

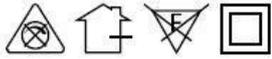
Astre Led Wall Light **12W**

Outdoor Luminaire

Product Code:

LWWL03X012XW

12W - 840lm - 3000K - CRI>80 Ra - Beam Angle - 97°



Technical Specifications

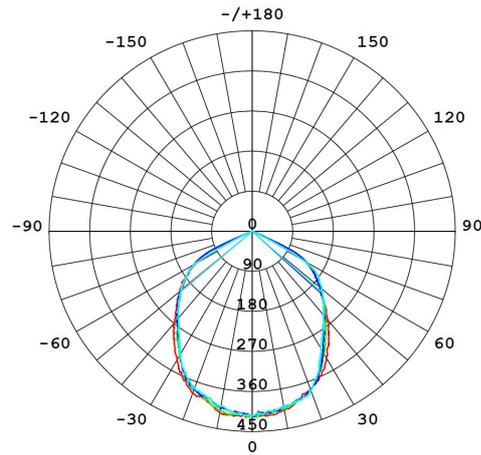
| | |
|------------------------------------|---|
| Operating Temperature | -10°C to 50°C |
| Rated Input Voltage & Frequency | 240 VAC, 50Hz |
| Rated Input Wattage | 12W ± 10% |
| Rated Input Current | 0.060 Amp (Nominal) |
| Power Factor | ≥0.90 |
| ATHD | <20% |
| Rated Luminous Flux | 840 lm (tolerance as per BIS) |
| Rated Luminaire Efficacy | 70 lm/W (tolerance as per BIS) |
| Correlated Color Temperature (CCT) | 3000 K ± 175K (tolerance as per ANSI) |
| Color Rendering Index (CRI) | >70 Ra |
| Driver Efficiency | ≥80% |
| LED | COB |
| LED Life Span | >50000 Hrs (Ta=25°C @L70) |
| Beam Angle | 97° |
| Housing | Die Cast Aluminium with Powder Coating |
| Finish | Matt Grey |
| Lens / Reflector | Aluminium Anodized Reflector and Transparent Tempered Glass |
| Mounting | Surface / Wal |

Protections

| | |
|-----------------------------------|------------------------------------|
| Over Voltage Protection | Withstand upto 300V/AC for 20 Min. |
| Surge Protection | ±2.0KV |
| Ingress Protection (IP Rating) | IP54 |
| Impact Protection (IK Rating) | IK04 |
| 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

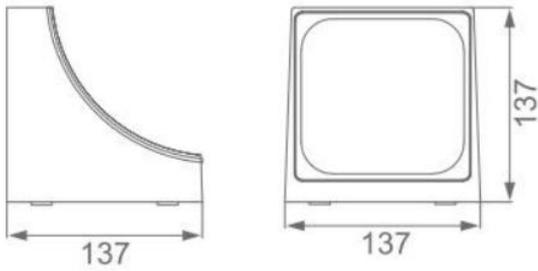


UGR Table

| | | | | | | | | | | | | |
|---|------------------|------|------|------|------|----------------|------|------|------|------|------|------|
| 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 | 25.2 | 26.5 | 25.4 | 26.7 | 26.9 | 25.3 | 26.6 | 25.5 | 26.8 | 27.0 | | |
| | 3H | 25.0 | 26.2 | 25.3 | 26.4 | 26.7 | 25.1 | 26.3 | 25.3 | 26.5 | 26.7 | |
| | 4H | 24.9 | 26.0 | 25.2 | 26.3 | 26.5 | 25.0 | 26.1 | 25.3 | 26.4 | 26.6 | |
| | 6H | 24.8 | 25.9 | 25.1 | 26.1 | 26.4 | 24.9 | 25.9 | 25.2 | 26.2 | 26.5 | |
| | 8H | 24.7 | 25.8 | 25.1 | 26.0 | 26.3 | 24.8 | 25.9 | 25.1 | 26.1 | 26.4 | |
| | 12H | 24.7 | 25.7 | 25.0 | 26.0 | 26.3 | 24.8 | 25.8 | 25.1 | 26.0 | 26.3 | |
| | 4H | 2H | 25.5 | 26.6 | 25.8 | 26.9 | 27.1 | 25.6 | 26.7 | 25.9 | 27.0 | 27.2 |
| | | 3H | 25.3 | 26.3 | 25.6 | 26.6 | 26.9 | 25.4 | 26.4 | 25.7 | 26.6 | 26.9 |
| | | 4H | 25.2 | 26.1 | 25.6 | 26.4 | 26.7 | 25.3 | 26.2 | 25.6 | 26.5 | 26.8 |
| | | 6H | 25.1 | 25.9 | 25.5 | 26.2 | 26.6 | 25.2 | 26.0 | 25.6 | 26.3 | 26.7 |
| | | 8H | 25.1 | 25.8 | 25.5 | 26.1 | 26.5 | 25.1 | 25.9 | 25.5 | 26.2 | 26.6 |
| | | 12H | 25.0 | 25.7 | 25.4 | 26.1 | 26.5 | 25.1 | 25.7 | 25.5 | 26.1 | 26.5 |
| | 8H | 4H | 25.1 | 25.8 | 25.5 | 26.1 | 26.5 | 25.1 | 25.9 | 25.5 | 26.2 | 26.6 |
| | | 6H | 25.0 | 25.6 | 25.4 | 26.0 | 26.4 | 25.0 | 25.6 | 25.5 | 26.0 | 26.5 |
| | | 8H | 24.9 | 25.4 | 25.4 | 25.9 | 26.3 | 25.0 | 25.5 | 25.5 | 25.9 | 26.4 |
| | | 12H | 24.9 | 25.3 | 25.4 | 25.8 | 26.2 | 25.0 | 25.4 | 25.4 | 25.8 | 26.3 |
| | 12H | 4H | 25.0 | 25.7 | 25.4 | 26.1 | 26.5 | 25.1 | 25.7 | 25.5 | 26.1 | 26.5 |
| | | 6H | 24.9 | 25.4 | 25.4 | 25.9 | 26.3 | 25.0 | 25.5 | 25.5 | 25.9 | 26.4 |
| | | 8H | 24.9 | 25.3 | 25.4 | 25.8 | 26.2 | 25.0 | 25.4 | 25.4 | 25.8 | 26.3 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | | | |
| S = 1.0H | + 0.4 / - 0.6 | | | | | + 0.2 / - 0.4 | | | | | | |
| 1.5H | + 0.9 / - 1.7 | | | | | + 1.1 / - 1.7 | | | | | | |
| 2.0H | + 0.7 / - 0.9 | | | | | + 0.9 / - 1.0 | | | | | | |

Product Dimensions (L X W X H)

137 X 137 X 137 mm (Tol.±5 mm)



Applications

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