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LED line LITE Downlight MOLLY 18W 1900lm 4000K round with motion sensor



The widest range of Downlight LED fixtures on the market, comprising up to 32 items. The new LED line LITE Molly series is characterised not only by its minimalist design, but also by its ease of both flush and surface mounting.

Features of our Downlight LED fixtures:

- Round and square versions allow you to choose the fixture according to your interior design.
- Wattages ranging from 5 W to 24 W allow it to be adapted to specific spaces.

Technical specification of the luminaire:

- wide wattage selection: 5 W, 9 W, 12 W, 18 W and 24 W
- luminous efficiency in the range 90–110 lm/W
- protection class: IP20
- colour temperature: 3000K, 4000K, CCT 3000/4000/6000K
- version with or without motion sensor
- natural light effect due to Ra>80
- universal frame

Technical specification of the motions sensor:

- microwave sensor 5.8GHz
- detection distance: 8m
- twilight sensor sensitivity: 15 lux
- lighting time: 90 seconds

Why should you choose panels from the new LED series?

- The minimalist Scandinavian design will bring style and elegance to interiors.
- Wide application, they will prove ideal as fixtures in a reception area in a dentist's practice, a stylish boutique or a cosy living room.
- Surface or flush mounting for greater flexibility.
- Universal frame for easy installation of flush-mounted, surface-mounted panels.

Additional benefits:

- Variant with motion sensor for even greater energy savings and convenience.
- The possibility of adjusting the white colour (LED CCT) allows shades of light to be manipulated.
- Housing and shade made of durable polycarbonate for a longer service life.
- 3-year warranty for safety and satisfaction.

Discover the unique possibilities of LED lighting – take advantage of our range and bet on products that combine functionality, aesthetics, and durability.



Reliable photometric files are available based on photometric tests performed at the LED line® Light Research and Measurement Centre.



Manufacturer issues a 3-year warranty for this product.



Yellow free technology means that the housing of this product is made of high quality material which is resistant to yellowing degeneration caused by UV radiation, thanks to which the product maintains its easthetic appearance for many years.



FLICKER FREE™ system guarantees no harmful flickering effect and ensures safety for users' eyesight.



Voltage range and voltage type



Beam angle



Ambient temperature suitable for operation



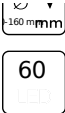
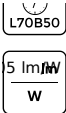
LED type



Lifespan



Mounting hole diameter



LED quantity

Parameter	Value
Luminous efficacy	105 lm/W
Power	18 W
Energy efficiency class 2019/2015	D
Luminous flux	1900 lm
Correlated colour temperature	4000 K
Colour consistency in McAdam ellipses	≤6
IP protection rating	20
Warranty (years)	3
Dimmable function	No
Survival factor	0.9
Lifetime L70B50	30 000
Weight	130 g
Supply voltage range and voltage type	170-260V AC
Frequency of the supply voltage	50/60Hz
Colour rendering index Ra	80
Colour	White
The lumen maintenance factor	96
Lamp's diameter	170
Beam angle	110 °
Material (housing)	Polycarbonate
LED type	SMD LED 2835
LED quantity	60

Parameter	Value
Lifespan	30000
Power Factor	0,5
Number of on/off cycles	20000
Colour consistency in McAdam ellipses	≤6
Ambient temperature suitable for operation	`-20 ÷ 40 °C
Mounting hole diameter	140-160 mm
IEC protection class	II
Height	26 mm
EPREL ID	1 494 732
Date of first placement on the market	2023-05-15 04:44:24
Form of the product (EPREL)	Source Out
Angle for useful luminous flux (EPREL)	Sphere 360 degrees
Is the product equipped with an integrated light source? (EPREL)	Yes
Non-directional or directional light source (EPREL)	NDLS
Mains or non- mains light source (EPREL)	MLS
Connected light source (EPREL)	No
Colour-tuneable light source (EPREL)	No
R9 colour rendering index value (EPREL)	14
Total luminous flux (EPREL)	2 700
On-mode power Pon (EPREL)	18
Useful luminous flux Φuse (EPREL)	2 700
Beam angle in degrees (EPREL)	120

Single packaging



177
36
177
0,2

Bulk packaging



60

Europallet

