Utilizes highly efficient/high-powered COB-type LED package.
Lineup consisting of three colour temperatures: white daylight (5000K), white (4000K) and warm incandescent (3000K).
High colour rendering (Ra85 at 4000K, 3000K and Ra70 at 5000K) ensures objects are illuminated vividly.
Highly efficient output of up to 121 ℓm/W (5000K).
Reaches full brightness immediately.
Long LED module life of 40,000 hours.
Maintain existing E27 base luminaires through a lamp + gear change.
Achieves uniformity of light distribution equivalent to that of an HID lamp.

This light source, offering top-class energy saving performance has been achieved through a new optical design utilizing both a lens and a mirror, and also through highly efficient usage of electric power. With COB (Chip on board) type lighting, large numbers of LED devices are mounted directly onto substrate. As light is therefore emitted from a single uniform surface, a natural lighting environment of even brightness close to that created by surface emission can be achieved.

Product Series

<table>
<thead>
<tr>
<th>Model number</th>
<th>Power consumption</th>
<th>CCT</th>
<th>CRI</th>
<th>Luminous flux</th>
<th>Luminous efficacy</th>
</tr>
</thead>
<tbody>
<tr>
<td>LDT533N-G</td>
<td>33W</td>
<td>5000K</td>
<td>70</td>
<td>4000 lm</td>
<td>121.2 lm/W</td>
</tr>
<tr>
<td>LDT533W-G</td>
<td>33W</td>
<td>4000K</td>
<td>85</td>
<td>3000 lm</td>
<td>90.9 lm/W</td>
</tr>
<tr>
<td>LDT533L-G</td>
<td>33W</td>
<td>3000K</td>
<td>85</td>
<td>2800 lm</td>
<td>84.8 lm/W</td>
</tr>
</tbody>
</table>

Ratings

- Operation Temperature range : -25～+40°C
- Certification : CE

Optical

- Colour rendering index : Ra85 (3000K; 4000K); Ra70 (5000K)
- Rated luminous flux : 4000lm (5000K); 3000lm (4000K); 2800lm (3000K)
- Luminous efficacy : 121.2lm/W (5000K); 90.9lm/W (4000K); 84.8lm/W (3000K)
- Lumen maintenance(L80) : 40,000hours at 25°C

Mechanical

- Body : Die-cast aluminum, PES (Polyethersulfone)
- Glove : Polycarbonate
- Finish color : White

Physical

- Dimension : φ74×175mm
- Weight : 240 g