

Lighting Systems

ALDRIDGE



fLud series



10378

www.aldridgetraffic.com.au

ALDRIDGE

Aldridge lighting systems delivers an aesthetically low profile area lighting system suitable for Roadway, Tunnel and Landscape applications.

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 with state of the art engineering in;

- Hardware
- Optics
- Environmental
- Performance
- RGB



Code

Page

FU.S



4

FU.M



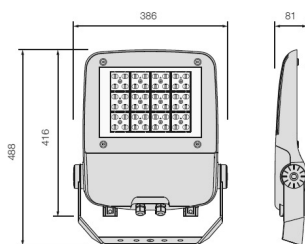
5

FU.L



6

fLud series



- Designed to meet stringent Australian Standards
- Suitable for Roadway, Tunnel and Landscape applications
- 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

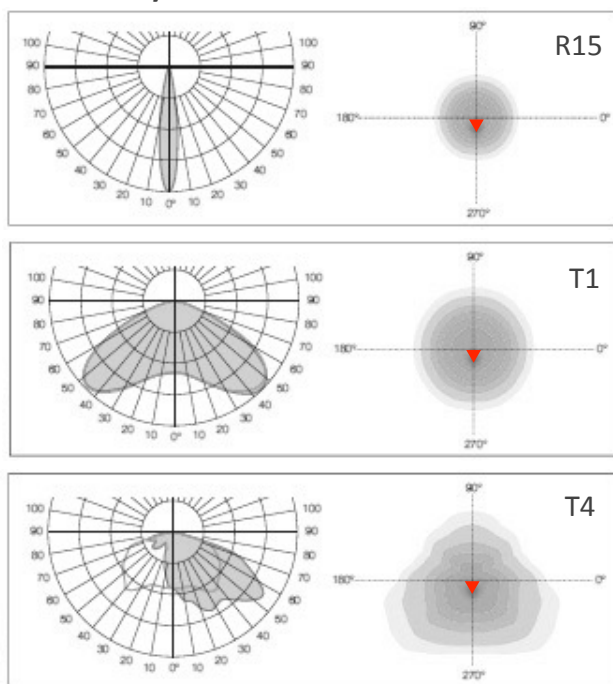
- Body: High Pressure Die-cast aluminum (marine grade)
- Optics: Asymmetric – Symmetrical Distributions
- LED #: Cree: 36 - 36 - 48 - 48(RGB)
- Wattage: 80 - 100 - 120 - 120(RGB) watts
- Finishing: Powder Coat (Grey Standard)
- Fixing: Trunnion mount.
- IP rating: IP66
- IK rating: IK09
- Voltage: 240V 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)
- Controller: RS485 lamp based driver suitable for Tunnel Lighting
- RGB: DMX Controller



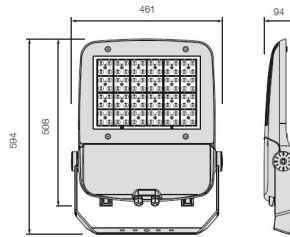
Photometry Data



Product Code	FU.S.80W	FU.S.100W	FU.S.120W	FU.S.120W.RGB
LED Qty	36	36	48	48
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

fLud-m

ALDRIDGE



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- Segregated termination point
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- Complies with AS/NZ 1158.6 & AS/NZ 1158.1
- 10 Year Warranty

Technical Data

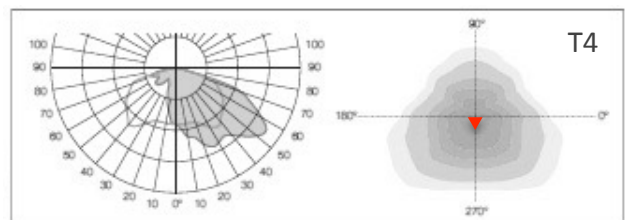
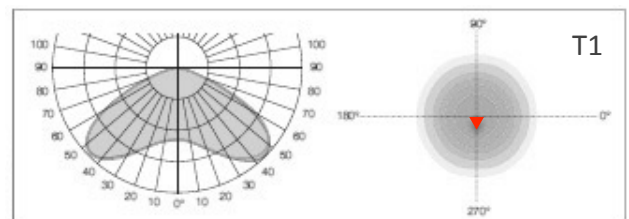
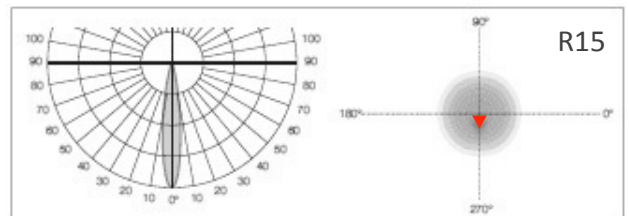
- Body: High Pressure Die-cast aluminum (marine grade)
- Optics: Asymmetric – Symmetrical Distributions
- LED #: Cree: 64 - 80 - 96 - 96
- Wattage: 150 – 200 – 240 – 240(RGB) watts
- Finishing: Powder Coat (Grey Standard)
- Fixing: Trunnion mount.
- IP rating: IP66
- IK rating: IK09
- Voltage: 240V 50/60Hz
- 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)
- Controller: RS485 lamp based driver suitable for Tunnel Lighting
- RGB: DMX Controller



