Features:
- Available in two lengths
- Surface mounting
- Removable gear tray for ease of installation
- High performance energy efficient Osram surface-mount-device (SMD) LEDs
- Available in 4000K (cool white)
- Average 50,000 hrs LED life – L70 B10
- BESA box mounting
- Screw-on end caps as standard (tamper resistant screw on version available - see accessories)

Options:
- Integral 3hr maintained emergency
- Integrated Manual Intelligent Control (MIC®)
- PRO ECO® (wireless testing & control system) - available on request

Accessories:
- Tamper resistant end cap screws complete with tools

Material:
- Body: Zintec steel
- Lens: polycarbonate

Finish:
- Body: powder coated
- Lens: prismatic

Colour: White

Beam Angles:

### Technical & Photometrics

<table>
<thead>
<tr>
<th>Wattage</th>
<th>Colour Temperature</th>
<th>LED Lumens</th>
<th>Delivered Lumens</th>
<th>Luminous Efficacy</th>
<th>Ordering Code</th>
<th>Length [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>2x 17W LED</td>
<td>4000K</td>
<td>6633lm</td>
<td>5970lm</td>
<td>176lm/W</td>
<td>35-141-400-401</td>
<td>1240</td>
</tr>
<tr>
<td>2x 25W LED</td>
<td>4000K</td>
<td>9024lm</td>
<td>8127lm</td>
<td>163lm/W</td>
<td>35-142-400-401</td>
<td>1240</td>
</tr>
<tr>
<td>2x 24W LED</td>
<td>4000K</td>
<td>9205lm</td>
<td>8286lm</td>
<td>173lm/W</td>
<td>35-141-500-401</td>
<td>1540</td>
</tr>
<tr>
<td>2x 36W LED</td>
<td>4000K</td>
<td>12715lm</td>
<td>11444lm</td>
<td>159lm/W</td>
<td>35-142-500-401</td>
<td>1540</td>
</tr>
</tbody>
</table>

Options

<table>
<thead>
<tr>
<th>Option</th>
<th>Add to Ordering Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency (3 hour)</td>
<td>E3-</td>
</tr>
<tr>
<td>MIC 1</td>
<td>/MIC1</td>
</tr>
<tr>
<td>MIC 2</td>
<td>/MIC2</td>
</tr>
<tr>
<td>MIC 3</td>
<td>/MIC3</td>
</tr>
</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>Accessory Description</th>
<th>Ordering Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tamper resistant screw and key set for end caps</td>
<td>A35-01-01-00</td>
</tr>
</tbody>
</table>
The Manual Intelligent Control (MIC®) system features a range of advanced sensor technology controls offering the ultimate in energy saving and carbon reduction. Significant energy savings can be achieved with a MIC system that dynamically manages luminaire power according to the instantaneous lighting requirement. It ensures that the right level of light appears at the right place only when required, thus preventing unnecessary energy consumption and reducing maintenance costs. The MIC system has been installed in over 3000 BT telephone exchanges with confirmed energy savings in excess of 70%.

There are three types of Manual Intelligent Control: MIC 1, MIC 2 and MIC 3, available as a master (sensor incorporated) or a slave (controlled by master), to suit different requirements and budgets.

**MIC 1** A versatile and cost-effective OFF–ON–OFF energy saving control unit.

- **OFF**
  Absence: luminaires are switched off.

- **ON**
  Occupancy detected: luminaires illuminate at full output unless there is sufficient daylight and the lux level setting overrides it. *

- **OFF**
  Absence: after a preset time, luminaires return to the courtesy preset dimmed level.

**MIC 2** Offers all the benefits of the MIC 1 but with a DIM–ON–DIM function. MIC 2 is an ideal control for reducing energy consumptions whilst still providing some level of illumination for extra safety.

- **DIM**
  Absence: luminaires are on at a courtesy preset dimmed level. Approximately 20% output and 1/3 total power.

- **ON**
  Occupancy detected: luminaires illuminate at full output.

- **DIM**
  Absence: after a preset time of absence, luminaires return to the courtesy preset dimmed level.

**MIC 3** MIC 3 is the most flexible energy saving manual control with an OFF–ON–DIM–OFF function, permitting optimal light management.

- **OFF**
  Absence: luminaires are switched off.

- **ON**
  Occupancy detected: luminaires illuminate at full output unless there is sufficient daylight and the lux level setting overrides it. *

- **DIM**
  Absence: after a preset time of absence, luminaires return to the courtesy preset dimmed level.

- **OFF**
  After continued absence over a preset time, luminaires switch off completely. If required, the 'off' function can be disabled to operate as a MIC 2.

* In instances where the sensor is situated in the ceiling lux level sensing is not applicable.
**MIC Operating Functions and Features**

<table>
<thead>
<tr>
<th>Operating function</th>
<th>MIC 1</th>
<th>MIC 2</th>
<th>MIC 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lux level adjustment</td>
<td>DIP Switch</td>
<td>N/A</td>
<td>0–200lux</td>
</tr>
<tr>
<td>Time adjustment to courtesy preset dimmed level</td>
<td>N/A</td>
<td>2–30 mins</td>
<td>2–30 mins</td>
</tr>
<tr>
<td>Time adjustment to switch off completely</td>
<td>5–30 mins</td>
<td>N/A</td>
<td>10–30 mins</td>
</tr>
<tr>
<td>Sensitivity (range) adjustment *</td>
<td>2–6 metres</td>
<td>2–6 metres</td>
<td>2–6 metres</td>
</tr>
<tr>
<td>Dimming level</td>
<td>N/A</td>
<td>10%</td>
<td>10%</td>
</tr>
<tr>
<td>Detection angle</td>
<td>360°</td>
<td>360°</td>
<td>360°</td>
</tr>
<tr>
<td>Sensor maximum load (inductive)</td>
<td>400W</td>
<td>400W</td>
<td>400W</td>
</tr>
</tbody>
</table>

* Based on ceiling height of 2.5 metres

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**Detection Area**

**Typical Installation Options**

**Option One**
The masters are all working independently for maximum energy efficiency to create a cascade effect. This is ideal for a retrofit installation.

**Option Two**
The master is working in conjunction with a slave to illuminate a specific zone. The master will control the slaves.

**Option Three**
The masters and the slaves are working in conjunction to illuminate a larger area.

**Option Four**
The masters are working together for increased efficiency and maximum sensitivity in a zoned area.

**Option Five**
The masters are working together for increased efficiency and maximum sensitivity in a larger area.