

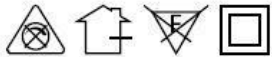
PRIDE 40W

PRIDE WEATHER PROOF FITTING

Indoor Luminaire

Product Code:

LPRD01X040XC / LPRD01X040XN / LPRD01X040XW
40W - 4000lm - 6500K - CRI>80 Ra - Beam Angle 120°



Technical Specifications

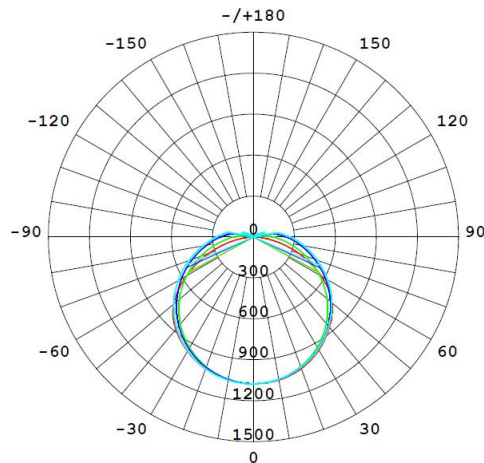
| | |
|------------------------------------|---|
| Operating Temperature | -10°C to 40°C |
| Rated Input Voltage & Frequency | 230 VAC, 50Hz |
| Rated Input Wattage | 40W ± 10% |
| Rated Input Current | 0.170 Amp (Nominal) |
| Power Factor | ≥0.9 |
| ATHD | <10% |
| Rated Luminous Flux | 4000 lm / 3800 lm / 3600 lm (tolerance as per BIS) |
| Rated Luminaire Efficacy | 100 lm/W / 95 lm/W / 90 lm/W (tolerance as per BIS) |
| Correlated Color Temperature (CCT) | 6500 K / 4000 K / 3000 K (tolerance as per ANSI) |
| Color Rendering Index (CRI) | >80 Ra |
| Beam Angle | 120° (within the permissible limits) |
| Driver Efficiency | ≥85% |
| LED Life Span | >50000 Hrs (Ta=25°C @L70) |
| Housing | PC. Housing |
| Lens / Reflector | PC. Diffuser |
| Mounting | Surface Mount |

Protections

| | |
|-----------------------------------|-----------------------------------|
| Over Voltage Protection | Withstand upto 440V/AC for 4 Hrs. |
| Surge Protection | ±4.0KV |
| Protection Class | Class II |
| Ingress Protection (IP Rating) | IP65 |
| 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

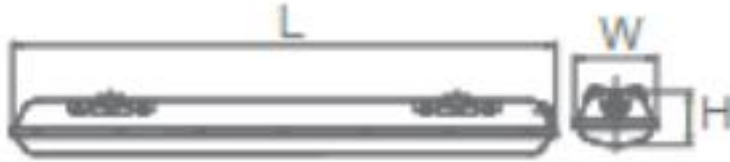


UGR Table

| | | | | | | | | | | | |
|---|------------------|------|------|------|------|----------------|------|------|------|------|------|
| 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 | 19.5 | 21.1 | 19.9 | 21.4 | 21.7 | 20.0 | 21.6 | 20.4 | 21.9 | 22.2 | |
| 3H | 21.3 | 22.7 | 21.7 | 23.1 | 23.4 | 22.3 | 23.7 | 22.7 | 24.1 | 24.4 | |
| 4H | 22.0 | 23.3 | 22.4 | 23.7 | 24.1 | 23.5 | 24.9 | 23.9 | 25.2 | 25.6 | |
| 6H | 22.4 | 23.7 | 22.9 | 24.1 | 24.5 | 24.8 | 26.1 | 25.2 | 26.5 | 26.9 | |
| 8H | 22.6 | 23.8 | 23.0 | 24.2 | 24.6 | 25.5 | 26.8 | 25.9 | 27.1 | 27.6 | |
| 12H | 22.7 | 23.9 | 23.1 | 24.3 | 24.7 | 26.3 | 27.5 | 26.8 | 27.9 | 28.4 | |
| 4H | 2H | 20.3 | 21.7 | 20.7 | 22.0 | 22.4 | 20.7 | 22.0 | 21.1 | 22.4 | 22.8 |
| 3H | 22.3 | 23.5 | 22.7 | 23.9 | 24.3 | 23.2 | 24.4 | 23.6 | 24.8 | 25.2 | |
| 4H | 23.2 | 24.3 | 23.6 | 24.7 | 25.2 | 24.6 | 25.7 | 25.0 | 26.1 | 26.6 | |
| 6H | 23.9 | 24.8 | 24.3 | 25.3 | 25.8 | 26.1 | 27.1 | 26.6 | 27.5 | 28.0 | |
| 8H | 24.1 | 25.0 | 24.6 | 25.5 | 26.0 | 26.9 | 27.8 | 27.4 | 28.3 | 28.8 | |
| 12H | 24.2 | 25.1 | 24.7 | 25.6 | 26.1 | 27.9 | 28.7 | 28.4 | 29.2 | 29.7 | |
| 8H | 4H | 23.8 | 24.7 | 24.3 | 25.2 | 25.7 | 25.0 | 25.9 | 25.5 | 26.4 | 26.9 |
| 6H | 24.8 | 25.6 | 25.3 | 26.1 | 26.7 | 26.8 | 27.6 | 27.3 | 28.1 | 28.6 | |
| 8H | 25.2 | 25.9 | 25.8 | 26.5 | 27.0 | 27.8 | 28.5 | 28.4 | 29.0 | 29.6 | |
| 12H | 25.6 | 26.2 | 26.1 | 26.7 | 27.3 | 29.0 | 29.6 | 29.6 | 30.2 | 30.8 | |
| 12H | 4H | 24.0 | 24.8 | 24.5 | 25.3 | 25.9 | 25.0 | 25.9 | 25.5 | 26.4 | 26.9 |
| 6H | 25.1 | 25.8 | 25.7 | 26.4 | 26.9 | 26.9 | 27.6 | 27.5 | 28.1 | 28.7 | |
| 8H | 25.7 | 26.3 | 26.3 | 26.9 | 27.5 | 28.1 | 28.7 | 28.6 | 29.2 | 29.8 | |
| Variations with the observer position at spacings (CIE Pub.117) : | | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.1 | | | | | + 0.1 / - 0.1 | | | | | |
| 1.5H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | | |
| 2.0H | + 0.1 / - 0.3 | | | | | + 0.2 / - 0.4 | | | | | |

Product Dimensions (L x W x H)

1180 X 86 X 67 mm



Applications

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