BeamTech Large PSU, 2 Light Heads

Features & Benefits

- High flux luminaire with configuration of two directional LED lamp heads
- Installation up to 25m (30m) with optimum spacing of 36.8m (43.1m) for 1lux (0.5lux) illumination
- E-focus programming. Narrow and Wide light distribution, programmed by the user
- One product applicable for Escape Route or Open area illumination
- User / installer to define light distribution to fit the application
- Suitable for use in large open areas (supermarkets, warehouses, cinemas, theatres, factories, shopping malls, industrial units, stadiums etc.)
- New modern and flexible / modular design, wall or ceiling mounted
- Mains & communication cabling option from all housing sides (back & side entry)
- Locking mechanism of light head preventing accidental change of light heads configuration
- For autonomous installation or connection to the DALI monitoring system
- Simple fault analysis and status display via Green/Red bi-color LED

Ordering details

<table>
<thead>
<tr>
<th>Order code</th>
<th>Description</th>
<th>Voltage</th>
<th>Current</th>
<th>Power</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>BT1SD-B3</td>
<td>BeamTech Small 1x250lm 3h</td>
<td>NiCd</td>
<td>3W</td>
<td>250lm</td>
<td>NiCd 3D, 3.6V / 4Ah</td>
</tr>
<tr>
<td>BT1SL03</td>
<td>BeamTech Small 1x500lm 3h</td>
<td>LiFePo4</td>
<td>5W</td>
<td>500lm</td>
<td>LiFePo4 6.4V / 3.2Ah</td>
</tr>
<tr>
<td>BT1SD-B3CGL</td>
<td>BeamTech Small 1x250lm 3h CGL</td>
<td>NiCd</td>
<td>3W</td>
<td>250lm</td>
<td>NiCd 3D, 3.6V / 4Ah</td>
</tr>
<tr>
<td>BT1SL03CGL</td>
<td>BeamTech Small 1x500lm 3h CGL</td>
<td>LiFePo4</td>
<td>5W</td>
<td>500lm</td>
<td>LiFePo4 6.4V / 3.2Ah</td>
</tr>
<tr>
<td>BT2SD03</td>
<td>BeamTech Small 2x250lm 3h</td>
<td>LiFePo4</td>
<td>5W</td>
<td>500lm</td>
<td>LiFePo4 6.4V / 3.2Ah</td>
</tr>
<tr>
<td>BT2LLD3</td>
<td>BeamTech Large 2x250lm 3h</td>
<td>LiFePo4</td>
<td>5W</td>
<td>500lm</td>
<td>LiFePo4 6.4V / 3.2Ah</td>
</tr>
<tr>
<td>BT2LLF3</td>
<td>BeamTech Large 2x500lm 3h</td>
<td>LiFePo4</td>
<td>10W</td>
<td>1000lm</td>
<td>2x LiFePo4 6.4V / 3.2Ah</td>
</tr>
<tr>
<td>BT2LLF3CGL</td>
<td>BeamTech Large 2x500lm 3h CGL</td>
<td>LiFePo4</td>
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<td>1000lm</td>
<td>2x LiFePo4 6.4V / 3.2Ah</td>
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* While charging, less than 1W in standby
** While charging, less than 2W in standby
*** While charging, less than 2W in standby

Accessories

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</thead>
<tbody>
<tr>
<td>BTLGRID</td>
<td>BeamTech Large/BeamLiteII Grid (54x44x22)</td>
</tr>
</tbody>
</table>
### Luminaire specifications

**Planning help for BeamTech with 2 Light Heads with Narrow & Wide beam 1.0 lx (0.5lx)**

Maintenance factor MF = 80%, battery operation and distances in m

<table>
<thead>
<tr>
<th>Luminaire type</th>
<th>Height (m)</th>
<th>Distance for 1 Lux (0.5 Lux)</th>
</tr>
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<tbody>
<tr>
<td>Ceiling mounting</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Escape route centre</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 Light Heads 2x250lm</td>
<td>2.50</td>
<td>1.8 (2.7)</td>
</tr>
<tr>
<td>Narrow beam at 0°-0°</td>
<td>3.00</td>
<td>1.5 (2.4)</td>
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<td></td>
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<tr>
<td>2 Light Heads 2x250lm</td>
<td>2.50</td>
<td>2.5 (3.4)</td>
</tr>
<tr>
<td>Wide beam at 75°-75°</td>
<td>3.00</td>
<td>2.5 (3.5)</td>
</tr>
</tbody>
</table>

*Spacing tables above are examples of performance of certain models with specific lumen output, installed on specific heights at few headlamps direction options. Complete performance characteristics for all models, all installation heights and all headlamp direction options can be derived by the use of the LDT files available on request.*

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**Luminaire type**

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**Wide light distribution** enables higher height installations and ideal for large, escape routes and illumination of safety equipments. A maximum spacing of up to 16m between luminaires reduces the number of required light points and an application range from 5m up to 20m for 1Lux enables mounting at the normally occurring heights.

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**Open area for 0.5 lux**

**Escape route for 1 lux**

**Narrow light distribution** enables installations and ideal for large, escape routes and illumination of safety equipments. A maximum spacing of up to 16.5m between luminaires reduces the number of required light points and an application range from 0m up to 10m for 1Lux enables mounting at the normally occurring heights.

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**BeamTech 2 Light Heads Narrow beam at 0°-0° slope**

**BeamTech 2 Light Heads Wide beam at 0°-0° slope**

**BeamTech 2 Light Heads Narrow beam at 75°-75° slope**

**BeamTech 2 Light Heads Wide beam at 75°-75° slope**

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**Eaton Datasheet - June 2019**

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*Normally occurring heights.*

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**Open area for 0.5 lux**

**Escape route for 1 lux**

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**Maintenance factor MF = 80%**

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**Options can be derived by the use of the LDT files available on request.**

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**EATON**