

# Flush Mounted Mini LED Light - FMMLLED Series

## Function

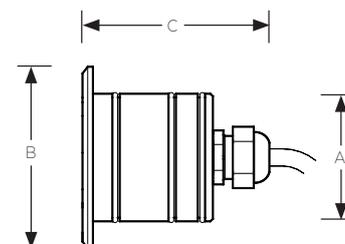
The Flush mounted mini LED lights are suitable for architectural lighting in swimming pools and water features. The light fixture can be installed using the stainless steel niche or into a 2" UPVC fitted pipe for custom or retrofit installation.

Available in 5W white or 8W RGBW (DMX controlled). Each DMX controlled light is supplied with an individual address making it ideal for use with sequenced fountain system. Available in white LED as on/off control for non-sequencing fountains or as optional DMX control or DALI control for sequenced fountains. Auto colour changing available for DMX controlled RGBW lights. DMX and DALI control options for white lights are dimmable as well as sequencing.



## Specifications

<b>Power</b> 5W - 8W	<b>Reverse polarity protection:</b> Yes
<b>Operating Voltage</b> 24V DC	<b>Transient spike protection:</b> Yes
<b>Min. - Max Voltage</b> 18V DC - 30V DC	<b>High temperature protection:</b> Yes
<b>Operating mode:</b> Constant Current	<b>EMC complaint:</b> Yes
<b>Colours</b> RGBW / White	<b>Cable</b> 4 C - 1 mm <sup>2</sup> (DMX light) 2 C - 1.5 mm <sup>2</sup> (White light)
<b>No. of LED</b> 1	<b>Standard Cable Length</b> 1.5 m (H07RN-F) (Custom length available on request)
<b>Beam Angle:</b> 45° as standard/ Optional 15° lens (custom lens available upon request)	<b>Material:</b> Brass / Stainless steel 316
<b>RGBW LED type</b> 4 in 1 Cree LED	<b>Front Cover:</b> Polycarbonate clear cover with UV Protection
<b>Dimmable:</b> DMX control DALI control	<b>Protection Rating:</b> IP 68, IK 10

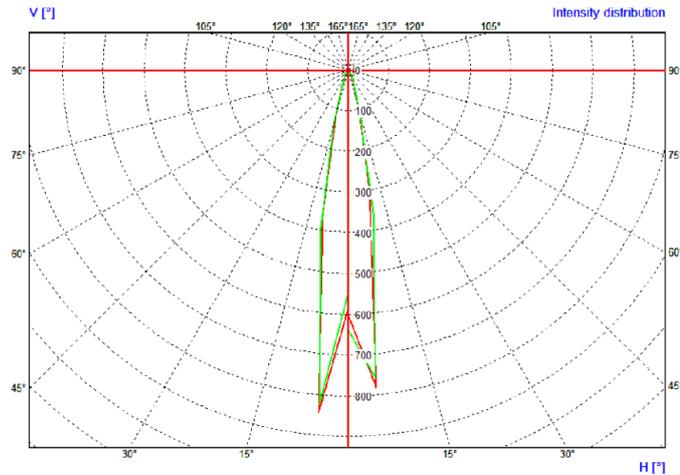


Model No.	Description	Material	Colour	Control	Power (W)	Luminous flux (lm)	A (mm)	B (mm)	C (mm)
FMMLED-S006	RGBW Flush Mounted Mini LED light	Stainless steel 316	RGBW	DMX	8	126	52	74	72
FMMLED-S010	Cool white Flush Mounted Mini LED light	Stainless steel 316	Cool white (5200K)	On/off	5	291	52	74	72
FMMLED-S011	Warm white Flush Mounted Mini LED light	Stainless steel 316	Warm white (3000K)	On/off	5	228	52	74	72

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

Flush Mounted Mini LED Light	FMMLED Series	Model No. FMMLED	Rev. 4	
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F Photometric Polar diagram: (RGBW)

**FMMLED-010 - Cool White**

Colour Rendering Index [ CRI ] - 76.9  
Correlated Colour Temperature (K) [ CCT ] - 5200

**FMMLED-011 - Warm White**

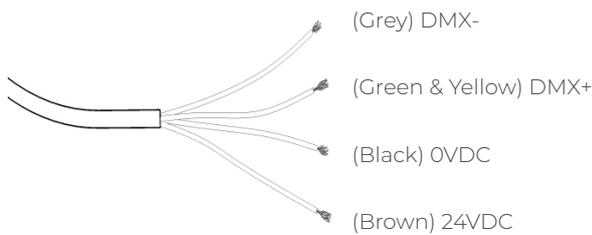
Colour Rendering Index [ CRI ] - 87.3  
Correlated Colour Temperature (K) [ CCT ] - 3086

(Custom color temperature available upon request)

\*IES files available on request.

## Connection Diagram

**RGBW Light Cable / DMX controlled white light**

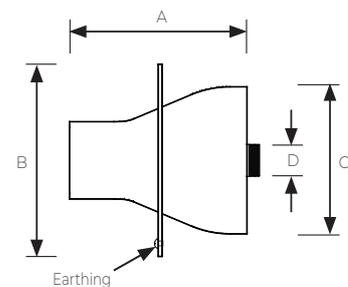
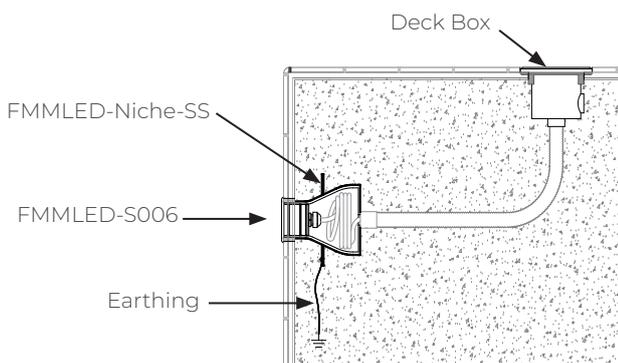


\*\* DALI cable Connection on request.

**Warm White/ Cool White Light Cable**



## Typical Installation



**FMMLED Niche**

Model No.	A (mm)	B (mm)	C (mm)	D (BSP)
FMMLED-Niche-SS	140	150	115	3/4"

## Accessories



**FMMLED-Niche-SS**  
\* Niche for FMMLED  
(Available upon request)

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