

Lighting Systems

ALDRIDGE



flat series



www.aldridgetraffic.com.au

Lighting Systems

ALDRIDGE

Aldridge lighting systems delivers an aesthetically low profile street and area lighting system.

With over 40 years experience in outdoor infrastructure, Aldridge delivers a versatile range in three sizes, small, medium and large to suit today's ever changing landscape and to withstand the test of time in:

- Hardware
- Optics
- Environmental
- Performance



fLat series

Lighting Systems

ALDRIDGE

Code

Page

FL.S



4

FL.M



5

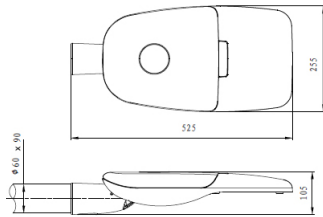
FL.L



6

fLat-s

ALDRIDGE



- 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

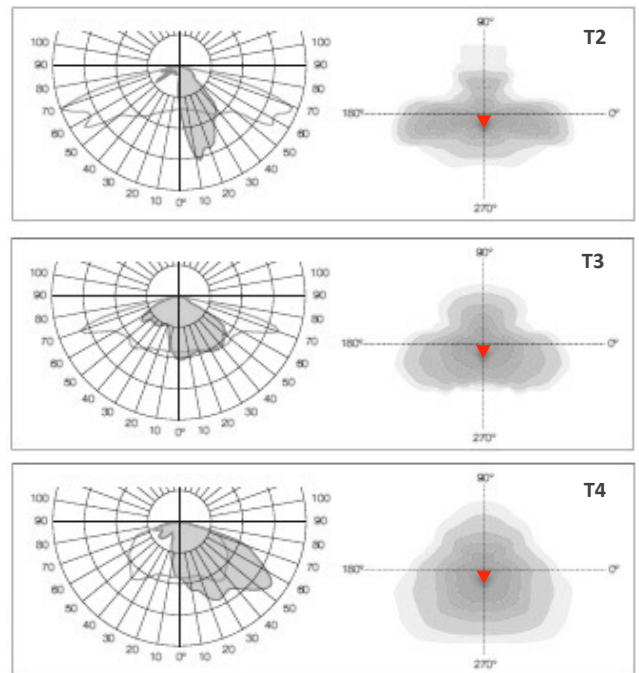
Technical Data

- Body: High Pressure Die-cast aluminum (marine grade)
- Optics: Type 2, 3 and 4 Distributions
- LED #: Cree: 16 – 24 – 24
- Wattage: 30 – 40 – 60 watts
- Finishing: Powder Coat (Grey Standard)
- Mounting: 4-6m
- 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 - 10KV_a, 20KV_a)
- Class II (DB - Double Insulated)
- Color: Black (BL), White (WH), Grey (GR- Standard)
- CCT: 3000K, 4000K (Standard), 5000K
- Visor: Glareshield/spill light kit (GV)

Photometry Data



Product Code	FL.S.30W	FL.S.40W	FL.S.60W
LED Qty	16	24	24
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

fLat-m

ALDRIDGE



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- Hinged “quick access latch”
- Complies with AS/NZ 1158.6 & AS/NZ 1158.1
- 10 Year Warranty

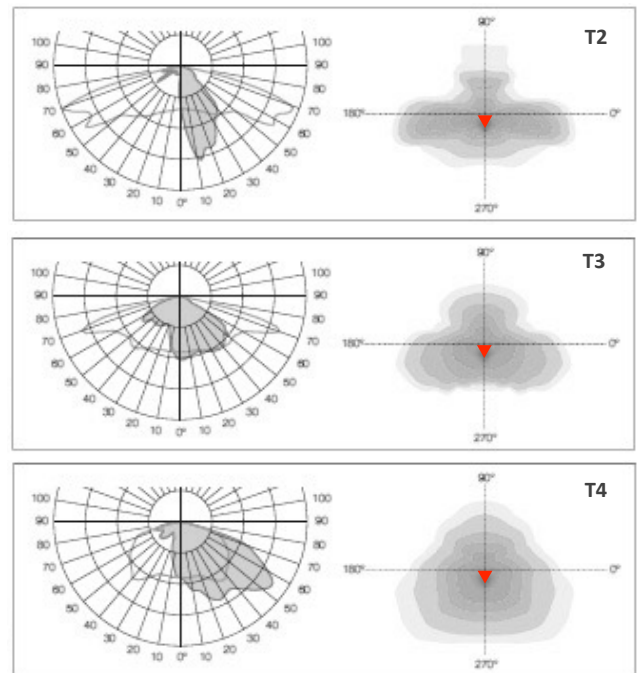
Technical Data

- Body: High Pressure Die-cast aluminum (marine grade)
- Optics: Type 2, 3 and 4 Distributions
- LED #: Cree: 24 – 32 – 48
- Wattage: 40 – 60 – 100 watts
- Finishing: Powder Coat (Grey Standard)
- Mounting: 6-9m
- 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 - 10KV_a, 20KV_a)
- Class II (DB - Double Insulated)
- Color: Black (BL), White (WH), Grey (GR- Standard)
- CCT: 3000K, 4000K (Standard), 5000K
- Visor: Glareshield/spill light kit (GV)

