

ALDRIDGE



Road, Street, Tunnel Lighting

Lighting the Roads and Highways Worldwide



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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.



Residential Roads



P-LED

Como

Boston

Flat

Berlin

'P-LED' Installation, Doncaster, VIC



APPLICATIONS

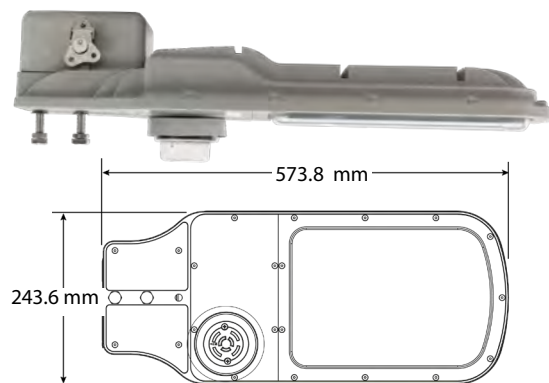
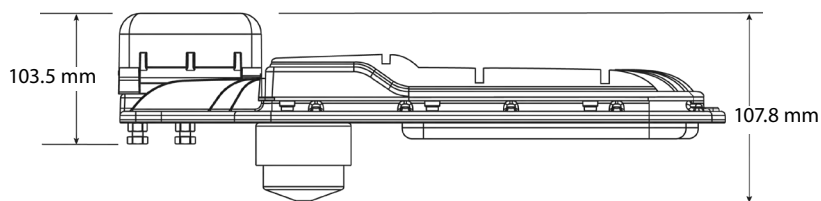
- 'P' Category Roadways
- Suburban Roads
- Walkways
- Parks
- Including 'P4' & 'P5'
- Driveways
- Car Parks
- Security Lighting

P-LED II

Embraces both high performance and functionality in design. An energy efficient road lighting luminaire. Designed with an advanced LED Optical System, that sets new standards for 'P' Category Roadway Lighting. Designed in Australia specifically for the Australian and New Zealand Roadway market



Dimensions



P-LED II

Features



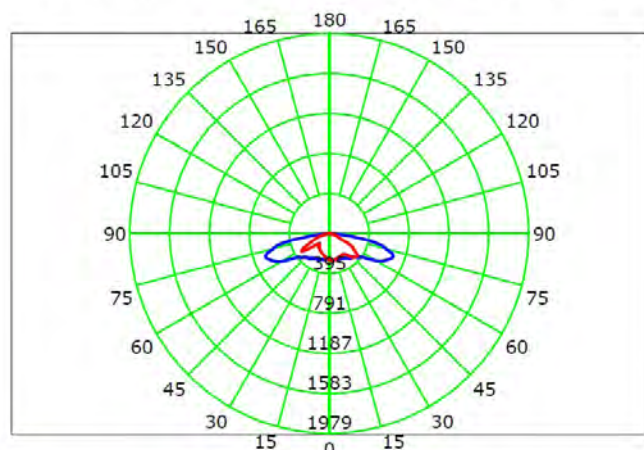
- SmartCity Ready - TST compatibility Zigbee, LoRa, NBloT
- High Performance Street Lighting luminaire designed to meet stringent Australian/New Zealand standards
- High Performance Optics designed to comply and meet Australian standards AS 1158.3.1 Cat. P
- Direct replacement of conventional P-category Mercury Vapour, Metal Halide, High Pressure Sodium and Fluorescent luminaires
- Integrated thermal management
- Segregated termination chamber c/w quick access latch
- Self cleaning housing and PMMA optical diffuser
- Semi-cutoff (SD - Std) and Aero screen diffusers (AE)
- 20 year design life
- 10 year warranty

Options

- Fuse Terminal Block:** (FTB)
- Surge Protection Device:** (SPD20KVA)
- Class II:** (DB - Double Insulated)
- Colour:** Grey (GR Standard), Black (BL), White (WH),
- CCT:** 3000K, 4000K (Standard), 5000K
- Visor:** Glareshield/spill light kit (GV)

Photometric Design Data

Luminous Intensity Distribution Curve



— C0-C180 — C90-C270

Unit: cd

Technical Data

- Body:** High Pressure Marine Grade Die Cast Aluminum
- Optics:** P4 & P5 Distribution
- LED:** CREE
- Wattage:** 12 - 14 - 20 - 27 - 57 Watts
- Finishing:** Powder Coat Grey (Grey Standard)
- Mounting:** 4 - 9 Metres
- Fixing:** Side Spigot Mount (27-35mm OD)
- IP rating:** IP66
- IK rating:** IK06
- Voltage:** 220V - 240V 50/60Hz
- Power Factor:** >0.9
- Nema:** Nema 7 receptacle (std)
- Surge Protection Device (SPD) :** 10KVa Standard

Specification P-LED II

PRODUCT CODE	PLED.II.12W	PLED.II.14W	PLED.II.20W	PLED.II.30W	PLED.II.60W
Wattage (Watts)	12	14	20	27	57
System Watts	14	17	23	30	60
Input Voltage	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)-max.	<5kg	<5kg	5kg	6.8kg	7.4kg

An aerial photograph of a modern urban street scene. In the foreground, a black, low-profile street light fixture is mounted on a pole, angled towards the viewer. The street below is paved with reddish-brown bricks and features a curved path. Several cars are parked along the street, and a few pedestrians are visible. The background includes modern buildings, lush greenery, and a large palm tree. The overall scene is bright and clear, suggesting a sunny day.

COMO Series

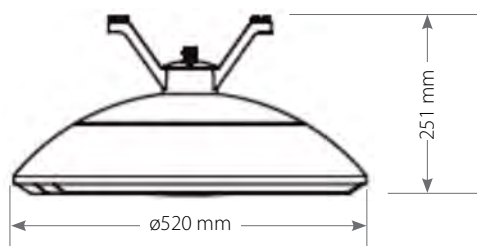
The COMO is an Energy Efficient, low profile, street and area lighting system.

A versatile range in four wattages and four mounting configurations, catenary, post top, side spigot and top spigot mount, to suit today's ever changing landscape and to withstand the test of time.

APPLICATIONS

- 'P' Category Roadways
- Suburban Roads
- Walkways
- Parks
- Including 'P4' & 'P5'
- Driveways
- Car Parks
- Security Lighting

Dimensions



Features

- Designed to meet stringent Australian Standards
- Self cleaning housing and optical diffuser
- High Performance LED & Optics to meet AS/NZ1158
- Integrated thermal management
- Segregated termination point
- Hinged 'quick access latch'
- Complies with AS/NZ 1158.6 & AS/NZ 1158.1
- 10 year warranty

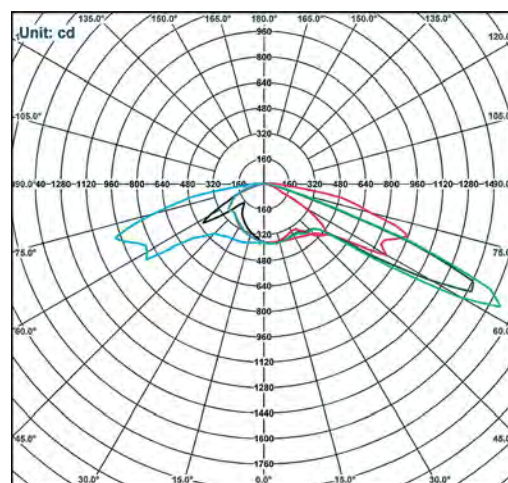
Options

- **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:** Glareshield/spill light kit (GV)

Technical Data

- **Body:** High Pressure Marine Grade Die Cast Aluminum
- **Optics:** Type 3 Distribution
- **LED #:** CREE 24 - 48
- **Wattage:** 12 - 14 - 20 - 27 - 57 Watts
- **Finishing:** Powder Coat Grey (GR-Standard)
- **Mounting:** 4 - 9 Metres
- **Fixing:** Catenary Wire or Surface Mount
- **IP rating:** IP66
- **IK rating:** IK10
- **Voltage:** 240V 50/60Hz
- **Power Factor:** >0.9

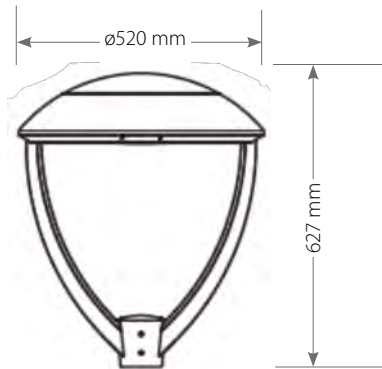
Photometric Design Data



Specification COMO-C

PRODUCT CODE	CM.C.12W	CM.C.14W	CM.C.20W	CM.C.27W	CM.C.57W
Wattage (watts)	12	14	20	27	57
System Wattage (watts)	14	17	23	30	60
Input Voltage (V)	240	240	240	240	240
Current Drive (mA)	215	215	280	360	425
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	IK10	IK10	IK10	IK10	IK10
Weight (Kg) - max.	12	12	12	12	12

Dimensions



Features

- Designed to meet stringent Australian Standards
- Self cleaning housing and optical diffuser
- High Performance LED and Optics to meet AS/NZ1158
- Integrated thermal management
- Segregated termination point
- Hinged 'quick access latch'
- Complies with AS/NZ 1158.6 & AS/NZ 1158.1
- 10 year warranty

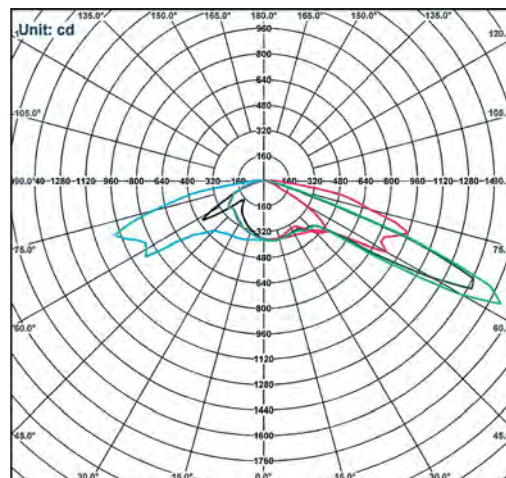
Options

- **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:** Glareshield/spill light kit (GV)

Technical Data

- **Body:** High Pressure Marine Grade Die Cast Aluminum
- **Optics:** Type 3 Distribution
- **LED #:** CREE 24 - 48
- **Wattage:** 12 - 14 - 20 - 27 - 57 Watts
- **Finishing:** Powder Coat Grey (GR-Standard)
- **Mounting:** 4 - 9 Metres
- **Fixing:** Top Post Mount
- **IP rating:** IP66
- **IK rating:** IK10
- **Voltage:** 240V 50/60Hz
- **Power Factor:** >0.9