Photometry Data



Product Code	FU.M.150W	FU.M.200W	FU.M.240W	FU.M.240W
LED Qty	64	80	96	96
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

fLud-I

ALDRIDGE



Technical Data

- Body: High Pressure Die-cast aluminum (marine grade)
- Optics: Asymmetric – Symmetrical Distributions
- 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: IK09
- Voltage: 240V 50/60Hz
- Power Factor: > 0.9

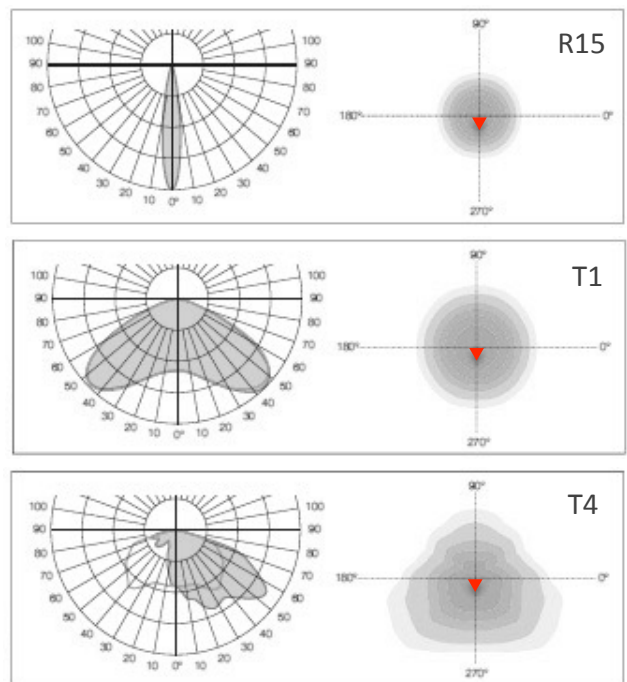
Options

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- Surge Protection Device: (SPD - 10KV_a, 20KV_a)
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Photometry Data



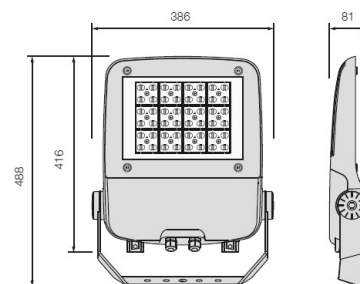
Product Code	FU.L.300W	FU.L.360W	FU.L.300W.RGB
LED Qty	120	140	140
Photometric Distribution	R15 – T1 – T4	R15 – T1 – T4	R15 – T1
System Wattage (watts)	300	360	300
Input Voltage (V)	240	240	240
Current Drive (mA)	862	887	739
CCT (K)	4000	4000	4000
CRI	Ra>70	Ra>70	Ra>70
IP Protection	IP66	IP66	IP66
IK Protection	IK09	IK09	IK09
Weight (Kg) - max.	21.2	21.2	21.2

ALDRIDGE

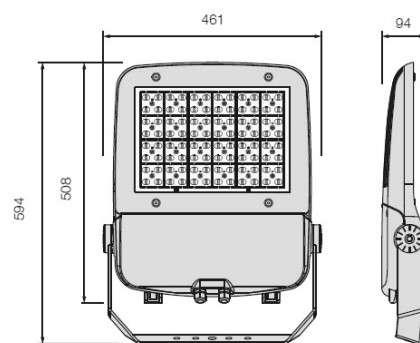
Code

Dimension

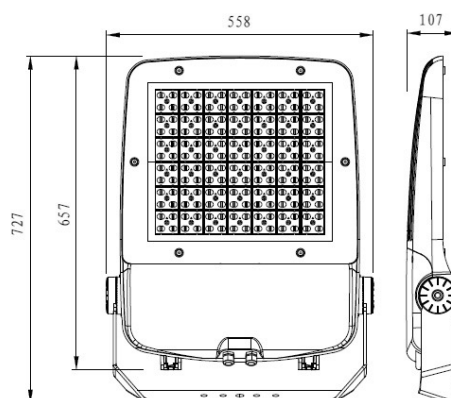
FU.S



FU.M



FU.L



fLud

Lighting Systems

ALDRIDGE

V3.61

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