

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



Application:

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: High power LED, white, 6.500K, $R_a > 70$ (version ...201) or line modul 4.000K, $R_a > 80$ (versions ...L..), life expectancy $L_{80} > 50.000h$, at max. ambient temperature (see notes)

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 hours, 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: 220-240V, 50/60Hz.

Ambient temperature: -5°C up to +30°C in stand-by operation
0°C up to +40°C in maintained operation

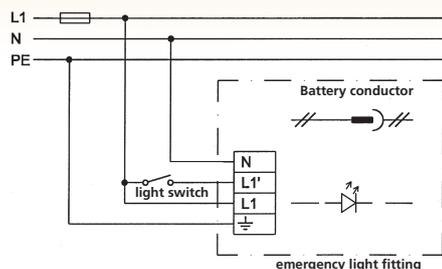
Options:

– same side in/out wiring (2 entries at one side M20 x 1,5)

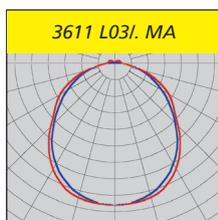
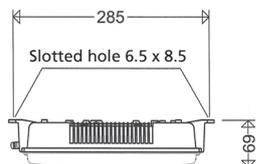
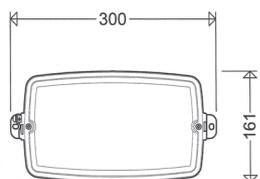
in case of connection to a central power supply unit:

– with integrated LED supply- and monitoring module for monitoring individual light fittings connected to group- or central battery systems. We recommend Central Battery Systems from INOTEC.

Wiring diagram maintained/stand by operation



Installation: connect battery conductor
Decommission: disconnect battery conductor
Stand-by operation: do not connect L1'



SCHUCH Quality - Your advantage:

- up to 71% energy saving in comparison with an 8W fluorescent lamp
- 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
- outstanding even illumination of the pictogram, fullfills EN 1838 and DIN 4844
- reduced battery capacity
- little thermal stress
- low weight
- almost maintenance-free operation due to long operation life of the LED ($\geq 50,000h$)
- no costs for lamp replacement

Article no.	Type	Power consumption [W] * (incl. battery charge)	Luminous flux [lm] *	Luminous flux [lm] * (emergency mode)	Luminous efficacy [lm/W]	Suitable for pictogram	1h operating time	3h operating time	Energy efficiency class	Weight [kg] (without packing material)
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3611 .../. MA



with incorporated battery set and monitoring system

36111 0011	3611 201/1 W MA	5,0	100	100	20	•	•		A++	1,0
36111 0012	3611 201/3 W MA	5,0	100	100	20	•		•	A++	1,4
36111 0033	3611 L03/1 MA	5,0	280	280	56		•		A++	1,1
36111 0034	3611 L03/3 MA	5,0	280	280	56			•	A++	1,2

* see notes.

Notes:

Properties, limitations and details for controlling LED-light fittings: See „Technical Supplement“.

All technical data is relevant at the time of print.

Actual technical data can be found in the internet under www.schuch.de.

Subject to technical changes, misprints and errors..

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3611 ... ZB



for connection to central power supply unit

Application:

For connection to group or central battery systems or to an emergency mains for illuminating and identification of

escape routes. We recommend Central Battery Systems from INOTEC.

Technical data:

ECG: For operation on 220-240V, 50/60Hz and 220V DC with incorporated fuse for cutting off in case of failure according to DIN EN 60598-2-22, VDE 0711-2-22, section 22.7.3.

36111 0016	3611 201 W ZB	4,0	100	100	25	•			A++	0,9
36111 0035	3611 L05 ZB	5,0	550	550	110				A++	0,9
36111 0036	3611 L10 ZB	10,0	970	970	97				A++	0,9

* see notes



Type 3611 ... with pictogram

Self-adhesive pictogram



220/110/33 .../34 .../35

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

Viewing distance = 22m.

Accessories / Spare Parts

Article No.	Type	
spare diffusers		
36004 9003	3611/03	PC, frosted
36004 9002	3611/02	PC, white opalescent
Self adhesive legends		
12112 0101	220/110/33	Emergency exit to the left
12112 0102	220/110/34	Emergency exit to the right
12112 0103	220/110/35	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.

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