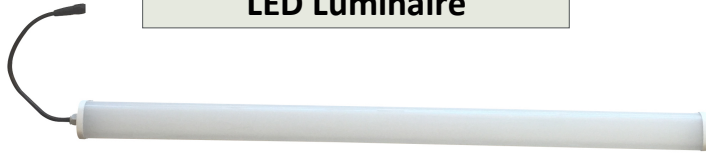




# IP66 Vapor Tight LED Luminaire



Non-Linking Model Shown



Legacy DLC 5.0 Listings  
Dimming Products = DLC Premium  
Non Dimming Products = DLC Standard  
DLC 5.1 Listings (Dimming) - Standard  
See [www.ledstick.net/resources](http://www.ledstick.net/resources) for  
DLC 5.0 and 5.1 Product ID Lists

The Hangzhou LMenergysolution Lighting Company, Ltd., **LMW IP66 Linear LED Luminaire** is the most innovative 2' and 4' IP66 wet location/vapor tight luminaire on the market. The simple one-piece design offers the narrowest and shallowest housing in class, delivering from 1681 and 7491 lumens at up to an industry leading 171 LPW. Designed with the contractor, electrician and maintenance person in mind, the LMW is simple to install for both surface mount and with aircraft wire hangers. The polycarbonate body and acrylic lens (frosted and clear) provide for an attractive, yet durable luminaire for even the most challenging of environments. The LMW can be linked with a maximum power whip load of 4.3 amps. Linkable and non-linking models are available.

Stocked DLC Model Numbers	Kelvin	0-10VDC Dimming	Watts	Frosted Lens Lumens/LPW
LMW436-DIM-F-5000K	5000K	Yes	36	5128/142
LMW448-DIM-F-5000K	5000K	Yes	48	6671/140

Special Order DLC Model Numbers (X=F/C, XXXX=Kelvin )	Kelvin	0-10VDC Dimming	Watts	Frosted Lens Lumens/LPW
LMW212-DIM-X-XXXXK	4000, 5000K	Yes	12	1681/146
LMW412-DIM-X-XXXXK	4000, 5000K	Yes	11	1734/152
LMW418-DIM-X-XXXXK	4000, 5000K	Yes	19	2728/143
LMW424-DIM-X-XXXXK	4000, 5000K	Yes	25	3645/143
LMW430-DIM-X-XXXXK	4000, 5000K	Yes	31	4302/141
LMW432-DIM-X-XXXXK	4000, 5000K	Yes	33	4629/140
LMW436-DIM-X-XXXXK	4000, 5000K	Yes	36	5128/142
LMW442-DIM-X-XXXXK	4000, 5000K	Yes	43	5944/140
LMW448-DIM-X-XXXXK	4000, 5000K	Yes	48	6671/140

**Non-Linking option is available by adding "NL" to the end of the model number**  
**IP51 Model with power whip in then center of the fixture, add "CM" to the end of the model number**

## Technical Specification

<b>Dimension &amp; Weight:</b> 2' – 22.5 (L) 3 (W) 3 (H) 1.52 lbs. (29.5" including both connectors) 4' – 45 (L) 3 (W) 3 (H) 2.49 lbs. (52" including both connectors) <b>Construction:</b> Polycarbonate Body and Lens <b>Environment:</b> Indoor/Outdoor Use – Wet (IP66) <b>Kelvin:</b> 4000K & 5000K <b>CRI:</b> Greater than 80 <b>0-10VDC Dimming</b> – Yes                      Linkable to 4.3 amps	<b>Operating Temperature:</b> -20 to 55°C (-4 to 125°F) <b>Rated Life @ 55°C:</b> >65,000 hours <b>Lumen Maintenance @ 55°C:</b> 98.89% <b>THD:</b> <23% <b>Input Voltage:</b> 120 - 277VAC <b>Power Factor:</b> >0.9 <b>Beam Angle:</b> 120° <b>Warranty:</b> 7 Years
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**LEDSTICK**  
COMPANY  
**(888) 927-4LED**  
[www.ledstick.net](http://www.ledstick.net)

