

LED Eco-Panel BL PAGE 1/3

LED Eco-Panel BL 295x1195 mm

40000162 EAN: 8720615508860

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

Type of grid None Luminaire efficacy 120 Lumen/Watt Voltage type AC Rated luminous flux according to IEC 62722-2-1 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 Max. system power 34000 Kelvin Dimming 0-10 V Power factor 0.95 Dimming 1-10 V Width 295 Millimetre Dimming DALI Pomming DALI Legath Max. System Power Meight/depth 195 Millimetre Length	Suitable for wall mounting	×	Nominal voltage	220 240 Volt
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 X Lumen maintenance at median useful life of 35,000 h at 25 °C ambient (tq) 94 Percentage life of 35,000 h at 25 °C ambient (tq) Suitable for light line configuration X Rated life time L70/B10 at 25 °C 150000 Hour Suitable for workplace according to EN 1/2464-1 Lumen maintenance at median useful life of 50,000 h at 25 °C ambient (tq) 85 Percentage life of 50,000 h at 25 °C ambient (tq) Lamp type LED not exchangeable Lumen maintenance at median useful life of 55,000 h at 25 °C ambient (tq) 85 Percentage life of 50,000 h at 25 °C ambient (tq) With light source ✓ Rated life time L80/B10 at 25 °C 100000 Hour Lamp holder Other Rated life time L80/B10 at 25 °C 450000 Hour Housing material Steel Rated life time L80/B50 at 25 °C 70000 Hour Surface protection housing Lacquered Max. number of luminaires per miniature circuit breaker B16 (MCB) 33 Housing colour White Rated ambient temperature according to life (EC 627222-2-1) 20/50	Suitable for wall mounting	×	LED nominal current at constant current	0 900 Milliampere
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 at 25 °C 94 Percentage life of 35,000 at 25 °C 150000 Hour Suitable for light line configuration ★ Rated life time L70/B10 at 25 °C 150000 Hour Suitable for workplace according to EN 21/2464-1 Lumen maintenance at median useful life of 75,000 at 25 °C ambient (tq) 85 Percentage life of 75,000 at 25 °C ambient (tq) 85 Percentage life of 75,000 at 25 °C ambient (tq) 85 Percentage life of 75,000 at 25 °C ambient (tq) 85 Percentage life of 75,000 at 25 °C ambient (tq) 100000 Hour Lamp type LED not exchangeable Lumen maintenance at median useful life of 75,000 at 25 °C ambient (tq) 100000 Hour Lamp type Other Rated life time L90/B10 at 25 °C 450000 Hour Lamp holder Other Rated life time L90/B10 at 25 °C 45000 Hour Housing material Steel Rated life time L90/B10 at 25 °C 70000 Hour Housing colour White Max. number of luminaires per miniature circuit breaker B16 (MCB) 56 Housing colour Plastic, opal Rated ambient temperature according to EC (E27722-2-1 12	Suitable for suspended mounting	×	Nominal current	0 300 Milliampere
Suitable for surface mounting x Suitable for surface mounting x Suitable for surface mounting x Suitable for light line configuration X Rated life time L70/B10 at 25 °C ambient (tq) Lumen maintenance at median useful life of 55,000 h at 25 °C ambient (tq) Lumen maintenance at median useful life of 50,000 h at 25 °C ambient (tq) Lumen maintenance at median useful life of 50,000 h at 25 °C ambient (tq) Lamp type LED not exchangeable Lumen maintenance at median useful life of 50,000 h at 25 °C ambient (tq) With light source ✓ Rated life time L80/B10 at 25 °C 1000000 Hour Rated life time L80/B10 at 25 °C 100000 Hour Verback Lamp holder Other Rated life time L90/B10 at 25 °C 45000 Hour Rated life time L90/B50 at 25 °C 70000 Hour Surface protection housing Lacquered Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circ	Suitable for ceiling mounting	✓	Rated lifetime L70/B50 at 25 °C	230000 Hour
Suitable for light line configuration Suitable for workplace according to EN 2 Lumen maintenance at median useful 3 life of 50,000 h at 25 °C ambient (tq) 3 Percentage 3 Percentage 3 Percentage 3 Percentage 3 Ilife of 50,000 h at 25 °C ambient (tq) 3 Percentage 4 Percen	Suitable for built-in mounting	✓	Rated lifetime L80/B50 at 25 °C	145000 Hour
