

# ALDRIDGE

## FLUD Series

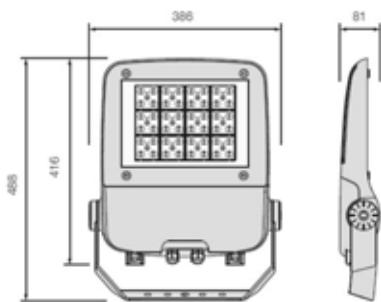
The FLUD is a High Performance, Energy Efficient, Tunnel and Underpass Lighting Luminaire

### 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

### Options

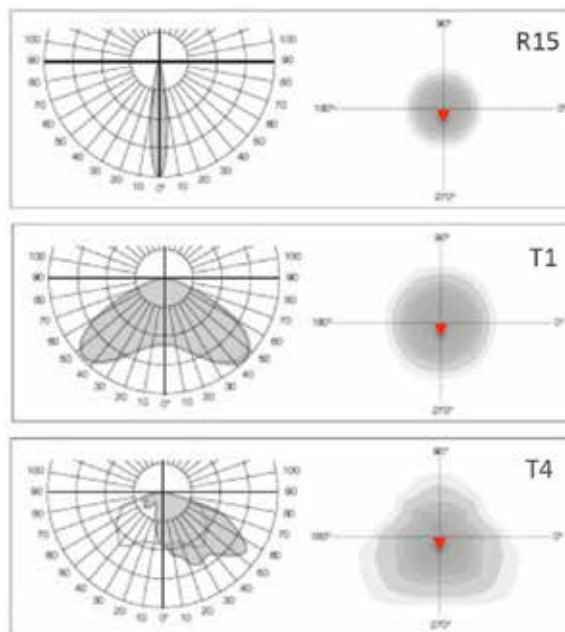
- **Photocell:** 7-pin Nema receptacle (7PN), D2 type cell (D2)
- **Fuse Terminal Block:** (FTB)
- **Surge Protection Device:** (SPD - 10KVA, 20KVA)
- **Class II:** (DB - Double Insulated)
- **Colour:** Black (BL), White (WH), Grey (GR-Standard)
- **CCT:** 3000K, 4000K (Standard), 5000K
- **Visor:** 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 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



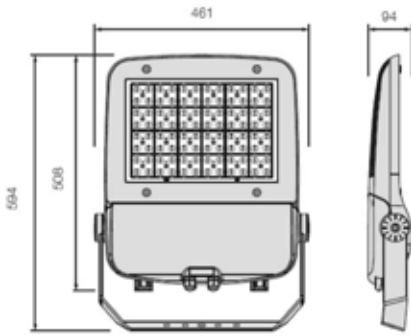
### Photometric Design Data



### 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

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- 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

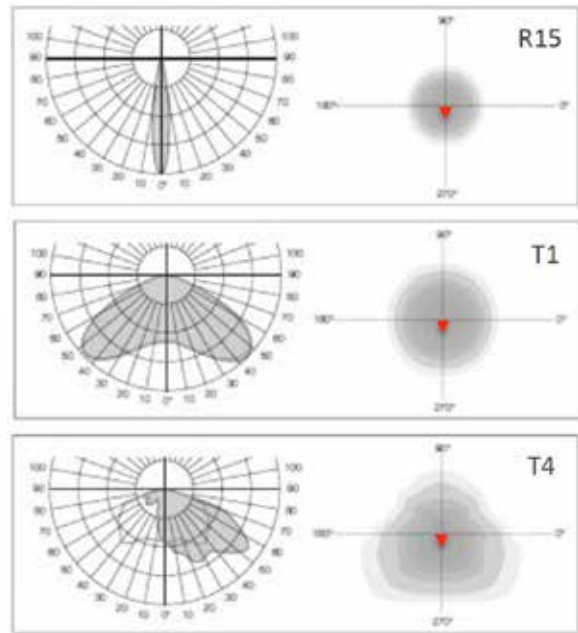
- Photocell:** 7-pin Nema receptacle (7PN), D2 type cell (D2)
- Fuse Terminal Block:** (FTB)
- Surge Protection Device:** (SPD - 10KVA, 20KVA)
- Class II:** (DB - Double Insulated)
- Colour:** Black (BL, )White (WH), Grey (GR-Standard)
- CCT:** 3000K, 4000K (Standard), 5000K
- Visor:** Glaeshield/spill 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 - 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



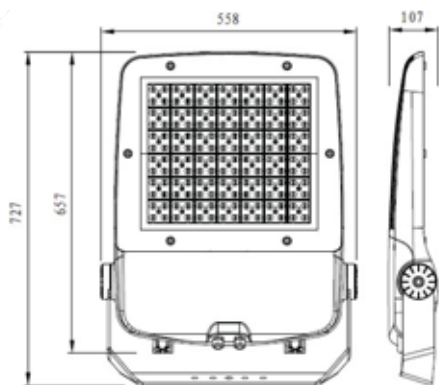
## Photometric Design Data



## 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

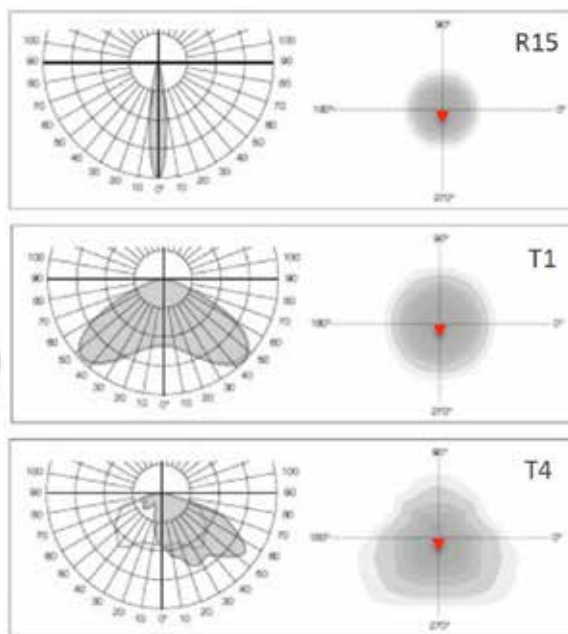
- Designed to meet stringent Australian Standards
- Suitable for Roadway, Tunnel and Landscape Applications
- Self cleaning housing and PMMA optical diffuser
- High Performance LED & Optics to meet AS/NZ1158
- Integrated thermal management
- Segregated termination point
- Hinged 'quick access latch'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

## 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:** 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



## 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