

Arpool IRIS *Bifector / Trifector*

Specification Sheet



Ordering Information

Model	Installation	Power	Color Temp.	Optics	Voltage	Options
AIM2	TM	H	30 40 RGBW	SP FL W	12 24	CX

SINGLE IRIS ENGINE CODE. FOR IRIS 2 ENGINE X2, FOR IRIS 3 ENGINE X3



Application

- Public and hotel pools
- Fountains and water feature
- Single Iris engine tilt 20° all directions
- Multiple optics combination
- Wall and stairs installation
- Installation depth up to 5m
- Max tile thickness 25mm
- Chlorine and saline environment
- Recommended installation depth 0.3m-0.6m
- DMX, DALI, 0-10V compatible

Luminaire

- Individual IRIS engine adjustable tilt
- Thermal fold back technology
- UL STD 676, submersible, IP68
- Remote power supply
- Stainless steel construction 316L marine grade
- Tempered glass, crystal clear
- Lifetime TM-21 @85C L80(12k)=72600h
- Working temperature from -25°C to 50°C
- Supplied with oil and water resistant 0.2m (7,8") feed cable standard, single color 2x0,82(18AWG)mm, RGBW 5x0,82(18AWG) with IP68 connector in the back box.

Single feed to back box

- IK10

Dimensions

- TM =245/345mm x 150mm (9.6"/13.4" x 5.9")

Power (delivered lumen output)

- H - 15W 3000/4000K, 1050lm
- H - 15W RGBW

(Single Iris engine power 15W)

IRIS 2 Total Power - 30W

IRIS 3 Total power - 45W

Color Temperature

- 30 - 3000K
- 40 - 4000K
- RGBW
- 2 Step MacAdam
- CRI: > 85

Optics

- SP - Spot - 15°
- FL - Flood - 40°
- W - Flood - 70°

Voltage

- 12 - 12Vdc fixture voltage
- 24 - 24Vdc fixture voltage

Options

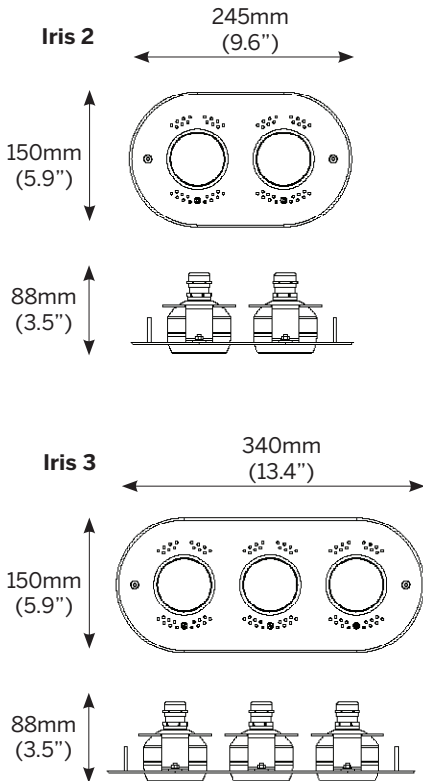
- CX - 200mm cable feed with connector

Installation housing order codes

- AIM2 - Iris 2
- AIM3 - Iris 3

Installation frame

- AIM2F - Iris 2
- AIM3F - Iris 3



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Power Supply

Power supply On/Off - 12V

- 101052 - OT30 12V P - IP67
- 101053 - OT60 12V P - IP67
- 100879 - OT120 12V P - IP67

Power supply with integrated controls - 12V

- 102345 - ELDOLED Linear Drive 100S (DXM,DALI+PS)

Controls - 12V

- 102788 - OT DMX RGBW DIM 12/24V - 89W
- 101047 - OTI DALI DIM 60W 1CH
- 101046 - OT DIM 60W (1-10V)

Power supply On/Off - 24V

- 103233 - OT60 24V P - IP67
- 103196 - OT130 24V P - IP67
- 103234 - OT250 24V P - IP67

Power supply with integrated controls - 24V

- 102345 - ELDOLED Linear Drive 100S (DXM,DALI+PS)

Controls - 24V

- 102788 - OT DMX RGBW DIM 12/24V - 183W
- 101047 - OTI DALI DIM 120W 1CH
- 101046 - OT DIM 60W (1-10V)

Click [here](#) for voltage drop and distances.

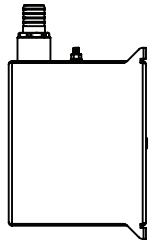
Arpool IRIS *Bifactor / Trifactor*

Dimensions

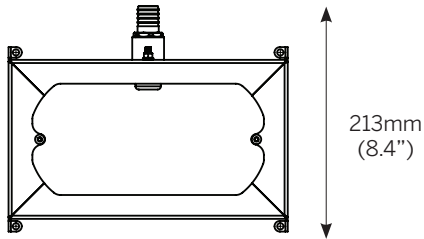
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Installation housing - AIM 2

Installation Details



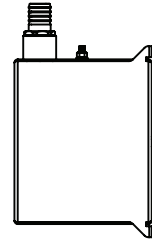
125mm
(4.9")



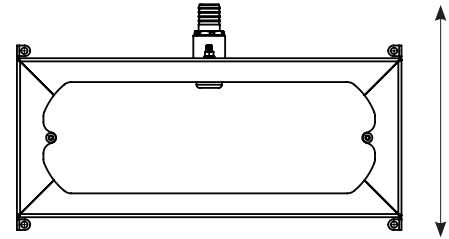
263mm
(10.4")

213mm
(8.4")

Installation housing - AIM 3



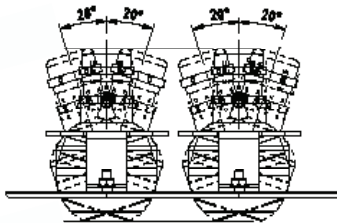
125mm
(4.9")



363mm
(14.3")

213mm
(8.4")

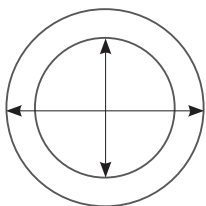
Details



360° Rotation, 20°
tilt screw adjustment



Cable conduit - standard 1.5m



30mm
(1.2")

20mm
(0.78")

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