

# ALDRIDGE



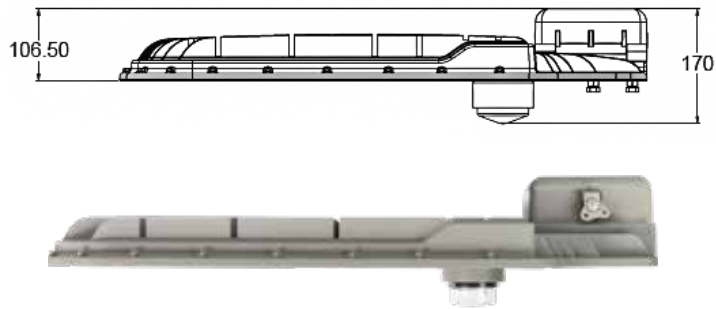
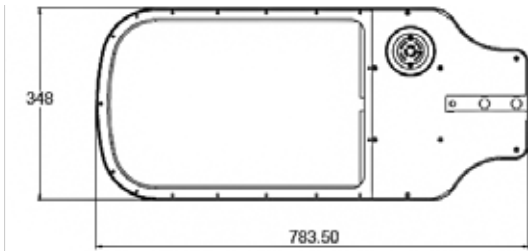
## V-LED MKIII - FT



LED Lighting for Major Roads and Tunnels



## 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
- Aero screen (std) diffuser
- Integrated thermal management
- Supports DALI-2 connection and complies with D4i
- Segregated termination chamber c/w quick access
- 20 year Design Life
- 10 year warranty

## Technical Data

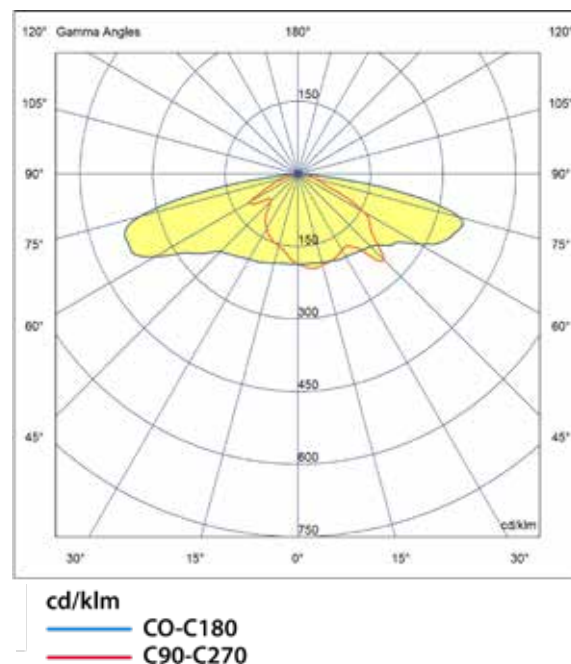
- Body:** High Pressure Marine Grade Die Cast Aluminum
- Optics:** Type 5 - FT (Forward Throw)
- LED:** CREE
- Wattage:** 75 - 147 - 170 - 290 Watts
- Finishing:** Powder Coat (Grey Standard)
- Mounting:** 9 - 15 Metres
- Fixing:** Side Spigot Mount (32-40mm NB) (49mm OD)
- IP rating:** IP65
- IK rating:** IK06
- Voltage:** 220V - 240V 50/60Hz
- Power Factor:** >0.9

## Options

- Photocell:** 7-pin Nema receptacle (7PN)
- Zhaga** (Optional)
- 3 in 1 Dimming without DALI-2** (Optional)
- Fuse Terminal Block:** (FTB)
- Surge Protection Device:** (SPD - 10KVA, 20KVA)
- Class II:** (DB - Double Insulated)
- Colour:** Black (BL), Grey (GR - Standard)
- CCT:** 3000K, **4000K (Standard)**, 5000K
- Visor:** Glare shield/spill light kit (GV)
- Remote Gear:** (GV)
- 5° Tilt Adjustment Adapter:** (5TA)



## Photometric Design Data



## Specification V-LED MKIII – FT

| PRODUCT CODE                        | V75WT5FT            | V147WT5FT           | V170WT5FT           | V290WT5FT           |
|-------------------------------------|---------------------|---------------------|---------------------|---------------------|
| Photometric Distribution            | T5FT                | T5FT                | T5FT                | T5FT                |
| Power Watts                         | 75                  | 147                 | 170                 | 290                 |
| Input Voltage (V)                   | 220V - 240V 50/60Hz | 220V - 240V 50/60Hz | 220V - 240V 50/60Hz | 220V - 240V 50/60Hz |
| CCT (K)                             | 4000                | 4000                | 4000                | 4000                |
| CRI                                 | Ra>70               | Ra>70               | Ra>70               | Ra>70               |
| IP Protection                       | IP65                | IP65                | IP65                | IP65                |
| IK Protection                       | IK06                | IK06                | IK06                | IK06                |
| Weight (Kg) Remote Gear: Less 1.8Kg | <12kg               | <12kg               | <12kg               | <12kg               |