Suitable for workplace according to EN 12464-1 Lamp type LED not exchangeable LED no	Suitable for surface mounting	×		94 Percentage
12464-1 ✓ life of 50,000 h at 25 °C ambient (tq) Lamp type LED not exchangeable Lumen maintenance at median useful life of 75,000 h at 25 °C ambient (tq) 85 Percentage in the five of 75,000 h at 25 °C With light source ✓ Rated life time L80/B10 at 25 °C 100000 Hour Lamp holder Other Rated life time L90/B50 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 B16 (MCB) 56 Material cover Plastic, opal Rated ambient temperature according to life (MCB) 20/50 Degrees celsic life (MCB) Type of grid None Luminaire efficacy 120 Lumen/Watt Voltage type AC Rated luminous flux according to IEC (BC 2722-2-1) 4080 Lumen (BC 2722-2-1) Type of control gear LED operating device current-controlled Suitable for lamp power 34/34 Watt With control gear Max. system power 34/34 Watt Exchangeable control gear ✓ Colour temperature 3000/6000 Kelvin Dimming 0-10 V ✓ Power factor 0.95 Dimming 1-10 V ✓	Suitable for light line configuration	×	Rated life time L70/B10 at 25 °C	150000 Hour
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) 3 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 celsion IEC 62722-2-1 Type of grid None Luminaire efficacy 120 Lumen/Watt Voltage type AC Rated luminous flux according to IEC 62722-2-1 4080 Lumen Type of control gear LED operating device current-controlled Suitable for lamp power 34 34 Watt With control gear X Max. system power 34 Watt Exchangeable control gear X Max. system power 34 Watt Dimming 0-10 V ✓ Power factor 0.95 Dimming 1-10 V ✓ Width 295 Millimetre Dimming DALI ✓ Height/depth 32 Millimetr		✓		92 Percentage
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 celsion IEC 62722-2-1 Type of grid None Luminaire efficacy 120 Lumen/Watt Voltage type AC Rated luminous flux according to IEC 62722-2-1 4080 Lumen 62722-2-1 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 DALI ✓ Height/depth 32 Millimetre Dimming DALI-2 Length 1195 Millimetre	Lamp type	LED not exchangeable		85 Percentage
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 celsic left of EC 62722-2-1 Type of grid None Luminaire efficacy 120 Lumen/Watt Voltage type AC Rated luminous flux according to IEC 62722-2-1 4080 Lumen Type of control gear LED operating device current-controlled Suitable for lamp power 34 34 Watt With control gear X 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 295 Millimetre Dimming DALI ✓ Height/depth 32 Millimetre Dimming DALI-2 X Length 1195 Millimetre	With light source	✓	Rated life time L80/B10 at 25 °C	100000 Hour
Surface protection housing Lacquered Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker C16 (MCB) Max. number of luminaires per miniature circuit breaker C16 (MCB) Max. number of luminaires per miniature circuit breaker C16 (MCB) Max. number of luminaires per miniature circuit breaker C16 (MCB) Max. number of luminaires per miniature circuit breaker C16 (MCB) Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker B16 (MCB) Max. number of luminaires per miniature circuit breaker C16 (MCB) Max. number of luminaires per miniature circuit breaker C16 (MCB) Max. number of luminaires per miniature circuit breaker C16 (MCB) Max. number of luminaires per miniature circuit breaker C16 (MCB) Acclassing a set of circuit breaker	Lamp holder	Other	Rated life time L90/B10 at 25 °C	45000 Hour
Circuit breaker B16 (MCB) Housing colour White Max. number of luminaires per miniature circuit breaker C16 (MCB) Material cover Plastic, opal Rated ambient temperature according to IEC 62722-2-1 Type of grid None Luminaire efficacy 120 Lumen/Watt Voltage type AC Rated luminous flux according to IEC 62722-2-1 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 Max. system power 34 Watt Exchangeable control gear Colour temperature 3000 6000 Kelvin Dimming 0-10 V Power factor Dimming 1-10 V Width Height/depth 32 Millimetre Dimming DALI-2 Max. number of luminaires per miniature icrcuit breaker C16 (MCB) Ax. number of luminaires per miniature circuit breaker C16 (MCB) Max. number of luminaires per miniature circuit breaker C16 (MCB) Ax. number of luminaires per miniature circuit breaker C16 (MCB) Ax. number of luminaires per miniature circuit breaker C16 (MCB) Ax. suptementative according to IEC 4080 Lumen/Watt 4080 Lumen 34/34 Watt With control gear 34 Watt Exchangeable control gear 4000 Colour temperature 3000 6000 Kelvin Dimming DALI-2 Midlimetre	Housing material	Steel	Rated life time L90/B50 at 25 °C	70000 Hour
