

AT9012/WH/FR/WW

12W LED Fire rated Downlight with dimmable driver

Features

- Ideal for residential, retail, showroom and decorative lighting applications
- Acoustic rating according to AS/NZS ISO 717.1:2004
- Fire rating according to AS1530.4:2014 (120/120)
- Supplied with a dimmable LED driver
- Long life and durability
- Suitable for 24 hour use



ORDERING INFORMATION

Order code	11434
Description	12W LED Fire rated Downlight w/Dimm Driver - 120o beam - Warm White - IP65
Driver Power	12 W
Driver Type	Dimmable (Phase cut)
Item Code	AT9012/WH/FR/WW

MECHANICAL

Adjustability	Fixed
Body Material	Aluminium
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	IP65 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	120 °
CCT Configuration	Single
CRI	>80
Lamp/LED Current	350 mA
LED Type	Diffused
Number of Lamps	1
System Efficiency	81.66 lm/W

LED LIFETIME

LED Lifetime	36000 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.

LED Lifetime Rating	L70B10
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TM-21 Test Hours	6000 hrs
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COLOUR TEMPERATURE

CCT	3000 K
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CCT Colour	Warm White
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LED Wattage	12 W
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System Lumens	900 lm
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All photometric data has a tolerance of $\pm 10\%$.

DRIVER

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

Ipart Approval	Yes
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REES Approval	Yes
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VEU Approval	Yes
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COMPLIANCE

Daily Use	12 hrs
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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 60598.2.2 AS/NZS 61347.1 AS/NZS 61347.2.13 AS CISPR 15 AS 1530.4:2014
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WARRANTY

Commercial Use Warranty	3 RTB (Total 3 Years)
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Domestic Use Warranty	3 (Yr) RTB
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Operational Lifetime	30000 hrs
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VIP Warranty	2 Onsite, 3 RTB (Total 5 Years)
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VIP warranty is available to registered users and is subjected to additional terms and conditions.

DIMENSIONS

Cutout	92 mm
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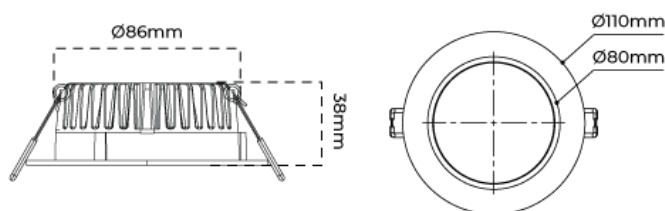
Product Diameter	110 mm
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Product Height	38 mm
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Product Width	110 mm
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LINE DRAWINGS

AT9012/FR



PHOTOMETRICS

AT9012/WH/FR/WW

AT9012/WH/FR/CW

12W LED Fire Rated Downlight With Dimmable

Driver

Features

- Ideal for residential, retail, showroom and decorative lighting applications
- Acoustic rating according to AS/NZS ISO 717.1:2004
- Fire rating according to AS1530.4:2014 (L/120/120)
- Supplied with a dimmable LED driver
- Long life and durability
- Suitable for 24 hour use



ORDERING INFORMATION

Order code	11426
Description	12W LED Fire rated Downlight w/Dimm Driver - 120o beam - Cool White -IP65
Driver Power	12 W
Driver Type	Dimmable (Phase cut)
Item Code	AT9012/WH/FR/CW

MECHANICAL

Adjustability	Fixed
Body Material	Aluminium
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	IP65 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	120 °
CCT Configuration	Single
CRI	>80
Lamp/LED Current	350 mA
LED Type	Diffused
Number of Lamps	1
System Efficiency	81 lm/W



LED LIFETIME

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LED Lifetime Rating	L70B10
TM-21 Test Hours	6000 hrs

COLOUR TEMPERATURE

CCT	4000 K
CCT Colour	Cool White
System Lumens	960 lm
All photometric data has a tolerance of ±10%.	

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

Ipart 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 AS 1530.4:2014
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WARRANTY

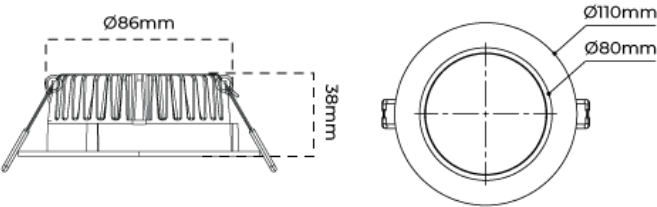
Commercial Use Warranty	3 RTB (Total 3 Years)
Domestic Use Warranty	3 (Yr) RTB
Operational Lifetime	30000 hrs
VIP Warranty	2 Onsite, 3 RTB (Total 5 Years)
VIP warranty is available to registered users and is subjected to additional terms and conditions.	

DIMENSIONS

Cutout	92 mm
Product Diameter	110 mm
Product Height	38 mm

LINE DRAWINGS

AT9012/FR



PHOTOMETRICS

AT9012/WH/FR/CW

