

SYSTEM WORKPLACE LUMINAIRE LED-S | LED-M | LED-L

LED-S: Part no. **32.1160/0**LED-M: Part no. **32.1161/0**LED-L: Part no. **32.1162/0****PRODUCT DESCRIPTION**

- Compact and robust luminaire housing made of self-supporting aluminium profile, natural anodised
- Integrated mounting groove 30 (8 mm)
- Mains connection via 3 m supply cable with Schuko plug
- Integrated ON / OFF switch
- Very good glare protection thanks to micro prism screen plus additional diffuser foil. By turning the film, the reflected glare on high-gloss surfaces can be significantly reduced. The light distribution is softer, but the illuminance is reduced by about 14%.
- Profile end caps made of sheet steel grey, RAL 7012
- Absolutely flicker-free due to DC operation of the LEDs, extremely low-loss integrated electronic LED converter
- Complete with LED light-engine, neutral white (840) of the latest generation
- High luminous efficacy thanks to high-gloss anodised reflectors

PRODUCT ADVANTAGES

- Durable, virtually maintenance-free luminaire: LED life up to 50,000h
- High energy efficiency, approx. 25% more light with half energy consumption
- Smooth, easy to clean, closed construction
- Ready for mains voltage, no separate power supply

Technical Data LED**LED-S**

- Dimensions: 302 x 61 x 80 mm
- Protection: IP 20
- Protection class: I
- Supply voltage: 220-240V, 0/50...60 Hz
- Rated input current at 230 V: 0,045 A
- Lamp: 1 x LED light-engine à 8 W
- Total luminous flux (typical): 1400 lm, or. 1000 LUX at 750 mm distance
- Light colour: 5000 K
- colour rendering (CRI): 1B (Ra >80)

LED-M

- Dimensions: 587 x 61 x 80 mm
- Protection: IP 20
- Protection class: I
- Supply voltage: 220-240 V, 0/50...60 Hz
- Rated input current at 230 V: 0,08 A
- Lamp: 1 x LED light-engine à 13,6 W
- Total luminous flux (typical): 2500 lm, or 1000 LUX at 1000 mmdistance
- light colour: 5000 K
- colour rendering (CRI): 1B (Ra >80)

LED-L

- Dimensions: 872 x 61 x 80 mm
- Protection: IP 20
- Protection class: I
- Supply voltage: 220-240 V, 0/50...60 Hz
- Rated input current at 230 V: 0,1 A
- Lamp: 2 x LED light-engine à 20,4 W gesamt
- Total luminous flux (typical): 3800 lm, or 1350 LUX at 1000 mm distance
- light colour: 5000 K
- colour rendering (CRI): 1B (Ra >80)

STANDARDS AND GUIDELINES

The product complies with the European standards for electrical luminaires, DIN EN 60598 (VDE 0711) and the European standards for electromagnetic compatibility EN 55015, EN 61547, EN 61000-3-2 and thus the EU low-voltage and EU EMC Directive.

INSTALLATION AND OPERATING INSTRUCTIONS

LED-S / M: max.28 lights on a circuit breaker C13.
LED-L: max.22 lights on a circuit breaker C13

ITEMS SUPPLIED

- Luminaire with 3m supply cable and Schuko plug
- Without fastening kit



System workplace luminaire available in different lengths

SYSTEM WORKPLACE LUMINAIRE LED-M / LED-L - DIMMABLE

Dimmable via lamp switch
LED-M: Part no. **32.1163/0**
LED-L: Part no. **32.1165/0**

PRODUCT ADVANTAGES

- Durable, virtually maintenance-free luminaire:
- LED-Lifespan up to 50.000 h
- Smooth, easy to clean, closed construction
- Ready for mains voltage, no separate power supply
- SwitchDIM-Function: infinitely dimmable by integrated or external button, the dimming process adapted to the eye sensitivity
- Memory function: Lamp starts after switching back on in last dimming position

SYSTEM WORKPLACE LUMINAIRE LED-M DIMMABLE

- Dimensions: 587 x 61 x 80 mm
- Protection class: IP 20
- Protection class: I
- Supply voltage: 220-240 V, 0/50...60 Hz
- Nominal input current at 230 V: approx.. 0,1 A
- Bulb: 1 x LED light-engine à 16 W
- Total luminous flux (typical): 2800 lm, resp. 1100 LUX at 1000 mm distance
- Light color: neutral white 5000 K (840)
- Color rendering (CRI): 1B (Ra >80)
- Dimming: 1 - 100%

FASTENING OPTIONS



Fastening kit
system workplace luminaire PA
Part no. 32.1130/0



Fastening kit system work-
place luminaire angle adjust-
able
Part no. 32.1131/0



Fastening kit
system workplace luminaire steel
part no. 32.1132/0

Dimmable via external push-button LED-M:
Part no. **32.1164/0**
LED-L: Part no. **32.1166/0**

INSTALLATION AND OPERATING INSTRUCTIONS

- Operate max. 20 lights on one circuit breaker C13 (max 10 pcs / B13).

