



TE LED Round Ceiling Light

Designed to be a direct replacement of incandescent or fluorescent ceiling light, the TE LED Round Ceiling Light features a wide selection of wattages, to best match required illumination on the floor with different ceiling heights.

The luminaire is fully compliant to requirements of PPA/104(A), required by Hong Kong Fire Service Department for emergency lighting. Making it an ideal choice for bathroom, lobby, staircase, and back of house areas.

TE LED Round Ceiling Light is extremely energy efficient, meeting the Lighting Power Density (LPD) requirement of BEC 2018 for staircase (7W/m²), corridor (8W/m²), pantry etc. Powered by our in-house developed TE Intelligent Driver, it allows the luminaire to be dimmed to 30% when the space is unoccupied, by using microwave motion sensor with compliance to Automatic Lighting Control (ALC) of BEC 2018. Availability of emergency version with 2-Hours Battery allow the installation to comply with Fire Services Department (FSD) and has been tested to comply with PPA/104(A), 4th revision.

Specifications

Electrical

- Input Voltage: AC 220V – 240V
- Output Power: Up to 20W
- Frequency: 50 / 60 Hz
- Power Factor: 0.95

Optical & LED Driver

- Color Temperature: 3000K/3500K/4000K/5000K
- Lumen Output at LED Chip Level: > 200 lm/W
- Delivered Lumen: ~ 75 lm/W*
- Total Harmonic Distortion: < 20%
- Anti-Flickering Device Built-In
- Step dimming (Standard) - Dimmed to 30% upon receipt of an ON-OFF signal / sensor
- 0-10V dimming (Standard) - External dimming signal is required**

Mechanical

- Mounting: Surface Mounted
- Polycarbonate Diffuser Cover
- Quick Release Connectors & Thumb Screws on LED PCB

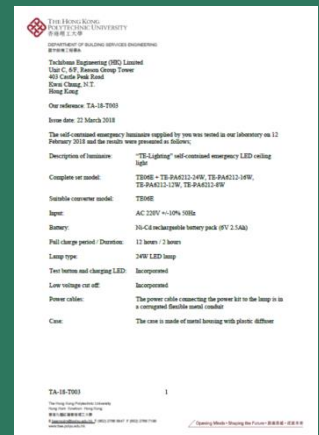
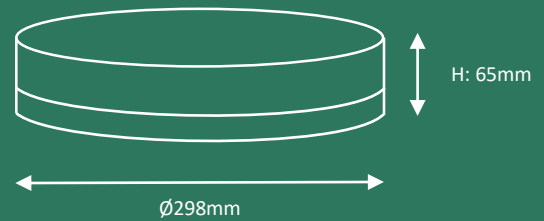
Optional Features

- 2-Hours Emergency Battery with Charger (Inverter model: TE06E)
- Microwave Motion Sensor

*Delivered lumens depends on color temperature and the use of options

**Please consult sales for availability with emergency battery version

Dimension Drawing



Ordering Information

Example: **TERCL-8W-30K-2H-MMS**

Product	Wattage	Color Temperature	2-Hours Battery	Motion Sensor
TERCL	8W (580 lumens)	3000K	No Code	No Code
	12W (860 lumens)	3500K	2H	MMS (Microwave)
	16W (1150 lumens)	4000K	Others – Please Specify	
	20W (1440 lumens)	5000K		
	Others - Please Specify	Others - Please Specify		