



## Compact Emergency and Escape Sign Light Fitting with Highpower-LED Series 3611 ...

### Applications:

Humid, wet and dusty locations in the trade, commerce and industry for emergency lighting as well as for illuminating and indicating any escape routes.

### Design:

**Housing:** Die cast aluminium, white. All electrical components located inside the housing, wired ready for connection.

**Cover:** PC frosted, silicone gasket. As

indication sign light fitting with white opalescent PC glass (W) and pictogram. (Please order separately, see „Spare parts“).

**Connection terminal:** 3 or 4 poles.

**Cable entry:** 1 plug M20 on the front side.

**Mounting:** 2 outer fastening points.

### Technical data:

**LED:** Linear module 4,000 K or 6,400K (Versions ... L02W),  $R_a > 80$ , service life  $L_{90} > 50,000$  h at 25 °C ambient temperature, service life  $L_{80} > 70,000$  h and  $L_{70} > 100,000$  h at max. ambient temperature

**Built-in NiMH battery:** A constant trickle charge to the battery ensures readiness of operation at all times.

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

**Recharging time:** 24 h, acc. to EN 60598-2-22.

**Automatic monitoring** of the emergency light fitting acc. to EN 62034. The test results are indicated by a two-colour LED on the fitting.

### Modes of operation:

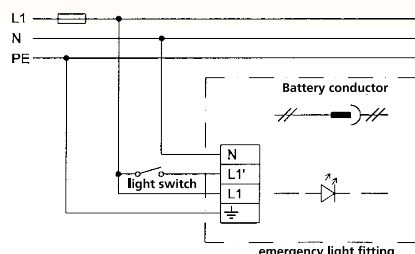
**Stand-by operation:** Emergency light switches on in case of mains failure

**Maintained operation:** Switching over to battery operation in case of mains failure

**Voltage:** 220-240 V, 50/60 Hz.

**Ambient temperature:** 0 °C up to +30 °C in stand-by operation  
0 °C up to +40 °C in maintained operation

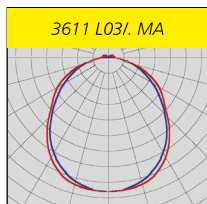
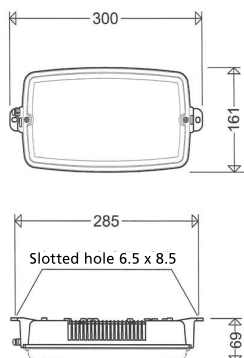
### Wiring diagram maintained/stand by operation



**Installation:** connect battery conductor

**Decommission:** disconnect battery conductor

**Stand-by operation:** do not connect L1'



### Options:

– cable looping at 1 small size

### For self-contained emergency luminaire:

– DALI interface for centralised monitoring, compatible with LIMAS Line PRO or Line ESC wired Light Management Systems

### For a central power supply system:

– for connection to a central power supply system with integrated monitoring module

### Advantages of the emergency light version:

- safety in an emergency, immediate full light (100 % luminous flux) even at low temperatures
- stable luminous flux in the emergency operation independent from the ambient temperature
- always ready for operation due to permanent trickle charging of the battery (MA-versions)
- outstanding even illumination of the pictogram, fulfills EN 1838 and DIN 4844

### General product highlights:

- robust die-cast aluminium luminaire for rough environments
- ideal for small spacing
- homogeneous illumination by using frosted diffusers, comfortable perception of light
- best suitable in the food industry and in the food processing industry especially in risky areas falling under the IFS standards (International Featured Standard Food)
- quick mounting with outer fixing points
- sustainable, control gear and LED-module replaceable by qualified personnel on-site
- future proof by using standardized LED-modules (Zhaga) and long-term availability of spare parts

Article no.	Type	Connected load [W] (incl. battery charge)	Luminous flux [lm]	Luminous flux [lm] (emergency operation)	Luminous efficacy [lm/W]	Light fitting for pictogram	Operating time 1 h	Operating time 3 h	Weight [kg] (without packing material)
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## 3611 .../. MA



### self-contained emergency luminaire with automatic monitoring

36111 0050	3611 L02/1 W MA	5,0	170	170	34	•	•		1,0
36111 0051	3611 L02/3 W MA	5,0	170	170	34	•		•	1,2
36111 0033	3611 L03/1 MA	5,0	290	290	58		•		1,0
36111 0034	3611 L03/3 MA	5,0	290	290	58			•	1,2

Properties, limitations and details for controlling LED-light fittings:

See "Technical Supplement"

All data are correct at the time of printing. Actual technical data can be found under [www.schuch.de](http://www.schuch.de).

Article no.	Type	Connected load [W] (incl. battery charge)	Luminous flux [lm]	Luminous flux [lm] (emergency operation)	Luminous efficacy [lm/W]	Light fitting for pictogram	Operating time 1 h	Operating time 3 h	Weight [kg] (without packing material)
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## 3611... ZB



### for central power supply systems

For connection to central power supply systems for illuminating and indicating escape routes.

#### Technical data:

Light fitting with incorporated fuse for cut-off in case of failure according to DIN EN 60598-2-22, section 22.7.3.

Connection voltage: 220-240 V, 50/60 Hz and 220 V DC

Ambient temperature: -20 °C to +30 °C

36111 0030	<b>3611 L02 W ZB</b>	4,0	170	170	43	•			0,9
36111 0035	<b>3611 L05 ZB</b>	6,0	660	660	110				0,9
36111 0036	<b>3611 L10 ZB</b>	10,0	1.180	1.180	118				0,9



Type 3611 ... with pictogram

#### Self-adhesive pictogram green / transparent



PIK 220/110/32



.../33



PIK 220/110/34



.../35

For light fittings with white opal glass.

For marking escape routes acc.to DIN EN ISO 7010 and ASR A1.3.

Viewing distance = 22 m

## Accessories / Spare Parts

Article No.	Type	
<b>spare diffusers</b>		
36004 9003	<b>ABD 3611 F</b>	cover, frosted PC diffuser, for 3611...
36004 9002	<b>ABD 3611 W</b>	cover, PC diffuser, white opalescent, for 3611... W
<b>Self adhesive legends</b>		
12112 0100	<b>PIK 220/110/32</b>	Emergency exit upstairs
12112 0101	<b>PIK 220/110/33</b>	Emergency exit to the left
12112 0102	<b>PIK 220/110/34</b>	Emergency exit to the right
12112 0103	<b>PIK 220/110/35</b>	Emergency exit below

Accessories and spare parts please see section „Dustproof/Waterproof LED Light Fitting with Diffuser Series **3611 ... LED**“ in our catalogue. When ordering electronic parts or battery sets please always mention the article no. of the respective fitting.