

## Lighting

### Compact light fitting Emergency luminaire

With ILS

6102/111-0130-150-0111-31-1850-A1 Art. No. 287789



- Suitable for wall, ceiling and suspended mounting
- With either DALI or address module
- Emergency exit signs with suspended panel so that they can be read from both sides
- Large recognition range  $d \geq 30$  m
- Lightweight, robust and compact design

#### MY R. STAHL 6102A



The Series C-LUX 6102 compact light fittings can be used for normal lighting or as emergency luminaires in conjunction with emergency exit signs and/or an address module for use in central battery systems.

### Technical Data

#### Explosion Protection

|                                 |                                                                     |
|---------------------------------|---------------------------------------------------------------------|
| Area of application             | European Union (ATEX)<br>IECEX                                      |
| Ex version                      | Yes                                                                 |
| Application range (zones)       | 1, 2, 21, 22                                                        |
| IECEX gas certificate           | IECEX IBE 19.0016                                                   |
| IECEX gas explosion protection  | Ex db eb ib op is IIC T4 Gb                                         |
| IECEX dust certificate          | IECEX IBE 19.0016                                                   |
| IECEX dust explosion protection | Ex tb op is IIIC T100 °C Db                                         |
| ATEX gas certificate            | IBExU 19 ATEX 1072                                                  |
| ATEX gas explosion protection   | Ex II 2 G Ex db eb ib op is IIC T4 Gb                               |
| ATEX dust certificate           | IBExU 19 ATEX 1072                                                  |
| ATEX dust explosion protection  | Ex II 2 D Ex tb op is IIIC T100 °C Db                               |
| Certificates and approvals      | ATEX<br>IECEX<br>UKEX                                               |
| Certificates                    | ATEX (IBE), Brazil (ULB), China (NEPSI), IECEX (IBE), Polen (CNBOP) |
| Ship approval                   | DNVGL                                                               |
| Declaration of conformity       | ATEX (EUK), Declaration of Conformity (AUS)                         |

#### Electrical Data

|                      |                         |
|----------------------|-------------------------|
| Frequency range      | 50 Hz                   |
| AC operating voltage | 220 ... 240 V           |
| DC operating voltage | 194 ... 250 V           |
| Control interface    | Internal address module |

#### Lighting Data

|                    |        |
|--------------------|--------|
| Lamp               | LED    |
| Luminaire efficacy | 0 lm/W |
| Luminous flux      | 0 lm   |

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#### Ambient Conditions

|                     |                                                                                                            |
|---------------------|------------------------------------------------------------------------------------------------------------|
| Ambient temperature | -30 °C ... +50 °C Note: Through wiring Max. 3x16 A<br>-30 °C ... +60 °C Note: Through wiring 2 Max. 3x10 A |
|---------------------|------------------------------------------------------------------------------------------------------------|

#### Mechanical Data

|                                           |                                    |
|-------------------------------------------|------------------------------------|
| IP degree of protection (IEC 60598)       | IP66 / IP67                        |
| Class                                     | I                                  |
| Enclosure material                        | Thermoset                          |
| Enclosure colour                          | Light grey (RAL 7035)              |
| Cover material                            | Polycarbonate                      |
| Sealing material                          | Silicone                           |
| Silicone-free content                     | Without influence on paint wetting |
| Pane material                             | PMMA                               |
| Installed terminal strip                  | PE + N- + L+ + L" + N"             |
| Max. solid connection terminals           | 6 mm <sup>2</sup>                  |
| Max. finely stranded connection terminals | 4 mm <sup>2</sup>                  |
| Type of connection cable                  | Finely stranded<br>Solid           |
| Size                                      | 1                                  |
| Width                                     | 185 mm                             |
| Height                                    | 240 mm                             |
| Length                                    | 440 mm                             |
| Impact strength (IEC 62262)               | IK08                               |
| Weight                                    | 3.57 kg                            |
| Weight                                    | 7.87 lb                            |
| Disconnection of the luminaire            | No                                 |

