Flush Mounted Compact LED Light - FMCLED Series
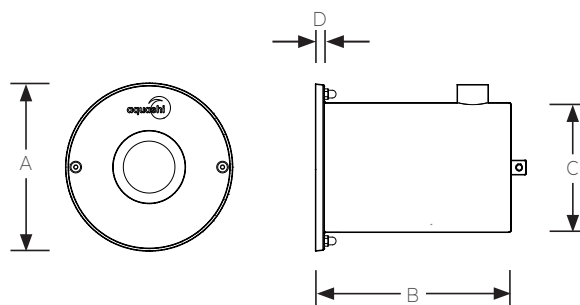
Function

Flush mounted compact LED Lights are suitable for water features, jacuzzi and swimming pools. The LED illumination comes with options of warm white, cool white or RGBW LED lighting. The stainless steel fixture is corrosion resistant. Its mirror finish and compact size make it suitable to be used in small and shallow water features. Available in white LED as on/off control for non-sequencing fountains or as optional DMX control or DALI control for sequenced fountains.

The stainless steel niche provides flush mounted installation with pool wall, Interior space for the length of cable to be coiled in order to allow for future maintenance of light without having to drain the pool.

Specifications

Power
5W - 8W

Operating Voltage
24V DC

Min. - Max Voltage
18V DC - 30V DC

Operating mode:
Constant Current

Colours
RGBW / White

No. of LED
1

RGBW LED type
4 in 1 Cree LED

Beam Angle:
45° as standard/ Optional 15° lens
(custom lens available upon request)

Dimmable:
DMX control
DALI control

Reverse polarity protection: Yes

Transient spike protection: Yes

High temperature protection: Yes

EMC complaint: Yes

Cable
4 C - 1 mm² (DMX light)
2 C - 1.5 mm² (White light)

Standard Cable Length
1.5 m (H07RN-F)
(Custom length available on request)

Material:
Stainless steel 316

Front Cover:
Polycarbonate clear cover
with UV Protection

Protection Rating:
IP 68, IK 10

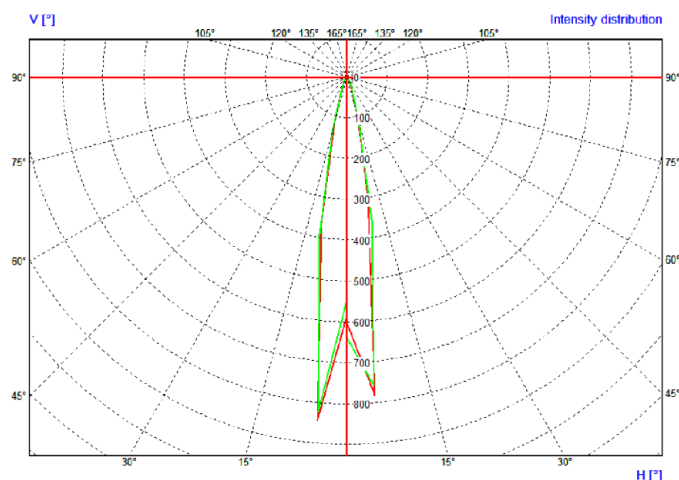| Model No.	Description	Material	Colour	Control	Power (W)	Luminous flux (lm)	A (mm)	B (mm)	C (mm)	D (mm)
FMCLED-S006	RGBW Flush Mounted Compact LED Light	Stainless steel 316	RGBW	DMX	8	126	129	158	100	7
FMCLED-S010	Cool white Flush Mounted Compact LED Light	Stainless steel 316	Cool white	On/off	5	291	129	158	100	7
FMCLED-S011	Warm white Flush Mounted Compact LED Light	Stainless steel 316	Warm white	On/off	5	228	129	158	100	7

* Add suffix DMX to model number to order DMX controlled white light. i.e. FMCLED-S011-DMX
* Add suffix DALI to model number to order DALI controlled white light. i.e. FMCLED-S011-DALI
* Add suffix AUTO to model number to order Auto colour changing effect for RGBW light. i.e. FMCLED-S006-AUTO

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F Photometric Polar diagram: (RGBW)

FMCLED-010 - Cool White
Colour Rendering Index [CRI] - 76.9
Correlated Colour Temperature (K) [CCT] - 5200
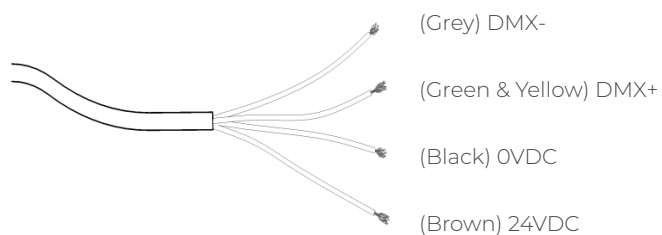
FMCLED-011 - Warm White
Colour Rendering Index [CRI] - 87.3
Correlated Colour Temperature (K) [CCT] - 3086
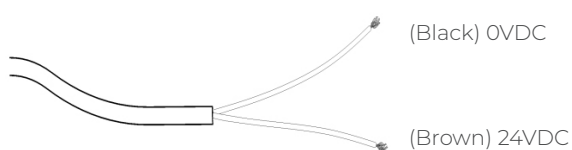
*IES files available on request.
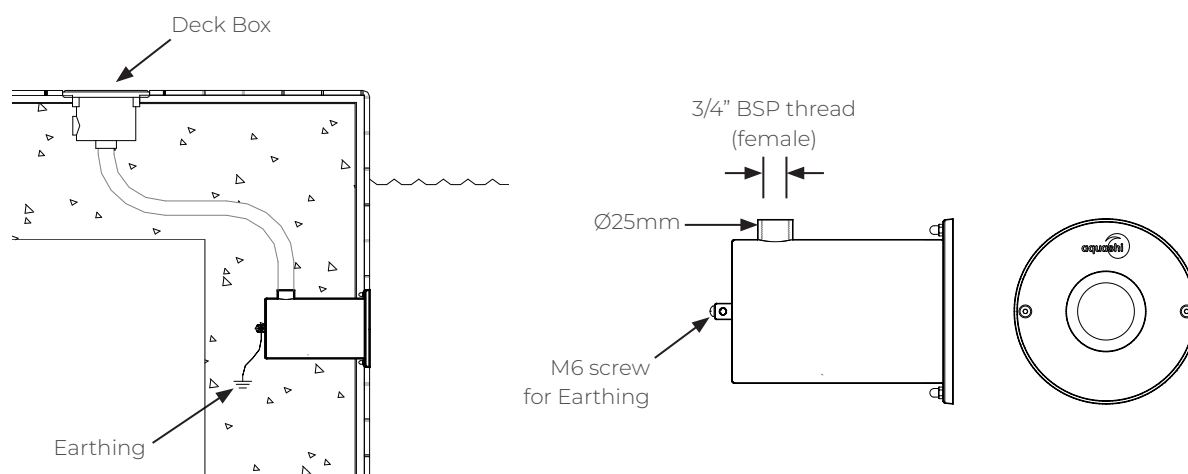
Connection Diagram

RGBW Light Cable

(Grey) DMX-

(Green & Yellow) DMX+

(Black) 0VDC

(Brown) 24VDC

** DALI cable Connection on request.

Warm White/ Cool White Light Cable

(Black) 0VDC

(Brown) 24VDC

Typical Installation

Deck Box

Earthing

3/4" BSP thread (female)

Ø25mm

M6 screw for Earthing

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