

Outstandingly bright and beautiful,
ECORICA LED

LED Tube Lamp

Features

- Internal driven LED tubes (direct connection model). Existing lighting fixtures must be modified for direct connection.
- The LED tubes adopt state-of-the-art LED chips. The luminous efficiency of 115 lm/w saves energy and provides brightness at the same time.
- A variety of colors (daylight/white/incandescent) and models (20, 40, 110) are available to meet different customer needs.

Overview

(Technical principles, actions, etc.)

1. Two types of products are available to suit the application

The high-performance, brightness-oriented products feature a power consumption of 23 W and a total luminous flux of 2650 lm (for model 40, daylight color). This product type is ideal for meeting the demands of offices with high ceilings, as well as factories and stores, and is the best choice as an alternative to high-frequency lights.

The economical energy-saving products feature a power consumption of 19.2W and a total luminous flux of 2200 lm (for model 40, daylight color). This type is ideal for meeting the needs of educational and public facilities where bright yet economical lighting is required. Replacing standard model 40 rapid start tubes with the products is expected to reduce power consumption by at least 50%.

2. Average color rendering index85 (Ra)

The color rendering indexes of conventional fluorescent lights were as low as 60 – 75 (Ra) compared to the Ra of 100 obtained by sunlight. The light effect given by LED tubes in a space is more natural than that obtained by conventional fluorescent lights.

3. Measures against noise

The products conform to EMI, VCCI Class B, and CISPR 15 for carefree use.

4. State-of-the-art domestic chips are employed

The state-of-the-art LED elements employed in the products provide a beautiful and bright space at low energy consumption.

5. Passed many reliability tests

The products have passed at least 20 tests conducted by third party organizations, demonstrating their high quality.



ECL-LD4EDN

Introductory Track Record

- Information is available on our website.
<http://www.ecorica.jp/led/example.html>

Effects

- Reducing the power consumption**
Reduce power consumption compared with conventional glow tube starter/rapid start fluorescent tubes by 40 – 50%.
- Long service life**
The design life of the LED tubes is 50,000 hours, which is 5 times greater than that achieved by conventional glow tube starter/rapid start fluorescent tubes.
*Time for the luminous flux of the light source to attenuate to 70% of the initial value.
- Minimal infrared/ultraviolet radiation**
The light itself does not generate heat; it does not affect food.
LED tubes are less prone to attract insects or cause the colors of paper, wallpaper or clothing to fade.
- Safety**
Unlike fluorescent tubes, LED tubes do not contain mercury. The polycarbonate cover forming the luminous surface prevents the tube from shattering in an accidental drop.
- CO2 emission control**
The CO2 emissions during 10 years of service are reduced by 40%.

電圧内蔵タイプ 両結専用 ※結工が必要です。

40型 1.7mφ 20型 0.9mφ

明るさで選ぶ / 高出力タイプ ●天井の高さやフロアや工場、店舗などの高さに合わせて

項目	ECL-LD4EDN	ECL-LD4EDN	ECL-LD4EDN	ECL-LD4EDN	ECL-LD4EDN	ECL-LD4EDN	ECL-LD4EDN
型番	ECL-LD4EDN	ECL-LD4EDN	ECL-LD4EDN	ECL-LD4EDN	ECL-LD4EDN	ECL-LD4EDN	ECL-LD4EDN
品名	LED管形照明器具	LED管形照明器具	LED管形照明器具	LED管形照明器具	LED管形照明器具	LED管形照明器具	LED管形照明器具
仕様	20W	20W	20W	20W	20W	20W	20W
消費電力	20W	20W	20W	20W	20W	20W	20W
全光束	2650lm	2650lm	2650lm	2650lm	2650lm	2650lm	2650lm
色温度	5000K	5000K	5000K	5000K	5000K	5000K	5000K
寿命	50000h	50000h	50000h	50000h	50000h	50000h	50000h
寸法	φ40mm	φ40mm	φ40mm	φ40mm	φ40mm	φ40mm	φ40mm
質量	200g	200g	200g	200g	200g	200g	200g
消費電力	20W	20W	20W	20W	20W	20W	20W
全光束	2650lm	2650lm	2650lm	2650lm	2650lm	2650lm	2650lm
色温度	5000K	5000K	5000K	5000K	5000K	5000K	5000K
寿命	50000h	50000h	50000h	50000h	50000h	50000h	50000h
寸法	φ40mm	φ40mm	φ40mm	φ40mm	φ40mm	φ40mm	φ40mm
質量	200g	200g	200g	200g	200g	200g	200g
消費電力	19.2W	19.2W	19.2W	19.2W	19.2W	19.2W	19.2W
全光束	2200lm	2200lm	2200lm	2200lm	2200lm	2200lm	2200lm
色温度	5000K	5000K	5000K	5000K	5000K	5000K	5000K
寿命	50000h	50000h	50000h	50000h	50000h	50000h	50000h
寸法	φ40mm	φ40mm	φ40mm	φ40mm	φ40mm	φ40mm	φ40mm
質量	200g	200g	200g	200g	200g	200g	200g

※明るく長く省電効果を実現される文房 / 官庁などの需要にぴったり

Applicable field
 Office buildings, Factories, stores, facilities
 Water
 Energy saving/Energy recovery
 Energy storage/Energy creation
 ENERGY
 New energy
 Waste disposal/Recycling/Resource saving
 Air
 Soil
 Other

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※Note: This publication introduces examples of technologies and products believed useful towards solving environmental and energy issues. In no way does it constitute guarantees concerning their transfer or sale.