#### Components

|                          |                                        |
|--------------------------|----------------------------------------|
| Variant                  | Escape route to the right Single-sided |
| Threaded plate           | Plastic                                |
| Ballast                  | 6045/312-842-20 AC/DC int. ADR         |
| Through wiring           | Loop in/loop out                       |
| Drilled holes            | 3 x M25                                |
| Cable glands and entries | 2 x M25 Ø 7 ... 17 mm                  |
| Stopping plugs           | 2 x M25 x 1.5                          |
| Stopping plug material   | Polyamide, black                       |
| Breather                 | without                                |
| Accessories              | Provided                               |

# Lighting

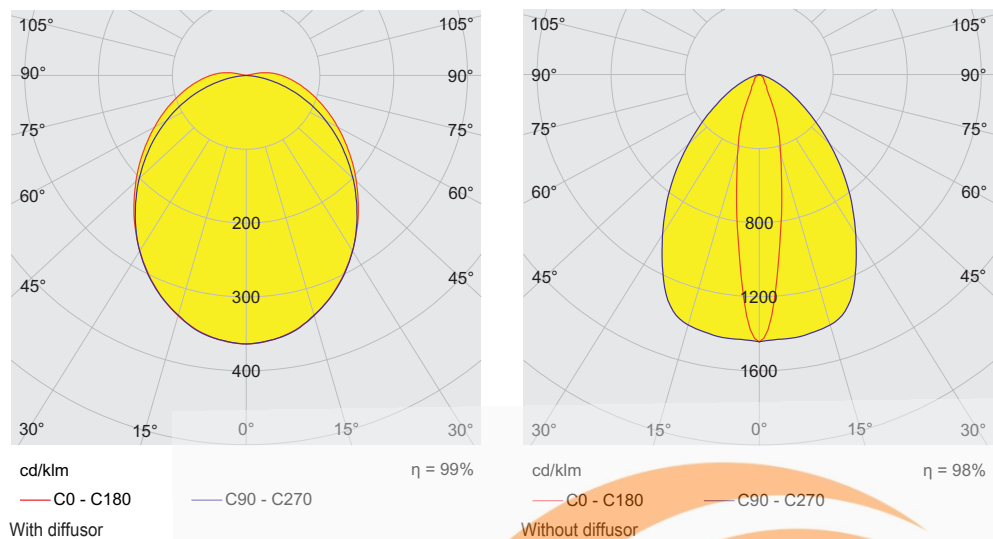
Compact light fitting Emergency luminaire

With ILS

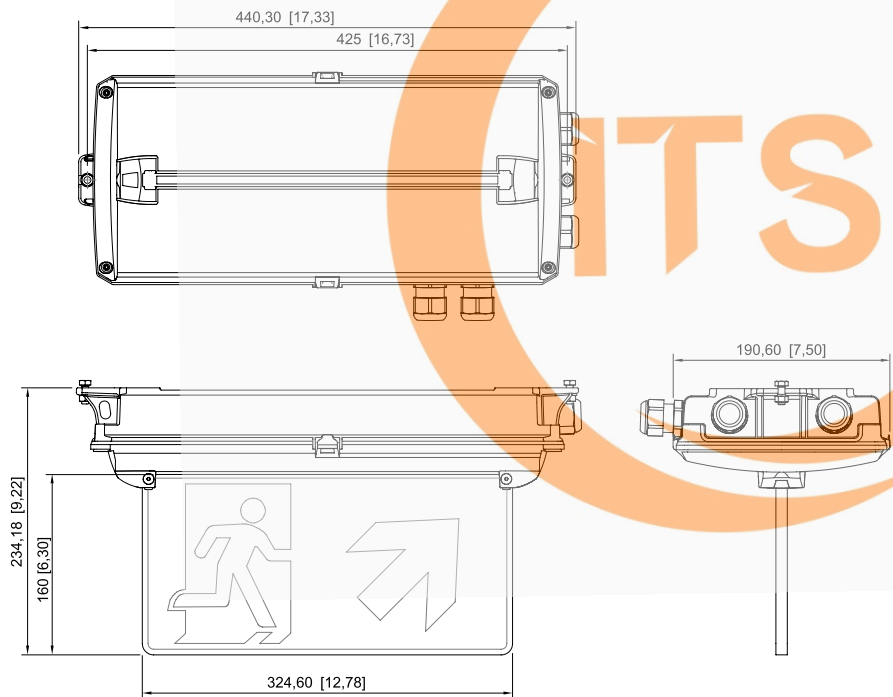
6102/111-0130-150-0111-31-1850-A1 Art. No. 287789



