



Compact Emergency and Escape Route Light Fitting with Highpower-LED Series 3611 201 LED/. MA ..

Application:

Humid, wet and dusty locations in the trade, commerce and industry for illumination or indicators of escape routes.

Mechanical design:

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

Cover: Satined PMMA, foamed silicone gasket. As indication sign light fitting

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

Connection terminal: 3 or 4 poles.

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

Cable entry: 1 plug M20 on the front side.

Mounting: 2 fastening points. Sealing and pressure disks can be found inside the fitting.

Technical Data:

LED: Highpower-LED, 6.500K, R_a 70, life expectancy $L_{70B10} > 50.000h$ at max. ambient temperatur.

...RW: integrated optics with Batwing characteristic, 5,000K

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

Automatic monitoring of the emergency light fitting acc. to EN 62034. The test results are indicated by a 2-colour LED on the fitting.

Electronic deep discharge protection:

Recharging time: 24 hours acc. to EN 60598-2-22.

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

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

-5°C up to +40°C (stand-by wiring)

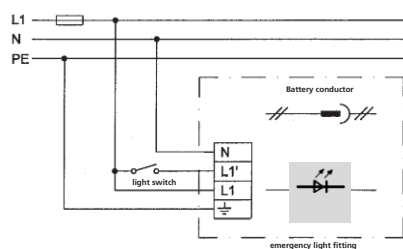
Options:

- same side in/out wiring (2 entries at one side M20 x 1,5)
- PC-diffuser frosted

For series 3611... in case of connection to central power supply unit

– with integrated 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

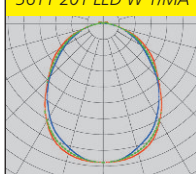


Starting: Connect battery conductor

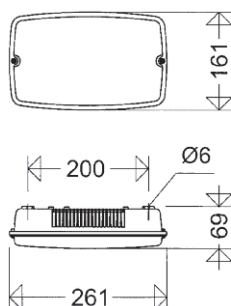
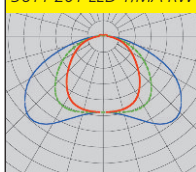
Out of operation: Disconnect battery conductor

Stand-by operation: Do not connect L1'

3611 201 LED W 1/MA



3611 201 LED 1/MA RW



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 visibility of the indication sign due to a superb and even illumination of the pictogram
- great distances between the light fittings (up to about 12m) when illuminating escape routes due to the LED integrated optics with Batwing characteristic (**version... RW**)
- 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

3611 201 . ./MA ..

with incorporated battery set and monitoring system



Type	Article no.	Power/ consumption ¹⁾ W	Luminous flux mains/emergency lm	luminous efficacy lm/W	Weight ca. kg ³⁾
Indication sign light fitting, 1h operating time					
3611 201 W/1 MA	36111 0001	5	100 100	20	1,1
... 3h operating time					
3611 201 W/3 MA	36111 0002	5	100 100	20	1,3
Escape route light fitting, 1h operating time²⁾					
3611 201/1 MA RW	36111 0003	5	190 190	38	1,1
... 3h operating time					
3611 201/3 MA RW	36111 0004	5	190 190	38	1,3

1) incl. battery charge

2) Light fitting **not** suitable for pictogram

3) Weights without packing material

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.

3611 201... 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 230V AC 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 22.6.3.

Type	Article no.	Power/ consumption W	Luminous flux lm	luminous efficacy lm/W	Weight ca. kg ²⁾
... escape route light fitting ¹⁾					
3611 201 RW ZB	36111 0005	4	190	48	0,9
... pictogram/escape sign light fitting with PC glass cover opalescent white					
3611 201 W ZB	36111 0006	4	100	25	0,9

1) Basically supplied w/o pictogram

2) weights without packing material



Type 3611 ... with pictogram

Self-adhesive pictograms



.../33

.../34

.../35

for escape route identification acc. to DIN EN ISO 7010 and ASR A1.3.
Viewing distance = 22m.

Accessories / Spare Parts

Type	Article no.	
Spare glasses		
3611/01	36004 9001	PMMA, frosted
3611/02	36004 9002	PC, weiß-opal
Self adhesive legends		
220/110/33	12112 0101	Emergency exit to the left
220/110/34	12112 0102	Emergency exit to the right
220/110/35	12112 0103	Emergency exit below