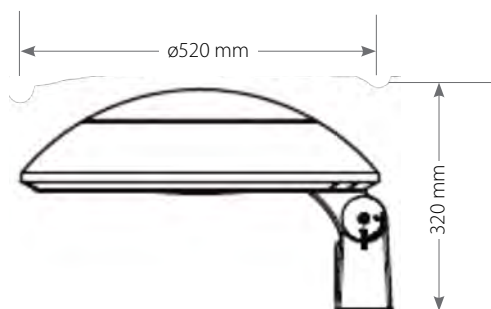
Photometric Design Data



Specification COMO-P

PRODUCT CODE	CM.P.12W	CM.P.14W	CM.P.20W	CM.P.27W	CM.P.57W
Wattage (watts)	12	14	20	27	57
System Wattage (watts)	14	17	23	30	60
Input Voltage (V)	240	240	240	240	240
Current Drive (mA)	215	215	280	360	425
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	IK10	IK10	IK10	IK10	IK10
Weight (Kg) - max.	12	12	12	12	12

Dimensions



Features

- Designed to meet stringent Australian Standards
- Self cleaning housing and optical diffuser
- High Performance LED and Optics to meet AS/NZ1158
- Integrated thermal management
- Segregated termination point
- Hinged 'quick access latch'
- Complies with AS/NZ 1158.6 & AS/NZ 1158.1
- 10 year warranty

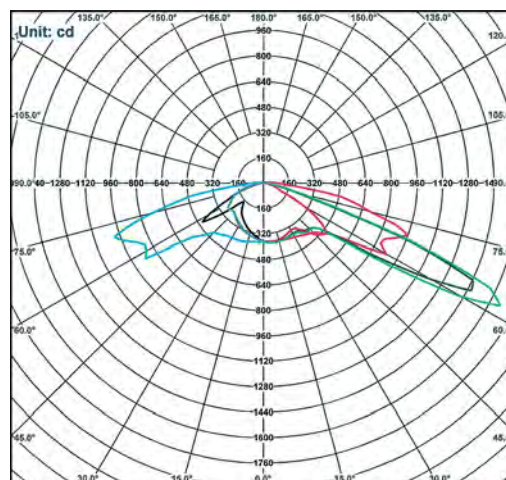
Options

- **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:** Glareshield/spill light kit (GV)

Technical Data

- **Body:** High Pressure Marine Grade Die Cast Aluminum
- **Optics:** Type 3 Distribution
- **LED #:** CREE 24 - 48
- **Wattage:** 12 - 14 - 20 - 27 - 57 Watts
- **Finishing:** Powder Coat Grey (GR-Standard)
- **Mounting:** 4 - 9 Metres
- **Fixing:** Top Post Mount
- **IP rating:** IP66
- **IK rating:** IK10
- **Voltage:** 240V 50/60Hz
- **Power Factor:** >0.9

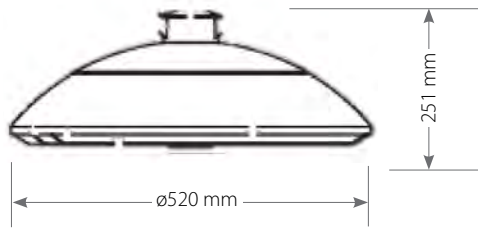
Photometric Design Data



Specification COMO-S

PRODUCT CODE	CM.S.12W	CM.S.14W	CM.S.20W	CM.S.27W	CM.S.57W
Wattage (watts)	12	14	20	27	57
System Wattage (watts)	14	17	23	30	60
Input Voltage (V)	240	240	240	240	240
Current Drive (mA)	215	215	280	360	425
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	IK10	IK10	IK10	IK10	IK10
Weight (Kg) - max.	12	12	12	12	12

Dimensions



Features

- Designed to meet stringent Australian Standards
- Self cleaning housing and optical diffuser
- High Performance LED & Optics to meet AS/NZ1158
- Integrated thermal management
- Segregated termination point
- Hinged 'quick access latch'
- Complies with AS/NZ 1158.6 & AS/NZ 1158.1
- 10 year warranty

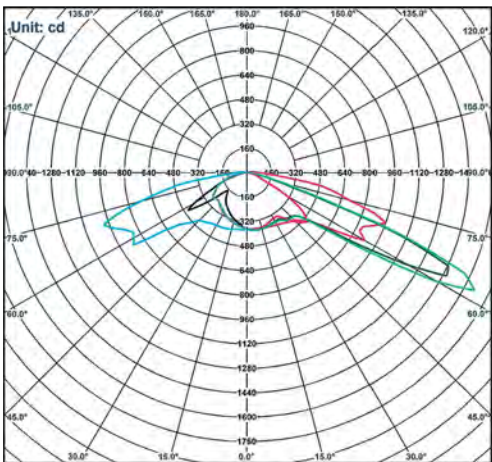
Options

- **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:** Glareshield/spill light kit (GV)

Technical Data

- **Body:** High Pressure Marine Grade Die Cast Aluminum
- **Optics:** Type 3 Distribution
- **LED #:** CREE 24 - 48
- **Wattage:** 12 - 14 - 20 - 27 - 57 Watts
- **Finishing:** Powder Coat Grey (GR-Standard)
- **Mounting:** 4 - 9 Metres
- **Fixing:** Catenary Wire or Surface Mount
- **IP rating:** IP66
- **IK rating:** IK10
- **Voltage:** 240V 50/60Hz
- **Power Factor:** >0.9

Photometric Design Data



Specification COMO-T

PRODUCT CODE	CM.T.12W	CM.T.14W	CM.T.20W	CM.T.27W	CM.T.57W
Wattage (watts)	12	14	20	27	57
System Wattage (watts)	14	17	23	30	60
Input Voltage (V)	240	240	240	240	240
Current Drive (mA)	215	215	280	360	425
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	IK10	IK10	IK10	IK10	IK10
Weight (Kg) - max.	12	12	12	12	12



'Como' Installation Henry Codd Reserve – Parkside SA

APPLICATIONS

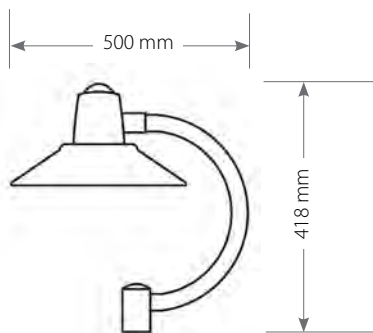
- Suburban Roads
- Driveways
- School Grounds
- Pathways
- Shopping Malls
- Parklands

BOSTON SE & TE

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

Dimensions



Features

- Designed to meet stringent Australian Standards
- Self cleaning housing and PMMA optical diffuser
- High Performance LED and Optics to meet AS/NZ1158
- Integrated thermal management
- Hinged 'quick access latch'
- Complies with AS/NZ 1158.6 & AS/NZ 1158.1
- 10 year warranty

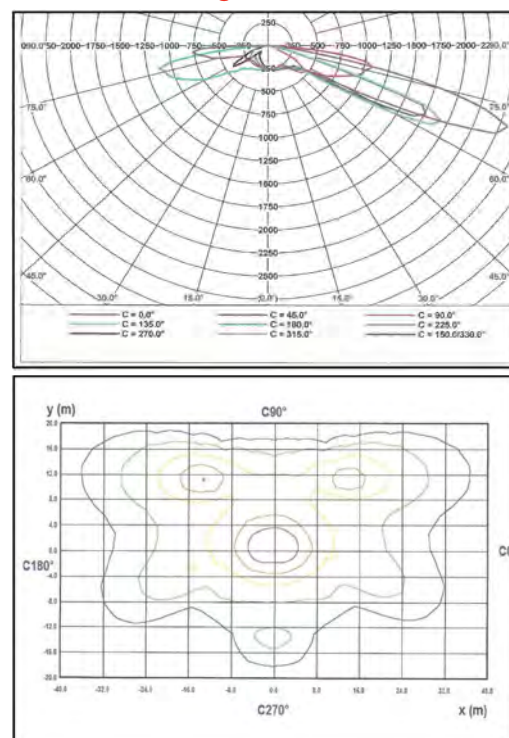
Options

- **Photocell:** 7-pin Nema receptacle (7PN)
- **Fuse Terminal Block:** (FTB)
- **Surge Protection Device:** (SPD - 10KVA, 20KVA)
- **Class II:** (DB - Double Insulated)
- **Colour:** Green (GR), White (WH), Black (BK-Standard)
- **CCT:** 3000K, 4000K (Standard), 5000K
- **Visor:** Glareshield/spill light kit (GV)

Technical Data

- **Body:** High Pressure Marine Grade Die Cast Aluminum
- **Optics:** P4 & P5 Distribution
- **LED #:** 24
- **Wattage:** 12 - 14 - 20 - 27 - 57 Watts
- **Finishing:** Powder Coat Black (Black Standard)
- **Mounting:** 4 - 9 Metres
- **Fixing:** Side Spigot Mount (76mm OD)
- **IP rating:** IP66
- **IK rating:** IK10
- **Voltage:** 220 - 240V 50/60Hz
- **Power Factor:** >0.9

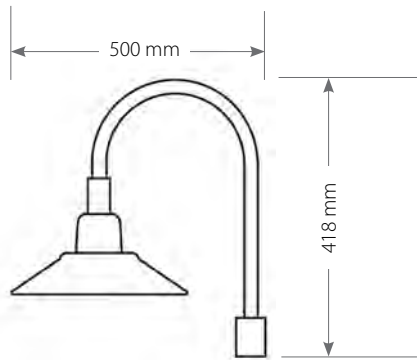
Photometric Design Data



Specification BOSTON-SE

PRODUCT CODE	BOS2.SE.512	BOS2.SE.514	BOS2.SE.520	BOS2.SE.527	BOS2.SE.557
Wattage (Watts)	12	14	20	27	57
System Watts	14	17	23	30	60
Input Voltage	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)-max.	15kg	15kg	15kg	15kg	15kg

Dimensions



Features



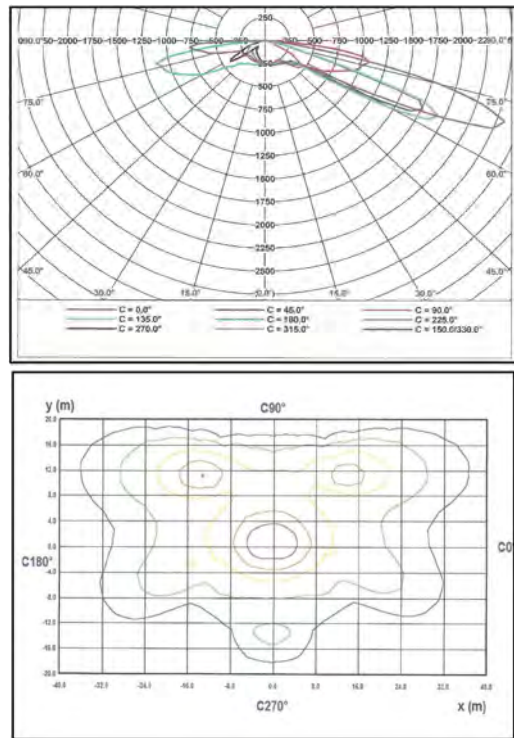
- Designed to meet stringent Australian Standards
- Self cleaning housing and PMMA optical diffuser
- High Performance LED & Optics to meet AS/NZ1158
- Integrated thermal management
- Hinged 'quick access latch'
- Complies with AS/NZ 1158.6 & AS/NZ 1158.1
- 10 year warranty

