

NEW

Dustproof/Waterproof Light Fitting with Diffuser Series 161... LED



Application:

At workplaces and for illuminating and identifying escape routes etc.

Mechanical Design:

Housing: Glass fibre reinforced polyester resin, silicone gasket.

Diffuser: Injected, acrylic glass, frosted, additional clear cover over the LED-modules to ensure protection against contact.

Closure: Three-part captive plastic clips

(KK), incl. 2 safety clips (KKS)

Reflector: Aluminium, painted can be suspended or removed and carries the electrical components.

Connection: 4-pole terminal.

Cable entries: 2 plugs M20.

Mounting: Closed knock-outs on both sides for direct ceiling mounting (to be opened at site). Sealing and pressure disks inside each fitting.

Technical Data:

Incorporated NiCd battery, electronic charger, short circuit protected battery and reverse battery protection

Visual monitoring the battery charging process by LED.

Electronic deep discharge protection: acc. to EN 61347-2-7

Re-charging time: 24h, acc. to EN 60598-2-22

Mode of operation:

maintained operation = switching over to battery operation in case of mains failure, line modules will be operated with reduced luminous flux as emergency lighting.

LED: Line modules 4.000K, $R_a > 80$, life of operation $L_{70B_{10}} > 50.000h$ at max. ambient temperature

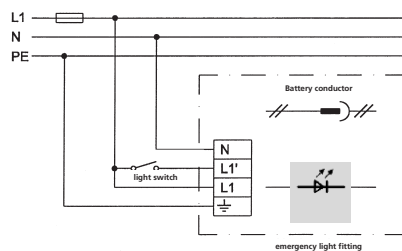
Connection voltage: 220-240V 50/60Hz

Ambient temperature: -5°C up to +30°C (maintained operation)

Options:

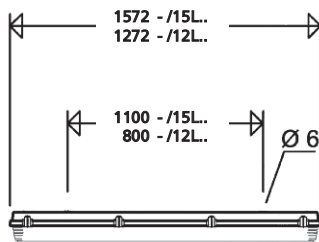
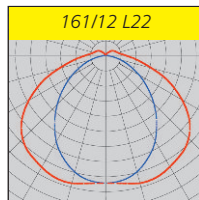
- for application in food industrie (LM)
- according to „International-Food-Standard“ (IFS)
- for higher ambient temperatures
- dimmable, DALI-interface (DIMD)
- PC-diffuser frosted (FPC)
- NiMH battery (for 1h operation)
- .../MA automatic monitoring the emergency light fitting according to EN 62034, indication of the test results by 2-coloured LED (luminescence diode) at the luminaire.

Maintained operation

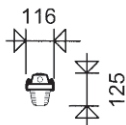


Installation: connect battery conductor

Decommission: disconnect battery conductor



Series 161...



SCHUCH quality - your advantage:

- up to 60% energy cost saving in comparison to illumination with 58W-fluorescent-lamps (conventional ballast) due to less power consumption
- further saving of energy costs in dimmed operation in dependency of the dimming-adjustment
- instant light of the maximum luminous flux, ideal for light control via motion sensor, light beam or door contact
- homogeneous illumination by using frosted diffusers, no particular light points visible, comfortable perception of light, brilliant glare limitation
- **high colour reproduction $R_a > 80$, according to** according to the workplace guide lines suitable for nearly all plant locations
- lower maintenance and downtime costs due to long maintenance intervals
- future proof by using standardized LED-Modules

161... LED

with line module



Artikelnummer	Type	Systemleistung (inkl. Batterieladung) [W]	Leuchtenlichtstrom [lm]	Leuchtenlichtstrom (Notbetrieb) [lm]	Lichtausbeute [lm/W]	Brenndauer 1Std.	Brenndauer 3Std.	Gewicht [kg] (ohne Verpackung)
161180031	161 12L22/1 TD	25	2.740	720	109	•		3,1
161180032	161 15L34/1 TD	30	3.430	690	114	•		3,8
161180033	161 12L42/1 TD	40	4.250	720	106	•		3,1
161180034	161 15L60/1 TD	55	6.190	690	112	•		3,8
161180041	161 12L22/3 TD	26	2.740	700	105		•	3,5
161180042	161 15L34/3 TD	31	3.430	690	110		•	4,2
161180043	161 12L42/3 TD	41	4.250	700	104		•	3,5
161180044	161 15L60/3 TD	56	6.190	690	110		•	4,2

Notes:

Limitations for LED-light fittings: See chapter „Use of LED lighting in corrosive atmospheres“ in the Technical Appendix.

All technical data is relevant at the time of print. Actual technical data can be found in the internet under www.schuch.de.