DuroSite® LED Stainless Steel Linear - CE
for Indoor and Outdoor Industrial Applications

JUNE 2020
**Features & Benefits**

- L70 rated for >150,000 hours @ 25°C ambient
- 5 year warranty
- Significant energy savings
- Easy retrofit solution for existing fluorescent fittings due to same size and fixing centres
- Maintenance free
- Mercury free
- No UV or IR
- Resistant to water, salt, dust & vibration
- Temperature compensation technology for longer life

**Application**

The Dialight DuroSite® LED Linear luminaire with its low profile, rugged design ensures long life and high reliability for a wide variety of Industrial area applications. Offered in 34W and 67W versions to replicate the light output of typical 2 x 18W & 2 x 36W fluorescent luminaires respectively, Dialight offers a range of mounting options for use with the DuroSite® Linear luminaire.
WARNING - INSTALLATION & SECONDARY RETENTION. Use of any Dialight products without proper installation (including secondary retention / netting) and periodic inspections could cause severe injury or death. Dialight recommends that all installations should use secondary retention / netting (appropriate to the installation environment) where applicable. It is the exclusive responsibility of the contractor, installer and/or end-user to: (a) determine the suitability of the product for its intended application; and, (b) ensure that the product is safely installed (with secondary retention / netting where appropriate) and in compliance with all applicable laws and regulations. To the extent permissible under applicable laws, Dialight disclaims all liability for personal injury and/or other damage resulting from any dislodgment or other dislocation of its products.

**Mechanical Information:**

- **Fixture weight:**
  - Standard Model: 1308mm - 11.3 kg (25 lb), 708mm - 6.8 kg (15 lb)
  - Emergency Model: 1450mm - 14.1 kg (31 lb), 850mm - 9.1 kg (20 lb)

- **Shipping weight:**
  - Standard Model: 1308mm - 14.1 kg (31 lb), 708mm - 9.1 kg (20 lb)
  - Emergency Model: 1450mm - 17.2 kg (38 lb), 850mm - 11.3 kg (25 lb)

- **Box dimensions:**
  - Standard Model: 1308mm - 240 x 160 x 1640
  - Standard Model: 708mm - 240 x 160 x 1040

- **Mounting:**
  - (2) M8 fixing points

- **Cable Entry:**
  - 2 x M20 cable entries at both ends, through wired as standard. Consult factory for other options

**Electrical specifications:**

- **Operating Voltage:**
  - Standard Model: 100-277 VAC, 50/60Hz
  - Emergency Model: 230/240 VAC, 50/60Hz

- **Total system power consumption:**
  - See table

- **Operating Temp:**
  - -20°C to +60°C

- **Noise Requirements/EMC:**
  - EN 61000-3-2: 2006

- **Transient protection:**
  - EN61000-4-5
    - 1 kV line-to-line
    - 2 kV line-to-ground

- **Power Factor:**
  - > 0.9

**Emergency Models:**

- **Battery:**
  - 3.6V 10Ah NiMH

- **Expected Battery Life:**
  - 4 years

- **Battery Duration:**
  - >180 Minutes

**Materials:**

- **Housing and Fixings:**
  - 316 Marine grade stainless steel

- **Lens:**
  - High impact resistant polycarbonate

- **Mounting Brackets:**
  - 316L stainless steel

- **Safety Shackle:**
  - Optional factory fitted stainless steel safety shackle with 1 metre safety cord

**Photometric Information:**

- **CRI:**
  - 75

- **CCT:**
  - 5000K (cool white)
  - 4000K (neutral white)

All values typical unless otherwise stated (tolerance +/- 10%)

*@ 25°C ambient
DuroSite® LED Stainless Steel Linear - CE
Mounting Options and Accessories

**ELX-CMB-SS**
- 316 Marine Grade stainless steel ceiling mount kit

**ELX-EYE-SS**
- 316 Marine Grade stainless steel eyelet kit

**ELX-BATT-KIT**
- 3.6V NiMH battery kit

**ELX-PC-SS-42**
- 37° - 44mm range 316 Marine Grade stainless steel pole clamp

**ELX-PC-SS-47**
- 44° - 50mm range 316 Marine Grade stainless steel pole clamp

**ELX-PC-SS-54**
- 50° - 58mm range 316 Marine Grade stainless steel pole clamp

**ELX-PC-SS-59**
- 58° - 68mm range 316 Marine Grade stainless steel pole clamp

**ELX-WMB-SS-30**
- 30° 316 Marine Grade stainless steel wall mount kit

**ELX-WMB-SS-45**
- 45° 316 Marine Grade stainless steel wall mount kit

**ELX-WMB-SS-60**
- 60° 316 Marine Grade stainless steel wall mount kit

**ELX-WMB-SS-90**
- 90° 316 Marine Grade stainless steel wall mount kit

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**Mounting Options and Accessory Dimensions (mm)**

**Pole Clamp**

**Eyelet**

**Ceiling Mount**

**Wall Mount Bracket 30°**

**Wall Mount Bracket 45°**

**Wall Mount Bracket 60°**

**Wall Mount Bracket 90°**

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DISCLAIMER: All product information provided is, to the best of Dialight’s knowledge, accurate as of the date of publication. When ordering, refer to [www.dialight.com](http://www.dialight.com) for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at [www.dialight.com](http://www.dialight.com) as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at [www.dialight.com](http://www.dialight.com), the latter shall prevail.

www.dialight.com
## DuroSite® LED Stainless Steel Linear - CE

### Ordering Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Fixture</th>
<th>Lumens</th>
<th>Emergency Mode Lumens</th>
<th>Wattage</th>
<th>lm/W</th>
<th>IP Rating</th>
<th>Voltage</th>
<th>Colour Temperature (CCT)</th>
<th>Lens</th>
<th>Beam Distribution</th>
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<tbody>
<tr>
<td>EL-1C3R-SSCB</td>
<td>5,100</td>
<td>67</td>
<td>76</td>
<td>IP65/67</td>
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Lm/W are under constant review and improvement, please consult technical department for latest achievable values.
For factory fitted safety shackle option, add 1 as a suffix to the part code. E.g.: EL-1C3R-SSCB-1

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**Light Distribution Pattern**

![Light Distribution Pattern](image-url)
WARNING / DISCLAIMERS:
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