

ALDRIDGE



VLED MKII

Lighting the Roads and Highways Worldwide



Aldridge Roadway Lighting Solutions

LED street lights improve energy efficiency and energy afford-ability for local government, improve road safety and support the Government's smart cities agenda.

Aldridge design and supply state of the art vehicle and pedestrian LED lighting for major arterial roads, tunnels, underpasses, major intersections, low-traffic urban roads, public space and car parks. Aldridge has the technology and experience required to obtain the best illumination results for safe night time motoring - in all road conditions. Together with energy cost savings which far exceed expectations, Aldridge provide a total lighting solution for the safety of motorists and pedestrians.

Aldridge have been involved with prominent roadway and pedestrian lighting projects in Australia and worldwide. Aldridge products and LED lighting systems use the latest technology, which can be customised to provide the most effective and efficient lighting schemes which comply with the requirements of Australian Standard AS/NZS1158 for both vehicle and pedestrian (V and P Categories). Our design service utilises cutting edge technology along with NATA photometric data in order to provide the best solutions to meet the most stringent industry requirements.

Our experienced delivery team design, audit, deliver, install and maintain in all facets of this exciting industry.

This comprehensive brochure will make it easy to identify your product options and to match Aldridge luminaires and lamp technology to your specific project.



Highways
Major Roads
Tunnels
Underpasses



'V-LED' – Gold Coast

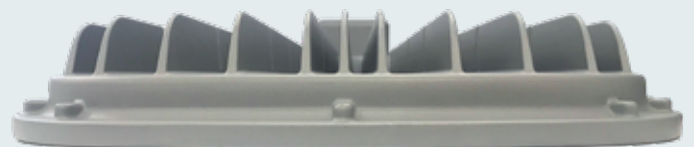


V-LED MKII

APPLICATIONS

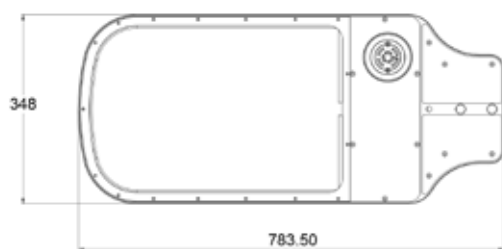
- Tunnels
- Underpasses
- Freeways
- Expressways
- Highways
- Motorways

The V-LED MKII is a High Performance, Energy Efficient, Tunnel and Underpass Lighting Luminaire.



'V-LED' Installation – Dalton Road, Thomastown VIC

Dimensions



Features

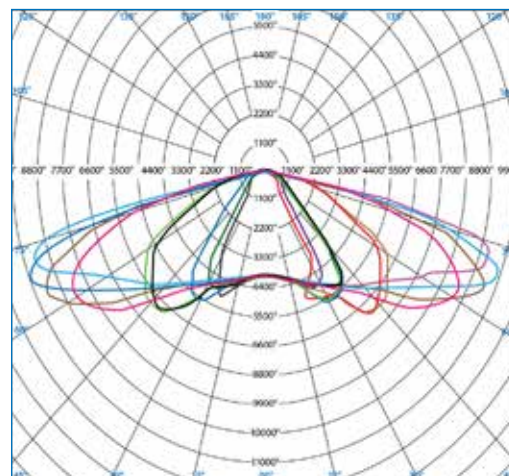
- Smart City Ready - TST compatibility Zigbee, LoRa, NBLoT
- High Performance roadway luminaire designed to meet stringent Australian/New Zealand road lighting standard, AS/NZS 60698.2.3 & AS/NZS TS 1158.6
- High Performance Optics designed to comply and meet Australian standards AS1158-1.1 Cat V
- Direct replacement of conventional V - category High Pressure Sodium and Metal Halide luminaires
- Semi-cutoff and Aero screen (std) diffuser
- Integrated thermal management
- Segregated termination chamber c/w quick access
- 20 year Design Life
- 10 year warranty

Options

- **Photocell:** 7-pin Nema receptacle (7PN)
- **Fuse Terminal Block:** (FTB)
- **Surge Protection Device:** (SPD - 10KVA, 20KVA)
- **Class II:** (DB - Double Insulated)
- **Colour:** Black (BL), White (WH) Grey (GR - Standard)
- **CCT:** 3000K, 4000K (Standard), 5000K
- **Visor:** Glare shield/spill light kit (GV)
- **Remote Gear:** (GV)
- **5° Tilt Adjustment Adapter:** (5TA)

Technical Data

- **Body:** High Pressure Marine Grade Die Cast Aluminum
- **Optics:** Type 2 - 3 - 5 - FT (Forward Throw)
- **LED:** CREE
- **Wattage:** 75 - 85 - 175 - 265 - 290 Watts
- **Finishing:** Powder Coat (Grey Standard)
- **Mounting:** 9 - 15 Metres
- **Fixing:** Side Spigot Mount (32 - 40mm OD)
- **IP rating:** IP66
- **IK rating:** IK06
- **Voltage:** 220V - 240V 50/60Hz
- **Power Factor:** >0.9



Specification V-LED MKII

| PRODUCT CODE | V75WT5N7P | V85WT5N7P | V175WT5N7P | V265WT5N7P | V290WT5FTN7PBP |
|-------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Power (watts) | 75 | 85 | 175 | 265 | 290 |
| Input Voltage (V) | 220V - 240V 50/60Hz | 220V - 240V 50/60Hz | 220V - 240V 50/60Hz | 220V - 240V 50/60Hz | 220V - 240V 50/60Hz |
| CCT (K) | 4000 | 4000 | 4000 | 4000 | 4000 |
| CRI | Ra>80 | Ra>80 | Ra>80 | Ra>80 | Ra>80 |
| IP Protection | IP66 | IP66 | IP66 | IP66 | IP66 |
| IK Protection | IK06 | IK06 | IK06 | IK06 | IK06 |
| Weight (Kg) Remote Gear: Less 1.8Kg | <12kg | <12kg | <13kg | <14kg | <14kg |

Residential Roads

PLED II



BERLIN



BOSTON SE



BOSTON TE



Highways and Major Roads

V-LED MID



V-LED MKII



H-LED



E-LED



Residential Roads

COMO C



COMO P



COMO S



COMO T



FLAT S



FLAT M



FLAT L



Tunnels and Underpasses

T-LED



V-LED MID



V-LED MKII



FLUD S



FLUD M



FLUD L



S-LED





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