

## AT1108/12/WH/WW

LED track mounted adjustable spotlights



### MECHANICAL

|                          |               |
|--------------------------|---------------|
| <b>Adjustability</b>     | Fixed         |
| <b>Body Material</b>     | Aluminium     |
| <b>Diffuser Material</b> | Glass         |
| <b>Product Finish</b>    | Powdercoated  |
| <b>Fitting Colour</b>    | White         |
| <b>Installation Type</b> | Surface mount |
| <b>IP Rating</b>         | IP20          |

### ELECTRICAL

|   |              |
|---|--------------|
| <b>Electrical Rating</b>  | Class I      |
| <b>Input Frequency</b>  | 50 Hz        |
| <b>Input voltage</b>  | 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% |              |
| <b>Switch Type</b>  | Inline       |
| <b>System Max Wattage</b>   | 12 W         |
| <b>Working Temp Range</b>   | -20 to 40 °C |

### LAMP

|                             |                        |
|-----------------------------|------------------------|
| <b>Macadam Steps (SDCM)</b> | 3-step MacAdam Ellipse |
| <b>Beam Angle</b>           | 50 °                   |
| <b>CCT Configuration</b>    | Single                 |
| <b>CRI</b>                  | >90                    |
| <b>LED Type</b>             | Diffused               |
| <b>Number of Lamps</b>      | 1                      |

### LED LIFETIME

|                     |           |
|---------------------|-----------|
| <b>LED Lifetime</b> | 35000 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.

## COLOUR TEMPERATURE

|               |            |
|---------------|------------|
| CCT           | 3000 K     |
| CCT Colour    | Warm White |
| System Lumens | 582 lm     |

All photometric data has a tolerance of  $\pm 10\%$ .

## DRIVER

|                   |              |
|-------------------|--------------|
| Dimmable          | No           |
| Driver Included   | Yes          |
| Integrated Driver | Yes          |
| Driver Type       | Fixed output |

## COMPLIANCE

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

## WARRANTY

|                         |                       |
|-------------------------|-----------------------|
| Commercial Use Warranty | 3 RTB (Total 3 Years) |
| Domestic Use Warranty   | 3 (Yr) RTB            |

## DIMENSIONS

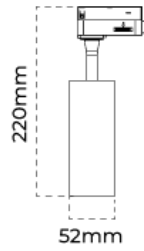
|                  |        |
|------------------|--------|
| Product Diameter | 52 mm  |
| Product Height   | 220 mm |

## ORDERING INFORMATION

|             |   |
|-------------|---|
| Order code  | 11940   |
| Description | 12W LED Track Mounted spotlight - 55o Beam - White - Warm white |
| Item Code   | AT1108/12/WH/WW   |

## LINE DRAWINGS

AT1108/12



## PHOTOMETRICS

AT1108/12/WH/WW

