

# COMPACT LED EVO P 4450LM PLX II KL IP54/IP20 595X595 830 (42W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                                 |         |
|---------------------------------|---------|
| <b>Index:</b>                   | 630897  |
| <b>Ingress protection:</b>      | IP54/20 |
| <b>Impact resistance:</b>       | IK07    |
| <b>Nominal power [W]:</b>       | 42      |
| <b>Luminous flux [lm]*:</b>     | 4450    |
| <b>Colour temperature [K]:</b>  | 3000    |
| <b>SDCM:</b>                    | 3       |
| <b>Energy efficiency class:</b> | E       |
| <b>Material of the body:</b>    | ABS     |

## CHARACTERISTICS

Compact LED luminaire designed for recessed installation in modular and plasterboard ceilings. Equipped with energy-saving LED panels and an evenly highlighted opal or prismatic diffuser, providing low glare (UGR<19)\*. Made of plastic. Assembly or electrical connection does not require removing the diffuser.

\* The UGR coefficient is met for the typical use of the luminaire

## APPLICATION

This luminaire is designed for indoor use in offices or general utility rooms. It can be used as the main light source and it is particularly well-suited to be used as a light source for workplaces that require eyesight focus. The luminaire is used both in new applications, as well as it can replace traditional fluorescent luminaires with energy-saving LED solutions. The fitting's design is suitable for mounting in 600x600 or 625x625 modular ceilings.

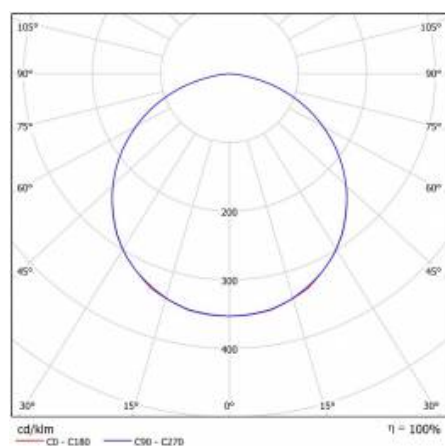
# COMPACT LED EVO P 4450LM PLX II KL IP54/IP20 595X595 830 (42W)

DETAILED CARD

## TECHNICAL PARAMETERS TABLE

|                                   |            |  |   |
|-----------------------------------|------------|--|---|
| Index:                            | 630897     | Impact resistance:                       | IK07  |
| Light source:                     | LED module | Ingress protection:                      | IP54/20                                       |
| Nominal power [W]:                | 42         | Mounting version:                        | recessed                                      |
| Rated power of the luminaire [W]: | 43         | Working temperature [°C]:                | od -20 do +35                                 |
| Frequency [Hz]:                   | 50 - 60    | Net weight [kg]:                         | 2   |
| Luminous flux [lm]:               | 4450       | LED lifespan L70B50 [h]:                 | 125000  |
| Luminous efficacy [lm/W]:         | 103        | LED lifespan L80B10 [h]:                 | 82000   |
| Energy efficiency class:          | E          | Power factor:                            | 0.95  |
| Electrical protection class:      | II         | ETIM class:                              | EC002892                                      |
| Colour temperature [K]:           | 3000       | Photobiological safety:                  | RG0 - exempt (no photobiological hazard)      |
| SDCM:                             | 3          | Warranty [years]:                        | 5   |
| Diffuser material:                | PC         | CE certificate:                          | <a href="#">358/2023</a>                      |
| Diffuser type:                    | OPAL       | Environmental Product Declaration (EPD): | 944/2026                                      |
| Material of the body:             | ABS        | Manual:                                  | <a href="#">Download PDF</a>                  |
| Colour of the body:               | white      | ISO Certificates:                        | 9001:2015, 14001:2015, 45001:2018, 50001:2018 |
| Dimensions (H/W/T/S) [mm]:        | 595/595/71 | Plik LDT:                                | <a href="#">Download</a>                      |

## LIGHT CURVES



# COMPACT LED EVO P 4450LM PLX II KL IP54/IP20 595X595 830 (42W)

DETAILED CARD

## ACCESSORIES AVAILABLE

| index  | Name   |
|--------|--|
| 630033 | Plasterboard mounting brackets (4 pcs)                       |
| 904349 | Safety suspension (modular ceiling)                          |
| 374845 | Frame adapter KG 635x635 WHITE                               |
| 998966 | Frame steel white structure RAL9016 600x600 SM "well effect" |
| 998973 | Frame steel white gloss RAL9016 600x600 SM "well effect"     |



Plasterboard mounting brackets (4 pcs) (630033)



Safety suspension (modular ceiling) (904349)



Frame adapter KG 635x635 WHITE (374845)



Frame steel white structure RAL9016 600x600 SM "well effect" (998966)



Frame steel white gloss RAL9016 600x600 SM "well effect" (998973)

Card creation date: 28 April 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: 358/2023