ITEMS SUPPLIED

- Luminaire with 3m supply cable and Schuko plug with internal
- Luminaire with 4m supply cable without plug with external
- Without fastening material

SYSTEM WORKPLACE LUMINAIRE LED-L DIMMABLE

- Dimensions: 872 x 61 x 80 mm
- Protection class: IP 20
- Protection class: I
- Supply voltage: 220-240 V, 0/50...60 Hz
- Nominal input current at 230 V: approx. 0,13 A
- Bulb: 2 x LED light-engine à 24 W
- Total luminous flux (typical): 4250 lm, resp. 1500 LUX at 1000 mm distance
- Light color: neutral white 5000 K (840)
- Color rendering: (CRI): 1B (Ra >80)
- Dimming: 1 - 100%

PROFILE LUMINAIRE LUCIDUS

Profile luminaire S Part no. **32.1169/0**

Profile luminaire M Part no. **32.1170/0**

Profile luminaire L Part no. **32.1171/0**



– Luminaire embedded in the profile

Product description

- The profile luminaire Lucidus optimally illuminates the work area. At the workbench, at machines, at home, in the office and in many other places.
- Profile light dimensions suitable for MiniTec profile 45 x 45
- Can be integrated into MiniTec frame constructions
- Load capacity according to MiniTec profile
- Standard lengths 446 mm, 646 mm and 1016 mm, also special lengths available
- High luminosity
- Built-in power supply unit, electrical connection on site via terminals
- The luminaire can also be dimmed via a separate 0-10V control line
- IP68 waterproof design (outdoor) possible
- Flicker-free light without UV / IR component
- Colour rendering index RA (CRI): 83
- Suitable for manual workplaces, exhibition stands, machines, milling machines, lathes, designer lamps, advertising lighting, trade fair technology

PRODUCT ADVANTAGES

- Can be used directly as a profile
- Fastening possible with all fastening elements from the MiniTec modular profile system
- Durable, virtually maintenance-free luminaire: LED service life up to 50000 hours
- High energy efficiency
- Slightly dimmable
- Special lengths available

Specifications

EN55015:2006, EN61000 and EN61547:2009

Items supplied

- Luminaires in respective length, with attached power supply.
- The luminaires can also be supplied dimmable on request

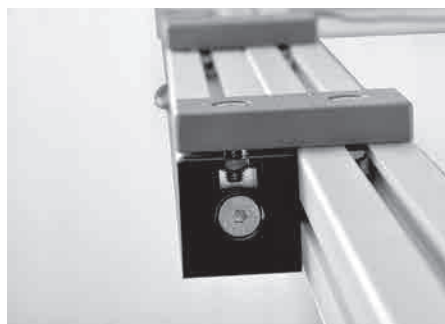
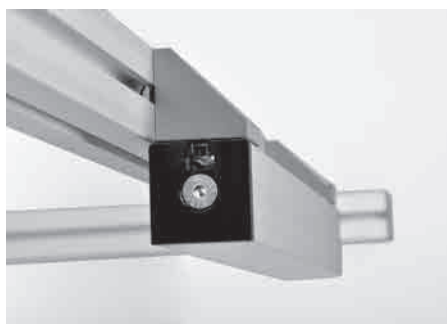
PROFILE LUMINAIRE LUCIDUS

Profile plate for profile luminaire,
Fastening possible with all fastening elements from the MiniTec profile construction kit.

FASTENING OPTIONS



Lateral bracket
height adjustable/rotatable



Upper bracket
adjustable/rotatable

TECHNICAL DATA

TYPE	Profilleuchte S L=446mm	Profilleuchte M L=646mm	Profilleuchte L L=1016mm
Part no.	32.1169/0	32.1170/0	32.1171/0
Total length in mm	446	646	1016
Illuminated length in mm	430	630	1000
Illuminated width in mm	40	40	40
Luminaire profile width in mm	45	45	45
Luminaire profile height in mm	45	45	45
Mounting groove (top side) in mm	8	8	8
Lamp	SMD LED	SMD LED	SMD LED
Supply voltage	240 V	240 V	240 V
Power in W	30	40	60
Illuminance in lx (at 1000 mm distance)	3200	4600	7300
colour temperature SMD LED in K	approx. 6000 (daylight white)	approx. 6000 (daylight white)	approx. 6000 (daylight white)
Expected life in hours	> 50000	> 50000	> 50000