



AT3014

Round Low-profile IP54 Dimmable Oyster

- Energy efficient LED
- IP54 weatherproof rating
- Sleek modern slimline design
- Phase-cut dimmable



ORDERING INFORMATION

| | |
|-------------|---|
| Order code | 10924 |
| Description | 250mm 12w LED Round Low Profile Dimmable IP54 Poly. Oyster - White Trim - 4000K |
| Driver Type | Dimmable (Phase cut) |
| Item Code | AT3014/12/LED/WH/CW |

EFFICIENCIES

Total System Efficiency 107 lm/W

The performance of each component of a luminaire is demonstrated through its efficiencies, which together determine the total system efficiency of the product. The output of the LED chip is first multiplied by the optical and thermal efficiencies to calculate the Luminaire efficiency. However, this calculation does not consider the driver efficiency. To determine the overall efficiency of the system, the Luminaire efficiency must be multiplied by the driver efficiency, which accounts for all losses in the system.

MECHANICAL

| | |
|-------------------|-----------------|
| Adjustability | Fixed |
| Body Material | Polycarbonate |
| Diffuser Material | Polystyrene |
| Fitting Colour | White |
| Installation Type | Wall or Ceiling |
| IP Rating | IP54 |

ELECTRICAL

| | |
|---|--------------|
| Electrical Rating | Class II |
| Input Current | 0.07 A |
| Input Frequency | 50 Hz |
| Input voltage | 230Vac |
| In Australia the Input voltage is defined as 230Vac -6%/+10%. This effectively means that the voltage range of these products are 216Vac - 253Vac or 240V +6% | |
| Switch Type | Inline |
| System Max Wattage | 12 W |
| Working Temp Range | -20 to 45 °C |

LAMP

| | |
|-------------------|----------|
| Beam Angle | 120 ° |
| CCT Configuration | Single |
| CRI | >80 |
| LED Type | Diffused |
| Number of Lamps | 1 |

LED LIFETIME

| | |
|--|-----------|
| LED Lifetime | 36000 hrs |
| This is the Reported LED Lifetime in Hours based on TM-21. Atom does not list the projected or calculated LED lifetime, which is normally longer as TM-21 Addendum B explicitly states "The Calculated and Projected Lp(Dk) are not to be reported". This Lifetime refers to the life of a single LED however the system life is longer since the probability and binomial distribution of all LEDs in the system means that the average led is performing above the specification and compensates for the LEDs falling below. | |
| LED Lifetime Rating | L70B10 |
| TM-21 Test Hours | 6000 hrs |



COLOUR TEMPERATURE

| | |
|------------------|------------|
| CCT | 4000K |
| CCT Colour | Cool White |
| Luminaire Lumens | 1280 lm |

All photometric data has a tolerance of ±10%. Luminaire lumens refers to the exit lumens or delivered lumens from the luminaire.

DRIVER

| | |
|-------------------|------------------------------------|
| Dimmable | Yes |
| Driver Included | Yes |
| Integrated Driver | Yes |
| Driver Mode | Constant Current |
| Driver Type | Dimmable (Phase cut) |
| Wiring Type | Re-wireable terminal block (3 pin) |

ENERGY SAVINGS SCHEME

| | |
|----------------|-----|
| Ipart Approval | Yes |
| REES Approval | Yes |
| VEU Approval | Yes |

COMPLIANCE

| | |
|-----------|--|
| Standards | AS/NZS 60598.1 AS/NZS 60598.2.1 AS/NZS 61347.1 AS/NZS 61347.2.13 AS CISPR 15 |
|-----------|--|

WARRANTY

| | |
|-----------------------|---------------------------------|
| Domestic Use Warranty | 3 RTB (Total 3 Years) |
| Operational Lifetime | 30000 hrs |
| VIP Warranty | 2 Onsite, 3 RTB (Total 5 Years) |

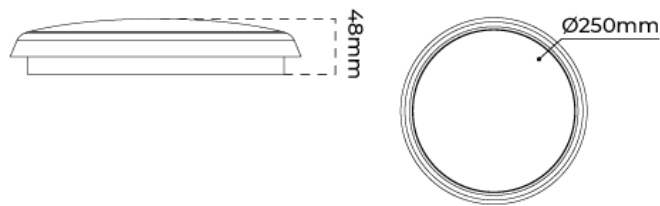
VIP warranty is available to registered users and is subjected to additional terms and conditions.

DIMENSIONS

| | |
|----------------|--------|
| Product Height | 48 mm |
| Product Length | 221 mm |
| Product Width | 250 mm |

LINE DRAWINGS

AT3014/12



PHOTOMETRICS

AT3014/12/CW

