

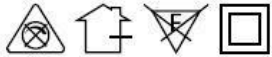
RENE 2W

RENE TILTABLE LINER SPOT LIGHT

Indoor Luminaire

Product Code:

LRNE01S002XC / LRNE01S002XN / LRNE01S002XW
2W - 140lm - 6500K - CRI>70 Ra - Beam Angle 30°



Technical Specifications

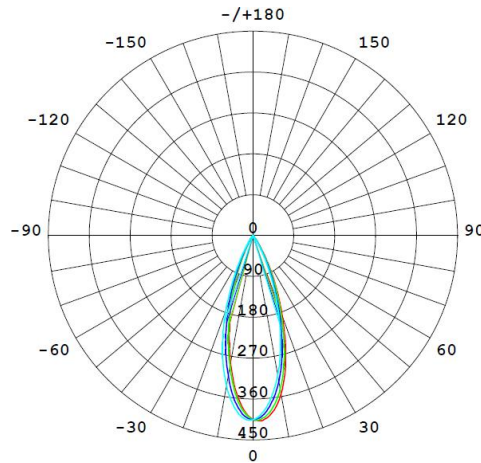
| | |
|------------------------------------|--|
| Operating Temperature | -10°C to 40°C |
| Rated Input Voltage & Frequency | 220 ~ 240 VAC, 50Hz |
| Rated Input Wattage | 2W ± 10% |
| Rated Input Current | 0.017 Amp (Nominal) |
| Power Factor | ≥0.50 |
| Rated Luminous Flux | 140 lm / 130 lm / 120 lm (tolerance as per BIS) |
| Rated Luminaire Efficacy | 70 lm/W / 65 lm/W / 60 lm/W (tolerance as per BIS) |
| Correlated Color Temperature (CCT) | 6500 K / 4000 K / 3000 K (tolerance as per ANSI) |
| Color Rendering Index (CRI) | >70 Ra |
| Beam Angle | 30° (within the permissible limits) |
| Driver Efficiency | ≥50% |
| LED Life Span | >50000 Hrs (Ta=25°C @L70) |
| Housing | Aluminium Extrusion with Black Powder Coating and CRCA Frame with White/Black Powder Coating |
| Lens / Reflector | PC Lens & Reflector |
| Mounting | Recess |

Protections

| | |
|-----------------------------------|-----------------------------------|
| Over Voltage Protection | Withstand upto 300V/AC for 4 Hrs. |
| Surge Protection | ±2.5KV |
| Protection Class | Class II |
| Ingress Protection (IP Rating) | IP20 |
| Impact Protection (IK Rating) | IK02 |
| Short Circuit Protection | Provided |
| Open Circuit Protection (No Load) | Provided |
| Reverse Polarity Protection | Provided |

All technical data is subject to industry-standard tolerances.

Light Distribution

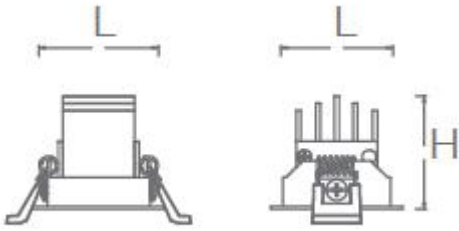


UGR Table

| | | | | | | | | | | | |
|---|------------------|------|------|------|------|----------------|------|------|------|------|------|
| ceiling/cavity | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | |
| walls | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | |
| working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | |
| Room dimensions | Viewed crosswise | | | | | Viewed endwise | | | | | |
| x = 2H y = 2H | 13.2 | 13.9 | 13.4 | 14.1 | 14.2 | 10.9 | 11.6 | 11.1 | 11.8 | 11.9 | |
| 3H | 13.0 | 13.7 | 13.3 | 13.9 | 14.1 | 10.7 | 11.4 | 11.0 | 11.6 | 11.8 | |
| 4H | 12.9 | 13.6 | 13.2 | 13.8 | 14.0 | 10.6 | 11.3 | 10.9 | 11.5 | 11.7 | |
| 6H | 12.8 | 13.5 | 13.1 | 13.7 | 13.9 | 10.5 | 11.2 | 10.8 | 11.4 | 11.6 | |
| 8H | 12.8 | 13.4 | 13.1 | 13.6 | 13.9 | 10.5 | 11.1 | 10.8 | 11.3 | 11.6 | |
| 12H | 12.8 | 13.3 | 13.1 | 13.6 | 13.9 | 10.4 | 11.0 | 10.8 | 11.3 | 11.6 | |
| 4H | 2H | 12.9 | 13.6 | 13.2 | 13.8 | 14.0 | 10.6 | 11.3 | 10.9 | 11.5 | 11.7 |
| 3H | 12.8 | 13.3 | 13.1 | 13.6 | 13.9 | 10.5 | 11.0 | 10.8 | 11.3 | 11.6 | |
| 4H | 12.7 | 13.2 | 13.0 | 13.5 | 13.8 | 10.4 | 10.9 | 10.7 | 11.2 | 11.5 | |
| 6H | 12.6 | 13.0 | 12.9 | 13.4 | 13.7 | 10.3 | 10.7 | 10.6 | 11.1 | 11.4 | |
| 8H | 12.5 | 12.9 | 12.9 | 13.3 | 13.6 | 10.2 | 10.6 | 10.6 | 11.0 | 11.4 | |
| 12H | 12.5 | 12.8 | 12.9 | 13.2 | 13.6 | 10.2 | 10.6 | 10.6 | 10.9 | 11.3 | |
| 8H | 4H | 12.5 | 12.9 | 12.9 | 13.3 | 13.6 | 10.2 | 10.6 | 10.6 | 11.0 | 11.4 |
| 6H | 12.4 | 12.8 | 12.8 | 13.1 | 13.6 | 10.1 | 10.5 | 10.5 | 10.8 | 11.3 | |
| 8H | 12.3 | 12.7 | 12.8 | 13.1 | 13.5 | 10.0 | 10.4 | 10.5 | 10.8 | 11.2 | |
| 12H | 12.3 | 12.5 | 12.7 | 13.0 | 13.5 | 10.0 | 10.3 | 10.4 | 10.7 | 11.2 | |
| 12H | 4H | 12.5 | 12.8 | 12.9 | 13.2 | 13.6 | 10.2 | 10.6 | 10.6 | 10.9 | 11.3 |
| 6H | 12.3 | 12.7 | 12.8 | 13.1 | 13.5 | 10.0 | 10.4 | 10.5 | 10.8 | 11.2 | |
| 8H | 12.3 | 12.5 | 12.7 | 13.0 | 13.5 | 10.0 | 10.3 | 10.4 | 10.7 | 11.2 | |
| Variations with the observer position at spacings (CIE Pub.117) : | | | | | | | | | | | |
| S = 1.0H | + 3.9 / -24.7 | | | | | + 3.2 / - 1.5 | | | | | |
| 1.5H | + 6.0 / -12.3 | | | | | + 5.2 / -12.3 | | | | | |
| 2.0H | + 6.0 / - 1.5 | | | | | + 6.2 / - 1.5 | | | | | |

Product Dimensions (LxWxH)

55 x 55 x 47 mm, Cutout: 50 x 47 mm



Applications

Residences, Offices, Small Retail Shops, Hotels, Coffee Shops, Restaurants, Hospitals, area lighting and for other indoor applications.