NEW LED EMERGENCY LIGHTING UNITS
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HIGH-PERFORMANCE ENVIRONMENT FRIENDLY TECHNOLOGY
LEGRAND PRINCIPLES

INNOVATION
LED technology, high-performance products, reducing energy consumption and greenhouse gas emissions. Our commitment is to make available for you innovative solutions ensuring the safety of people.

STANDARD COMPLIANCE
We manufacture our products by applying the most stringent quality controls, complying with the requirements of standards IEC and EN 60598-2-22.

ECO-DESIGN
We take account of the environmental dimension throughout the entire life cycle of our emergency lighting units.

INTEGRATION
Attractive products smoothly integrated into the building Discreet products that disappear into the different architectural spaces while remaining visible when needed.
GUARANTEED SECURITY

Emergency lighting units with automatic testing system reduce maintenance time and costs.
Emergency lighting units are essential products that must be fully operational in order to ensure the safety of people in the event of emergency evacuation. Proper maintenance is the only guarantee of their good working order.

Legrand provides you with 3 control options to suit the needs of your installation.

1 STANDARD EMERGENCY LIGHTING UNITS

Maintenance tests have to be performed manually.

2 LVS2 AUTOTEST EMERGENCY LIGHTING UNITS

Autotest emergency lighting units automatically carry out a weekly test for emergency mode and lamp status check and a quarterly test for battery duration check.

The test’s result is visible on the product through 2 signalling LEDs [green and amber]:

- Green LED [on steady or blinking]: unit operational.
- Amber LED blinking: lamp defective.
- Amber LED on steady: battery defective.

3 LVS2 AUTOTEST & ADDRESSABLE EMERGENCY LIGHTING UNITS

The operational status of every emergency lighting unit is continuously checked and centralized in the control interface, and displayed on background plans of the building with the new LVS2 PC supervision software.

All emergency lighting units are interconnected to a dedicated Legrand bus line.
Low power consumption.
Long life high performance.
Optimized light output.
Non maintained standard and alternative units.
Lumen output: IP42-IK07.
Duration: 1, 2 and 3 hours.
Opal diffuser.
Rest mode with DIN rail mount option.
URA ONE
LED minimalism extra slim
Compact size

1 TECHNICAL SPECIFICATIONS
- Low power consumption.
- Longlife high power LED (>100,000 h).
- Optimized lighting distribution.
- Non maintained and Maintained units.
- Standard and autotest / addressable units.
- Lumen output: 70 to 350 lumens.
- IP42-IK07.
- Duration: 1, 2 and 3 hours.
- Opal diffuser.
- Rest mode with remote control unit (DIN rail mounted).

2 INSTALLATION
- Quick and safe installation.
- Translucent plug-in base for easy refurbishment.
- Automatic terminals in the base.
- Toolless snap-fit product mounting.
- Surface-mounting, slim flush-mounting, suspension and flag-mounting, with or without decorative frame, with or without vertical signalling plate.

3 STANDARDS
- Design and manufacturing certified to IEC and EN 60598-2-22 standards related to luminaires for emergency lighting.
- RoHS compliant
- PEP declaration [Product Environmental Profile].
Reduced power consumption
Longlife high performance units.
Non maintenance required
Standard and accessory units.
Lumen output: IP42-IK07.
Duration: 1, 2 and 3 hours
Rest mode with Opal diffuser.
(DIN rail mounting)
### U21 LED

**LED functionality**

**Energy efficiency**

#### 1 TECHNICAL SPECIFICATIONS
- Reduced power consumption.
- Longlife high power LED (>100,000 h).
- Non maintained and Maintained units.
- Standard and autotest / addressable units.
- Lumen output: 70 to 350 lumens.
- IP42-IK07.
- Duration: 1, 2 and 3 hours.
- Opal diffuser.
- Rest mode with remote control unit (DIN rail mounted).

#### 2 INSTALLATION
- Quick and safe installation.
- Plug-in base.
- Automatic terminals in the base.
- Toolless snap-fit product mounting.
- Surface-mounting and flush-mounting.

#### 3 STANDARDS
- Design and manufacturing certified to IEC and EN 60598-2-22 standards related to luminaires for emergency lighting.
- RoHS compliant
# B65 LED

Functionality LED weatherproof
Extra weatherproof

## 1 TECHNICAL SPECIFICATIONS
- Low power consumption.
- Longlife high power LED (>100,000 h).
- Maintained units.
- Standard and autotest / addressable units.
- Lumen output: 100 to 350 lumens.
- IP65-IK07.
- Duration: 1 and 3 hours.
- Opal diffuser.
- Rest mode with remote control unit (DIN rail mounted).

