



Mace II

Tri Colour/Multi-wattage Narrow Body IP66 Batten

- Tri-CCT
- Multiwattage selectable - 18W/22W/27W/32W
- Durable IP66 rated narrow-body design
- Ideal for residential, retail and carpark applications



ORDERING INFORMATION

Order code	11114
Description	Mace II - 1200mm 32W LED IP66 Weatherproof Batten - Tri-CCT
Driver Type	Fixed output
Item Code	AT9874/1200/TRI

EFFICIENCIES

Total System Efficiency 154 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

IP Rating	IP66
IK Rating	IK08
Adjustability	Fixed
Fitting Colour	Grey
Product Finish	Plastic
Body Material	Polycarbonate
Diffuser Material	Polycarbonate
Installation Type	Surface mount

ELECTRICAL

Working Temp Range	-20 to 40 °C
Input Frequency	50 Hz
Switch Type	Inline
Maximum Wattage	32 W
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%	

LAMP

Colour Rendering Index (CRI)	>80
LED Type	Diffused
CCT Configuration	TRI-CCT
Macadam Steps (SDCM)	4-step MacAdam Ellipse
Beam Angle	180 °

LED LIFETIME

LED Lifetime	72000 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	L70 B10 (9K)



COLOUR TEMPERATURE

18 Watts	
Warm White (4000 K)	2740 lm
Cool White (5000 K)	2780 lm
DayLight (6500 K)	2700 lm
32 Watts	
Warm White (4000 K)	4495 lm
Cool White (5000 K)	4700 lm
DayLight (6500 K)	4410 lm

DRIVER

Driver Type	Fixed output
Driver Included	Yes
Integrated Driver	No
Dimmable	No
Wiring Type	Re-wireable terminal block (3 pin)

COMPLIANCE

Product Design Life	6 years
The product design life relates to the total product life which includes LEDs, drivers and the enclosure. This is different to the LED lifetime which only refers to the economical lifetime of the LEDs at which time the lumen output has dropped below the L Value. The product design life is calculated at the maximum ambient or working temperature of the product and takes into account the Daily Use.	
Daily Use	12 hrs
The Daily Use is the recommended time required to meet the product's design life. Installations can exceed this time, however the product design life will be reduced proportionally.	
Standards	AS/NZS 60598.1 AS/NZS 60598.2.1 AS/NZS 61347.1 AS/NZS 61347.2.13 AS/NZS CISPR 15

WARRANTY

Warranty Operating Hours	15000 hrs
This product is provided with a warranty up until the stated warranty period or until the stated warranty operating hours has been reached (whichever occurs first).	
Domestic Use Warranty	3 RTB (Total 3 Years)

DIMENSIONS

Product Height	76 mm
Product Length	1236 mm
Product Width	80 mm

LINE DRAWINGS

AT9874/1200/TRI

