The DuroSite LED Floodlight represents the future of energy efficient facility illumination for industrial applications worldwide. The lighting fixture consumes at least 50% less energy than traditional HID light sources, while reducing maintenance and carbon emissions. This light incorporates both cutting edge LED technology along with proprietary optics to achieve floodlighting comparable with other traditional light sources.

Features & Benefits

- 10 year warranty
- L70 rated for >100,000 hours @ 25°C ambient
- Instant on/off operation
- Universal input (100-277 VAC), 50/60Hz
- Superior colour rendition index compared to HPS, LPS, MV
- Mercury free
- Resistant to shock and vibration
- Temperature compensation technology for longer life
- Isolated wiring compartment
- Integral Safety Straps
DuroSite® LED Floodlight - CE
Standard Model

Certifications & Ratings
- CE
  EN65015
  EN61547
  EN60998-1
  EN61000-3-2
  EN62031
  EN62471
- P66/67 to EN60529
- IK07

Mechanical Information:
- Fixture weight: 13.6 kg (30 lb)
- Shipping weight: 15.4 kg (34 lb)
- Mounting: Trunnion mounting bracket included
- Entry: (2) M20 cable entries

Electrical Specifications:
- Operating Voltage: 100-277 VAC, 50/60Hz
- Total system power consumption: See table
- Operating Temp: -40°C to +65°C (-40°F to +149°F)
- Harmonics: IEC 61000-3-2
- Noise Requirements/EMC:
  - EN 55015 - conducted and radiated
  - EN 61000-3-2, EN 61000-4-2,
  - EN 61000-4-3, EN 61000-4-4,
  - EN 61000-4-5, EN 61000-4-6,
  - EN 61000-4-11
- Transient protection: EN61000-4-5
  - Verified up to 6kV/2ohms at an independent test laboratory
- THD: < 20%
- Power Factor: > 0.9

Construction:
- Housing: Copper-free aluminium
- Bracket: 304 Stainless Steel
- Finish: Superior dual coat finish
  - Sealed polyester topcoat
  - Chemical-resistant epoxy prime
- Lens: Tempered glass

Photometric Information:
- CRI: 80
- CCT: 4000K (neutral white)
- Field Angles:
  - Asymmetrical (140° x 115°)
  - Asymmetrical (115° x 140°)
  - Very wide (115°)
  - Wide (93°)
  - Medium (52°)
  - Narrow (23°)
- IES Files: Available at www.dialight.com

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

- Safety cable kit
- Kit includes: (2) safety cables

Factory Installed Mounting Bracket

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.
## DuroSite® LED Floodlight - CE

### Ordering Information & Beam Distribution

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Fixture Lumens</th>
<th>Wattage</th>
<th>lm/W</th>
<th>Voltage</th>
<th>Colour Temperature (CCT)</th>
<th>Lens</th>
<th>Beam Distribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLE466MN4NG</td>
<td>14,250</td>
<td>135</td>
<td>105</td>
<td>100-277 VAC</td>
<td>4000K (neutral white)</td>
<td>Tempered Glass</td>
<td>Very Wide (115°)</td>
</tr>
<tr>
<td>FLE476MN4NG</td>
<td>14,000</td>
<td>135</td>
<td>104</td>
<td>100-277 VAC</td>
<td>4000K (neutral white)</td>
<td>Tempered Glass</td>
<td>Asymmetrical (140° x 115°)</td>
</tr>
<tr>
<td>FLE467MN4NG</td>
<td>14,000</td>
<td>135</td>
<td>104</td>
<td>100-277 VAC</td>
<td>4000K (neutral white)</td>
<td>Tempered Glass</td>
<td>Asymmetrical (115° x 140°)</td>
</tr>
<tr>
<td>FLE455MN4NG</td>
<td>13,750</td>
<td>140</td>
<td>98</td>
<td>100-277 VAC</td>
<td>4000K (neutral white)</td>
<td>Tempered Glass</td>
<td>Wide (93°)</td>
</tr>
<tr>
<td>FLE444MN4NG</td>
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<td>140</td>
<td>98</td>
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<td>Medium (52°)</td>
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<tr>
<td>FLE422MN4NG</td>
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<td>140</td>
<td>91</td>
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<td>4000K (neutral white)</td>
<td>Tempered Glass</td>
<td>Narrow (23°)</td>
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<td>FLE276MN2NG</td>
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<td>101</td>
<td>100-277 VAC</td>
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<td>Asymmetrical (140° x 115°)</td>
</tr>
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<td>Tempered Glass</td>
<td>Asymmetrical (115° x 140°)</td>
</tr>
<tr>
<td>FLE266MN2NG</td>
<td>10,750</td>
<td>109</td>
<td>99</td>
<td>100-277 VAC</td>
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<td>Tempered Glass</td>
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<tr>
<td>FLE255MN2NG</td>
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<td>96</td>
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<td>FLE244MN2NG</td>
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<td>92</td>
<td>100-277 VAC</td>
<td>4000K (neutral white)</td>
<td>Tempered Glass</td>
<td>Medium (52°)</td>
</tr>
<tr>
<td>FLE222MN2NG</td>
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<td>94</td>
<td>100-277 VAC</td>
<td>4000K (neutral white)</td>
<td>Tempered Glass</td>
<td>Narrow (23°)</td>
</tr>
</tbody>
</table>

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

Part numbers listed in the table above are powder coated gray. For bronze powder, coat replace the 10th character with **Z**. FLE244MN2NG becomes FLE244MN2ZG.

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