

# ALDRIDGE

## T-LED



### LED Lighting for Tunnels and Underpasses





# T-LED

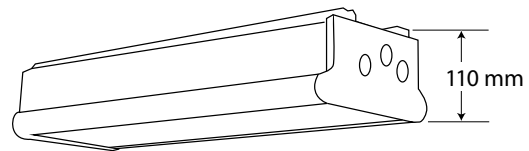
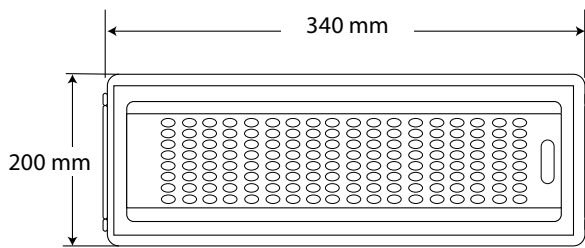
**The Aldridge T-LED is a High Performance, Energy Efficient, Tunnel and Underpass Lighting Luminaire.**

Consistent lighting and great visibility are essential for safety in tunnels and underpasses. In order to prevent accidents, especially when vehicles are entering and exiting the tunnel, the lighting conditions need to be adjusted sensitively to allow the driver to adapt to the change in lighting conditions. Traffic volume and emergency situations that could occur have an impact on the correct lighting level.

Using the correct lighting makes it possible for the drivers' eyes to adjust to the new lighting conditions rapidly, when entering and exiting a tunnel, which helps to prevent accidents. The Aldridge T-LED optimizes the luminance in tunnels and underpasses to ensure driver safety and maximise energy efficiency.



## Dimensions



## Features

- Designed to meet stringent Australian Standards
- Suitable for Tunnel and Underpass applications
- Self cleaning housing and PMMA/Glass optical diffuser
- High Performance LED and Optics to meet AS/NZ standards
- Integrated thermal management
- Segregated termination chamber
- Removable Driver and LED module
- Complies with AS/NZ standards
- 10 year warranty

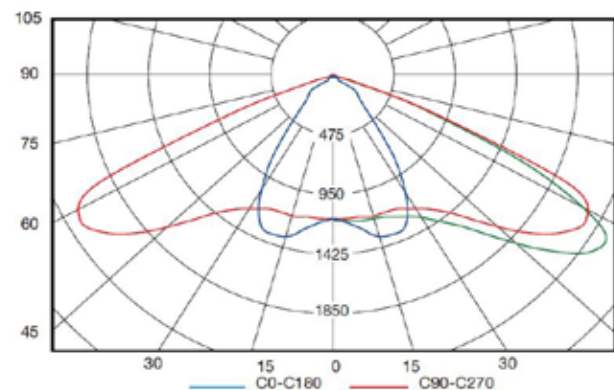
## Options

- **Fuse Terminal Block:** (FTB)
- **Surge Protection Device:** (SPD - 10Kva, 20Kva)
- **Class II** (DB - Double Insulated)
- **Colour:** Black (BL Standard), White (WH), Grey (GR)
- **CCT:** 3000K, 4000K (Standard), 5000k
- **Controller:** RS485 compatible lamp driver: (SCU02)
- **TST compatible:** (LCU12R)

## Technical Data

- **Body:** Extruded and Die cast Aluminum (marine grade)
- **Optics:** Distribution T2 - T3 - T5
- **LED:** 48 - 96 - 192 - 240 - 288
- **Wattage:** 38 - 75 - 145 - 185 - 220 Watts
- **Finishing:** Powder Coat (Grey Standard)
- **Mounting:** 4 - 12 Metres
- **Fixing:** Universal Stirrup
- **IP rating:** IP66
- **IK rating:** IK06
- **Voltage:** 240V 50/60Hz
- **Power Factor:** >0.9

## Photometric Design Data



## Specification T-LED

PRODUCT CODE	TLED.38W	TLED.75W	TLED.145W	TLED.185W	TLED.220W
Power Watts	38	75	145	185	220
System Wattage	40	80	160	200	240
Input Voltage (V)	240V 50/60Hz	240V 50/60Hz	240V 50/60Hz	240V 50/60Hz	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)	5kg	6kg	9kg	11kg	12kg

# ALDRIDGE

## Aldridge Traffic Systems Pty Ltd

Unit 38, 38-46 South Street  
Rydalmere NSW 2116  
[www.trafficltd.com.au](http://www.trafficltd.com.au)

Before and After Installation - Hobart Tasmania

### NSW

P: +61 2 9736 3677  
F: +61 2 9736 3391  
e: [info@trafficltd.com.au](mailto:info@trafficltd.com.au)

### NT

P: +61 8 8947 0733  
F: +61 8 8947 0713  
e: [info@trafficltd.com.au](mailto:info@trafficltd.com.au)

### QLD

P: +61 7 3184 2000  
F: +61 7 3266 2244  
e: [info@trafficltd.com.au](mailto:info@trafficltd.com.au)

### VIC

P: +61 3 9430 0222  
F: +61 3 9430 0244  
e: [info@trafficltd.com.au](mailto:info@trafficltd.com.au)

### ACT

P: +61 2 6299 7922  
F: +61 2 6299 7977  
e: [info@trafficltd.com.au](mailto:info@trafficltd.com.au)

### TAS

P: +61 3 6273 1177  
F: +61 3 6273 1759  
e: [info@trafficltd.com.au](mailto:info@trafficltd.com.au)

### SA

P: +61 8 8362 2385  
e: [info@trafficltd.com.au](mailto:info@trafficltd.com.au)

### WA

P: +61 8 9248 1002  
F: +61 8 9209 2288  
e: [info@trafficltd.com.au](mailto:info@trafficltd.com.au)

### UNITED KINGDOM

P: +44 (0) 1159 223 797  
F: +44 (0) 1159 223 836  
e: [info@aldridgetraffic.co.uk](mailto:info@aldridgetraffic.co.uk)



Accreditation No.  
10378

