

AT1108

LED track mounted adjustable spotlights



MECHANICAL

Adjustability	Fixed
Body Material	Aluminium
Diffuser Material	Glass
Product Finish	Powdercoated
Fitting Colour	
AT1108/12/BLK/CW AT1108/12/BLK/WW AT1108/20/BLK/WW AT1108/30/BLK/WW	Black
AT1108/12/WH/CW AT1108/12/WH/WW AT1108/20/WH/CW AT1108/20/WH/WW AT1108/30/WH/CW AT1108/30/WH/WW	White
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	
AT1108/12/BLK/CW AT1108/12/BLK/WW AT1108/12/WH/CW AT1108/12/WH/WW	12 W
AT1108/20/BLK/WW AT1108/20/WH/CW AT1108/20/WH/WW	20 W
AT1108/30/BLK/WW AT1108/30/WH/CW AT1108/30/WH/WW	30 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	
AT1108/12/BLK/CW AT1108/12/WH/CW AT1108/20/WH/CW AT1108/30/WH/CW	4000 K
AT1108/12/BLK/WW AT1108/12/WH/WW AT1108/20/BLK/WW AT1108/20/WH/WW AT1108/30/BLK/WW AT1108/30/WH/WW	3000 K
CCT Colour	
AT1108/12/BLK/CW AT1108/12/WH/CW AT1108/20/WH/CW AT1108/30/WH/CW	Cool White
AT1108/12/BLK/WW AT1108/12/WH/WW AT1108/20/BLK/WW AT1108/20/WH/WW AT1108/30/BLK/WW AT1108/30/WH/WW	Warm White
System Lumens	
AT1108/12/BLK/CW AT1108/12/WH/CW	725 lm
AT1108/12/BLK/WW AT1108/12/WH/WW	582 lm
AT1108/20/BLK/WW AT1108/20/WH/WW	1140 lm
AT1108/20/WH/CW	1295 lm
AT1108/30/BLK/WW	1930 lm
AT1108/30/WH/CW	2000 lm

AT1108/30/WH/WW

1980 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

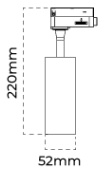
Product Diameter	
AT1108/12/BLK/CW AT1108/12/BLK/WW AT1108/12/WH/CW AT1108/12/WH/WW	52 mm
AT1108/20/BLK/WW AT1108/20/WH/CW AT1108/20/WH/WW	55 mm
AT1108/30/BLK/WW AT1108/30/WH/CW AT1108/30/WH/WW	65 mm
Product Height	
AT1108/12/BLK/CW AT1108/12/BLK/WW AT1108/12/WH/CW AT1108/12/WH/WW	220 mm
AT1108/20/BLK/WW AT1108/20/WH/CW AT1108/20/WH/WW	235 mm
AT1108/30/BLK/WW AT1108/30/WH/CW AT1108/30/WH/WW	237 mm

Ordering Information

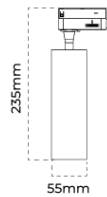
Order code	Item Code	Description
11896	AT1108/12/BLK/CW	12W LED Track Mounted spotlight - 55o Beam - Black - Cool white
11917	AT1108/12/BLK/WW	12W LED Track Mounted spotlight - 55o Beam - Black - Warm white
11934	AT1108/12/WH/CW	12W LED Track Mounted spotlight - 55o Beam - White - Cool white
11940	AT1108/12/WH/WW	12W LED Track Mounted spotlight - 55o Beam - White - Warm white
11909	AT1108/20/BLK/WW	20W LED Track Mounted spotlight - 55o Beam - Black - Warm white
12006	AT1108/20/WH/CW	20W LED Track Mounted spotlight - 55o Beam - White - Cool white
12050	AT1108/20/WH/WW	20W LED Track Mounted spotlight - 55o Beam - White - Warm white
12061	AT1108/30/BLK/WW	30W LED Track Mounted spotlight - 55o Beam - Black - Warm white
12170	AT1108/30/WH/CW	30W LED Track Mounted spotlight - 55o Beam - White - Cool white
12231	AT1108/30/WH/WW	30W LED Track Mounted spotlight - 55o Beam - White - Warm white