Options

- **Photocell:** 7-pin Nema receptacle (7PN)
- **Fuse Terminal Block:** (FTB)
- **Surge Protection Device:** (SPD - 10KVA, 20KVA)
- **Class II:** (DB - Double Insulated)
- **Colour:** Green (GR), White (WH), Black (BL-Standard)
- **CCT:** 3000K, 4000K (Standard), 5000K
- **Visor:** Glareshield/spill light kit (GV)

Technical Data

- **Body:** High Pressure Die Cast Aluminum
- **Optics:** P4 & P5 Distribution
- **LED #:** 24
- **Wattage:** 12 - 14 - 20 - 27 - 57 Watts
- **Finishing:** Powder Coat Black (Black Standard)
- **Mounting:** 4 - 9 Metres
- **Fixing:** Top Spigot Mount (76mm OD)
- **IP rating:** IP65 - IP44
- **IK rating:** IK10
- **Voltage:** 240V 50/60Hz
- **Power Factor:** >0.9



Specification BOSTON-TE

PRODUCT CODE	BOS2.TE.512	BOS2.TE.514	BOS2.TE.520	BOS2.TE.527	BOS2.TE.557
Wattage (Watts)	12	14	20	27	57
System Watts	14	17	23	30	60
Input Voltage	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)-max.	15kg	15kg	15kg	15kg	15kg



'Boston' Installation Hobart



APPLICATIONS

- 'P' Category Roadways
- Suburban Roads
- Walkways
- Parks
- Including 'P4' & 'P5'
- Driveways
- Car Parks
- Security Lighting

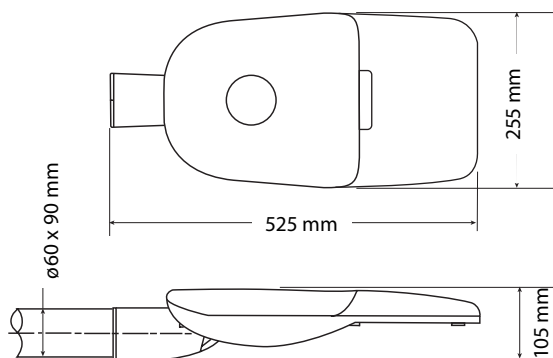
FLAT Series

Aesthetically low profile street and area lighting system.

A versatile range, available in three sizes, small, medium and large to suit today's ever changing landscape and withstand the test of time in hardware, optics, environment and performance



Dimensions



Features

- Designed to meet stringent Australian Standards
- Self cleaning housing and optical diffuser
- High Performance LED & Optics to meet AS/NZ1158
- Integrated thermal management
- Segregated termination point
- Hinged 'quick access latch'
- Complies with AS/NZ 1158.6 & AS/NZ 1158.1
- 10 year warranty

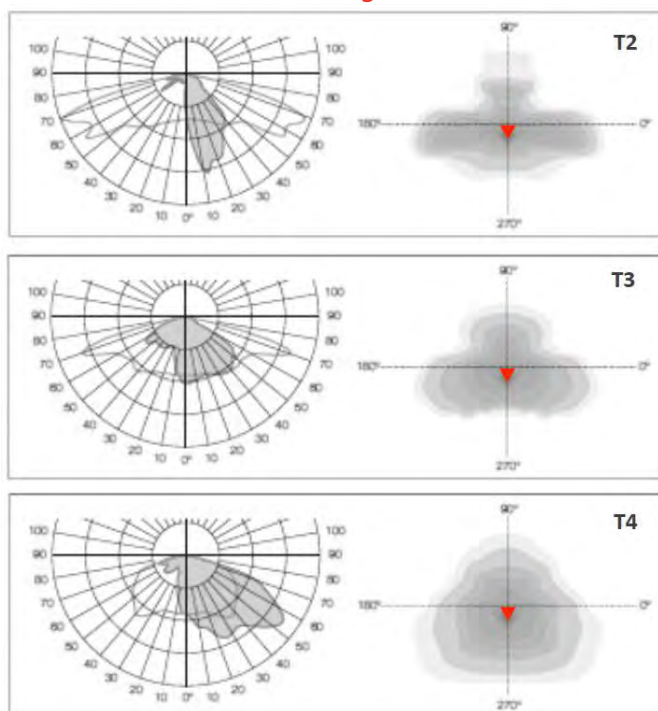
Options

- **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:** Glareshield/spill light kit (GV)

Technical Data

- **Body:** High Pressure Marine Grade Die Cast Aluminum
- **Optics:** Type 2, 3 and 4 Distributions
- **LED #:** CREE: 16 - 24 - 24
- **Wattage:** 30 - 40 - 60 Watts
- **Finishing:** Powder Coat (Grey Standard)
- **Mounting:** 4 - 6 Metres
- **Fixing:** Top or Side Mount (60mm OD)
- **IP rating:** IP66
- **IK rating:** IK08
- **Voltage:** 240V 50/60Hz
- **Power Factor:** >0.9

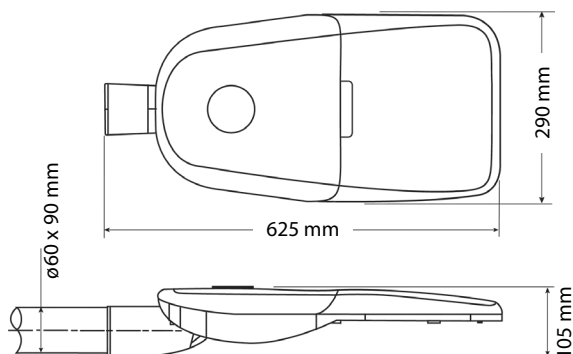
Photometric Design Data



Specification FLAT-S

PRODUCT CODE	FL.S.30W	FL.S.40W	FL.S.60W
Photometric Distribution	T2 - T3 - T4	T2 - T3 - T4	T2 - T3 - T4
System Wattage (watts)	30	40	60
Input Voltage (V)	240	240	240
Current Drive (mA)	647	575	862
CCT (K)	4000	4000	4000
CRI	Ra>70	Ra>70	Ra>70
IP Protection	IP66	IP66	IP66
IK Protection	IK08	IK08	IK08
Weight (Kg) - max.	6.1	6.2	6.2

Dimensions



Features

- Designed to meet stringent Australian Standards
- Self cleaning housing and optical diffuser
- High Performance LED & Optics to meet AS/NZ1158
- Integrated thermal management
- Segregated termination point
- Hinged 'quick access latch'
- Complies with AS/NZ 1158.6 & AS/NZ 1158.1
- 10 year warranty

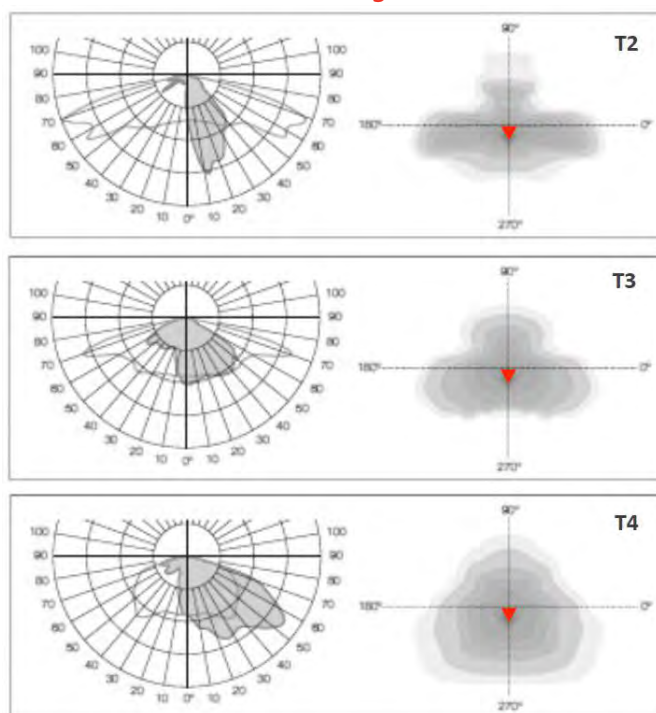
Technical Data

- **Body:** High Pressure Marine Grade Die Cast Aluminum
- **Optics:** Type 2, 3 and 4 Distributions
- **LED #:** CREE: 24 - 32 - 48
- **Wattage:** 60 - 80 - 100 Watts
- **Finishing:** Powder Coat (Grey Standard)
- **Mounting:** 6 - 9 Metres
- **Fixing:** Top or Side Mount (60mm OD)
- **IP rating:** IP66
- **IK rating:** IK08
- **Voltage:** 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:** Glareshield/spill light kit (GV)

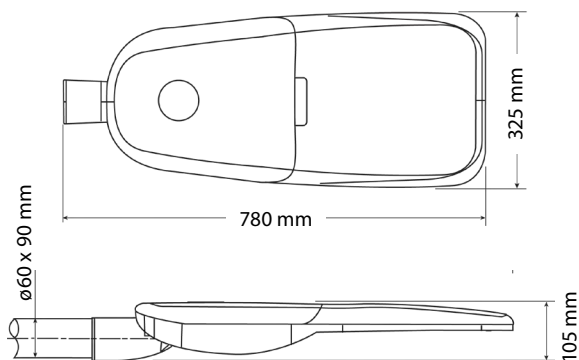
Photometric Design Data



Specification FLAT-M

PRODUCT CODE	FL.M.40W	FL.M.60W	FL.S.100W
Photometric Distribution	T2 - T3 - T4	T2 - T3 - T4	T2 - T3 - T4
System Wattage (watts)	60	80	100
Input Voltage (V)	240	240	240
Current Drive (mA)	862	862	718
CCT (K)	4000	4000	4000
CRI	Ra>70	Ra>70	Ra>70
IP Protection	IP66	IP66	IP66
IK Protection	IK08	IK08	IK08
Weight (Kg) - max.	7.5	7.6	7.6

Dimensions



Features

- Designed to meet stringent Australian Standards
- Self cleaning housing and optical diffuser
- High Performance LED & Optics to meet AS/NZ1158
- Integrated thermal management
- Segregated termination point
- Hinged 'quick access latch'
- Complies with AS/NZ 1158.6 & AS/NZ 1158.1
- 10 year warranty

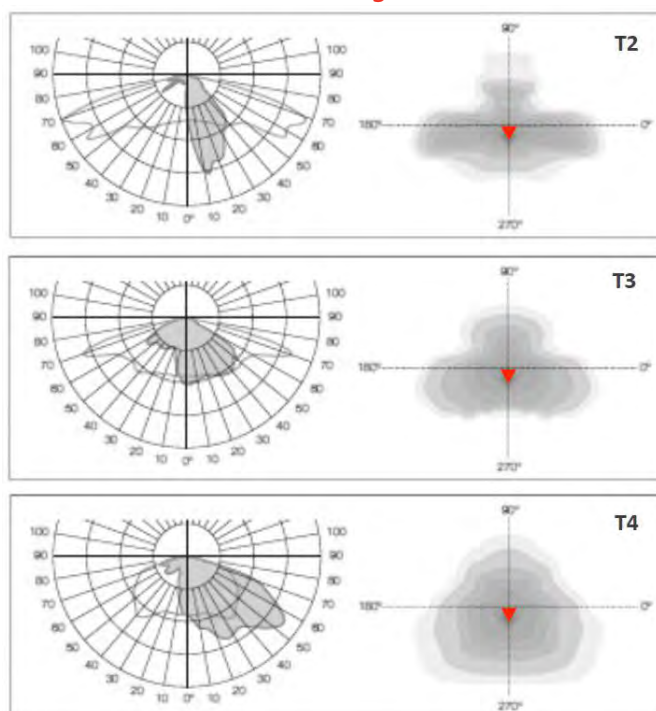
Options

- **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:** Glareshield/spill light kit (GV)

