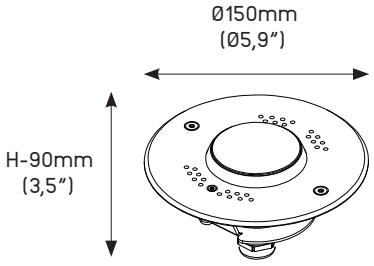
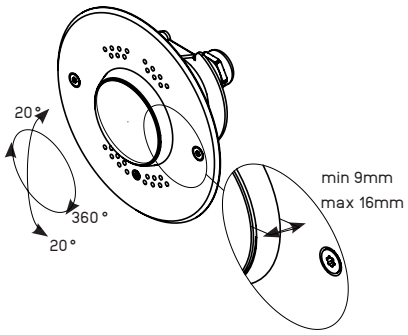
Arpool Iris Efecta

Specification Sheet



UL STD 676 swimming pool rated
CSA C22.2#89 swimming pool rated
IP68

360 ° Rotation,
20° tilt screw adjustment



Iris engine protrusion
min 9mm - max 16mm

LUMINAIRE FEATURES

Design and Application

- Installation depth max. up to 5m (16')
- Recommended installation depth 0,3m-0,6m (1'-2')
- Max tile thickness 25mm (1")
- Trim flange overlap 10mm (0,4")
- DMX, DALI, 0-10V compatible (remote)
- Floor, wall, and stairs installation
- Large and medium pools
- Fountains and water features
- Individual engine rotation 20° all directions
- Horizontal and vertical installation

Performance

- IK10, Tempered glass, crystal clear
- Chlorine and saline environment
- Stainless Steel type 316L, marine grade
- Galvanic current protection
- Thermal fold back technology
- LED Lifetime TM-21 @ 105°C L80(24K) = 145,000 hours
- Supplied with oil and water resistant 3m (10') feed cable as standard
- CRI: > 85
- 3 Step MacAdam

Safety

- Child safe - no internal access during rotation
- Remote power supply
- Low voltage operation
- Recessed installation

Sustainabilty

- Recyclable material
- Replaceable engine (page 3)

Installation housing

- AIE - Iris Efecta

Power suplies

- List of proposed power supplies that are to be ordered separately.
- Click here for list of available drivers..
- Click here for voltage drop and distances.

Click here to download fixure instalation manual.
Click here to download housing instalation manual.
Click here to download CAD file.
Click here to download IES-LTD data.

Arpool Iris Efecta

ORDERING INFORMATION

	MODEL	
●	AIE	
	APLICATION	
○	TM	• TM - Ø150mm x H-90mm (Ø5,5" x L-3,5")
	POWER	
○	H	• H - 15W 3000/4000K, 1200lm
		• H - 15W RGBW
	COLOR TEMP.	
○	27	• 27 - 2700K
○	30	• 30 - 3000K
○	40	• 40 - 4000K
○	TW	• TW - Tunable white (2200-4000K)
○	RGBW	• RGBW (W 4000K)
	OPTICS	
○	SP	• SP - Spot - 15°
○	FL	• FL - Flood - 40°
○	W	• W - Wide - 70°
	VOLTAGE	
○	12	• 12 - 12VDC fixture voltage
○	24	• 24 - 24VDC fixture voltage
	OPTIONS	
○	3	• 3* - standard feed cable 3m (10')
○	6	• 6 - luminaire supplied with 6m (20') feed cable
○	9	• 9 - luminaire supplied with 9m (30') feed cable
○	20	• 20 - luminaire supplied with 20m (65') feed cable
	GLARE CONTROL	
○	1	• 1 - Half moon

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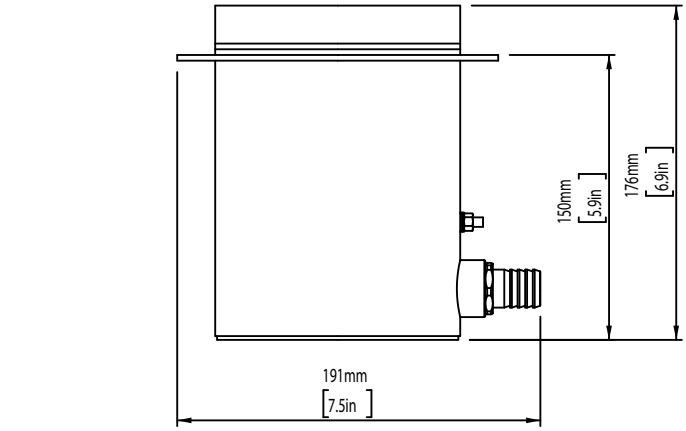
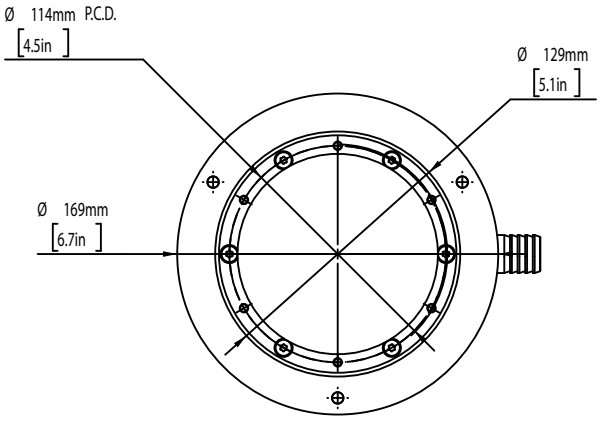
HOUSING

Installation housing - FAIE * fits 1m (3") cable
Concrete Pool Installation





REPLACEABLE ENGINE

	MODEL
●	IE
	POWER
○	H
	COLOR TEMP.
○	30
○	40
○	RGBW
	OPTICS
○	SP
○	FL
○	W
	VOLTAGE
○	12
○	24
	OPTIONS
○	X

*Replaceable Iris engine - code for single Iris engine unit to be order separatelly in the following cases:

- Servicing
- Customization (optical and color variations - excluding RGBW)

Note:
For details on specific depths, tiling thickness and other please refer to both Installation instructions for fixture and housing.