

PRODUCT DATASHEET

LED Office Line 1.2M 48W 840

LED OFFICE LINE | Ceiling luminaire with a slim and modern design



Areas of application

- Indoor applications
- Home offices
- General indoor illumination
- Kitchens, workspaces

Product benefits

- Flexible mounting options
- Functional and minimalistic design

Product features

- Replacement for traditional T8 luminaires
- Wall and ceiling batten luminaire
- Material: Aluminium (Housing), Polycarbonate (Diffuser)
- Lifetime up to 30,000 h
- Lengths available: 0.6 m, 1.2 m
- Color temperature: 4,000 K

TECHNICAL DATA

Electrical data

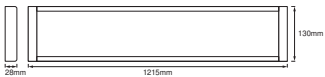
Nominal wattage	48.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	220.000 mA
Max. number of luminaires per miniature circuit breaker B16	6
Max. number of luminaires per miniature circuit breaker C10	6
Max. number of luminaires per miniature circuit breaker C16	11
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	Mains voltage

Photometrical data

Luminous flux	4800 lm
Total luminous flux of contained light sources	7200 lm
Luminous efficacy	100 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	≥80
Standard deviation of color matching	< 6 sdc _{cm}
Photobiological safety group acc. to EN62778	RG0
Beam angle	110 °

Dimensions & Weight

Length	1215.00 mm
Width	130.00 mm
Height	25.00 mm
Product weight	1400.00 g



LED Office Line 1.2 48W/840

Materials & Colors

Product color	White
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Housing color	White
Body material	Aluminum
Cover material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-20...+80 °C
Type of connection	Screw terminal
Type of protection	IP20/IP20
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting type	Surface
Mounting location	Ceiling
Application environment	Indoor
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	30000 h ¹⁾
Number of switching cycles	100000

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Emergency lighting

Type of emergency operation test	None
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Certificates & Standards

Standards	CE
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	LED Office Line
	Declarations of conformity	CE Declaration LED Office Line

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075857353	Folding box 1	135 mm x 32 mm x 1,220 mm	1505.00 g	5.27 dm³
4058075857360	Shipping box 8	1,240 mm x 290 mm x 150 mm	12509.00 g	53.94 dm³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.