Technical Data

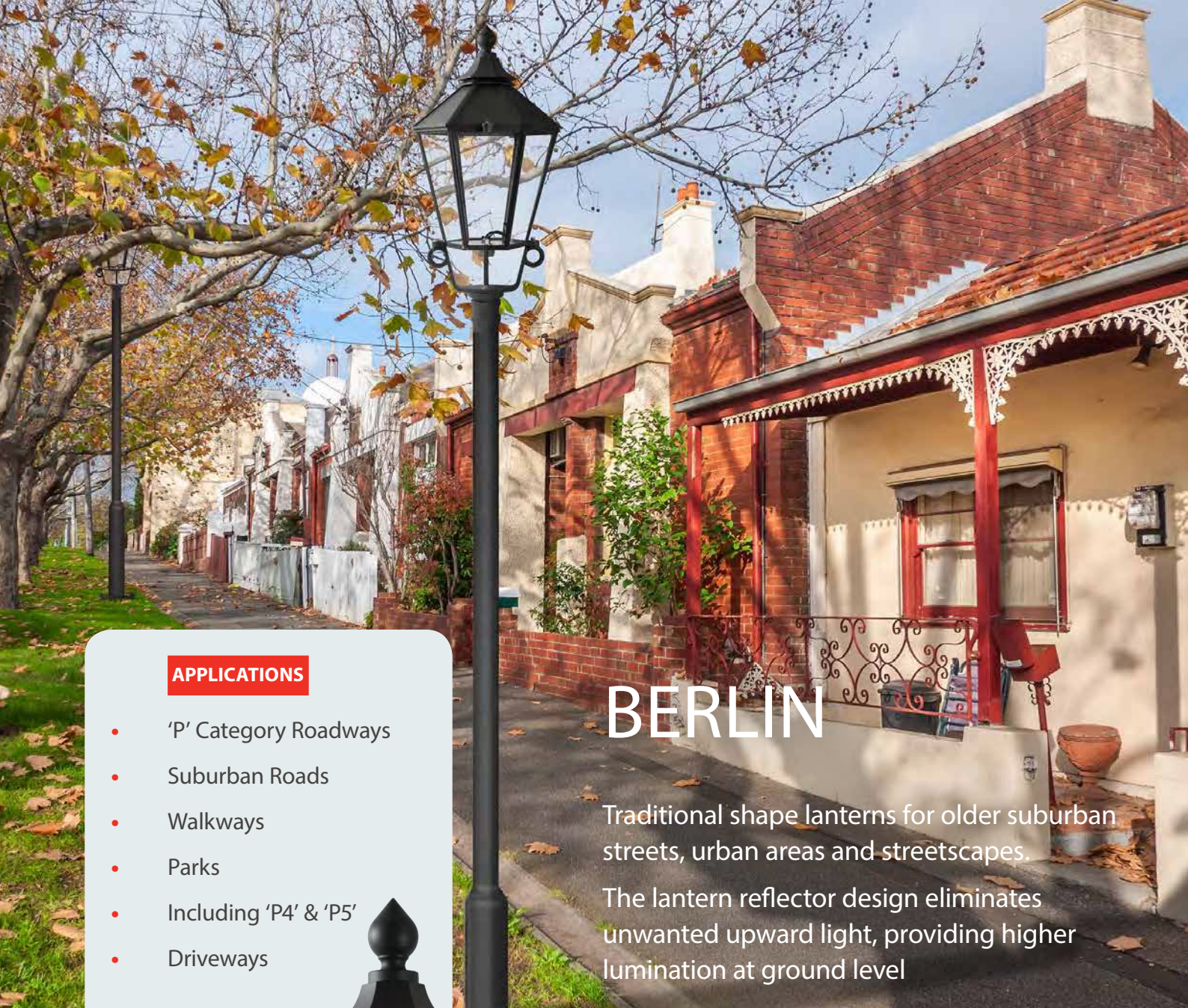
- **Body:** High Pressure Marine Grade Die Cast Aluminum
- **Optics:** Type 2, 3 and 4 Distributions
- **LED #:** CREE: 48 - 64 - 64
- **Wattage:** 120 - 150 - 180 Watts
- **Finishing:** Powder Coat (Grey Standard)
- **Mounting:** 7 - 12 Metres
- **Fixing:** Top or Side Mount (60mm OD)
- **IP rating:** IP66
- **IK rating:** IK08
- **Voltage:** 240V 50/60Hz
- **Power Factor:** >0.9

Photometric Design Data



Specification FLAT-L

PRODUCT CODE	FL.L.120W	FL.SL.150W	FL.L.180W
Photometric Distribution	T2 - T3 - T4	T2 - T3 - T4	T2 - T3 - T4
System Wattage (watts)	120	150	180
Input Voltage (V)	240	240	240
Current Drive (mA)	862	808	970
CCT (K)	4000	4000	4000
CRI	Ra>70	Ra>70	Ra>70
IP Protection	IP66	IP66	IP66
IK Protection	IK08	IK08	IK08
Weight (Kg) - max.	10.5	10.6	10.6



APPLICATIONS

- 'P' Category Roadways
- Suburban Roads
- Walkways
- Parks
- Including 'P4' & 'P5'
- Driveways

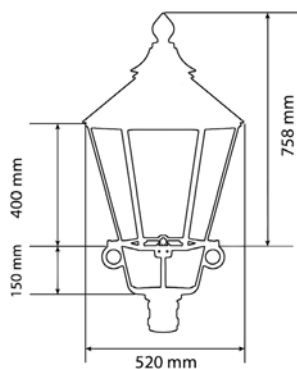
BERLIN

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



Dimensions

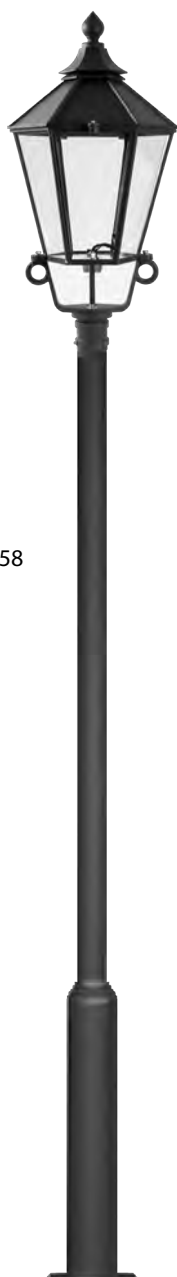


Features

- Designed to meet stringent Australian Standards
- Self cleaning housing and optical diffuser
- High Performance LED & Optics to meet AS/NZ1158
- Integrated thermal management
- Segregated termination point
- Hinged 'quick access latch'
- Complies with AS/NZ 1158.6 & AS/NZ 1158.1
- 10 year warranty

Technical Data

- Body:** High Pressure Die-cast aluminum (marine grade)
- Optics:** Type 3 - 5 Distributions
- LED #:** CREE
- Wattage:** 12 - 14 - 20 - 27 - 57 Watts
- Finishing:** Powder Coat
- Mounting:** 4 - 9 Metres
- Fixing:** Post Top Mount
- IP rating:** IP65
- IK rating:** IK10
- Voltage:** 240V 50/60Hz
- Power Factor:** >0.9

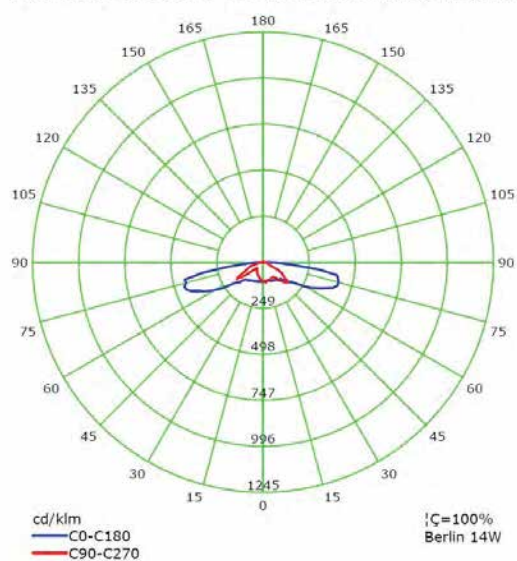


Options

- Photocell:** 7-pin Nema receptacle (7PN)
- Fuse Terminal Block:** (FTB)
- Surge Protection Device:** (SPD - 10KVA, 20KVA)
- Class II:** (DB - Double Insulated)
- Colour:** Grey (GR-Standard)
- CCT:** 3000K, 4000K (Standard), 5000K
- Visor:** Glareshield/spill light kit (GV)

Photometric Design Data

Luminous Intensity Distribution Curve(cd/klm)



Specification BERLIN

PRODUCT CODE	BER512	BER514	BER520	BER527	BER557
Wattage (Watts)	12	14	20	27	57
System Watts	14	17	23	30	60
Input Voltage	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)-max.	15kg	15kg	15kg	15kg	15kg

Highway & Major Road Luminaires

Aldridge LED road lighting and Smart Technology provides a major step towards the government targets to reduce carbon emissions and increase energy efficiency within our roadway and public space infrastructure.

Aldridge comprehensive lighting solutions, address the key areas of efficiency and more importantly the safety of the motorist. LED lighting provides clearer illumination within the roadway infrastructure, especially important for accident black spots on major roads and highways.

Aldridge delivers incredible photometric outputs that meet and exceed the most challenging of high mast schemes. The custom NEMA optics deliver consistent and uniform light levels so anyone can confidently navigate the well-lit areas with ease.

