

MAGNUM GRAND

Tubelight

Energy saving, environmental friendly, long life, corrosion resistant, impact proof, surface mounting IP65 luminaire with PC housing & opal finish cover suitable for wet location. LEDs used as light source.

PRODUCT SPECIFICATIONS

Features & Benefits

- Excellent efficacy & performance suitable for wall/ceiling and suspended installation.
- Long life & photobiologically safe LED's
- High performance electronic driver ensures zero maintenance
- No harmful UV & IR radiations
- Environment friendly as it does not contain Mercury
- Instant light with low running temperatures
- Operating temperature:-10° C to 45° C
- Operating voltage range: 140 V - 270 V
- Average life $L_{70B_{50}}$: 50000 hours

Housing & Finish

Made up of scratch resistant unbreakable polycarbonate in grey finish. PG 11 cable gland is used for maintaining ingress protection.

Light source

High efficiency long life LED package in integral module with lumen efficacy of >130 lm/W and viewing angle of 120° to ensure better uniformity.

Cover

High quality polycarbonate diffuser in opal finish for glare free uniform light distribution, snap fitted to the housing.

Reflector

With power coated CRCA sheet acts as reflector and control gear tray.

Electronic driver

Powered by an integral electronic driver (SMPS based constant current supply) with low THD, Output Short-circuit / Open Circuit protection, Surge protection & Safety test as per IS:15885 Part 2/Sec 13.

Mounting

Surface & suspended through 2 nos. SS clamps & screws provided with fixture.

Applications

- Battery rooms
- Chilling plants
- Underground parkings
- Thermal power stations



Green
LED | 20 W / 40 W
Life **50000 hours | High Efficiency**



TECHNICAL DATA

| Ordering Code | System Power (W) | Nominal Voltage (V) | Mains Current (A) | Power Factor | Colour Temp. (CCT) | CRI (Ra) | System Lumens (lm) | Colour of Fixture | System Luminous Efficacy lm/ W |
|---------------------------|------------------|---------------------|-------------------|--------------|--------------------|----------|--------------------|-------------------|--------------------------------|
| MAGNUMGRANDILS20WLED857PC | 20 W | 240 | 0.085 | ≥0.95 | 5700 K | ≥80 | 1700 | Off White | ≥85 |
| MAGNUMGRANDILS40WLED857PC | 40 W | 240 | 0.175 | ≥0.95 | 5700 K | ≥80 | 3400 | Off White | ≥85 |

IS 10322 (Part 5/Sec 1): 2012



TECHNICAL DRAWING



| System Power | Length l (mm) | Width w (mm) | Height h (mm) | CD of mounting holes (d) (in mm) |
|--------------|---------------|--------------|---------------|----------------------------------|
| 20 W | 590 | 86 | 73 | 380 |
| 40 W | 1180 | 86 | 73 | 970 |

All dimensions are in mm
Tolerance: ± 5 mm

PHOTOMETRIC DRAWING

