Dialight® LED Conveyor Light - CE / RCM
for Indoor and Outdoor Industrial Applications
Vigilant® LED Conveyor Light - CE / RCM
Standard Model

Mechanical Information:
- **Fixture weight:**
  - 6.7 kg (15 lbs) - Polycarbonate lens
  - 8.1 kg (18 lbs) - Tempered glass lens
- **Shipping weight:**
  - Add 0.91 kg (2 lbs) to weights above
- **Impact rating:**
  - IK10 - Polycarbonate lens
  - IK07 - Tempered glass lens

Electrical Specifications:
- **Operating voltage:**
  - 100-277V AC 50/60Hz, 120-250V DC
- **Operating temperature:**
  - -40°C to +65°C (-40°F to +149°F)
- **EMC:**
- **Transient protection:**
  - 6 kV / 3kA combination wave, as per IEEE C62.41, line-line and line-ground
- **Harmonics:**
  - IEC 61000-3-2, Class C
- **THD:**
  - < 20%
- **Power factor:**
  - > 0.9

Construction:
- **Housing:**
  - Copper free aluminum
- **Finish:**
  - Superior dual coat finish
  - Sealed polyester topcoat
  - Chemical-resistant epoxy primer
- **Corrosion resistance:**
  - 3,000-hour salt spray per ASTM B117
- **Lens:**
  - Hard-coated polycarbonate
  - Tempered glass

Photometric Information:
- **CRI:**
  - 80
- **CCT:**
  - 5000K (cool white)
  - 4000K (neutral white)
  - 2700K (warm white)
- **Optics:**
  - Conveyor

Certifications & Ratings*
- 10-year warranty
- CE
- ENEC
- RCM (pending)
- IP66 / 67
- D-marked
- ETL listed

* ETL listed

Dimensions in mm [inches]

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Vigilant® LED Conveyor Light - CE / RCM

Dimensional Drawings

34mm Slip-Fit Pole Mount

Dimensions in mm [inches]

Dimensions in mm [inches]
### Calculation Summary - Mounting Height: 3m, Spacing: 8m

<table>
<thead>
<tr>
<th>Calc Type</th>
<th>Units</th>
<th>Avg</th>
<th>Max</th>
<th>Min</th>
<th>Min/Ave.</th>
<th>Max/Min</th>
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<tbody>
<tr>
<td>Illuminance</td>
<td>Lux</td>
<td>111.56</td>
<td>166</td>
<td>60</td>
<td>0.53</td>
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### Calculation Summary - Mounting Height: 3m, Spacing: 12m

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### Calculation Summary - Mounting Height: 3m, Spacing: 15m

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<td>152</td>
<td>25</td>
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<td>6.08</td>
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## Vigilant® LED Conveyor Light - CE / RCM

### Ordering Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Certification</th>
<th>Lens Material</th>
<th>Beam Distribution</th>
<th>CCT</th>
<th>CRI</th>
<th>Lumens</th>
<th>Wattage</th>
<th>Lm/W</th>
<th>Mounting Options</th>
<th>Hardware Accessories</th>
<th>Electrical Accessories</th>
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<tbody>
<tr>
<td>ALE5WC27DYNUGN</td>
<td>CE / ROM</td>
<td>Polycarbonate</td>
<td>Wide</td>
<td>5000K</td>
<td>80</td>
<td>6,700</td>
<td>64</td>
<td>105</td>
<td>34mm conveyor mount</td>
<td>Screw down terminal block</td>
<td>Cable gland</td>
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<td>ALE5WN27DYNUGN</td>
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<td>4000K</td>
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<td>34mm conveyor mount</td>
<td>Screw down terminal block</td>
<td>Cable gland</td>
</tr>
</tbody>
</table>

### Wide Beam Angle

Dialight Luminaire
Conveyor Light
Wall Mount with Pole adaptor

3m Installed Height
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