

# PRODUCT DATASHEET LED Office Line 1.2M 48W 4000K

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	220240 V
Mains frequency	5060 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 $\lambda$	> 0.90
Total harmonic distortion	< 20 %
Protection class	II 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 sdcm
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	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
Housing color	White
Body material	Aluminum
Cover material	Polycarbonate (PC)
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	
Protection class IK (shock resistance)	IK03	
Dimmable	No	
Mounting type	Surface	
Application environment	Indoor	
With light source	Yes	
Replaceable light source	No	

# Lifespan

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

<sup>1)</sup> 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

Certificates & Standards		
Standards	CE / UKCA / EAC	
Luminaire with limited surface temperature, "D sign"	No	

None

# 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
PDF	User instruction / safety instructions	LED OFFICE LINE
PDF	Legal information	Safety insert G11219279
PDF	Declarations of conformity	CE Declaration LED Office Line
PDF	Declarations of conformity UKCA	Fixed LUM

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854532290	Folding box	37 mm x 147 mm x 1,258 mm	1685.00 g	6.84 dm <sup>3</sup>
4099854532306	Shipping box 8	1,270 mm x 310 mm x 175 mm	14739.00 g	68.90 dm <sup>3</sup>

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.