

AT9012/WH/TRI

12W LED Downlight Tri-Colour Supplied With

Dimmable Driver

Features

- Ideal for residential, retail, showroom and decorative lighting applications
- Supplied with a dimmable LED driver
- Long life and durability
- Suitable for 24 hour use
- Easy to install
- Ideal for Residential, retail, showroom and decorative

ORDERING INFORMATION

Order code	11148
Description	12W LED Downlight with Dimmable Driver - 90 degree beam - White - TRI
Driver Power	12 W
Driver Type	Dimmable (Phase cut)
Item Code	AT9012/WH/TRI

MECHANICAL

Adjustability	Fixed
Body Material	Aluminium
Diffuser Material	PMMA
Product Finish	Power coated
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

Power Factor	0.9
Switch Type	Inline
System Max Wattage	12 W
Working Temp Range	0 to 40 °C

LAMP

Beam Angle	90 °
CCT Configuration	TRI-CCT
CRI	>80
Lamp/LED Current	350 mA
LED Type	Diffused
Number of Lamps	1
System Efficiency	81 lm/W

LED LIFETIME

LED Lifetime	50000 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.	

COLOUR TEMPERATURE

Warm White (3000 K)	910 lm
Cool White (4000 K)	1035 lm
DayLight (6000 K)	950 lm

DRIVER

Dimmable	Yes
Driver Code	10974
Driver Included	Yes
Integrated Driver	No
Driver Type	Dimmable (Phase cut)
Driver Warranty	3 Yr
Flex & Plug or Lead Length	120 mm
Wiring Type	Re-wireable Flex & Plug (2 pin)

ENERGY SAVINGS SCHEME

Ipact Approval	Yes
REES Approval	Yes
VEU Approval	Yes

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

Commercial Use Warranty	3 RTB (Total 3 Years)
Domestic Use Warranty	3 (Yr) RTB
Operational Lifetime	50000 hrs
VIP Warranty	2 Onsite, 3 RTB (Total 5 Years)

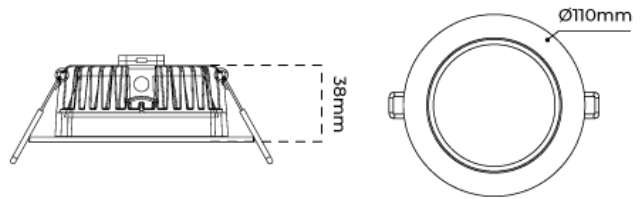
VIP warranty is available to registered users and is subjected to additional terms and conditions.

DIMENSIONS

Cutout	92 mm
Product Diameter	110 mm
Product Height	38 mm

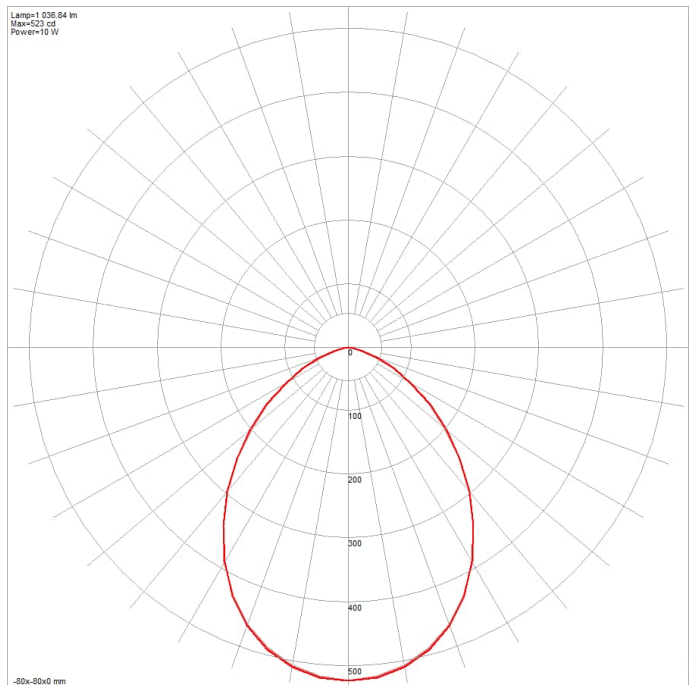
LINE DRAWINGS

AT9012/TRI

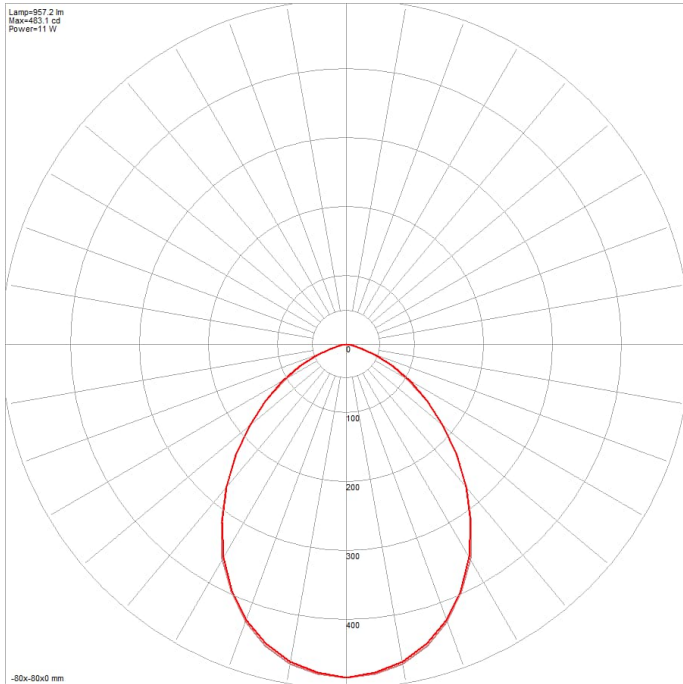


PHOTOMETRICS

AT9012/TRI/12W/4000K



AT9012/TRI/12W/6000K



AT9012/TRI/12W/3000K