Material cover Plastic, opal Rated ambient temperature according to IEC 62722-2-1 Type of grid None Luminaire efficacy 120 Lumen/Watt Voltage type AC Rated luminous flux according to IEC 62722-2-1 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 Max. system power 3000 6000 Kelvin Dimming 0-10 V Power factor 0.95 Dimming 1-10 V Width 295 Millimetre Dimming DALI-2 Kentage is a circuit breaker C16 (MCB) Rated ambient temperature according to IEC 4000 Lumen/Watt 4000 Lumen/Watt 4000 Lumen/Watt 4000 Lumen/Watt 4000 Lumen 4000 L	Surface protection housing	Lacquered		33
IEC 62722-2-1 Type of grid None Luminaire efficacy 120 Lumen/Watt Voltage type AC Rated luminous flux according to IEC 62722-2-1 4080 Lumen 62722-2-1 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 295 Millimetre Dimming DALI ✓ Height/depth 32 Millimetre Dimming DALI-2 Length 1195 Millimetre	Housing colour	White		56
Voltage type AC Rated luminous flux according to IEC 62722-2-1 4080 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 295 Millimetre Dimming DALI ✓ Height/depth 32 Millimetre Dimming DALI-2 X Length 1195 Millimetre	Material cover	Plastic, opal		-20 50 Degrees celsius
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 Dimming 1-10 V Width 295 Millimetre Dimming DALI Dimming DALI-2 Length 1195 Millimetre	Type of grid	None	Luminaire efficacy	120 Lumen/Watt
With control gear★Max. system power34 WattExchangeable control gear✓Colour temperature3000 6000 KelvinDimming 0-10 V✓Power factor0.95Dimming 1-10 V✓Width295 MillimetreDimming DALI✓Height/depth32 MillimetreDimming DALI-2XLength1195 Millimetre	Voltage type	AC		4080 Lumen
Exchangeable control gear Colour temperature 3000 6000 Kelvin Dimming 0-10 V Power factor Width 295 Millimetre Dimming DALI Dimming DALI-2 Length 1195 Millimetre	Type of control gear	LED operating device current-controlled	Suitable for lamp power	34 34 Watt
Dimming 0-10 V ✓ Power factor 0.95 Dimming 1-10 V ✓ Width 295 Millimetre Dimming DALI ✓ Height/depth 32 Millimetre Dimming DALI-2 X Length 1195 Millimetre	With control gear	×	Max. system power	34 Watt
Dimming 1-10 V✓Width295 MillimetreDimming DALI✓Height/depth32 MillimetreDimming DALI-2XLength1195 Millimetre	Exchangeable control gear	✓	Colour temperature	3000 6000 Kelvin
Dimming DALI ✓ Height/depth 32 Millimetre Dimming DALI-2 X Length 1195 Millimetre	Dimming 0-10 V	✓	Power factor	0.95
Dimming DALI-2	Dimming 1-10 V	✓	Width	295 Millimetre
251911	Dimming DALI	✓	Height/depth	32 Millimetre
	Dimming DALI-2	×	Length	1195 Millimetre
Dimming DMX Built-in length 1195 Millimetre	Dimming DMX	×	Built-in length	1195 Millimetre
Dimming DSI ★ Built-in width 295 Millimetre	Dimming DSI	×	Built-in width	295 Millimetre



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Built-in height/depth Number of poles Conductor cross section

Unified Glare Ratio (UGR)

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PRODUCT FEATURES

(continuation)

Dimming GPRS	×
Dimming LineSwitch	×
Dimming manufacturer's proprietary system	×
Dimming mains voltage modulation	×
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	Е
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	Plug
Colour of light adjustable	Positions
Luminous flux adjustable	Continuously variable
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	×

32 Millimetre

19

1.5 Square millimetre



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PRODUCT FEATURES

(continuation)