



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 $\ell\text{m}/\text{W}$ (5,000K)
- ▶ Long life: 40,000 hours



IWASAKI

LED Lamp

LEDioc Lamp B33

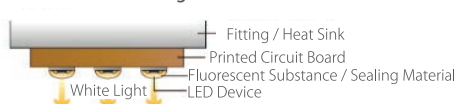


- ▶ Quickly reaches full brightness
- ▶ Three colour temperature variations available: white daylight (5,000K), white (4,000K) and warm incandescent (3,000K)
- ▶ Replacement of lamps and ballasts of existing luminaires enable significant energy savings
- ▶ Uniformity of light distribution equivalent 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

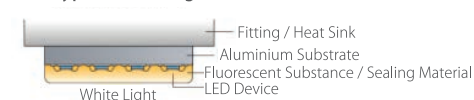
COB-type LED Package

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.

Standard LED Package



COB-type LED Package



Product Series

Model Number	Power Consumption	CCT	CRI	Luminous Flux	Luminous Efficacy	EEC	Energy Consumption
LDTS33N-G	33W	5,000K	70	4,000lm	121.2lm/W	A+	36.3kWh/1,000h
LDTS33W-G	33W	4,000K	85	3,000lm	90.9lm/W	A+	36.3kWh/1,000h
LDTS33L-G	33W	3,000K	85	2,800lm	84.8lm/W	A	36.3kWh/1,000h

Ratings:

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

Mechanical:

- Body: Die-Cast Aluminium, PES (Polyethersulfone)
- Glove: 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

Photometrics:

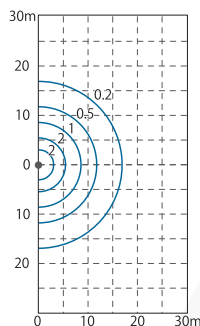
LDTS33N-G

Illuminance Distribution With Existing Fixture

Installation Height: 4.8m

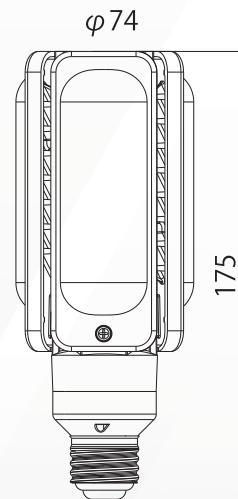
Maintenance Factor: 0.64

(Unit: lx)



Dimensions / Weight:

- $\phi 74 \times 175$ mm
- 240 g
- Base: E27



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.

