

AT5832

12W LED Polycarbonate bulkhead - IP65 with wall

washer option included.

- 12W LED Polycarbonate bulkhead - IP65 with wall washer option included.
- Wall washer option included
- Low glare polycarbonate opal diffuser
- Stylish Design
- Ideal for Residential, commercial, and decorative



ORDERING INFORMATION

Order code	10269
Description	12W LED Rectangle polycarbonate bulkhead - IP65 wall washer option - Black - Cool White
Driver Type	Fixed output
Item Code	AT5832/BLK

EFFICIENCIES

Total System Efficiency 80 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	Polycarbonate
Diffuser Material	Polycarbonate
Product Finish	Plastic
Fitting Colour	Black
IC Rating	Non-IC
Installation Type	Surface mount
IP Rating	IP65

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
Working Temp Range	-20 to 40 °C

LAMP

Macadam Steps (SDCM)	6-step MacAdam Ellipse
Beam Angle	120 °
CCT Configuration	Single
Colour Rendering Index (CRI)	>80
Lamp/LED Current	47 mA
Lamp/LED voltage	78 V
Number of Lamps	1

LED LIFETIME

LED Lifetime 30000 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

CCT	4000 K
CCT Colour	Cool White
LED Wattage	10.9 W
Luminaire Lumens	960 lm

All photometric data has a tolerance of $\pm 10\%$. Luminaire lumens refers to the exit lumens or delivered lumens from the luminaire.

DRIVER

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

COMPLIANCE

Standards	AS/NZS 60598.1 AS/NZS 60598.2.1 AS/NZS 61347.1 AS/NZS 61347.2.13 AS/NZS CISPR 15
------------------	--

WARRANTY

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

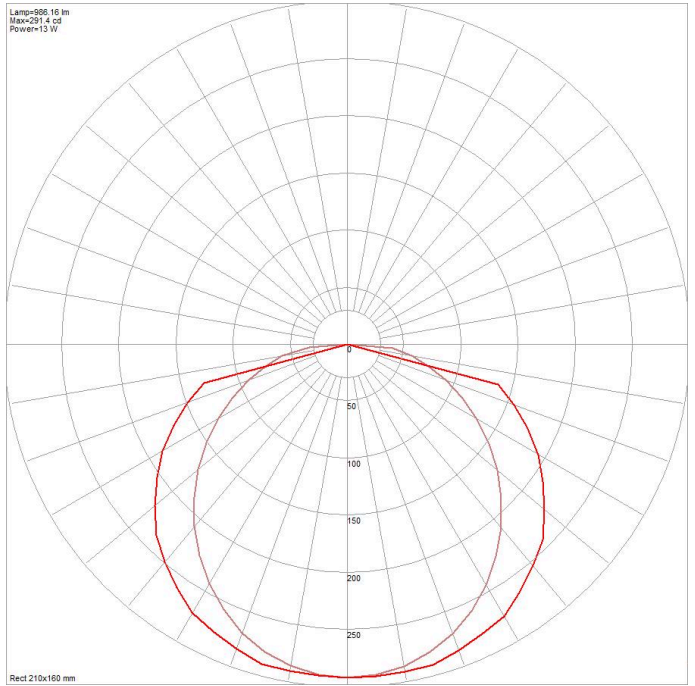
VIP warranty is available to registered users and is subjected to additional terms and conditions.

DIMENSIONS

Product Height	70 mm
Product Length	230 mm
Product Width	105 mm

PHOTOMETRICS

AT5832/CW



AT5832/CW/COVER