## 2 INSTALLATION
- Quick and safe installation.
- Plug-in base.
- Automatic terminals in the base.
- Flexible cable entries for rigid tubes up to Ø25 mm.
- Toolless snap-fit product mounting.
- Surface-mounting.

## 3 STANDARDS
- Design and manufacturing certified to IEC and EN 60598-2-22 standards related to luminaires for emergency lighting.
- RoHS compliant
- PEP declaration (Product Environmental Profile).
Non maintained and maintained LED emergency lighting units
Certified to IEC and EN 60598-2-22 standards related to luminaires for emergency lighting. High power LEDs with optimized lighting distribution (LED lifetime > 100,000 h). IP 42, IK 07. Power supply: 230 V ± 10% - 50/60 Hz. Class II. Low consumption technology
Switching power supply on maintained units. Duration: 1, 2 and 3 hours. Ni-Cd or Ni-MH batteries. Recharge time: 24 hours.
Charge monitor with a green LED
Automatic terminals with high capacity: 2 x 2.5 mm² for the electrical power supply and for the remote control circuit. Remote control terminals protected against reversed wiring with the power supply. The remote control may be used to remotely disable the emergency lighting units to avoid unnecessary battery discharge in the event of a deliberate cut in normal lighting. Plug-in back with pre-cut holes grid to ease installation and maintenance
Opal diffuser. Housing fully recyclable. Flat flush-mounting integration into false ceiling & wall with flush-mounting frame Cat.Nos 6 616 50/51
Decorative frame to enhance surface-mounting aesthetic integration Cat.Nos 6 616 54/55

### URA ONE Standard emergency lighting luminaires

<table>
<thead>
<tr>
<th>Lumens</th>
<th>Duration</th>
<th>Lamps</th>
<th>Battery</th>
</tr>
</thead>
<tbody>
<tr>
<td>70</td>
<td>1 h</td>
<td>2 LED</td>
<td>Ni-Cd</td>
</tr>
<tr>
<td>160</td>
<td>1 h</td>
<td>4 LED</td>
<td>Ni-Cd</td>
</tr>
</tbody>
</table>

### URA ONE Autotest / addressable LVS2 emergency lighting luminaires

<table>
<thead>
<tr>
<th>Lumens</th>
<th>Duration</th>
<th>Lamps</th>
<th>Battery</th>
</tr>
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<tbody>
<tr>
<td>100</td>
<td>1 h</td>
<td>2 LED</td>
<td>Ni-Cd</td>
</tr>
<tr>
<td>200</td>
<td>3 h</td>
<td>4 LED</td>
<td>Ni-MH</td>
</tr>
</tbody>
</table>

### Accessories

<table>
<thead>
<tr>
<th>Pack</th>
<th>Cat. Nos</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<tr>
<td>1</td>
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<tr>
<td>1</td>
<td>6 616 64</td>
</tr>
<tr>
<td>1</td>
<td>6 616 65</td>
</tr>
</tbody>
</table>

1. Compatible with signalling plate
2. Compatible with signalling plate, supplied with metal tube Ø16 mm and 40 cm long. Compatible with standard metal tubes Ø16 and 20 mm for higher lengths. Suspension mounted emergency lighting units have a reduced protection index of IP40
3. Enquire about availability
Indoor self-contained emergency lighting luminaire LED - URA ONE

Adhesive labels for safety signalling
Dimensions 100 x 200 mm
Rotating arrow to 4 directions
Pictograms certified to EN ISO 7010 standard

<table>
<thead>
<tr>
<th>Emb. Réf.</th>
<th>Adhesive label</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 6 616 70</td>
<td>Running man pictogram</td>
</tr>
<tr>
<td>5 6 616 71</td>
<td>Evacuation pictogram</td>
</tr>
<tr>
<td>5 6 616 72</td>
<td>Staircase pictogram</td>
</tr>
<tr>
<td>5 6 616 80</td>
<td>Inscription EXIT</td>
</tr>
<tr>
<td>5 6 616 81</td>
<td>Inscription UITGANG</td>
</tr>
<tr>
<td>5 6 616 82</td>
<td>Inscription SALIDA</td>
</tr>
<tr>
<td>5 6 616 83</td>
<td>Inscription SALIDA DE EMERGENCIA</td>
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<tr>
<td>5 6 616 84</td>
<td>Inscription IRTEERA</td>
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<td>5 6 616 85</td>
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<td>5 6 616 86</td>
<td>Inscription SORTIE</td>
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<td>5 6 616 87</td>
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<td>5 6 616 88</td>
<td>Inscription NO EXIT</td>
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<tr>
<td>5 6 616 89</td>
<td>Inscription SIN SALIDA</td>
</tr>
<tr>
<td>5 6 616 90</td>
<td>Fire extinguisher pictogram</td>
</tr>
<tr>
<td>5 6 616 91</td>
<td>Fire hose reels pictogram</td>
</tr>
</tbody>
</table>