7 Year Non-Prorated Warranty



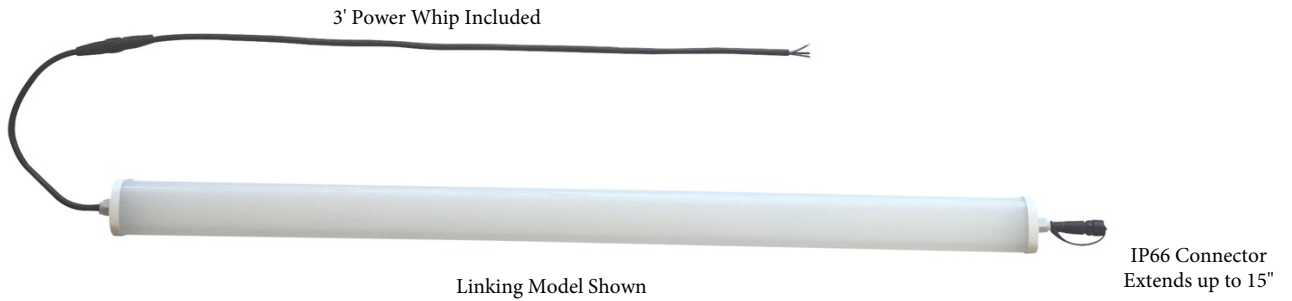
Hangzhou LMenergysolution recommends Transient Voltage Surge Suppression (TVSS) on circuits controlling LED lighting. If warranty claims exceed 0.5% of installed lights and the lights are not protected by a TVSS, the warranty may be voided, resulting in denied claims. Always check for an Open Neutral. Voltage and current on the neutral is dangerous and can cause LED failure and void the warranty.

LMW product worldwide is manufactured by Hangzhou LMenergysolution Lighting Co. LTD.  
U.S. Patent Number: 9046244 / 9322532

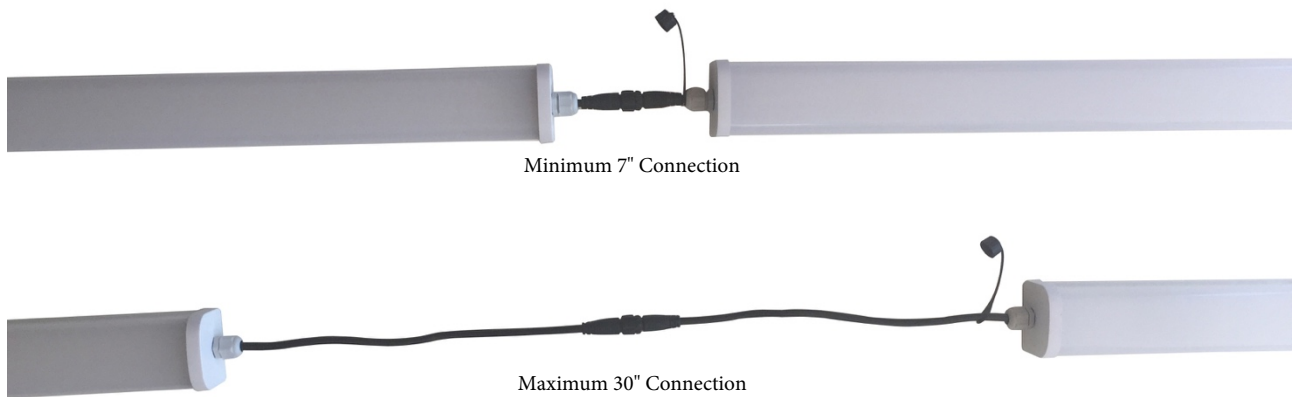
# LMW – IP66 Vapor Tight Installation - Linking Models

Power whip can carry a maximum load of 4.3 amps (for linked fixtures)

The power whip has a four wire (Black, White, Purple, Gray) open pig tail and a waterproof female connector. Connect power whip to the LMW male connector. The male connector can extend from 3.5" to 15" inches from the end of fixture.



Connectors can be extended to a maximum of 15" from the end of the fixture. The connectors extend a minimum of 3.5" from the end of the fixture. Minimum mounting distance between ends of fixture is seven (7) inches. Maximum distance between ends of fixtures is thirty (30) inches.



The LMW is mounted using the two included snap-on metal clips.

