3 modules |
| **SDCM:** | 3 | **Warranty [years]:** | 5 |
| **Power factor:** | 0.98 | **CE certificate:** | 262/2023 |
| **LED lifespan L70B50 [h]:** | 156000 | **ENEC Certificate:** | 0404/ENEC/25 |
| **LED lifespan L80B10 [h]:** | 98000 | **Environmental Product Declaration (EPD):** | 816/2025 |
| **LED lifespan L90B10 [h]:** | 47000 | **Manual:** | Download PDF |
| **Beam angle [°]:** | 90 | **Plik LDT:** | Download |
| **Surge protection [kV]:** | 6 | | |

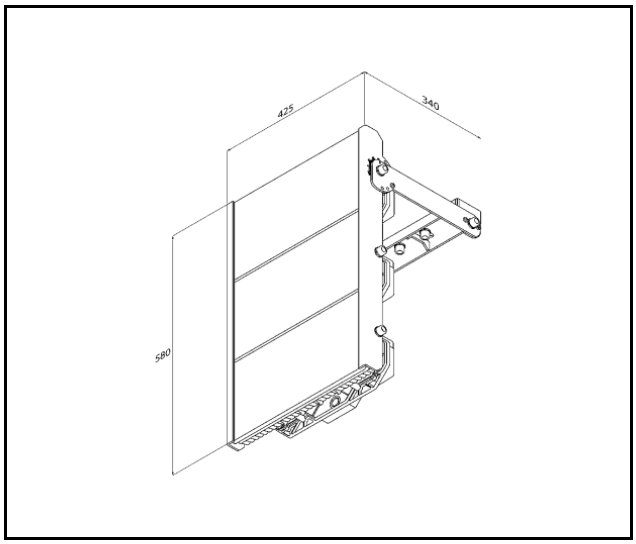
## LIGHT CURVES



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## TECHNICAL PICTURES

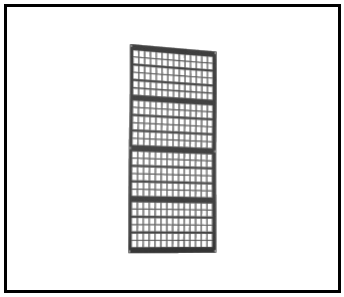


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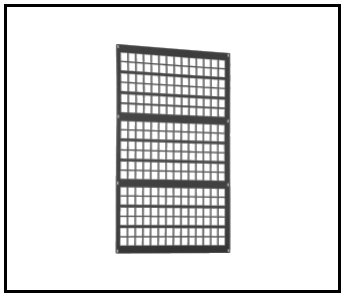
DETAILED CARD

## ACCESSORIES AVAILABLE

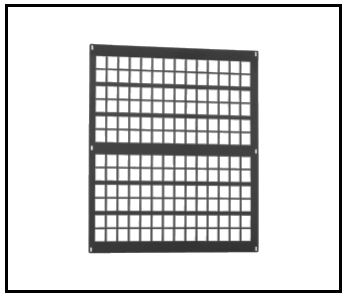
| index | Name |
|---|---|
| 684791 | Protective grid Factor LED 4M RAL7016 |
| 684784 | Protective grid Factor LED 3M RAL7016 |
| 684777 | Protective grid Factor LED 2M RAL7016 |
| 684760 | Protective grid Factor LED 1M RAL7016 |
| 370311 | |
| 994883 | Factor one-piece protective visor |
| 994913 | 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)



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

Lena Lighting S.A.
ul. Kórnicka 52, 63-000 Środa Wielkopolska
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: hello@lenalighting.pl, www.lenalighting.pl