Meeting Australian Standards, Roads Authorities,
Power Distribution Requirements and Approvals



Highways and Major Roads



V-LED MID

V-LED MK II

H-LED

E-LED

'V-LED' Installation, Tasman Bridge - Hobart

V-LED MID

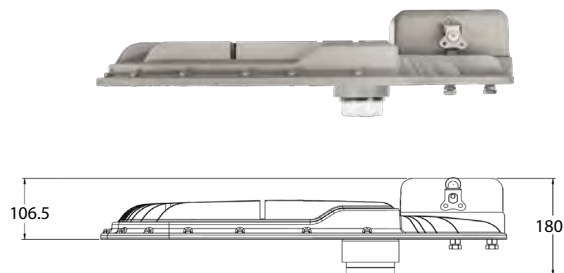
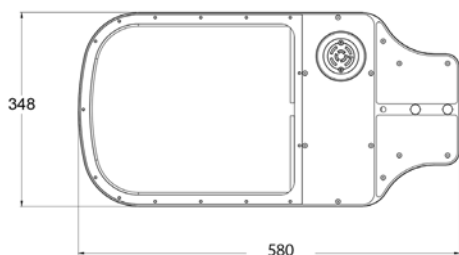
The V-LED MID is a High Performance, Energy Efficient, Road Lighting Luminaire

APPLICATIONS

- Freeways
- Expressways
- Highways
- Motorways

'V-LED' Installation, Gold Coast QL

Dimensions



Features

- Smart City Ready - TST compatibility Zigbee, LoRa, NB-IoT
- 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

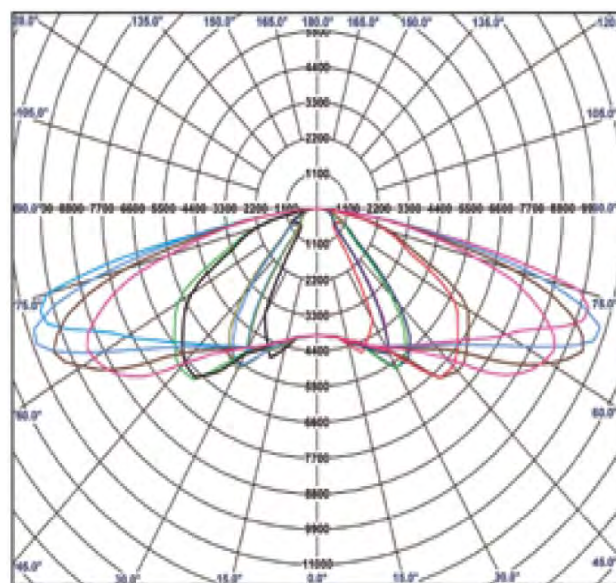
Technical Data

- **Body:** High Pressure Marine Grade Die Cast Aluminum
- **Optics:** Type 2 - 3 - 5
- **LED:** CREE
- **Wattage:** 60 - 70 - 75 - 80 - 100 - 120 - 140 - 150 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

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), Grey (GR - Standard)
- **CCT:** 3000K, 4000K (Standard), 5000k
- **Visor:** Glare shield/spill light kit (GV)
- **Remote Gear:** (RG)
- **5 Deg Tilt Adjustment Adapter** (STA)

Photometric Design Data



Specification V-LED MID

PRODUCT CODE	VM60WT5N7P	VM70WT5N7P	VM75WT5N7P	VM80WT5N7P	VM100WT5N7P	VM120WT5N7P	VM140WT5N7P	VM150WT5N7P
Power (watts)	60	70	75	80	100	120	140	150
Input Voltage (V)	220V - 240V 50/60Hz	220V - 240V 50/60Hz	220V - 240V 50/60Hz	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	4000	4000	4000
CRI	Ra>80	Ra>80	Ra>80	Ra>80	Ra>80	Ra>80	Ra>80	Ra>80
IP Protection	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66
IK Protection	IK06	IK06	IK06	IK06	IK06	IK06	IK06	IK06
Weight (Kg)	<9kg	<9kg	<9kg	<9kg	<9kg	<9kg	<9kg	<9kg

V-LED MKII

The V-LED MKII is a High Performance, Energy Efficient, Road Lighting Luminaire

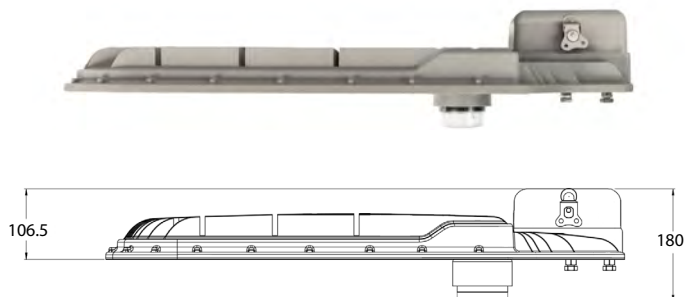
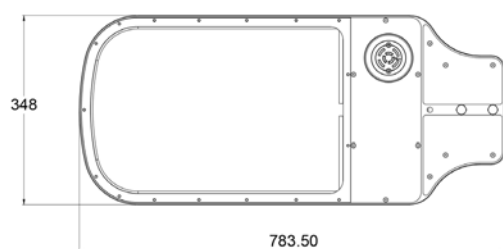
APPLICATIONS

- Freeways
- Expressways
- Highways
- Motorways

'V-LED' Installation, Gold Coast



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

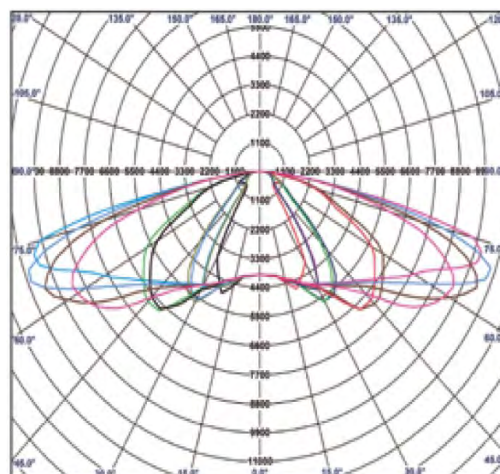
Options

- **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 (Standard)
- **LED:** CREE
- **Wattage:** 75 - 85 - 175 - 265 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

Photometric Design Data



Specification V-LED MKII

PRODUCT CODE	V75WT5N7PBP	V85WT5N7PBP	V175WT5N7PBP	V265WT5N7PBP
Power (watts)	75	85	175	265
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>80	Ra>80	Ra>80	Ra>80
IP Protection	IP66	IP66	IP66	IP66
IK Protection	IK06	IK06	IK06	IK06
Weight (Kg) Remote Gear: Less 2Kg	<11kg	<11kg	<12kg	<12.5kg

H-LED

PRECISION HIGH MAST LIGHTING

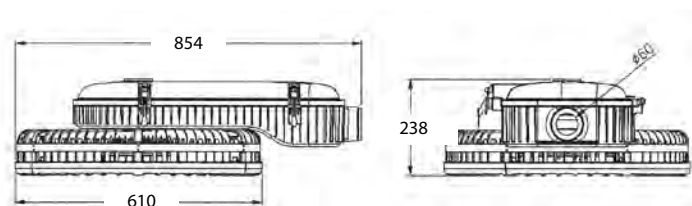
New levels of performance and function to illuminating roadways, large outdoor areas and traffic junctions. With four scalable lumen packages, you can customise your high mast solution to maximise your energy saving benefits

APPLICATIONS

- Highways and Interchanges
- Port Container Facilities
- Toll Plazas
- Rail Yards
- Correctional Facilities
- Large Area Industrial Facilities
- Parking Areas
- Airports
- Security Lighting



Dimensions



Features

- 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
- Power Door - Designed for quick maintenance in-field
- Hinged Driver Housing Door allows easy access and removal of Power Door
- Tool-less entry via stainless steel latches
- Quick Disconnect for electrical maintenance
- Rotatable Optical Assembly Rotates 90°
- Integrated thermal management System

Technical Data

- **Body:** High Pressure Marine Grade Die Cast Aluminum
- **Optics:** Type 1, 2, 3, 4 and 5 Beam Distribution
- **LED:** Long Life, High Density up to 70,000 Luminous Flux L80> 100,000 hours Ta 45°C
- **Wattage:** 60 - 150 Watts
- **Finishing:** Powder Coat (Grey Standard)
- **Mounting:** 4 Bolts - Designed to Fit Existing Light Poles with Adjustment of 5°
- **IP rating:** IP66
- **IK rating:** IK06
- **Voltage:** 220V - 240V 50/60Hz
- **Power Factor:** >0.9

Options

- **Photocell:** 7-pin Nema receptacle (7PN)

Photometric Design Data



Specification H-LED

PRODUCT CODE	HLED200	HLED300	HLED400	HLED600
Power (watts)	260	350	495	690
Input Voltage (V)	120V - 277V 50/60Hz	120V - 277V 50/60Hz	120V - 277V 50/60Hz	120V - 277V 50/60Hz
CCT (K)	4000	4000	4000	4000
CRI	Ra>70 Typical (>80 Optional)	Ra>70 Typical (>80 Optional)	Ra>70 Typical (>80 Optional)	Ra>70 Typical (>80 Optional)
IP Protection	IP66	IP66	IP66	IP66
IK Protection	IK06	IK06	IK06	IK06
Weight (Kg)	27.5	27.5	29.7	31.2

E-LED

PRECISION FLOOD LIGHTING SYSTEM

E-LED is a brand new elite performance, multi application, LED luminaire, designed to illuminate sports fields, airports and large outdoor areas with supreme uniformity, outstanding light quality and remarkable visual comfort.

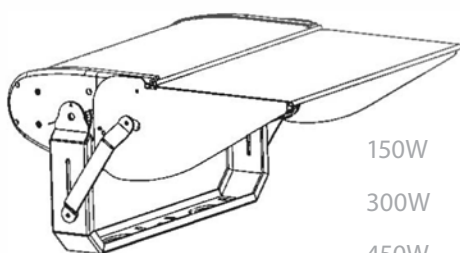
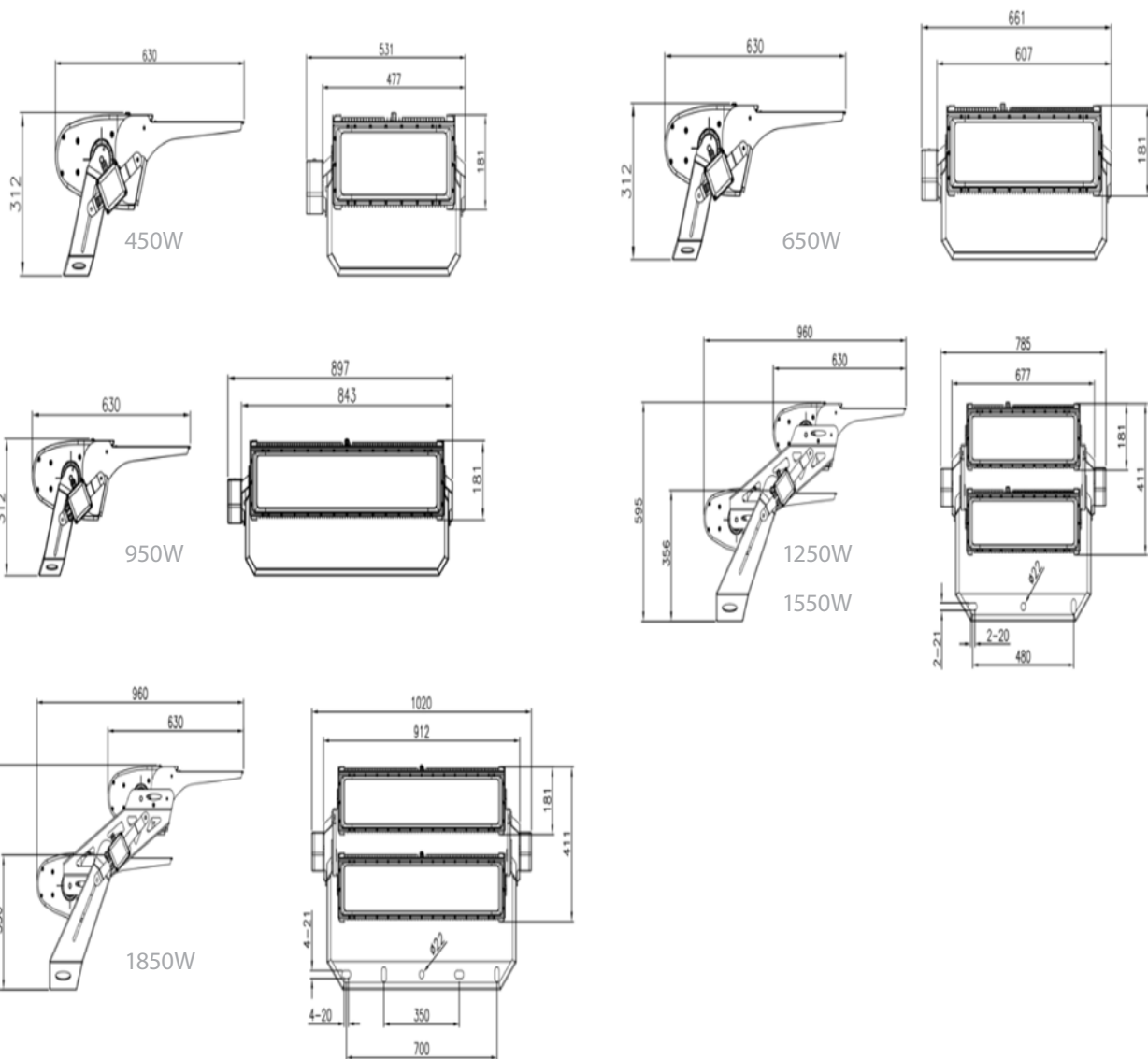
Utilising our patented fold fin thermal technology and latest high flux LEDs, E-LED emits more than 280,000 lumens from a single compact lightweight luminaire. The custom engineered optics are a breakthrough in LED beam control, enabling E-LED to deliver incredible photometric outputs that meet and exceed the most challenging of schemes

