

# ALDRIDGE

## BOSTON V



Traditional shape lanterns for older suburban streets, urban areas and streetscapes

The lantern reflector design eliminates unwanted upward light, providing higher lumination at ground level

### APPLICATIONS

- 'V' Cat. Roads
- Intersections
- Large Carparks
- Pedestrian Malls

## 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

## Technical Data

- Body:** High Pressure Marine Grade Die Cast Aluminum
- Optics:** Type 2 - 3 - 5 (Standard)
- LED:** CREE
- Wattage:** 75 - 155 - 175 Watts
- Finishing:** Powder Coat (Grey Standard)
- Mounting:** 12 Metres
- Fixing:** A = Top Entry TE (45mm OD)  
B = Pole Spigot (76mm OD)
- IP rating:** IP66
- IK rating:** IK06
- Voltage:** 220V - 240V 50/60Hz
- Power Factor:** >0.9

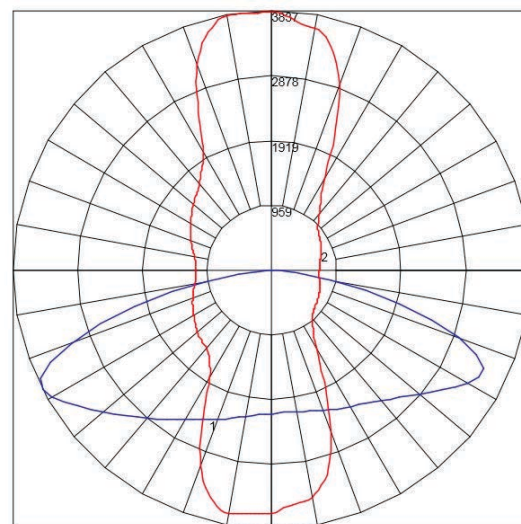
## Options

- 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)



## Photometric Design Data

IES ROAD REPORT  
PHOTOMETRIC FILENAME : LSPT-210123.IES  
POLAR GRAPH



Maximum Candela = 3837.46 Located At Horizontal Angle = 99, Vertical Angle = 62.5  
# 1 - Vertical Plane Through Horizontal Angles (99 - 279) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (62.5) (Through Max. Cd.)

## Specification BOSTON V

| PRODUCT CODE                        | BV75WT              | BV155WT             | BV175WT             |
|-------------------------------------|---------------------|---------------------|---------------------|
| Power (watts)                       | 75                  | 155                 | 175                 |
| Input Voltage (V)                   | 220V - 240V 50/60Hz | 220V - 240V 50/60Hz | 220V - 240V 50/60Hz |
| CCT (K)                             | 4000                | 4000                | 4000                |
| CRI                                 | Ra>80               | Ra>80               | Ra>80               |
| IP Protection                       | IP66                | IP66                | IP66                |
| IK Protection                       | IK06                | IK06                | IK06                |
| Weight (Kg) Remote Gear: Less 1.8Kg | <9kg                | <9kg                | <13kg               |

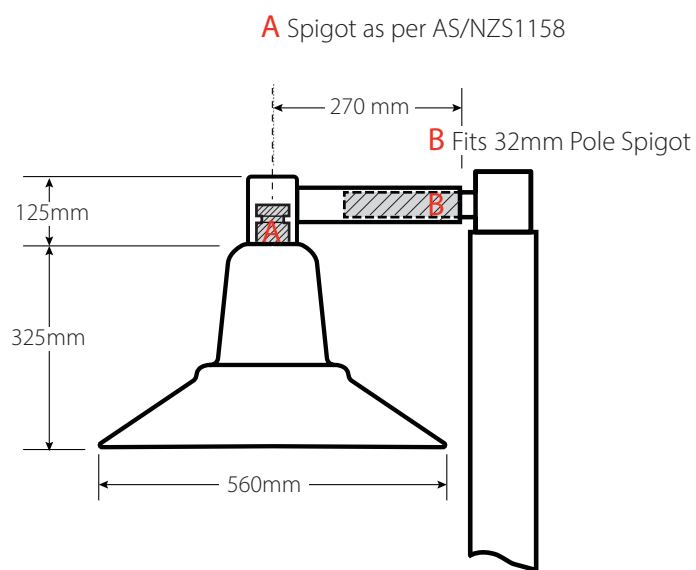
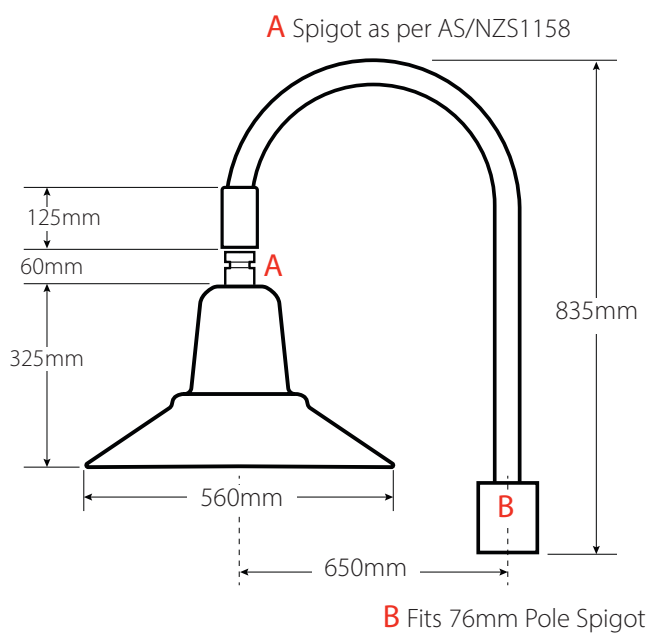
Top Entry



Side Entry



Dimensions



From the Brand You Know and Trust for Over 40 Years

# ALDRIDGE

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