## Light Distribution Curves



## Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



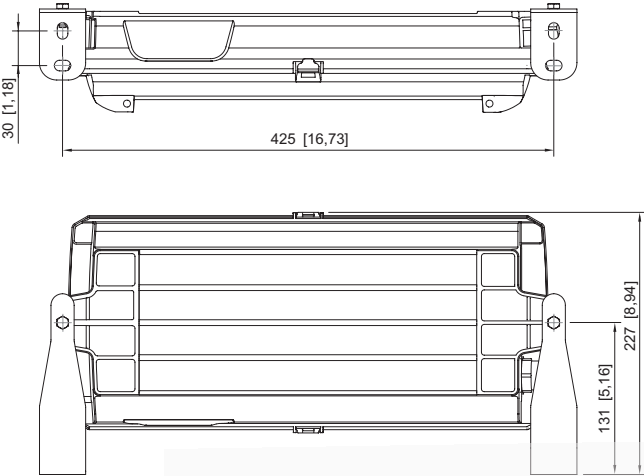
with escape sign

Lighting

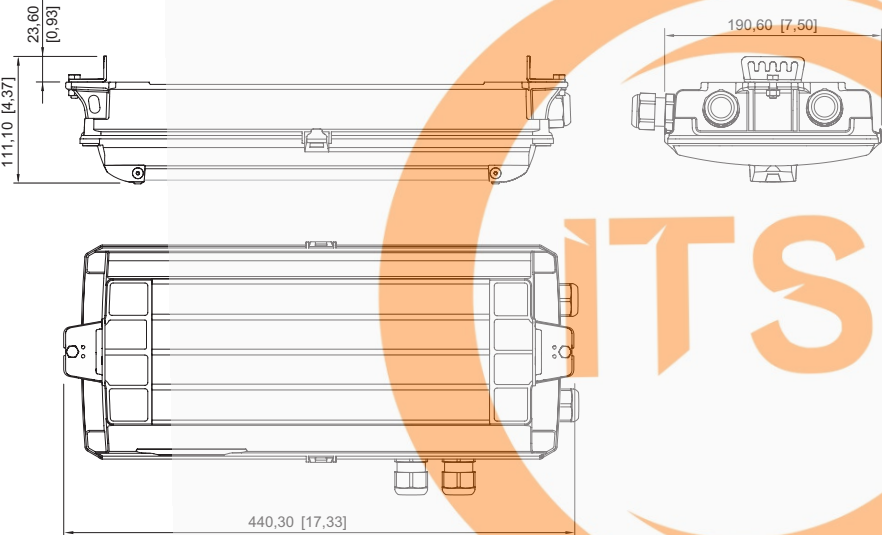
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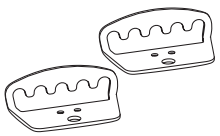
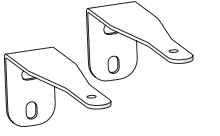


with mounting brackets



for rope/chain mounting

Accessories

| Fastening set                                                                      |                           | Art. No. |
|------------------------------------------------------------------------------------|---------------------------|----------|
|  | for chain/rope assembly   | 275407   |
|  | for wall mounting         | 275408   |
| Light panel                                                                        |                           | Art. No. |
|  | Escape route double sided | 275872   |

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|                                                                                    |                                        |        |
|------------------------------------------------------------------------------------|----------------------------------------|--------|
|    | Escape route, down                     | 274776 |
|    | Escape route, up                       | 274758 |
|    | Escape route, down double-sided        | 274780 |
|    | Escape route, left                     | 274757 |
|    | Escape route, right                    | 274775 |
|  | Escape route left/right double-sided   | 274773 |
|  | Escape route stairs, down left         | 274777 |
|  | Escape route stairs, down right        | 274778 |
|  | Escape route stairs, down double-sided | 274779 |
|  | Escape route stairs, up left           | 274759 |
|  | Escape route stairs, up right          | 274760 |
|  | Escape route stairs, up double-sided   | 274771 |
|  | Escape route, up double-sided          | 274772 |

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EXIT

275514

## Spare Parts

| Optic                                                                            |                   | Art. No. |
|----------------------------------------------------------------------------------|-------------------|----------|
|  | Diffuser          | 274756   |
|  | Deflection optics | 274781   |

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.