APPLICATIONS

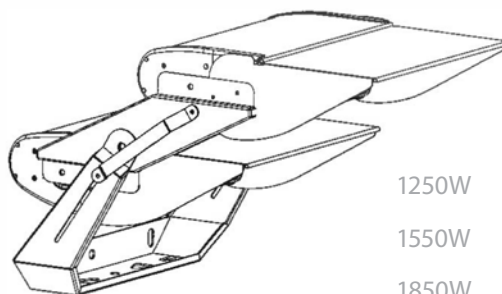
- Sports Fields
- Stadiums
- Shipyards
- Airports
- Logistics
- Car Parks
- High Mast
- Traffic Junctions



Dimensions



150W
300W
450W
650W
950W



1250W
1550W
1850W
2400W



Features

- **Fold Fins**
Patented lightweight thermal structure maximises heat dissipation whilst maintaining a compact, lightweight, luminaire design.
- **Mounting System**
Versatile mounting bracket, designed for simple install in new or retro fit applications.
- **Adjusting**
Simple to adjust for final aiming.
- **Finish**
Polyester powder paint provides a highly durable finish that is resistant to UV rays and corrosion.
- **Hood**
Eliminates upward light leakage and provide excellent control of spill light.
- **Optics**
Eight custom-engineered optics that direct light precisely where needed whilst minimizing glare.
- **IP66 Enclosure**
Weather-tight design ensures durability and reliability in the harshest environments.
- **LEDs**
Long life, high density L80 >100,000 hours Ta 45°C.
- **Glass**
Heat, shock and vandal resistant, toughened glass lens, with high light transmission.

Benefits

- Multiple lumen packages to replace traditional lamps
- Low wind profile area (EPA)
- Easy direct replacement using the existing mast wiring and mounting arms
- Dark sky friendly with zero upward light
- Field adjustable
- Industry leading optical performance for light spill control
- Consistent high performance in the most demanding environments
- Compatible with leading programmable lighting control systems

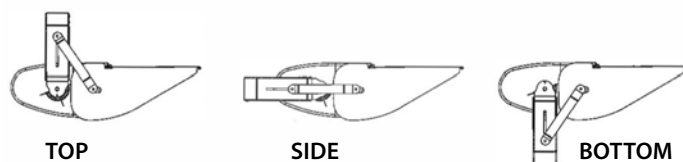
Technical Data

- **Body:** High Pressure Marine Grade Die Cast Aluminum
- **Bracket:** Zinc Galvanized Steel
- **Optics:** Type 2, 3 and 4 Distributions
- **LED #:** CREE: 48 - 64 - 64
- **Wattage:** 120 - 150 - 180 Watts
- **Finishing:** Powder Coat (Grey Standard)
- **IP rating:** IP65
- **IK rating:** IK08
- **Voltage:** 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), Grey (GR-Standard)
Custom Colours Available
- **CCT:** 4000K, 5000K (Standard), 6500K

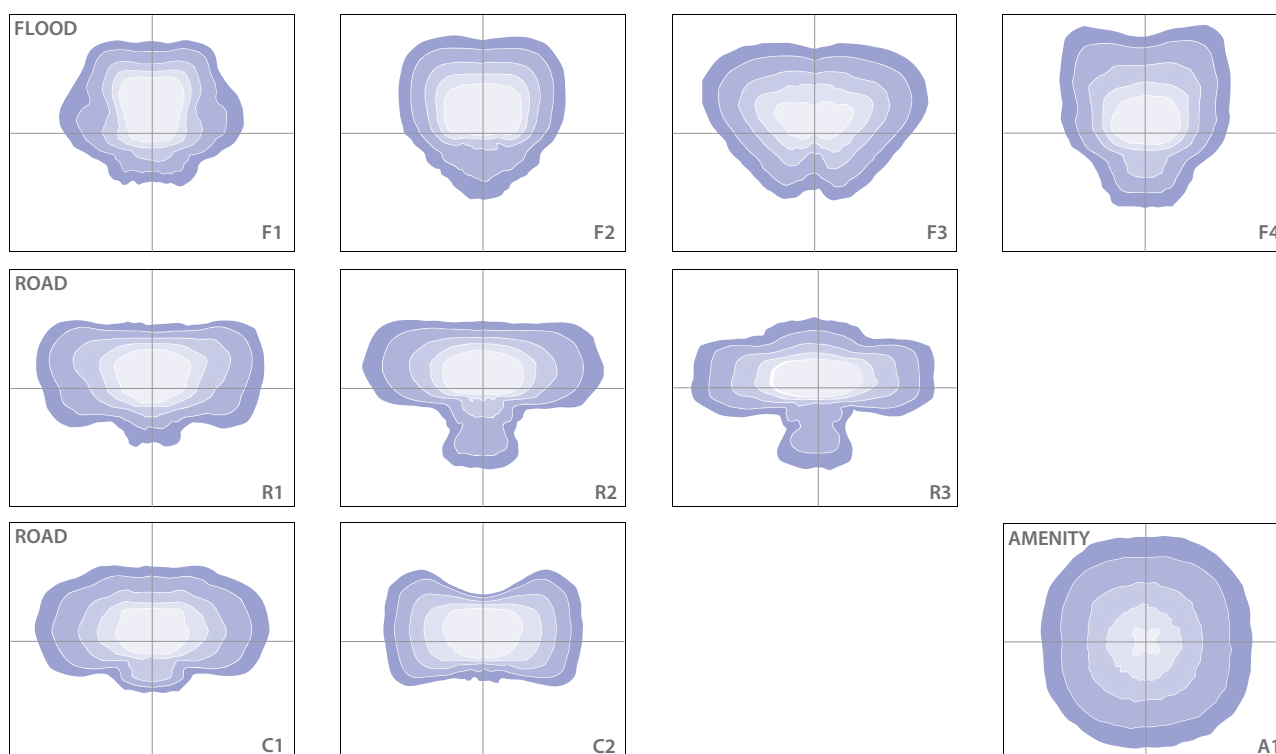
MOUNTING



Install

E-LED is designed to be installed on existing lighting poles and infrastructures and can be mounted above or below a crossbar simply by inverting the brackets. This allows multiple lights to be fitted on each mast, eliminating the expense of new poles, crossarms, demolition, engineering and foundations.

Photometric Data



Driver System

Performance

The power gear enclosure is designed to minimize driver operating temperatures so it runs cooler significantly improving reliability and performance.

Control

The power control technology delivers constant light output, independent of input voltage variations and runs efficiently of >96% and a factor of 0.99°.

Flexibility

The complete power gear system can be located up to 50m away from the luminaires, making it ideal for remote mounting. This simplifies installation, lowers initial cost and enables easy access for maintenance and future upgrades.

Specification E-LED

PRODUCT CODE	ELED.120W	ELED.150W	ELED.180W
Photometric Distribution	F1 - F2 - F3 - F4 - RI - R2 - R3 - C1- C2 - A1	F1 - F2 - F3 - F4 - RI - R2 - R3 - C1- C2 - A1	F1 - F2 - F3 - F4 - RI - R2 - R3 - C1- C2 - A1
System Wattage (watts)	120	150	180
Input Voltage (V)	240	240	240
Current Drive (mA)	862	808	970
CCT (K)	4000	4000	4000
CRI	Ra>70	Ra>70	Ra>70
IP Protection	IP65	IP65	IP65
IK Protection	IK08	IK08	IK08
Weight (Kg) - max.	10.5	10.6	10.6

Tunnel and Underpass Luminaires

Adequate illumination of the tunnel interior, which allows drivers to quickly adjust to the light within, identify possible obstacles, and negotiate their passage without reducing speed, is the priority for safety of all tunnel and underpass users.

These requirements apply during the day when the contrast between outside and inside is significant and at night when it is less but reversed.

Aldridge lighting systems deliver aesthetically low profile lighting systems for Roadway, Tunnel and Landscape applications. With over 40 years experience in outdoor infrastructure, Aldridge's versatile range of luminaires suit today's ever changing environment and withstand the test of time with state of the art engineering and Smart Solutions for every lighting project.

