Flush Mounted Compact LED Light - FMCLED Series

Function

Flush mounted compact LED Lights are suitable for water features, jacuzzis 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. DMX controlled white light are dimmable as well as sequencing.

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

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

RGBW LED type
4 in 1 Cree LED

Dimmable:
DMX control
(0-10V DC available upon request)

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
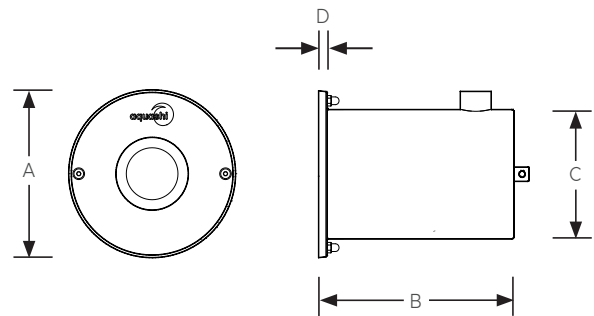1.5 m
(Custom length available on request)

Material:
Stainless steel 316

Front Cover:
Polycarbonate clear cover
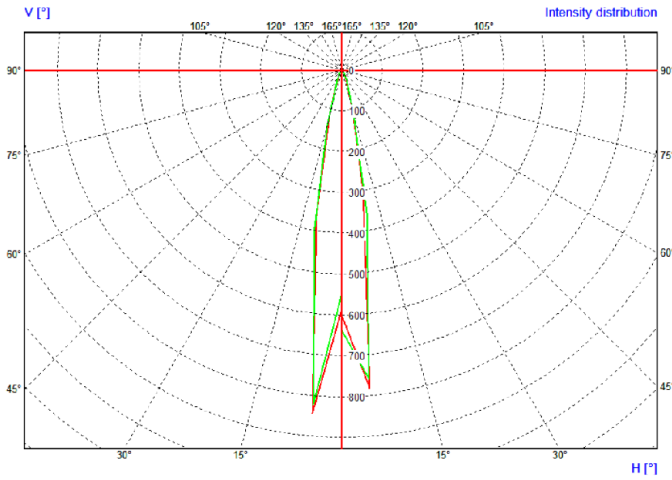with UV Potection

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	222	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 AUTO to model number to order Auto colour changing effect for RGBW light. i.e. FMCLED-S006-AUTO

Flush Mounted Compact LED Light	FMCLED Series	Model No. FMCLED	Rev. 2	
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F Photometric Polar diagram: (RGBW)

FMCLED-010 - Cool White
Color Rendering Index [CRI] - 76.9
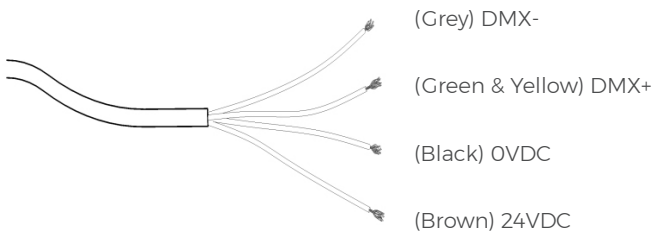Correlated Color Temperature (K) [CCT] - 5200

FMCLED-011 - Warm White
Color Rendering Index [CRI] - 87.3
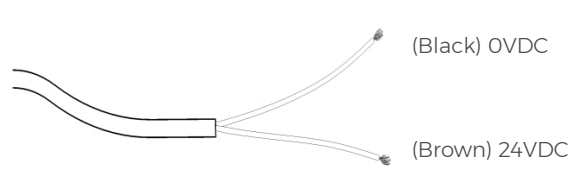Correlated Color Temperature (K) [CCT] - 3086
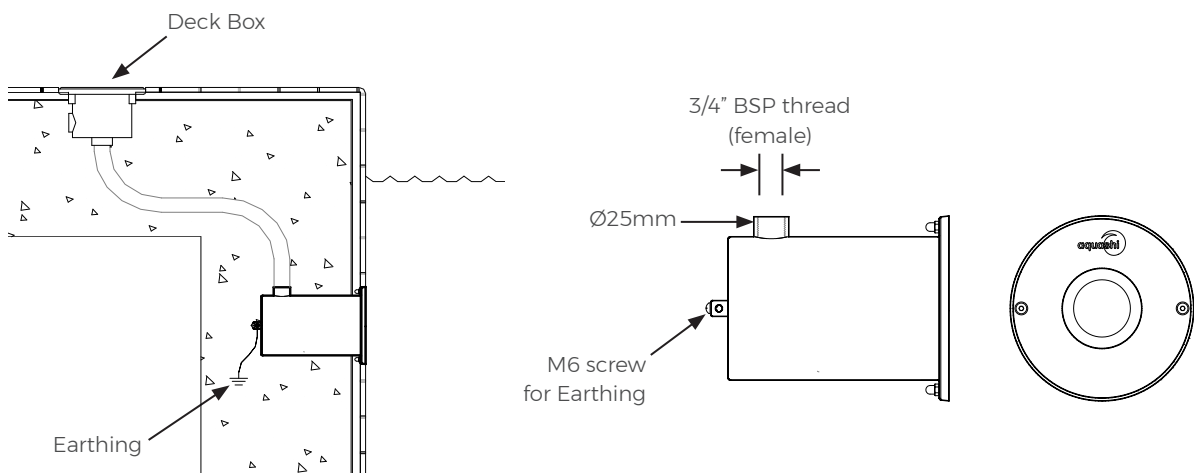
*IES files available on request.

Connection Diagram

RGBW Light Cable

(Grey) DMX-

(Green & Yellow) DMX+

(Black) 0VDC

(Brown) 24VDC

Warm White/ Cool White Light Cable

(Black) 0VDC

(Brown) 24VDC

Typical Installation

Deck Box

3/4" BSP thread
(female)

Ø25mm

M6 screw
for Earthing

Earthing

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