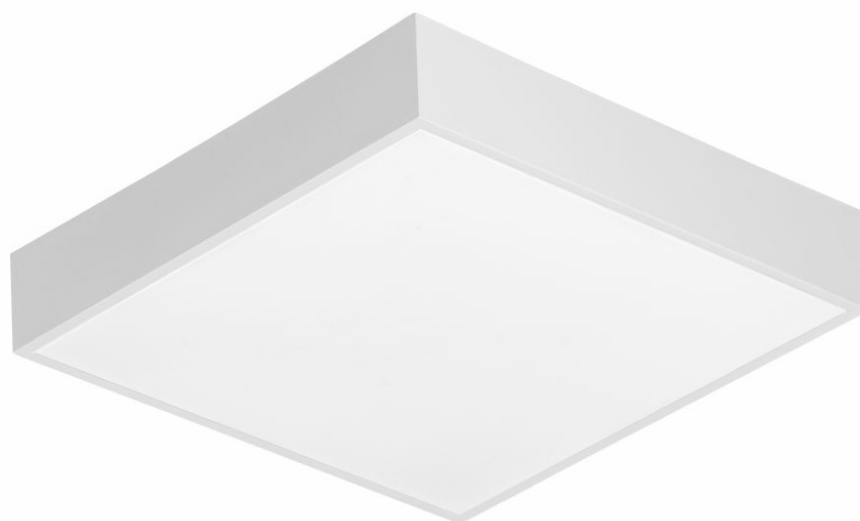


# SQ 300 LED EVO PLUS 3000LM 830 IP54 II CL. RCR (HYTRONIK) OPAL (31W) 300MM

DETAILED CARD



## TECHNICAL PARAMETERS

|                                    |        |
|------------------------------------|--------|
| Index:                             | 412837 |
| Ingress protection:                | IP54   |
| Impact resistance:                 | IK08   |
| Rated power of the luminaire [W]*: | 31     |
| Luminous flux [lm]*:               | 3000   |
| Colour temperature [K]:            | 3000   |
| Color rendering index (Ra) >:      | 80     |
| SDCM:                              | 3      |
| Energy efficiency class:           | F      |
| Material of the body:              | ABS    |

## CHARACTERISTICS

Is a new line of square ceiling lamps. The construction, designed from scratch, introduces new solutions ensuring excellent lighting parameters. The body is made of plastic, thanks to which it is characterized by low weight and high impact resistance (IK08). The diffuser made of PC polycarbonate provides the lamp with excellent lighting properties. Integrated LED module provides low power consumption and all the advantages of modern lamps with an LED source. The PLUS version of the luminaire line is equipped with brand components from recognized global manufacturers. It is characterized by extended life and warranty, increased light efficiency and optimal use of electricity (Power Factor).

## APPLICATION

The surface-mounted lamp for ceiling or wall mounting is intended for both indoor use - in rooms with high humidity, passageways, staircases, and outdoor use as façade lighting.

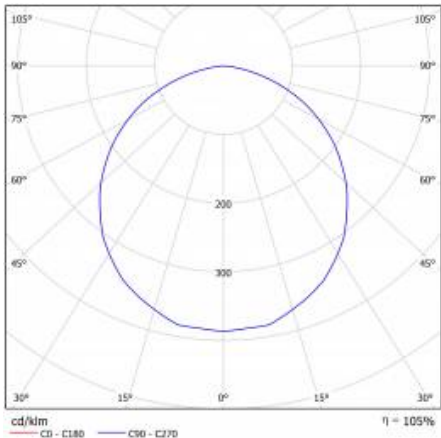
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## TECHNICAL PARAMETERS TABLE

|                                   |               |                                          |                                                         |
|-----------------------------------|---------------|------------------------------------------|---------------------------------------------------------|
| Index:                            | 412837        | Ingress protection:                      | IP54                                                    |
| EAN:                              | 5905963412837 | Mounting version:                        | surface                                                 |
| Rated power of the luminaire [W]: | 31            | Working temperature [°C]:                | from -20 to +35                                         |
| Supply voltage [V]:               | 220 - 240     | Motion sensor:                           | yes                                                     |
| Frequency [Hz]:                   | 50-60         | Version:                                 | RCR Hytronik                                            |
| Luminous flux [lm]:               | 3000          | Dimensions of single box [mm]:           | 305/305/60                                              |
| Luminous efficacy [lm/W]:         | 97            | Number on the palette [pcs]:             | 120                                                     |
| Energy efficiency class:          | F             | Net weight [kg]:                         | 0.750                                                   |
| Electrical protection class:      | II            | Category type:                           | bulkheads                                               |
| Colour temperature [K]:           | 3000          | Category of application:                 | educational institutions, HoReCa, commercial facilities |
| Color rendering index (Ra) >:     | 80            | AC voltage range [V]:                    | 220 - 240                                               |
| SDCM:                             | 3             | LED lifespan L70B50 [h]:                 | 118000                                                  |
| Power factor:                     | 0.98          | LED lifespan L80B10 [h]:                 | 75000                                                   |
| Beam angle [°]:                   | 120           | LED lifespan L90B10 [h]:                 | 36000                                                   |
| Surge protection [kV]:            | 1             | Light distribution type:                 | open space                                              |
| Diffuser material:                | PS            | Photobiological safety:                  | RG0 - exempt (no photobiological hazard)                |
| Diffuser type:                    | OPAL          | Warranty [years]:                        | 5                                                       |
| Diffuser colour:                  | white         | CE certificate:                          |                                                         |
| Optics material:                  | PMMA          | ENEC Certificate:                        | <a href="#">0316/ENEC/23</a>                            |
| Material of the body:             | ABS           | PZH certificate:                         |                                                         |
| Colour of the body:               | white         | Environmental Product Declaration (EPD): | <a href="#">944/2026</a>                                |
| Dimensions (H/W/T/S) [mm]:        | 300/300/58    | Manual:                                  | <a href="#">Download PDF</a>                            |
| Mounting dimensions [mm]:         | 210           | ISO Certificates:                        | 9001:2015, 14001:2015, 45001:2018, 50001:2018           |
| Impact resistance:                | IK08          |                                          |                                                         |

## LIGHT CURVES



Card creation date: 24 July 2026  
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:



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](mailto:hello@lenalighting.pl), [www.lenalighting.pl](http://www.lenalighting.pl)