Tunnels and Underpasses



T-LED

FLUD

V-LED MK II

V-LED MID

S-LED

T-LED Series

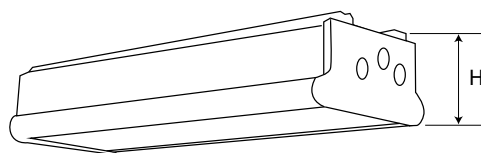
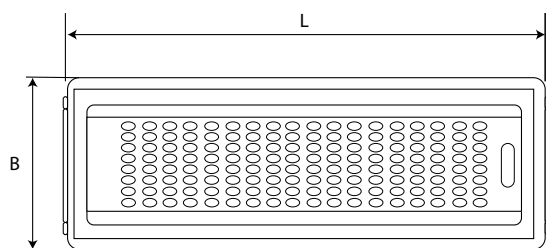
The T-LED is a High Performance, Energy Efficient, Tunnel and Underpass Lighting Luminaire

APPLICATIONS

- Tunnels
- Underpasses



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

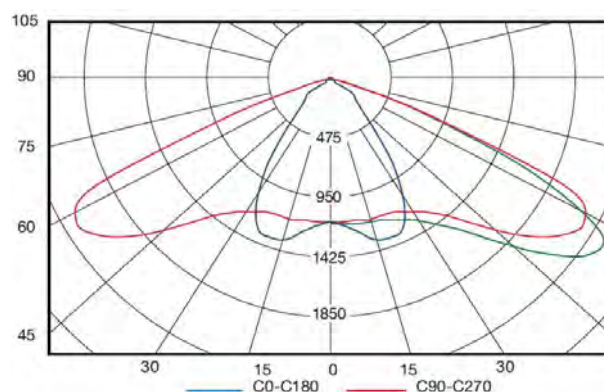
Options

- **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 to Meet Uniformity Requirements
- **LED:** 48 - 96 - 192 - 240 - 288
- **Wattage:** 36 - 72 - 140 - 180 - 210 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.36W	TLED.72W	TLED.140W	TLED.180W	TLED.210W
Dimensions L x B x H mm	340 x 200 x 110	470 x 200 x 110	720 x 200 x 110	1060 x 200 x 110	1200 x 200 x 110
Power (watts)	36	72	140	180	210
System Wattage (watts)	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



V-LED MKII

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

APPLICATIONS

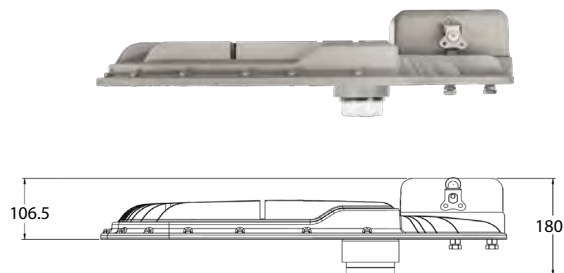
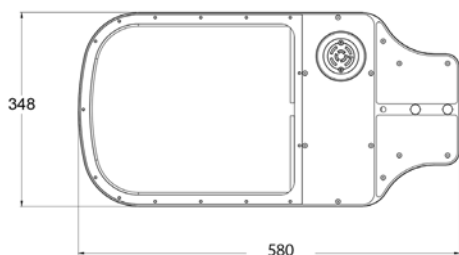
- Tunnels
- Underpasses
- Freeways
- Expressways
- Highways
- Motorways



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



Dimensions



Features

- Smart City Ready - TST compatibility Zigbee, LoRa, NB-IoT
- 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

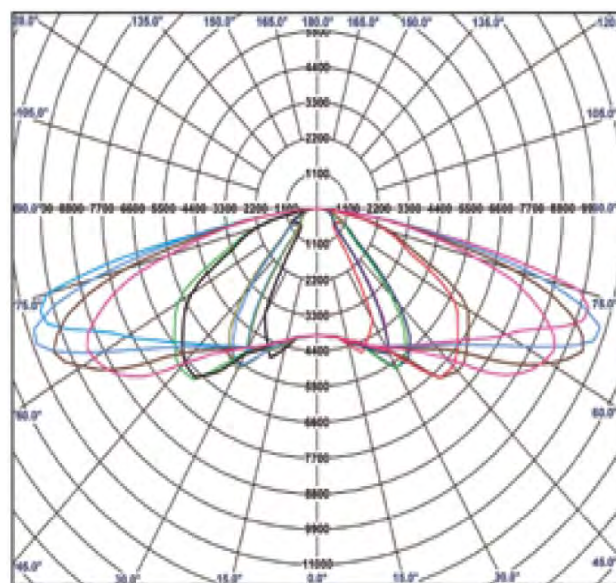
Technical Data

- **Body:** High Pressure Marine Grade Die Cast Aluminum
- **Optics:** Type 2 - 3 - 4
- **LED:** CREE
- **Wattage:** 60 - 70 - 75 - 80 - 100 - 120 - 140 - 150 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

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), Grey (GR - Standard)
- **CCT:** 3000K, 4000K (Standard), 5000k
- **Visor:** Glare shield/spill light kit (GV)
- **Remote Gear:** (RG)
- **5 Deg Tilt Adjustment Adapter** (STA)

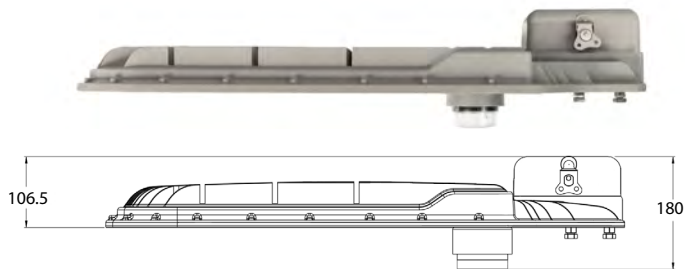
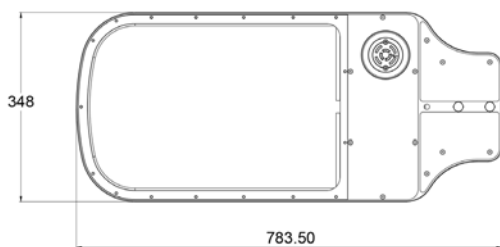
Photometric Design Data



Specification V-LED MID

PRODUCT CODE	VM60WT5N7P	VM70WT5N7P	VM75WT5N7P	VM80WT5N7P	VM100WT5N7P	VM120WT5N7P	VM140WT5N7P	VM150WT5N7P
Power (watts)	60	70	75	80	100	120	140	150
Input Voltage (V)	220V - 240V 50/60Hz	220V - 240V 50/60Hz	220V - 240V 50/60Hz	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	4000	4000	4000
CRI	Ra>80	Ra>80	Ra>80	Ra>80	Ra>80	Ra>80	Ra>80	Ra>80
IP Protection	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66
IK Protection	IK06	IK06	IK06	IK06	IK06	IK06	IK06	IK06
Weight (Kg)	<9kg	<9kg	<9kg	<9kg	<9kg	<9kg	<9kg	<9kg

Dimensions



Features

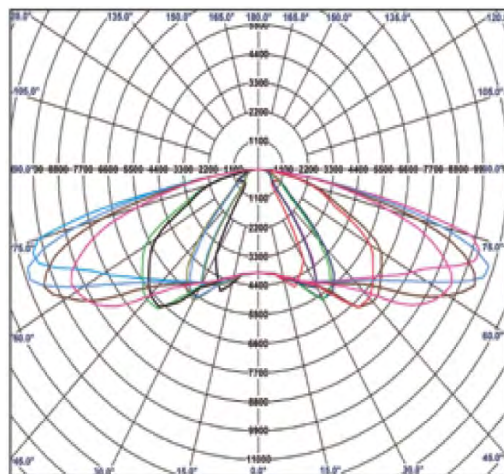
- Smart City Ready - TST compatibility Zigbee, LoRa, NBLoT
- High Performance roadway luminaire designed to meet stringent Australian/New Zealand road lighting standard, AS/NZS 60698.2.3 & AS/NZS TS 1158.6
- High Performance Optics designed to comply and meet Australian standards AS1158-1.1 Cat V
- Direct 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:** (STA)

Technical Data

- **Body:** High Pressure Marine Grade Die Cast Aluminum
- **Optics:** Type 2 - 3 - 5 (Standard)
- **LED:** CREE
- **Wattage:** 75 - 85 - 175 - 265 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
Power (watts)	75	85	175	265
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>80	Ra>80	Ra>80	Ra>80
IP Protection	IP66	IP66	IP66	IP66
IK Protection	IK06	IK06	IK06	IK06
Weight (Kg) Remote Gear: Less 1.8Kg	<12kg	<12kg	<13kg	<14kg



'V-LED' Installation, Thomastown, VIC

FLUD Series

The FLUD is a High Performance, Energy Efficient, Tunnel and Underpass Lighting Luminaire

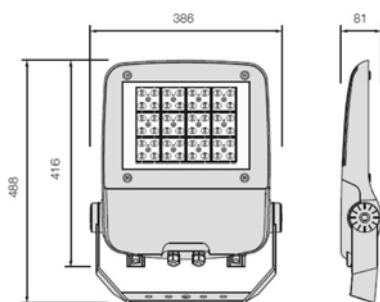
APPLICATIONS

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



'FLUD' Installation Buckley Street, Moonee Ponds, VIC

Dimensions



Features

- Designed to meet stringent Australian Standards
- Suitable for Roadway, Tunnel and Landscape Applications
- Self cleaning housing and PMMA optical diffuser
- High Performance LED & Optics to meet AS/NZ1158
- Integrated thermal management
- Segregated termination point
- Hinged 'quick access latch'
- Complies with AS/NZ 1158.6 & AS/NZ 1158.1
- 10 year warranty

Technical Data

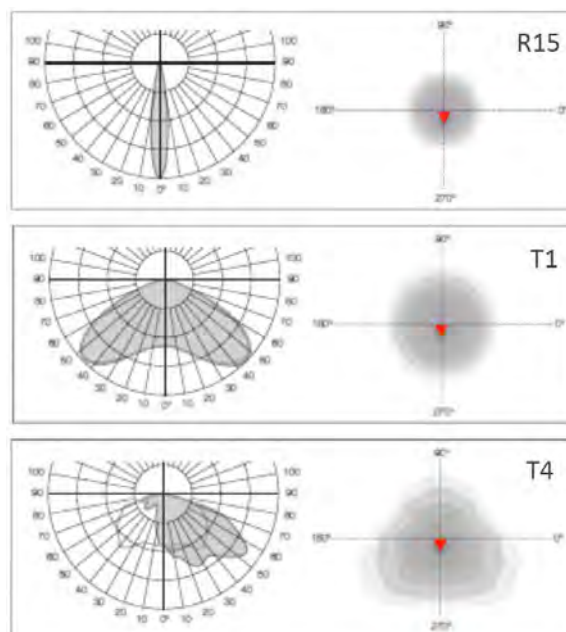
- **Body:** High Pressure Marine Grade Die Cast Aluminum
- **Optics:** Asymmetric - Symmetrical Distribution
- **LED #:** CREE 36 - 36 - 48 - 48 (RGB)
- **Wattage:** 80 - 100 - 120 - 120 (RGB) Watts
- **Finishing:** Powder Coat (Grey Standard)
- **Fixing:** Trunnion Mount
- **IP rating:** IP66
- **IK rating:** IK9
- **Voltage:** 240V 50/60Hz
- **Power Factor:** >0.9



Options

- **Photocell:** 7-pin Nema receptacle (7PN), D2 type cell (D2)
- **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:** Glareshield/spill light kit (GV)
- **Controller:** RS485 lamp based driver suitable for tunnel lighting
- **RGB:** DMX Controller