Installation
Surface-mounting

Flush-mounting with the slim flush-mounting frame
Cat. No 6 616 50/51

Surface-mounting with vertical signalling plate
Cat. No 6 616 64

Flush-mounting with a dedicated set including a special flush-mounting frame with a vertical signalling plate Cat. No 6 616 65

Dimensions (in mm)

Accessories
Slim flush-mounting frame Cat. No 6 616 50/51

Vertical signalling plate Cat. No 6 616 64

Special flush-mounting with a vertical signalling plate Cat. No 6 616 65
Non maintained and maintained LED emergency lighting units
Certified to IEC and EN 60598-2-22 standards related to luminaires for emergency lighting. High power LEDs with optimized lighting distribution (LED lifetime > 100,000 h) IP 42, IK 04 - Class II
Power supply: 230 V ± 10% - 50/60 Hz. Switching power supply on maintained units. Duration: 1, 2 and 3 hours. Ni-Cd or Ni-MH batteries.
Charging time: 24 hours. Charge monitor with a green LED
Automatic terminals with high capacity: 2 x 2.5 mm² for the electrical power supply and for the remote control circuit
Remote control terminals protected against reversed wiring with the power supply . The remote control may be used to remotely disable the emergency lighting units to avoid unnecessary battery discharge in the event of a deliberate cut in normal lighting. Opal diffuser
4 cable knock-outs for flexible sheath or rigid tube Ø20 mm : 1 entry in the base ; 2 entries in the sides ; 1 entry on the top
Surface-mounting or flush-mounting with frame Cat. No 6 617 20

Indoor self-contained emergency lighting luminaire LED - U21LED

Non maintained (NM)

10 6 616 01 70 1 h 2 LED Ni-Cd
10 6 616 02 100 1 h 2 LED Ni-Cd
10 6 616 05 160 1 h 4 LED Ni-Cd

Maintained / Non maintained (M/NM)

10 6 616 03 100 1 h 4 LED Ni-Cd
10 6 616 06 200 1 h 4 LED Ni-Cd
10 6 616 07 350 1 h 4 LED Ni-Cd
1 6 616 10 100 3 h 4 LED Ni-Cd
1 6 616 12 200 2 h 4 LED Ni-MH

Maintained / Non maintained (M/NM)

U21LED Autotest / addressable LVS2 emergency lighting luminaires

Autotest / addressable luminaires incorporate an automatic self-testing system in order to check the emergency mode
The test’s result is visible on 2 signalling LEDs (green-OK and yellow-defective). Addressable function is activated by setting an ID on each luminaire with infrared configuration tool (Cat.No 0 626 10) and wiring a complementary BUS line. Operating status of all addressable luminaires can be centralized by the control interface (Cat.No 0 626 00) and monitored on a local touch screen controller (Cat.No 0 626 01), or with the building’s plan on Legrand Vision System (LVS2) PC software (Cat.No 0 626 02). These Maintained luminaires can also operate in Non maintained mode according to the wiring of normal lighting

Lumens Duration Lamps Battery
1 6 626 03 100 1 h 4 LED Ni-Cd
1 6 626 06 200 1 h 4 LED Ni-Cd
1 6 626 07 350 1 h 4 LED Ni-MH
1 6 626 10 100 3 h 4 LED Ni-MH
1 6 626 12 200 2 h 4 LED Ni-MH

Accessories

Wall flush-mounting
With frame and box 6 617 20
Flush-mounting frame for dry partition 6 617 21
Flush-mounting box for masonry 6 617 20

Ceiling flush-mounting
Flush-mounting frame for dry partition 6 617 20

Accessories

Flush-mounting cut-out in dry partitions with Cat. No 6 617 20
Flush-mounting cut-out in masonry with Cat. Nos 6 617 20 + 6 617 21
New LED emergency lighting units which can also operate in Non-maintained mode Certified to IEC and EN 60598-2-22 standards related to luminaires for emergency lighting High power LEDs with optimized lighting distribution (LED lifetime > 100,000 h) Power supply: 230 V ± 10% - 50/60 Hz. Low consumption switching power supply Duration: 1 and 3 hours Ni-Cd or Ni-MH batteries. Charging time: 24 hours Charge monitor with a green LED Automatic terminals with high capacity: 2 x 2.5 mm² for the electrical power supply and for the remote control circuit Remote control terminals protected against reversed wiring with the power supply. The remote control may be used to remotely disable the emergency lighting units to avoid unnecessary battery discharge in the event of a deliberate cut in normal lighting Opal diffuser 3 flexible cable entries for rigid tube Ø16, 20 and 25 mm - 2 entries in the sides - 1 entry on the top Surface-mounting

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### B65LED Autotest / addressable LVS2 emergency lighting luminaires

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