

ExLED Linear

 IP66

The ExLED is a linear LED luminaire designed to replace traditional linear T8 fluorescents. It is certified for use in Zone 1 and 21 hazardous areas.

Key Features:

- Reduced maintenance and downtime due to longer maintenance intervals
- Replace LED and driver modules on-site
- Emergency battery backup with automatic monitoring and bi-colour LED indicator
- Automatic function and duration testing



Luminaire Ratings

| Product Reference | Fluorescent Equivalent | Length (mm) | Power (W) | Lumen Output (lm) | Temperature Rating | Ambient Temperature* | Weight (kg) |
|-------------------|------------------------|-------------|-----------|-------------------|--------------------|----------------------|-------------|
| LX1E864F06L2234 | 2 x 18W | 805 | 18 | 2,170 | T4 | -30°C to 55°C | 6.6 |
| LX1E864F12L4234 | 2 x 36W | 1375 | 29 | 4,360 | T4 | -30°C to 50°C | 8.7 |
| LX1E864F12L6034 | 2 x 58W | 1375 | 41 | 6,020 | T4 | -30°C to 55°C | 8.7 |
| LX1E865F06L22 | 2 x 18W | 678 | 15 | 2,170 | T4 | -30°C to 55°C | 4.9 |
| LX1E865F12L42 | 2 x 36W | 1250 | 28 | 4,360 | T4 | -30°C to 55°C | 7.0 |
| LX1E865F12L60 | 2 x 58W | 1250 | 40 | 6,020 | T4 | -30°C to 55°C | 7.0 |

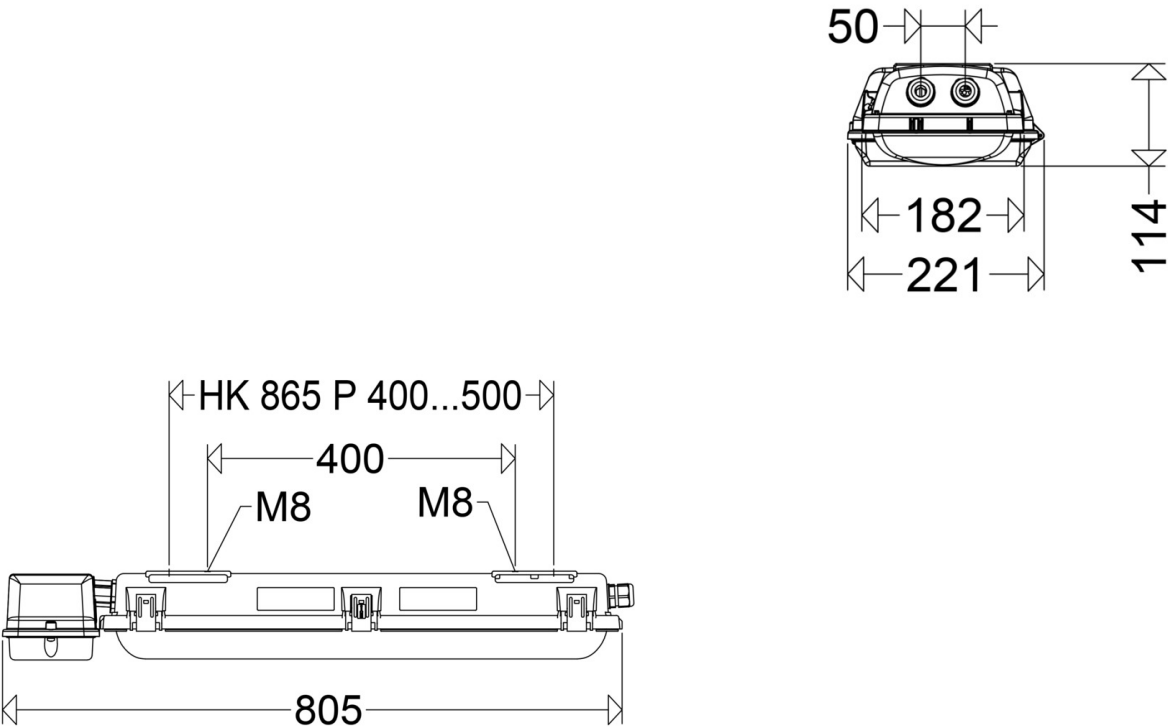
865 = Standard operation or for use with central battery systems, **864 = Emergency battery backup version**