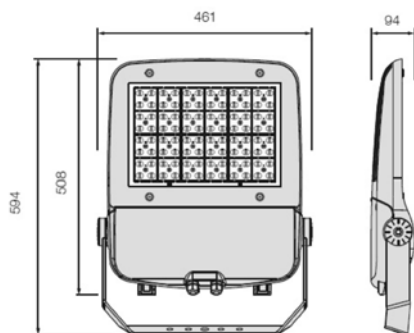
Photometric Design Data



Specification FLUD S

PRODUCT CODE	FU.S.80W	FU.S.100W	FU.S.120W	FU.S.120W RGB
Photometric Distribution	R15 - T1 - T4	R15 - T1 - T4	R15 - T1 - T4	R15 - T1
System Wattage (watts)	80	100	120	120
Input Voltage (V)	240	240	240	240
Current Drive (mA)	766	957	862	862
CCT (K)	4000	4000	4000	4000
CRI	Ra>70	Ra>70	Ra>70	Ra>70
IP Protection	IP66	IP66	IP66	IP66
IK Protection	IK09	IK09	IK09	IK09
Weight (Kg) - max.	9.2	9.2	9.2	9.2

Dimensions



Features

- Designed to meet stringent Australian Standards
- Suitable for Roadway, Tunnel and Landscape Applications
- Self cleaning housing and PMMA optical diffuser
- High Performance LED & Optics to meet AS/NZ1158
- Integrated thermal management
- Segregated termination point
- Hinged 'quick access latch'
- Complies with AS/NZ 1158.6 & AS/NZ 1158.1
- 10 year warranty

Technical Data

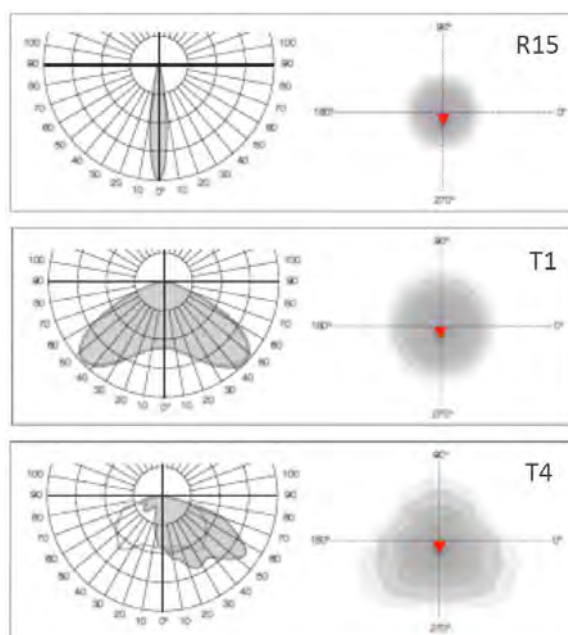
- **Body:** High Pressure Marine Grade Die Cast Aluminum
- **Optics:** Asymmetric - Symmetrical Distribution
- **LED #:** CREE 64 - 80 - 96 - 96 (RGB)
- **Wattage:** 150 - 200 - 240 - 240 (RGB) Watts
- **Finishing:** Powder Coat (Grey Standard)
- **Fixing:** Trunnion Mount
- **IP rating:** IP66
- **IK rating:** IK9
- **Voltage:** 240V 50/60Hz
- **Power Factor:** >0.9



Options

- **Photocell:** 7-pin Nema receptacle (7PN), D2 type cell (D2)
- **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:** Glareshield/spill light kit (GV)
- **Controller:** RS485 lamp based driver suitable for tunnel lighting
- **RGB:** DMX Controller

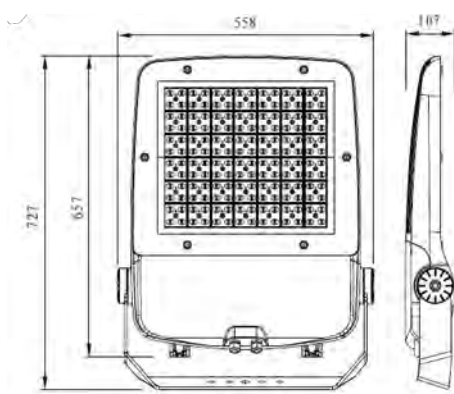
Photometric Design Data



Specification FLUD M

PRODUCT CODE	FU.M.150W	FU.M.200W	FU.M.240W	FU.M.240W RGB
Photometric Distribution	R15 - T1 - T4	R15 - T1 - T4	R15 - T1 - T4	R15 - T1
System Wattage (watts)	150	200	240	240
Input Voltage (V)	240	240	240	240
Current Drive (mA)	808	862	862	862
CCT (K)	4000	4000	4000	4000
CRI	Ra>70	Ra>70	Ra>70	Ra>70
IP Protection	IP66	IP66	IP66	IP66
IK Protection	IK09	IK09	IK09	IK09
Weight (Kg) - max.	13.3	13.4	13.4	13.4

Dimensions



Features

- Designed to meet stringent Australian Standards
- Suitable for Roadway, Tunnel and Landscape Applications
- Self cleaning housing and PMMA optical diffuser
- High Performance LED & Optics to meet AS/NZ1158
- Integrated thermal management
- Segregated termination point
- Hinged 'quick access latch'
- Complies with AS/NZ 1158.6 & AS/NZ 1158.1
- 10 year warranty

Technical Data

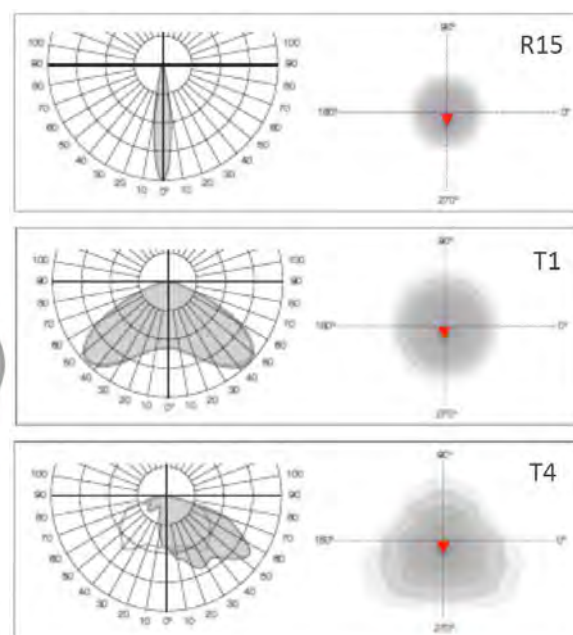
- **Body:** High Pressure Marine Grade Die Cast Aluminum
- **Optics:** Asymmetric - Symmetrical Distribution
- **LED #:** CREE 120 - 140 - 140 (RGB)
- **Wattage:** 300 - 360 - 300 (RGB) Watts
- **Finishing:** Powder Coat (Grey Standard)
- **Fixing:** Trunnion Mount
- **IP rating:** IP66
- **IK rating:** IK9
- **Voltage:** 240V 50/60Hz
- **Power Factor:** >0.9



Options

- **Photocell:** 7-pin Nema receptacle (7PN), D2 type cell (D2)
- **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:** Glareshield/spill light kit (GV)
- **Controller:** RS485 lamp based driver suitable for tunnel lighting
- **RGB:** DMX Controller

Photometric Design Data



Specification FLUD L

PRODUCT CODE	FU.L.300W	FU.L.360W	FU.L.300W
Photometric Distribution	R15 - T1 - T4	R15 - T1 - T4	R15 - T1
System Wattage (watts)	300	360	300
Input Voltage (V)	240	240	240
Current Drive (mA)	862	887	739
CCT (K)	4000	4000	4000
CRI	Ra>70	Ra>70	Ra>70
IP Protection	IP66	IP66	IP66
IK Protection	IK09	IK09	IK09
Weight (Kg) - max.	21.2	21.2	21.2



APPLICATIONS

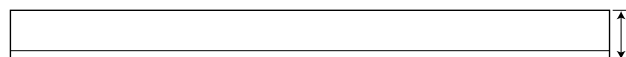
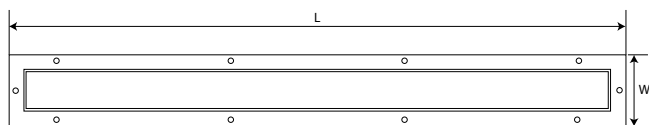
- Tunnels
- Underpasses
- Pedestrian Underpasses
- Rail Stations
- Transport Hubs
- Police Stations
- Adverse Locations

S-LED

The S-LED is an Energy Efficient, Tunnel and Underpass Lighting Luminaire. Suitable for pedestrian and vehicle underpass, railway stations, transport hub, police stations and adverse locations that are subject to vandalism



Dimensions



Features

- Suitable for pedestrian and vehicle underpass, railway stations, transport hub, police stations and adverse locations that are subject to vandalism
- Designed to comply with stringent AS/NZ standards
- High performance LED & Optics to meet AS/NZ standards
- Integrated thermal management
- Removable driver and LED module
- End to end mounting
- Smart City compatible - TST
- 10 year warranty

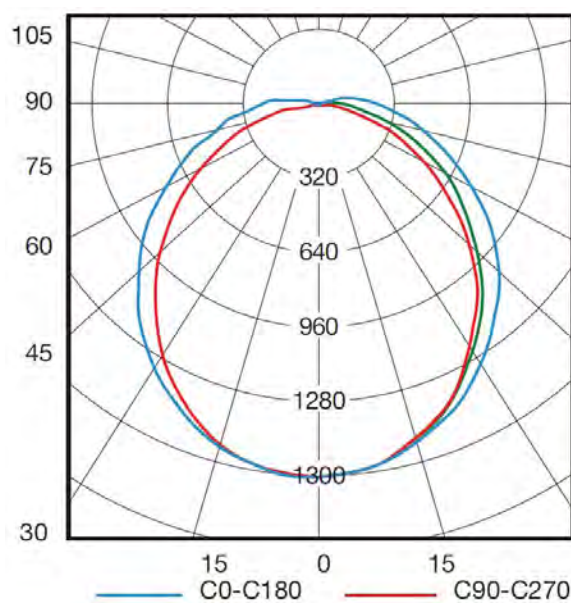
Technical Data

- **Body:** Formed Aluminium - Marine Grade
- **Optics:** Distribution to Meet Uniformity Requirements
- **Wattage:** 20 - 30 - 40 - 60 - 80 Watts
- **Finishing:** Powder Coat (Grey Standard)
- **Fixing:** Ceiling or Wall
- **Mounting:** 3 - 6 Metres
- **IP rating:** IP65
- **IK rating:** IK10
- **Voltage:** 230VAC 50/60Hz
- **Power Factor:** >0.9

Options

- **Flat diffuser IK10:** (Aero)
- **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
- **Controller:** RS485 compatible lamp driver: (TST:LCU12R)
- **TST compatible:** (TST:SCU02)

Photometric Design Data



Specification S-LED

PRODUCT CODE	SLED.20W	SLED.30W	SLED.40W	SLED.60W	SLED.80W
Dimensions L x W x H mm	1255 x 150 x 90	1255 x 150 x 90	1255 x 150 x 90	1255 x 150 x 90	1555 x 150 x 90
System Wattage (watts)	20	30	40	60	80
Input Voltage (V)	230	230	230	230	230
CCT (K)	4000	4000	4000	4000	4000
CRI	Ra>80	Ra>80	Ra>80	Ra>80	Ra>80
IP Protection	IP65	IP65	IP65	IP65	IP65
IK Protection	IK10	IK10	IK10	IK10	IK10
Weight (Kg) - max.	8.8	8.8	8.8	8.8	8.8

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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