

ALDRIDGE

FLUD SERIES



Tunnels, Underpasses & Ped. Crossings

Lighting the Roads and Highways Worldwide

FLUD Series

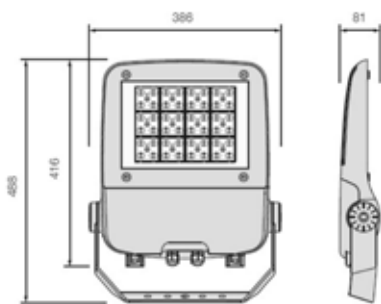
The FLUD is a High Performance, Energy Efficient, Tunnel and Underpass Lighting Luminaire.

APPLICATIONS

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



Dimensions



Features

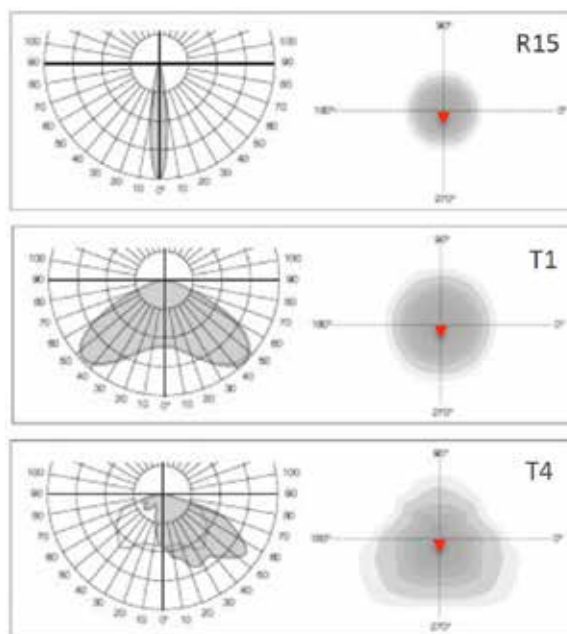
- Designed to meet stringent Australian Standards
- Suitable for Roadway, Tunnel and Landscape Applications
- Self cleaning housing and PMMA optical diffuser
- High Performance LED & Optics to meet AS/NZ1158
- Integrated thermal management
- Segregated termination point
- Hinged 'quick access latch'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

Options

- 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

Technical Data

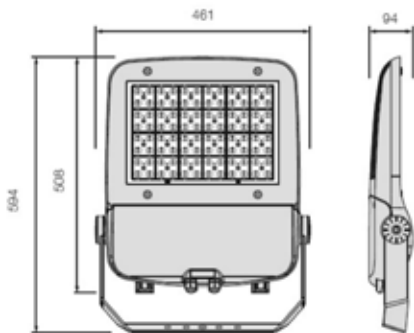
- Body:** High Pressure Marine Grade Die Cast Aluminum
- Optics:** Asymmetric - Symmetrical Distribution
- LED #:** CREE 36 - 36 - 48 - 48 (RGB)
- Wattage:** 80 - 100 - 120 & 120 (RGB) Watts
- Finishing:** Powder Coat (Grey Standard)
- Fixing:** Trunnion Mount
- IP rating:** IP66
- IK rating:** IK08
- Voltage:** 240V 50/60Hz
- Power Factor:** >0.9



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	IK08	IK08	IK08	IK08
Weight (Kg) - max.	9.2	9.2	9.2	9.2

Dimensions



Features

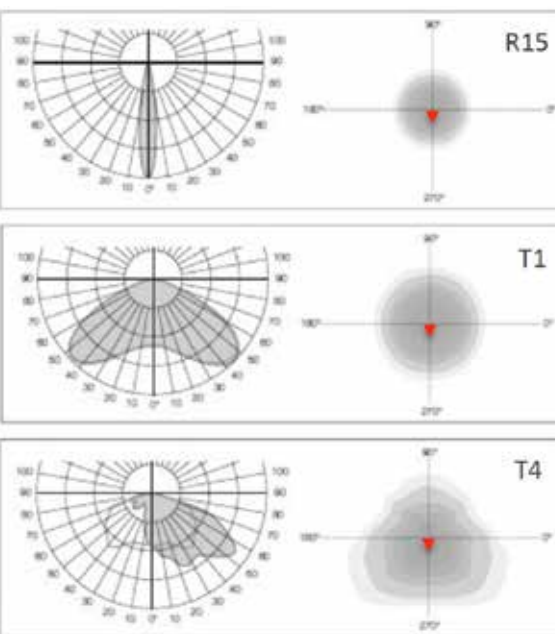
- Designed to meet stringent Australian Standards
- Suitable for Roadway, Tunnel and Landscape Applications
- Self cleaning housing and PMMA optical diffuser
- High Performance LED & Optics to meet AS/NZ1158
- Integrated thermal management
- Segregated termination point
- Hinged 'quick access latch'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