Line Drawings

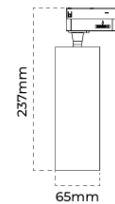
AT1108/12



AT1108/20

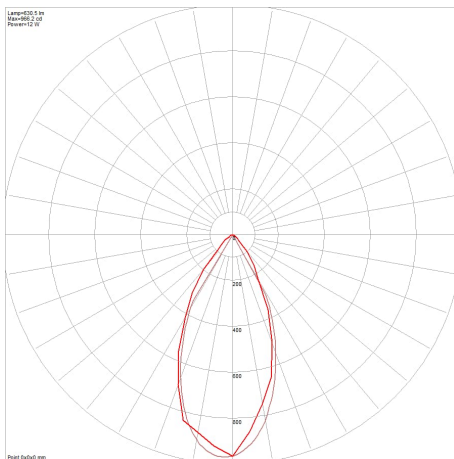


AT1108/30

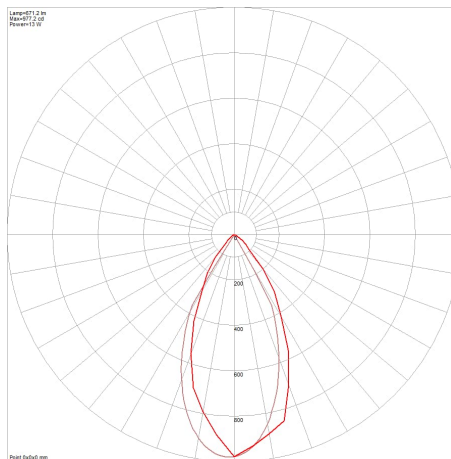


Photometrics

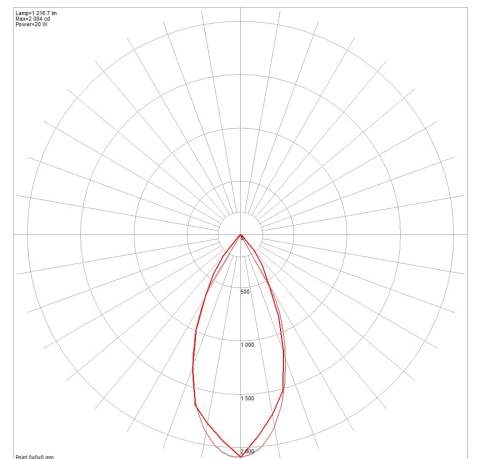
AT1108/12/WH/CW



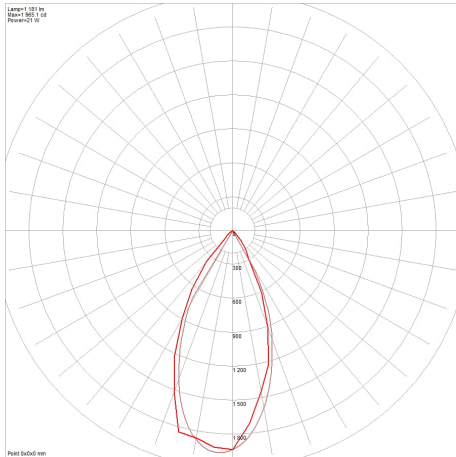
AT1108/12/WH/WW



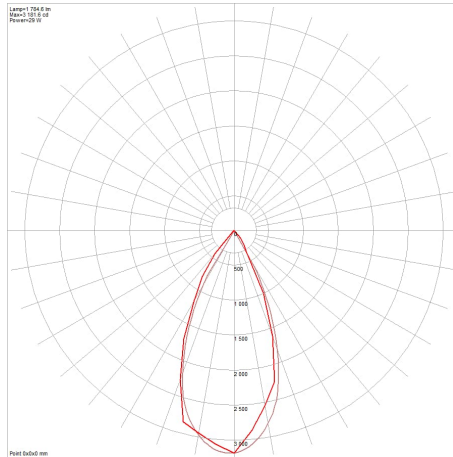
AT1108/20/WH/WW



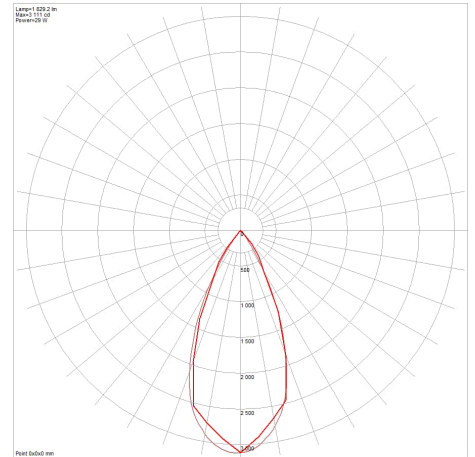
AT1108/20/WH/CW



AT1108/30/WH/WW



AT1108/30/WH/CW



Accessories

Order code	Item Code	Description
11345	AT1100/BLK/1M	3 Wire Track 1m Aluminium Alloy - Black
11359	AT1100/BLK/2M	3 Wire Track 2m Aluminium Alloy - Black
16833	AT1100/BLK/BEND	3 Wire - Bendable Joiner - Black
11376	AT1100/BLK/CF	3 Wire - Straight Joiner Feeder - Black
11195	AT1100/BLK/DEAD	3 Wire - Dead End - Black
11175	AT1100/BLK/LIVE	3 Wire - Live End Feeder - Black
11415	AT1100/BLK/RA	3 Wire - Right angle joiner Left - Black
11302	AT1100/BLK/RAR	3 Wire - Right angle joiner Right - Black
11393	AT1100/BLK/STR	3 Wire - Straight Joiner - Black
11430	AT1100/BLK/T	3 Wire - T Joiner - Black
11450	AT1100/BLK/X	3 Wire - X Joiner - Black
11643	AT1100/WH/2M	3 Wire Track 2m Aluminium Alloy - White
14739	AT1100/WH/BEND	3 Wire - Bendable Joiner - White
17149	AT1100/WH/CF	3 Wire - Straight Joiner Feeder - White
16693	AT1100/WH/LIVE	3 Wire - Live End Feeder - White
11730	AT1100/WH/RA	3 Wire - Right angle joiner Left - Black
11284	AT1100/WH/RAR	3 Wire - Right angle joiner Right - White
13416	AT1100/WH/STR	3 Wire - Straight Joiner - White
15094	AT1100/WH/T	3 Wire - T Joiner - White
12348	AT1100/WH/X	3 Wire - X Joiner - White