LED Lamp

LEDioc Lamp B33

- Three colour temperature variations available: white daylight (5,000K), white (4,000K) and warm incandescent (3,000K)
- High colour rendering ensures vivid illumination
- Highly efficient output of up to 121 lm/W (5,000K)
- Long life: 40,000 hours
LED Lamp
LEDioc Lamp B33

- Quickly reaches full brightness
- Three colour temperature variations available: white daylight (5,000K), white (4,000K) and warm incandescent (3,000K)
- Replacement of lamps and ballasts of existing luminaires enable significant energy savings
- Uniformity of light distribution equivalent to an HID lamp
- High colour rendering ensures vivid illumination
- Highly efficient/high-powered COB-type LED package
- Highly efficient output of up to 121 lm/W (5,000K)
- Long life: 40,000 hours

COB-type LED Package
This light source, offering top-class energy saving performance has been achieved through a new optical design utilising 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 the 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>
<th>EEC</th>
<th>Energy Consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td>LDT533N-G</td>
<td>33W</td>
<td>5,000K</td>
<td>70</td>
<td>4,000lm</td>
<td>121 lm/W</td>
<td>A+</td>
<td>36.3kWh/1,000h</td>
</tr>
<tr>
<td>LDT533W-G</td>
<td>33W</td>
<td>4,000K</td>
<td>85</td>
<td>3,000lm</td>
<td>90.9 lm/W</td>
<td>A+</td>
<td>36.3kWh/1,000h</td>
</tr>
<tr>
<td>LDT533L-G</td>
<td>33W</td>
<td>3,000K</td>
<td>85</td>
<td>2,800lm</td>
<td>84.8 lm/W</td>
<td>A</td>
<td>36.3kWh/1,000h</td>
</tr>
</tbody>
</table>

Ratings:
- Operation Temperature Range: -25 to +40°C
- Certification: CE

Mechanical:
- Body: Die-Cast Aluminium, PES (Polyethersulfone)
- Globe: Polycarbonate
- Finish Colour: White

Optical:
- Colour Rendering Index: Ra85 (3,000K, 4,000K); Ra70 (5,000K)
- Rated Luminous Flux: 4,000lm (5,000K); 3,000lm (4,000K); 2,800lm (3,000K)
- Luminous Efficacy: 121.2lm/W (5,000K); 90.9lm/W (4,000K); 83.8lm/W (3,000K)
- Lumen Maintenance (L80): 40,000 hours at 25°C

Environmental Characteristics:
- Energy Efficiency Class: A+ (5,000K, 4,000K)
  A (3,000K)
- Energy Consumption: 36.3kWh/1,000h

IWASAKI ELECTRIC CO., LTD.
Bakurocho-Daiichi Building, 1-4-16, Nihonbashi-Bakurocho, Chuo-ku, Tokyo 103-0002, Japan
Tel: +81-3-5847-8630 Fax: +81-3-5847-8647
www.eye.co.jp
Copyright © 2015, IWASAKI ELECTRIC CO., LTD. All Rights Reserved.