



NAME: LED Corn Lamp 100W -E40

P/N: CCPL-YMD-100WAE40

This 100W - 14000lumen, high grade, IP64 rated LED Corn Lamp is so versatile it can be used as a replacement for Compact Fluorescent Lamp (CFL), High Pressure Sodium (HPS), Metal-halide (MH), High-intensity discharge (HID) and standard Incandescent bulbs and can be retro fitted to existing fittings if there is room for the LED Corn Bulb. The LED Corn Lamp is also commonly used to replace a standard bulb in agricultural, industrial and domestic buildings, either with a hanging pendant or a fixed bayonet and is ideal for replacing old inefficient bulbs.

Please note if used in enclosed luminaires, minimum lamp compartment dimensions: 450*280*280mm. **Important tip:** Make sure to remove or bypass the ballast in the fixture, use as a normal bulb.

Advantage:

- IP64 Waterproof Rating
- No UV or IR in the beam
- Big heat sink, NO fan
- Energy saving, long service life
- Light is soft and uniform
- Instant start, NO flickering, NO humming
- Green and eco-friendly without mercury
- CE, RoHS certificate.
- Meets 6KV surge immunity level
- Usable in enclosed luminaires



Application: (typical)

- ◆ Warehouse, factory and workshops
- ◆ Industrial buildings
- ◆ Agricultural buildings
- ◆ General purpose lighting.

Product Specifications

Product name	LED Corn Lamp 100W - E40
Product No.	CCPL-YMD-100WAE40
Dimension	Diameter: 130, Length: 289mm

Technical Characteristic

Color temperature	5000K
CRI	>80
Lumen	14,000LM - Max
Input Power	100W
Viewing Angle	284°
Input Voltage	100-240Vac 50/60Hz
PFC	>0.9
Waterproof Rating	IP64

Materials

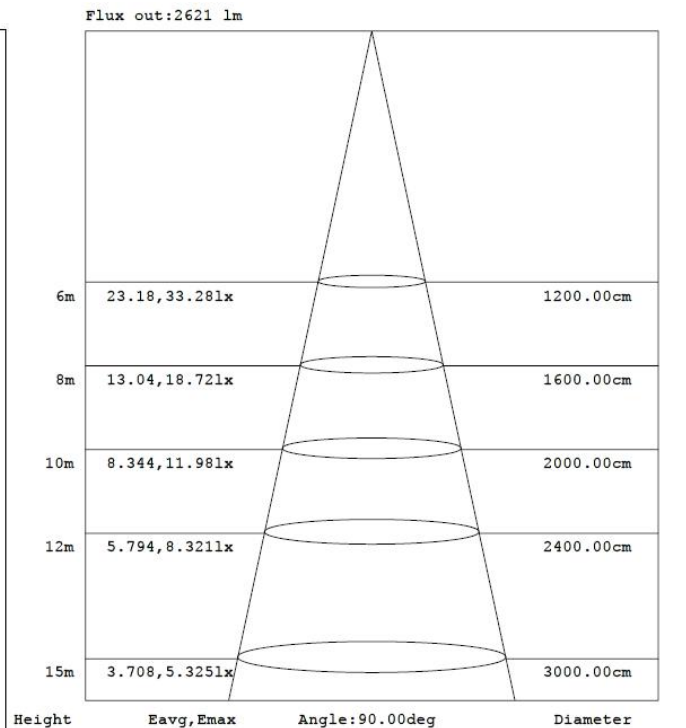
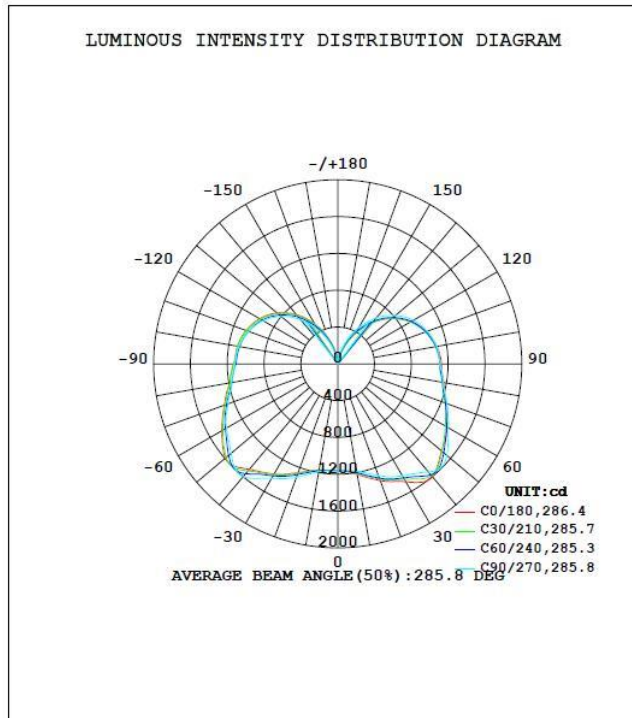
LED Brand	Samsung
LED Type	SMD2835
Housing	PC / Aluminum
Housing color	Off white
Cover	Polycarbonate

Others


Operating Temperature	-40deg <>45deg
Operating Humidity	20%-70% RH
Storage Temperature	-40deg ><80deg
Storage Humidity	10%-75%
Application	Indoor
Safety Certification	CE, RoHS
Warranty	5 Years manufacture warranty

Light Distribution Testing Parameters

DATA OF LAMP		PHOTOMETRIC DATA Eff: 140.43 lm/W			
MODEL		I _{max} (cd)	1631	S/MH (C0/180)	1.94
NOMINAL POWER (W)	100	LOR (%)	100.0	S/MH (C90/270)	1.97
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	13801	η UP, DN (C0-180)	19.3, 30.8
NOMINAL FLUX (lm)	13800.9	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	19.1, 30.7
LAMPS INSIDE	1	η up (%)	38.4	CIBSE SHR NOM	2.00
TEST VOLTAGE (V)	120	η down (%)	61.6	CIBSE SHR MAX	0.00



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

 This product is certified and marked.

Package

Lamps Net Weight: 1.56 kg / pc

PACKAGE

	Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	330*165*165 MM	1 PC	1.56 KG	1.7 KG