



**Australian
Designed
for Performance**

ROADLED MIDI

CATEGORY V LED LUMINAIRE

The RoadLED Midi is a state-of-the-art road lighting luminaire that has been specifically designed in Australia for Australian/New Zealand major road lighting applications.

The luminaire has been specifically engineered to comply with Australian Standards (Category V) allowing it to replace traditional high wattage HID luminaires that are used to illuminate major vehicular roads throughout ANZ. Complies with ASNZS1158.

The standard powdercoat colour finish is RAL 9006. The control gear is integral 240V with long life ensured from the finned array at the rear of the unit which allows for excellent heat dissipation thus extending componentry life.

PERFORMANCE SUMMARY

- High performance Roadway luminaire
- Designed specifically to meet Australian/New Zealand road lighting standards, complying with AS/NZS CISPR15, SA/SNZ TS 1158.6 and AS/NZS 60598.1
- The optics and LED light source are optimised to provide maximum spacings for compliance with AS1158-1.1 Category V
- IP66 ingress protection (optical chamber)
- CRI > 70
- Colour Temp: 4000K (Standard)
- Design life of 20 years
- Side entry mount
- Limited warranty*
- Surge protection device (SPD) standard
- Aeroscreen (CO) and Standard (self-cleaning) visors available
- Smart City Ready



5° Tilt Adjustment Adapter for Spigots. Ensures that correct tilt can be achieved if the original pole outreach angle is incorrect. Factory fitted. Can in some instances be site fitted. See your Roadway & Infrastructure Sales Representative for advice.



ROADLED MIDI (cont.)

SPECIFICATIONS

Electrical Characteristics:

- Input Voltage: 240V – 50Hz
- Power Factor: 0.9
- System watts: 60W-165W
- Class I
- Surge Protection Device (SPD) standard

Optical Characteristics:

- CCT: Available in 4000K
- CRI: > 70
- 20 years design life
- One for one replacement for traditional HID source luminaires (depending on wattage)

Mechanical Characteristics:

- Pressure die cast aluminium body
- Weight: 8.7-9.2kg
- Acrylic Aero screen (CO) and Standard (self-cleaning) visor available
- Stainless steel fasteners, latches and clips
- Easy to replace visor
- 43mm to 48mm Spigot entry
- Hinged access cover with quick release clips
- RAL 9006 finish as standard
- IP66
- IK06
- 20 years design life

Control Characteristics:

- 1-10V Control
- NEMA 7
- Smart City ready

Environmental & Standards:

- Ambient Operation Temps: -10 to 40°C
- EMC compliant: AS/NZS CISPR15, AS/NZS 60598.1 & AS/NZS TS 1158.6: Luminaires - Performance

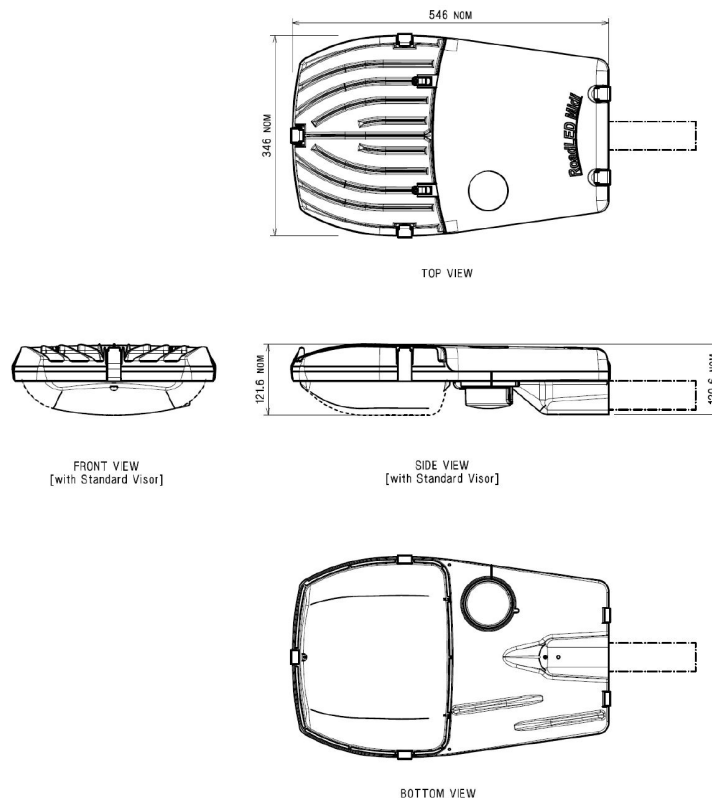
Options: (MOQ and additional leadtime applies)