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

Technical Data

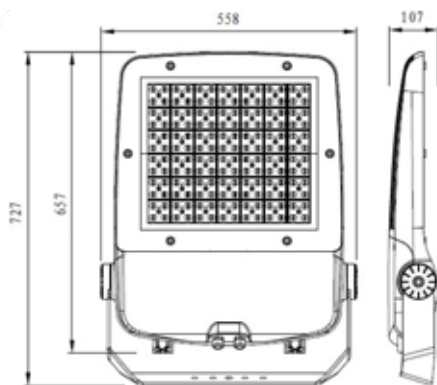
- **Body:** High Pressure Marine Grade Die Cast Aluminum
- **Optics:** Asymmetric - Symmetrical Distribution
- **LED #:** CREE 64 - 80 - 96 - 96 (RGB)
- **Wattage:** 150 - 200 - 240 - 300 (RGB) Watts
- **Finishing:** Powder Coat (Grey Standard)
- **Fixing:** Trunnion Mount
- **IP rating:** IP66
- **IK rating:** IK08
- **Voltage:** 240V 50/60Hz
- **Power Factor:** >0.9



Specification FLUD M

PRODUCT CODE	FU.M.150W	FU.M.200W	FU.M.240W	FU.M.300W
Photometric Distribution	R15 - T1 - T4	R15 - T1 - T4	R15 - T1 - T4	R15 - T1 - T4
System Wattage (watts)	150	200	240	300
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	IK08	IK08	IK08	IK08
Weight (Kg) - max.	13.3	13.4	13.4	13.4

Dimensions



Features

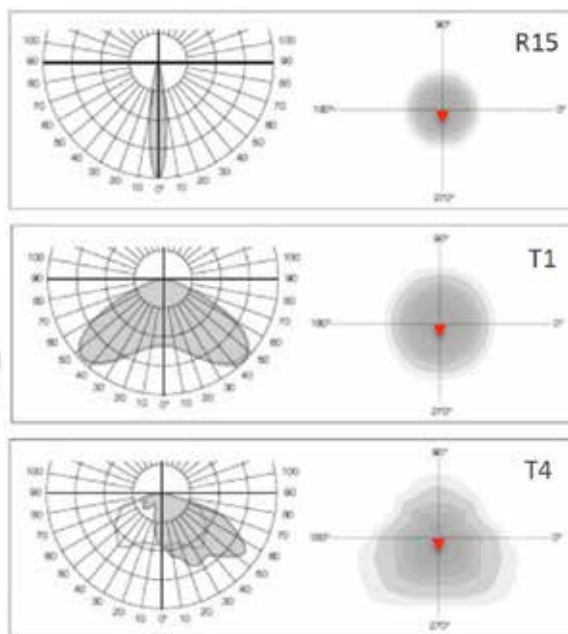
- Designed to meet stringent Australian Standards
- Suitable for Roadway, Tunnel and Landscape Applications
- Self cleaning housing and PMMA optical diffuser
- High Performance LED & Optics to meet AS/NZ1158
- Integrated thermal management
- Segregated termination point
- Hinged 'quick access latch'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

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

Technical Data

- **Body:** High Pressure Marine Grade Die Cast Aluminum
- **Optics:** Asymmetric - Symmetrical Distribution
- **LED #:** CREE 120 - 140 - 140 (RGB)
- **Wattage:** 360 - 400 - 480 (RGB) Watts
- **Finishing:** Powder Coat (Grey Standard)
- **Fixing:** Trunnion Mount
- **IP rating:** IP66
- **IK rating:** IK08
- **Voltage:** 240V 50/60Hz
- **Power Factor:** >0.9



Specification FLUD L

PRODUCT CODE	FU.L.320W	FU.L.400W	FU.L.480W
Photometric Distribution	R15 - T1 - T4	R15 - T1 - T4	R15 - T1 - T4
System Wattage (watts)	360	400	480
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	IK08	IK08	IK08
Weight (Kg) - max.	21.2	21.2	21.2

Residential Roads

TASMAN



PLED II



BERLIN



BOSTON SE



BOSTON TE



Highways and Major Roads

V-LED MKII



V-LED MKIII



BOSTON V



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 MKII



V-LED MKIII



FLUD S



FLUD M



FLUD L



FLUD X



S-LED





Aldridge Traffic Systems Pty Ltd

Unit 38, 38-46 South Street
Rydalmere NSW 2116
www.trafficltd.com.au

Before and After Installation - Hobart Tasmania

NSW

P: +61 2 9736 3677
F: +61 2 9736 3391
e: info@trafficltd.com.au

VIC

P: +61 3 9430 0222
F: +61 3 9430 0244
e: info@trafficltd.com.au

SA

P: +61 8 8362 2385
e: info@trafficltd.com.au

NT

P: +61 8 8947 0733
F: +61 8 8947 0713
e: info@trafficltd.com.au

ACT

P: +61 2 6299 7922
F: +61 2 6299 7977
e: info@trafficltd.com.au

WA

P: +61 8 9248 1002
F: +61 8 9209 2288
e: info@trafficltd.com.au

QLD

P: +61 7 3184 2000
F: +61 7 3266 2244
e: info@trafficltd.com.au

TAS

P: +61 3 6273 1177
F: +61 3 6273 1759
e: info@trafficltd.com.au

UNITED KINGDOM

P: +44 (0) 1159 223 797
F: +44 (0) 1159 223 836
e: info@aldridgetraffic.co.uk

