



# AT9034 TRI

12W LED Downlight supplied with dimmable driver -

Tri-colour

- Standard or large trim models
- Low profile design for installation into ceilings with low clearances
- Semi-flush metal fascia
- Supplied with dimmable LED driver
- Tri-CCT selectable



## ORDERING INFORMATION

Order code	12423
Description	12W LED Downlight w/Dimm Driver - 110Deg Beam - Large Trim 125mm - White - Tri-CCT
Driver Type	Dimmable ( Phase cut)
Item Code	AT9034/LT/WH/TRI

## EFFICIENCIES

**Total System Efficiency** 87 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	Aluminium
Product Finish	Powdercoated
Fitting Colour	White
IC Rating	IC-4
IC-4 rating has been conducted at the products maximum working Temperature Range (C) in line with Australian standards. This provides the required safety when covered with insulation and used in Australian Environments.	
Installation Type	Recessed
IP Rating	IP44 Front Face Only

## ELECTRICAL

Electrical Rating	Class II
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%	
Maximum Wattage	12 W
Switch Type	Inline
Working Temp Range	-20 to 40 °C

## LAMP

CCT Configuration	Single
CRI	>80
Lamp/LED Current	280 mA
Lamp/LED voltage	36 V

## LED LIFETIME

LED Lifetime	>54,000 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.	
TM-21 Test Hours	9000 hrs



COLOUR TEMPERATURE

Warm White (3000 K)	900 lm
Cool White (4000 K)	1050 lm
DayLight (5700 K)	1000 lm

DRIVER

Dimmable	Yes
Driver Included	Yes
Integrated Driver	No
Driver Type	Dimmable ( Phase cut)
Wiring Type	Re-wireable Flex & Plug (2 pin)

WARRANTY

Domestic Use Warranty	3 (Yr) RTB
VIP Warranty	2 Onsite, 3 RTB (Total 5 Years)

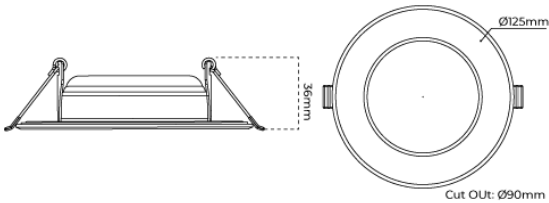
VIP warranty is available to registered users and is subjected to additional terms and conditions.

DIMENSIONS

Cutout	90 mm
Product Diameter	125 mm
Product Height	38 mm

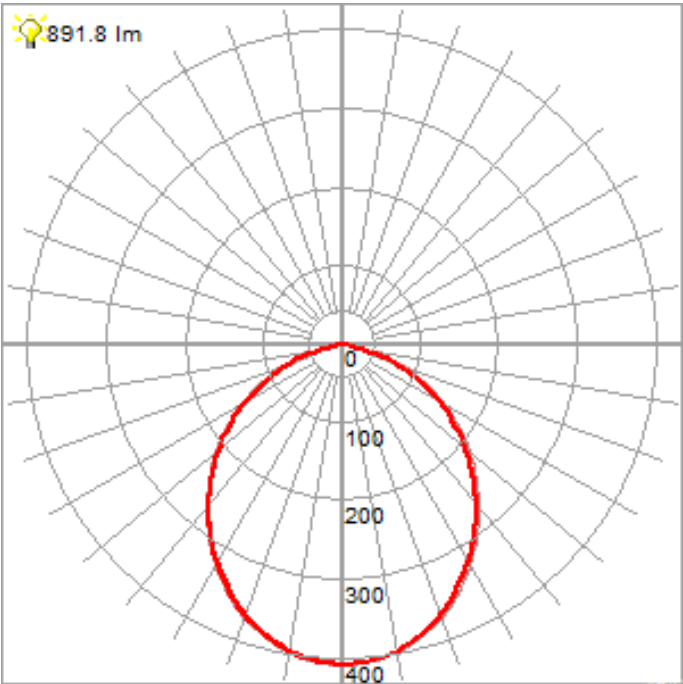
LINE DRAWINGS

AT9034/LT/TRI

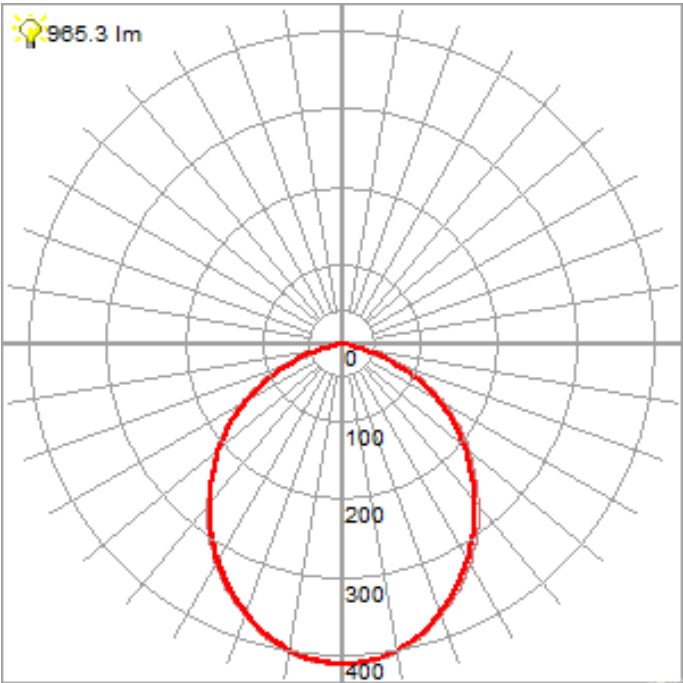


PHOTOMETRICS

AT9034/LT/TRI/5700K



AT9034/LT/TRI/4000K



AT9034/LT/TRI/3000K