Photometry Data



Product Code	FL.M.60W	FL.M.60W	FL.M.100W
LED Qty	24	32	48
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

fLat-I

ALDRIDGE



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- Hinged “quick access latch”
- Complies with AS/NZ 1158.6 & AS/NZ 1158.1
- 10 Year Warranty

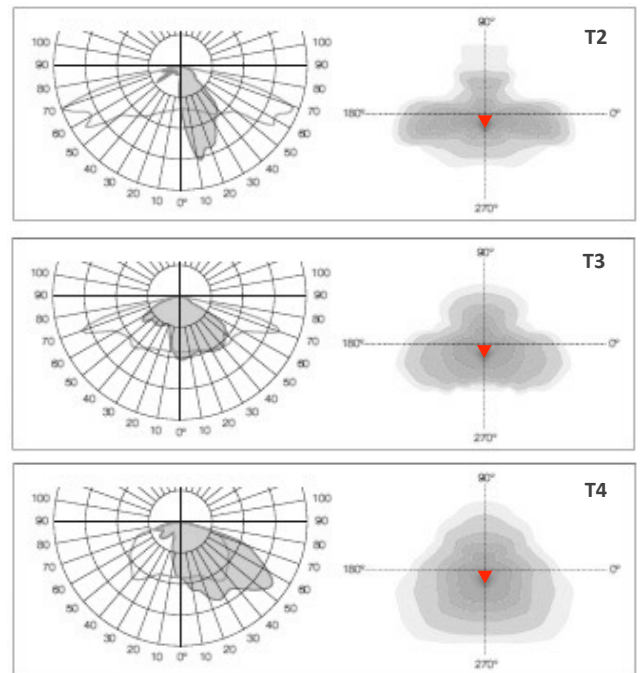
Technical Data

- Body: High Pressure Die-cast aluminum (marine grade)
- Optics: Type 2, 3 and 4 Distributions
- LED #: Cree: 48 – 64 – 64
- Wattage: 120 – 150 – 180 watts
- Finishing: Powder Coat (Grey Standard)
- Mounting: 7-12m
- Fixing: Top or side spigot 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)
- Color: Black (BL), White (WH), Grey (GR- Standard)
- CCT: 3000K, 4000K (Standard), 5000K
- Visor: Glareshield/spill light kit (GV)

Photometry Data



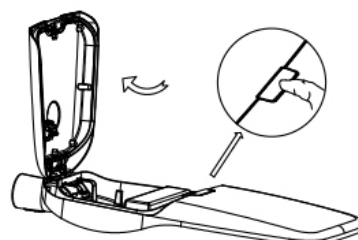
Product Code	FL.L.120W	FL.L.150.W	FL.L.180.W
LED Qty	48	64	64
Photometric Distribution	T2 – T3 – T4	T2 – T3 – T4	T2 – T3 – T4
System Wattage (watts)	120	150	180
Input Voltage (V)	240	240	240
Current Drive (mA)	862	808	970
CCT (K)	4000	4000	4000
CRI	Ra>70	Ra>70	Ra>70
IP Protection	IP66	IP66	IP66
IK Protection	IK08	IK08	IK08
Weight (Kg) - max.	10.5	10.6	10.6

fLat-series

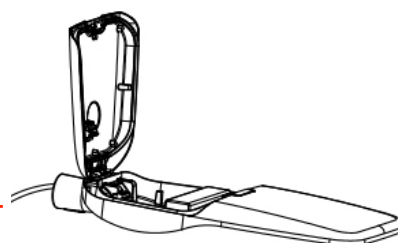
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Installation guide:

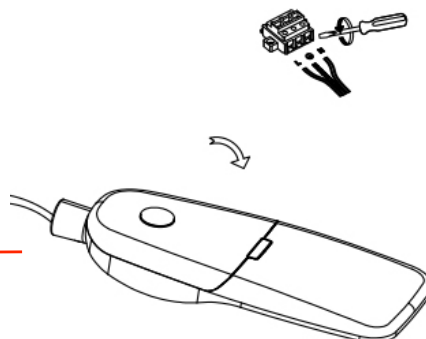
Step - 1



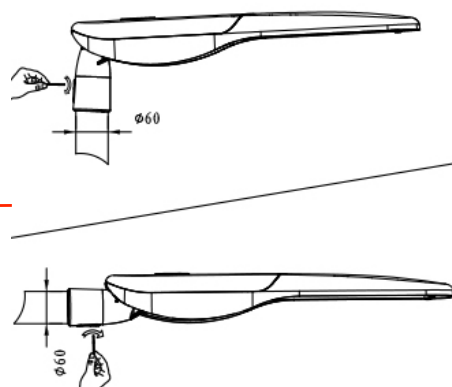
Step - 2



Step - 3



Step - 4



Lighting Systems

ALDRIDGE

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