- Push in terminal block
- Fused terminal block
- Class II version
- CCT 3000K optional
- Tamper proof Cockatoo Clip covers available as an accessory
- Light-spill louvre
- DALI

SMART CITY SOLUTIONS

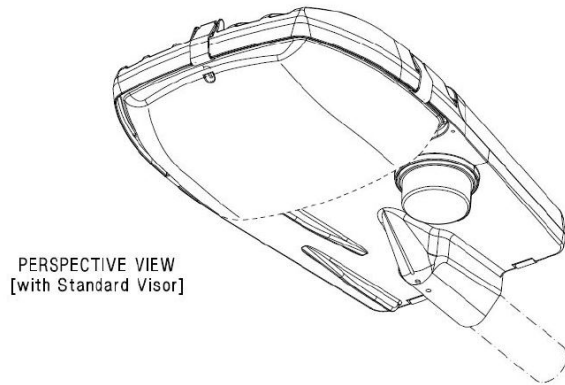
- LOWPAN6, ZIGBEE, LORAWAN, NB-IOT technologies
- Devices & sensors for smart city applications
- Customised platform integration

LINE DRAWINGS

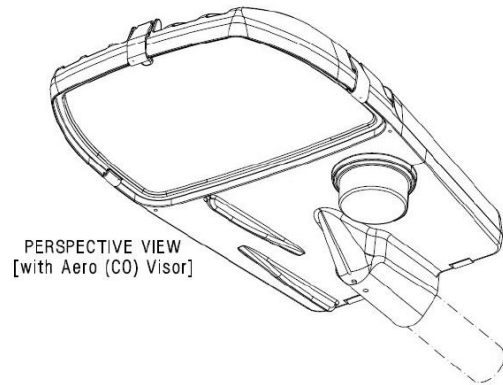




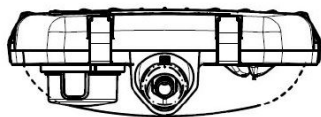
ROADLED MIDI (cont.)



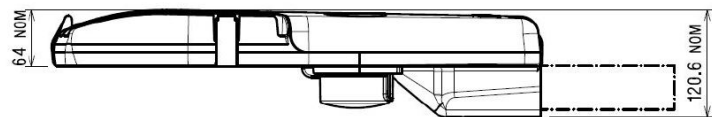
PERSPECTIVE VIEW
[with Standard Visor]



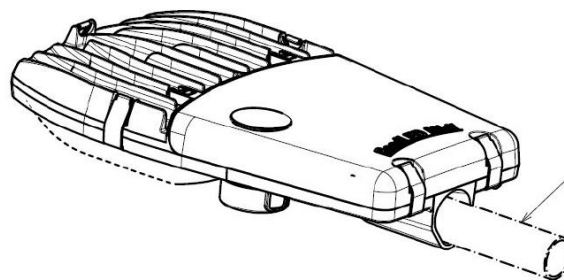
PERSPECTIVE VIEW
[with Aero (CO) Visor]



BACK VIEW
[with Standard Visor]



SIDE VIEW
[with Aero (CO) Visor]



SPIGOT SIZES: OD43 OR 32NB
OD48 OR 40NB

PHOTOMETRICS

Please contact your Roadway & Infrastructure Lighting representative for photometric information specific to your project.