

# COMPACT LED EVO P 6550LM PRM II KL. IP44/ IP20

## 620X620 840 (52W) (DE)

DETAILED CARD



### TECHNICAL PARAMETERS

|                               |                                 |
|-------------------------------|---------------------------------|
| Index:                        | 647383                          |
| Ingress protection:           | IP44/20                         |
| Impact resistance:            | IK07                            |
| Nominal power [W]:            | 52                              |
| Luminous flux [lm]*:          | 6550                            |
| Colour temperature [K]:       | 4000                            |
| Color rendering index (Ra) >: | 80                              |
| SDCM:                         | 3                               |
| Energy efficiency class:      | D                               |
| Material of the body:         | ABS + powder coated steel sheet |

### 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.

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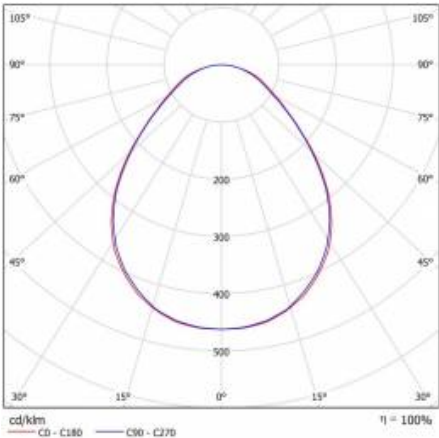
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### TECHNICAL PARAMETERS TABLE

|                                   |               |                                          |                                               |
|-----------------------------------|---------------|------------------------------------------|-----------------------------------------------|
| Index:                            | 647383        | Material of the body:                    | ABS + powder coated steel sheet               |
| EAN:                              | 5905963647383 | Colour of the body:                      | white                                         |
| Light source:                     | LED module    | Dimensions (H/W/T/S) [mm]:               | 620/620/71                                    |
| Nominal power [W]:                | 52            | Impact resistance:                       | IK07                                          |
| Rated power of the luminaire [W]: | 53            | Ingress protection:                      | IP44/20                                       |
| Supply voltage [V]:               | 220-240       | Mounting version:                        | recessed                                      |
| Frequency [Hz]:                   | 50 - 60       | Working temperature [°C]:                | from -20 to +35                               |
| Luminous flux [lm]:               | 6550          | Net weight [kg]:                         | 2.560                                         |
| Luminous efficacy [lm/W]:         | 124           | LED lifespan L70B50 [h]:                 | 115000                                        |
| Energy efficiency class:          | D             | LED lifespan L80B10 [h]:                 | 72000                                         |
| Electrical protection class:      | II            | Power factor:                            | 0.95                                          |
| Colour temperature [K]:           | 4000          | Photobiological safety:                  | RG0 - exempt (no photobiological hazard)      |
| Color rendering index (Ra) >:     | 80            | Warranty [years]:                        | 5                                             |
| SDCM:                             | 3             | CE certificate:                          | <a href="#">455/2023</a>                      |
| Beam angle [°]:                   | 120           | Environmental Product Declaration (EPD): | 944/2026                                      |
| Diffuser material:                | PC            | Manual:                                  | <a href="#">Download PDF</a>                  |
| Diffuser type:                    | PRM           | ISO Certificates:                        | 9001:2015, 14001:2015, 45001:2018, 50001:2018 |

### LIGHT CURVES



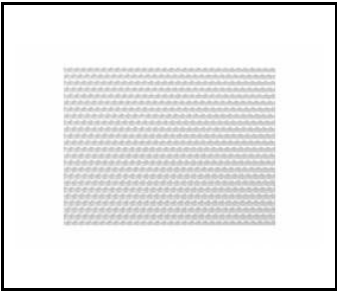
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DETAILED CARD  
TECHNICAL DETAILS

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COMPACT LED EVO PRM

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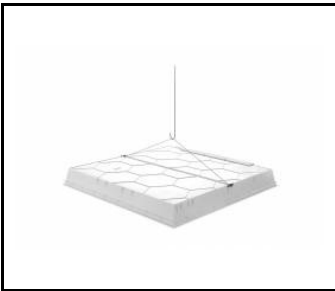
DETAILED CARD

### ACCESSORIES AVAILABLE

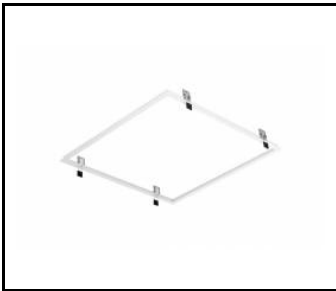
| index  | Name                                                     |
|--------|----------------------------------------------------------|
| 630033 | Plasterboard mounting brackets (4 pcs)                   |
| 904349 | Safety suspension (modular ceiling)                      |
| 374845 | Frame adapter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



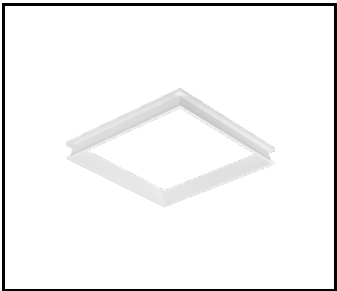
Plasterboard mounting brackets (4 pcs) (630033)



Safety suspension (modular ceiling) (904349)



Frame adapter KG 635x635 WHITE (374845)



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