

AT1108/20/BLK/WW

LED track mounted adjustable spotlights

MECHANICAL

Adjustability	Fixed
Body Material	Aluminium
Diffuser Material	Glass
Product Finish	Powdercoated
Fitting Colour	Black
Installation Type	Surface mount
IP Rating	IP20

ELECTRICAL

Electrical Rating	Class I
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	20 W
Working Temp Range	-20 to 40 °C

LAMP

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

LED LIFETIME

LED Lifetime	35000 hrs
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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	1140 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 AS/NZS 60598.2.1 AS/NZS 61347.1 AS/NZS 61347.2.13 AS CISPR 15
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WARRANTY

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

DIMENSIONS

Product Diameter	55 mm
Product Height	235 mm

ORDERING INFORMATION

Order code	11909
Description	20W LED Track Mounted spotlight - 55o Beam - Black - Warm white
Item Code	AT1108/20/BLK/WW



**LINE DRAWINGS
PHOTOMETRICS**

**AT1108/20
AT1108/20/WH/WW**