# 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** | 10419 |
| **Description** | 12W LED Rectangle polycarbonate bulkhead - IP65 w/wall washer option - White - Cool White |
| **Driver Type** | Fixed output |
| **Item Code** | AT5832/WH |

## EFFICIENCIES

| | |
|---|---|
| **Total System Efficiency** | 82 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** | White |
| **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

| | |
|---|---|
| **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.


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## COLOUR TEMPERATURE

| | |
|---|---|
| **CCT** | 4000 K |
| **CCT Colour** | Cool White |
| **LED Wattage** | 10.9 W |
| **Luminaire Lumens** | 980 lm |

All photometric data has a tolerance of ±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<br>AS/NZS 60598.2.1<br>AS/NZS 61347.1<br>AS/NZS 61347.2.13<br>AS/NZS CISPR 15 |

## WARRANTY

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

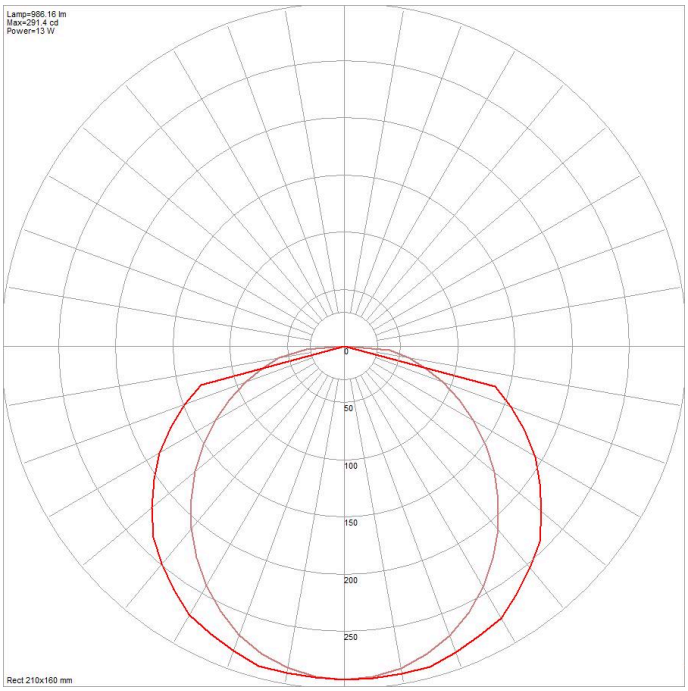
VIP warranty is available to registered users and is subjected to additional terms and conditions.

## DIMENSIONS

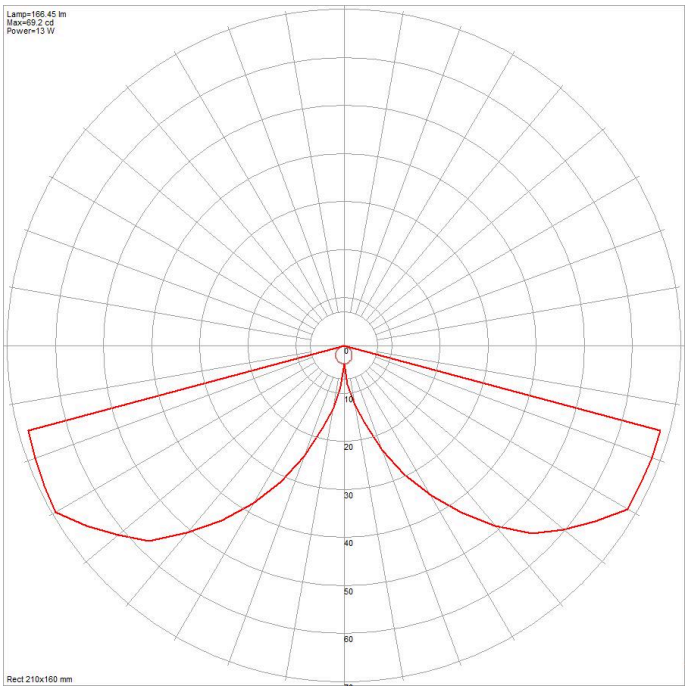
| | |
|---|---|
| **Product Height** | 70 mm |
| **Product Length** | 230 mm |
| **Product Width** | 105 mm |

## PHOTOMETRICS

**AT5832/CW**




**AT5832/CW/COVER**



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