* high temperature version available – contact sales for information

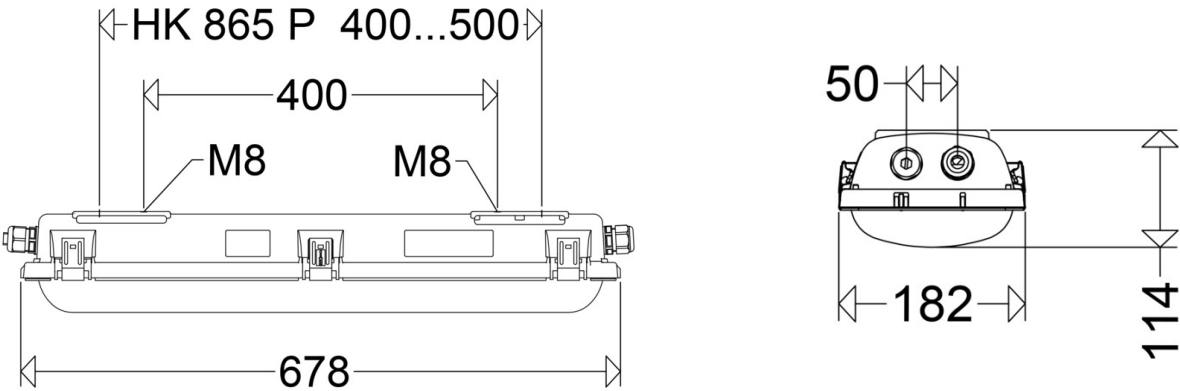
Standard Specifications

| | |
|------------------------|--|
| Luminaire Type | Zone 1 Linear LED Luminaire |
| Ingress Protection | IP66 |
| Material | GRP enclosure with frosted polycarbonate diffuser, stainless steel clips. GRP battery box for emergency version |
| Distribution/output | Via diffuser. |
| Light Source | Light emitting diode, pure white (6500K) |
| LED Life | 100,000 hours L ₇₀ @ 55°C |
| Colour Rendering Index | CRI 80 |
| Cable Entry | 3 x M25 clearance holes. Supplied with 1 x Ex plug and 2 x Ex plastic glands |
| Terminals | Terminal block for up to 4mm ² conductors, through wiring as standard |
| Control Gear | High Frequency |
| Mounting | M8 fixing points |
| Supply | 220 to 240V 50/60Hz ac dc |
| Battery (864 only) | 4 Ah NiCd |
| Duration (864 only) | 3 hours |
| Certification | |
| Area Classification | Zone 1 & 21, Gas & Dust |
| Type of Protection | Increased Safety (Ex e) |
| Apparatus Coding | Non Em: II 2 G Ex eb mb op is q IIC T4 Gb, II 2 D Ex tb op is IIIC T80°C Db Em: II 2 G Ex db eb [ib] mb op is q IIC T4 Gb, II 2 D Ex op is tb IIIC T80°C Db |
| Certificate Number | IBExU 17 ATEX 1026, IECEx IBE 10.0010 |

LX1E864



LX1E865



Options

| | |
|----|--|
| ZB | Adaption for use with central battery connection |
| RR | Single sided Loop in / Loop out connections |
| RI | Remote inhibition facility |

Accessories

| | |
|------------|--|
| LX4MOD-HK | Retaining clips for variable mounting distances (Pair) |
| LX4MOD-PM1 | Pipe clamps 1 ½" with support (Pair)– 316 SS |
| LX4MOD-PM2 | Pipe clamps 2" with support (Pair) – 316 SS |
| LX4MOD-CB | Ceiling mount bracket (Pair)- 316 SS |
| LX4MOD-WBA | Wall mounting bracket (Pair) – 316 SS |

