

AT9036 TRI

7W LED downlight with dimmable driver - Tri-CCT

- Suits 70mm Cutout
- 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	12420
Description	7W LED Downlight w/Dimm Driver - 120Deg beam - White - TRI-CCT
Driver Type	Dimmable (Phase cut)
Item Code	AT9036/WH/TRI

EFFICIENCIES

Total System Efficiency 107 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	IP44 Front Face Only
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.	
Adjustability	Fixed
Fitting Colour	White
Product Finish	Powdercoated
Body Material	Aluminium
Installation Type	Recessed

ELECTRICAL

Working Temp Range	-20 to 40 °C
Input Frequency	50 Hz
Switch Type	Inline
Maximum Wattage	7 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
CCT Configuration	Single
Macadam Steps (SDCM)	5-step MacAdam Ellipse
Lamp/LED voltage	36 V
Lamp/LED Current	200 mA

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)	710 lm
Cool White (4000 K)	750 lm
DayLight (5700 K)	720 lm

DRIVER

Driver Type	Dimmable (Phase cut)
Driver Included	Yes
Integrated Driver	No
Dimmable	Yes
Wiring Type	Re-wireable Flex & Plug (2 pin)
Driver Current	160 mA

COMPLIANCE

Standards	AS/NZS 60598.1 AS/NZS 60598.2.2 AS/NZS 61347.1 AS/NZS 61347.2.13 AS CISPR 15
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WARRANTY

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

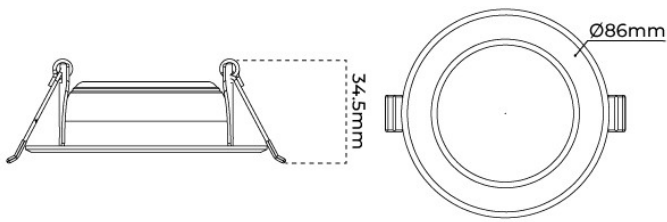
VIP warranty is available to registered users and is subjected to additional terms and conditions.

DIMENSIONS

Product Height	35 mm
Cutout	70 mm
Product Diameter	86 mm

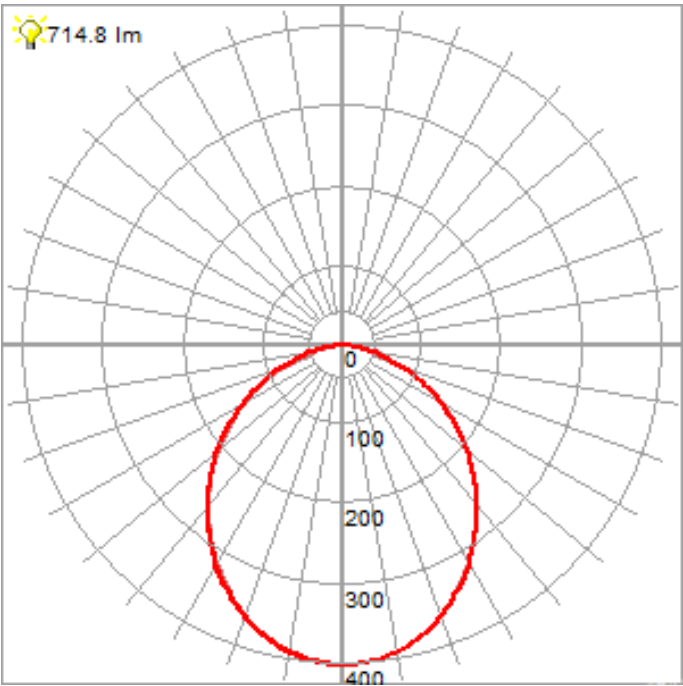
LINE DRAWINGS

AT9036/WH/TRI

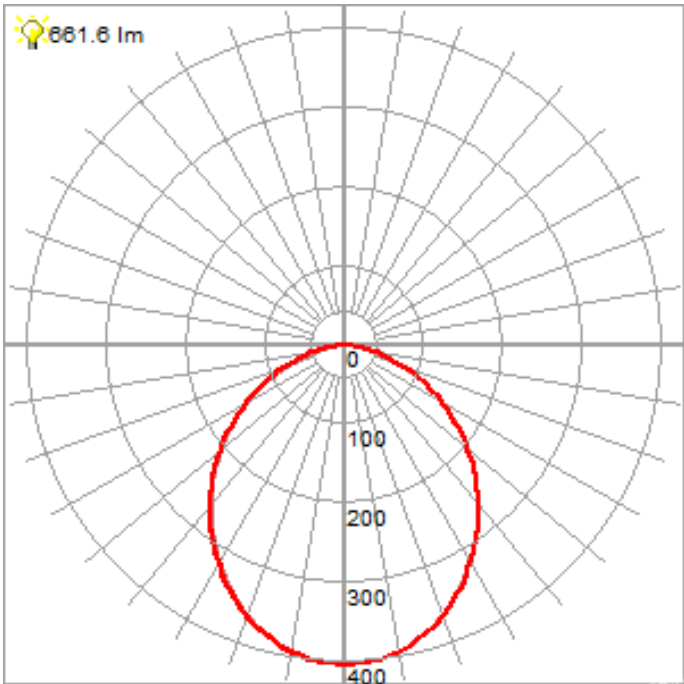


PHOTOMETRICS

AT9036/WH/TRI/5700K



AT9036/WH/TRI/3000K



AT9036/WH/TRI/4000K

