

## LED Eco-Panel BL

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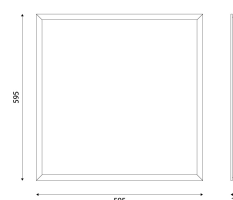
LED Eco-Panel BL 595x595 mm

# 40000163

EAN: 8720615508853

### AFFORDABLE LIGHTING WITH HIGH EFFICIENCY TAKES CARE OF PROPER LIGHTING ON THE WORKPLACE

The sleek design Eco-Panel BL has a high efficiency. This provides particularly good light on the work floor. The panel has a number of improved features. For example, the Eco-Panel BL is equipped with backlight, which prevents yellowing in the long term. The flicker-free drivers guarantee extremely reliable light. Simple switching between different light colors provides effective lighting with a wide range of applications. Due to the favorable price, correct lighting in the workplace is now available to everyone.



## PRODUCT FEATURES

|  |   |   |                        |
|--|---|---|------------------------|
| Suitable for wall mounting                     | ✗                                       | Nominal voltage   | 220 240 Volt           |
| Suitable for wall mounting                     | ✗                                       | LED nominal current at constant current                                   | 0 900 Milliampere      |
| Suitable for suspended mounting                | ✗                                       | Nominal current   | 0 300 Milliampere      |
| Suitable for ceiling mounting                  | ✓                                       | Rated lifetime L70/B50 at 25 °C   | 230000 Hour            |
| Suitable for built-in mounting                 | ✓                                       | Rated lifetime L80/B50 at 25 °C   | 145000 Hour            |
| Suitable for surface mounting                  | ✗                                       | Lumen maintenance at median useful life of 35,000 h at 25 °C ambient (tq) | 94 Percentage          |
| Suitable for light line configuration          | ✗                                       | Rated life time L70/B10 at 25 °C  | 150000 Hour            |
| Suitable for workplace according to EN 12464-1 | ✓                                       | Lumen maintenance at median useful life of 50,000 h at 25 °C ambient (tq) | 92 Percentage          |
| Lamp type                                      | LED not exchangeable                    | Lumen maintenance at median useful life of 75,000 h at 25 °C ambient (tq) | 85 Percentage          |
| With light source                              | ✓                                       | Rated life time L80/B10 at 25 °C  | 100000 Hour            |
| Lamp holder                                    | Other                                   | Rated life time L90/B10 at 25 °C  | 45000 Hour             |
| Housing material                               | Steel                                   | Rated life time L90/B50 at 25 °C  | 70000 Hour             |
| Surface protection housing                     | Lacquered                               | Max. number of luminaires per miniature circuit breaker B16 (MCB)         | 33                     |
| Housing colour                                 | White                                   | Max. number of luminaires per miniature circuit breaker C16 (MCB)         | 56                     |
| Material cover                                 | Plastic, opal                           | Rated ambient temperature according to IEC 62722-2-1                      | -20 50 Degrees celsius |
| Type of grid                                   | None                                    | Luminaire efficacy  | 125 Lumen/Watt         |
| Voltage type                                   | AC                                      | Rated luminous flux according to IEC 62722-2-1                            | 4250 Lumen             |
| Type of control gear                           | LED operating device current-controlled | Suitable for lamp power   | 34 34 Watt             |
| With control gear                              | ✓                                       | Max. system power   | 34 Watt                |
| Exchangeable control gear                      | ✓                                       | Colour temperature  | 3000 6000 Kelvin       |
| Dimming 0-10 V                                 | ✗                                       | Power factor  | 0.95                   |
| Dimming 1-10 V                                 | ✗                                       | Width   | 595 Millimetre         |
| Dimming DALI                                   | ✗                                       | Height/depth  | 32 Millimetre          |
| Dimming DALI-2                                 | ✗                                       | Length  | 595 Millimetre         |
| Dimming DMX                                    | ✗                                       | Built-in length   | 595 Millimetre         |
| Dimming DSI                                    | ✗                                       | Built-in width  | 595 Millimetre         |

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(continuation)

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| Dimming GPRS   | ✗                         | Built-in height/depth     | 32 Millimetre         |
| Dimming LineSwitch   | ✗                         | Number of poles           | 2                     |
| Dimming manufacturer's proprietary system  | ✗                         | Conductor cross section   | 1.5 Square millimetre |
| Dimming mains voltage modulation   | ✗                         | Unified Glare Ratio (UGR) | 19                    |
| Dimming phase cut-off (trailing edge)  | ✗                         |                           |                       |
| Dimming phase cut-on (leading edge)  | ✗                         |                           |                       |
| Dimming programmable   | ✗                         |                           |                       |
| Dimming potentiometer (integrated)   | ✗                         |                           |                       |
| Dimming RF   | ✗                         |                           |                       |
| Dimming Touch and Dim  | ✗                         |                           |                       |
| Dimming Sine Wave Reduction  | ✗                         |                           |                       |
| Dimming Zigbee   | ✗                         |                           |                       |
| Dimming with push-button   | ✗                         |                           |                       |
| Light distributor  | Diffuser lens/optic/panel |                           |                       |
| No dim function  | ✓                         |                           |                       |
| Light distribution   | Symmetric                 |                           |                       |
| Dimming depending on control gear  | ✗                         |                           |                       |
| Beam angle   | >80° - Extreme wide beam  |                           |                       |
| Colour consistency (McAdam ellipse)  | SDCM3                     |                           |                       |
| Light outlet   | Direct                    |                           |                       |
| Energy efficiency class of the light source according to EU regulation 2019/2015 | E                         |                           |                       |
| Energy efficiency class of the built-in lamp                                     | A++, A+, A (LED)          |                           |                       |
| Degree of protection (IP)  | IP20                      |                           |                       |
| Degree of protection (NEMA)  | 3                         |                           |                       |
| Impact strength  | IK02                      |                           |                       |
| Protection class according to IEC 61140  | II                        |                           |                       |
| Luminaire with limited surface temperature, sign "D" according to EN 60598-2-24  | ✗                         |                           |                       |
| Emergency power supply integrated  | ✗                         |                           |                       |
| Suitable for emergency lighting  | ✗                         |                           |                       |
| With movement sensor   | ✗                         |                           |                       |
| With light sensor  | ✗                         |                           |                       |
| Covering of the luminaire with thermally insulating material possible            | ✗                         |                           |                       |
| With air slots   | ✗                         |                           |                       |
| Colour of light  | White                     |                           |                       |
| Colour rendering index CRI   | 80-89                     |                           |                       |
| Constant light output (CLO)  | ✗                         |                           |                       |
| Type of wiring   | Ending                    |                           |                       |
| Connection type  | Push-in clamp             |                           |                       |
| Colour of light adjustable   | Positions                 |                           |                       |
| Luminous flux adjustable   | No                        |                           |                       |
| Beam angle adjustable  | No                        |                           |                       |
| Operation by Bluetooth   | ✗                         |                           |                       |
| Compatible with Casambi  | ✗                         |                           |                       |
| Compatible with Apple HomeKit  | ✗                         |                           |                       |
| Compatible with Google Assistant   | ✗                         |                           |                       |
| Compatible with Amazon Alexa   | ✗                         |                           |                       |
| IFTTT support available  | ✗                         |                           |                       |
| Meets min. EIA service life criterion L90 (at 50,000 hours at tq = 25 °C)        | ✓                         |                           |                       |

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