Compact Explosion-Protected Emergency and Escape Sign Light Fitting with Highpower LED for Zones 2 and 22 Series nD8611/… LED

Application:
For identifying escape routes in hazardous areas of zones 2 and 22.

Design:
Housing: Diecast aluminium, natural finish, gear set located inside the housing, wired ready for connection.
Cover: Polycarbonate opalescent white, (W), foamed silicone gasket. (Pictograms – if required – to be ordered separately, see accessories).

Technical Data:
- LED: Highpower LED, 6.500K, Rg70, L70B10 > 50.000h at max. ambient temperature
- Built-in NiMH battery. A constant trickle charge to the battery ensures readiness of operation at all times.
- Automatic monitoring the emergency light fitting acc. to EN 62034. Indication of the test results by 2-colour LED on the light fitting.
- Electronic deep discharge protection
- Recharging time: 24 h, acc. to EN 60598-2-22
- Modes of operation: Maintained or stand-by operation

Options:
- with monitoring device for individual monitoring the light fittings
- cable looping on one side
- different voltages
- ECG for safety extra-low voltage (24V DC)
- for different ambient temperatures

SCHUCH Quality - your advantage:
- energy saving up to 71% in comparison to an 8W fluorescent tube
- applicable at a wide temperature range from -20°C/-5°C up to +40°C (+60°C special versions)
- safety in an emergency case, instant full light output (100% luminous flux) also at low temperatures
- stable luminous flux in emergency operation independent from the ambient temperatures
- outstanding visibility of the indication sign due to a superb and even illumination of the pictogram
- reduced battery capacity
- little thermal stress
- low weight
- almost maintenance-free operation due to long operation life of the LED
- no costs for lamp replacement
- robust against vibrations and shakings

<table>
<thead>
<tr>
<th>Article no.</th>
<th>Type</th>
<th>Power consumption [W] *</th>
<th>Luminous flux [lm] *</th>
<th>Luminous efficacy [lm/W]</th>
<th>1h operation time</th>
<th>3h operation time</th>
<th>Energy efficiency class</th>
<th>Weight [kg] (without packing material)</th>
</tr>
</thead>
<tbody>
<tr>
<td>nD8611/201 W</td>
<td>escape route light fitting</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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</table>

Limited 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.

Subject to technical changes, misprints and errors.
# nD8611/201/. W

emergency/escape route light fitting with built-in battery

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<th>Weight [kg] (without packing material)</th>
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<tbody>
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<td>nD8611/201/1 W</td>
<td>5</td>
<td>100</td>
<td>20</td>
<td>+</td>
<td>+</td>
<td>A++</td>
<td>1,1</td>
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<tr>
<td>86111 0003</td>
<td>nD8611/201/3 W</td>
<td>5</td>
<td>100</td>
<td>20</td>
<td>+</td>
<td>+</td>
<td>A++</td>
<td>1,3</td>
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</table>

* see notes

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### Accessories / Spare Parts

<table>
<thead>
<tr>
<th>Article no.</th>
<th>Type</th>
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</thead>
<tbody>
<tr>
<td>36004 9002</td>
<td>3611/02</td>
<td>PC, white opalescent</td>
</tr>
<tr>
<td>12112 0101</td>
<td>220/110/33</td>
<td>Emergency exit to the left</td>
</tr>
<tr>
<td>12112 0102</td>
<td>220/110/34</td>
<td>Emergency exit to the right</td>
</tr>
<tr>
<td>12112 0103</td>
<td>220/110/35</td>
<td>Emergency exit below</td>
</tr>
<tr>
<td>90120 9008</td>
<td>2531 G</td>
<td>Ex-plastic cable gland M20 x 1,5 with nut</td>
</tr>
<tr>
<td>90121 9005</td>
<td>2532 G</td>
<td>Ex-plastic cable gland M20 x 1,5 with plug and with nut</td>
</tr>
<tr>
<td>90222 9026</td>
<td>Akku 8620</td>
<td>Spare-battery 1h</td>
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<tr>
<td>90222 9027</td>
<td>Akku 8621</td>
<td>Spare-battery 3h</td>
</tr>
</tbody>
</table>

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Type nD8611/... with pictogram 220/110/35

Self-adhesive pictogram

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

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

Viewing = 22m.

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LED Catalogue 2016/17

01.03.16