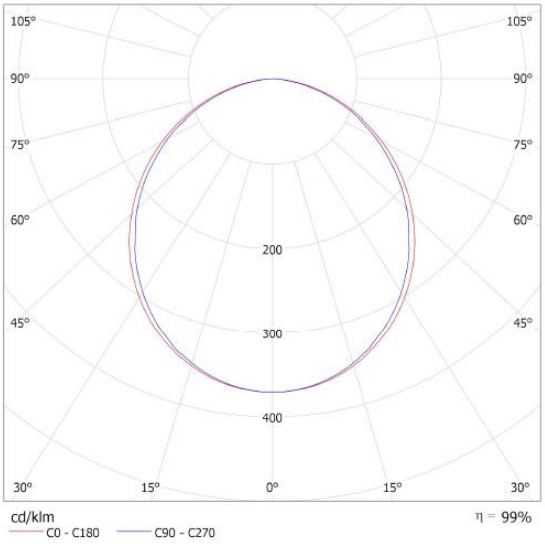
SUPERPROOF

IP67 LED LIGHT

IP67 IK10

FEATURES



- Small size, high lumen output, easy for mounting in limited space
- 2mm thick PC milky protective lens, aluminum tray inside, high strength endcap design with multi-layer waterproof structure
- C5M anticorrosive, IEC 60721-3-3 3M5 vibration resistant
- High impact resistant class and waterproof rating
- Ideal for wind towers, platforms, nacelles and hubs in onshore and offshore windmills

No.89-3, Xiyuan Road, Xinyang Industrial Zone, Haicang, 361028 Xiamen, China. *Web: www.phenixlighting.com*
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CHARACTERISTICS

Product name	SPF ST 2FT	SPF ST 4FT
Item No.	LL16C30	LL16C60
Description	Light, LED, Standard SW/CW	
Input voltage	100-277VAC 50/60Hz	
Input power	30W	60W
Nominal current	0.3A	0.6A
Operation temp.	-35~55°C	
Survival temp.	-40°C~60°C	
Lamp type	LED SMD, 4000-6000K	
Normal lumen output	2300LM	4500LM
Meas. mm [inch]	L815 [32.09] x W40 [1.57] x H40 [1.57], Mounting center: 780 [30.71] / 855 [33.66]	L1360 [53.54] x 40 [1.57] x H40 [1.57], Mounting center: 1325 [52.17] / 1400 [55.12]

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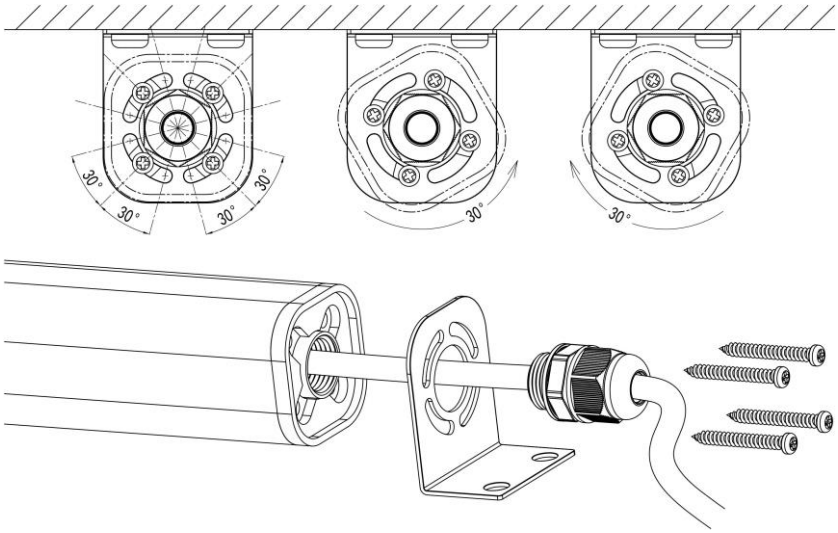
MOUNTING PARTS

- Ω Springs clip

without magnet

with magnet

- L multi-angle fixing part



- Suspension system

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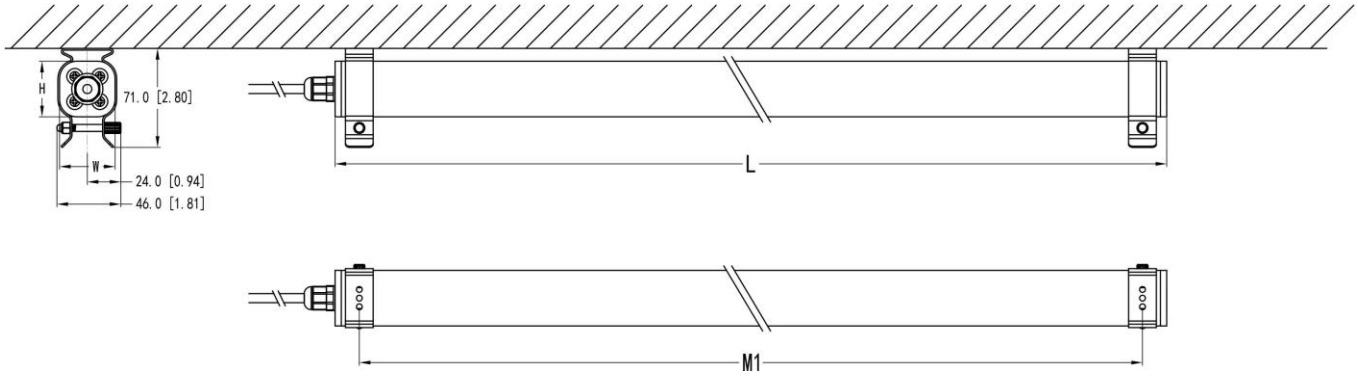
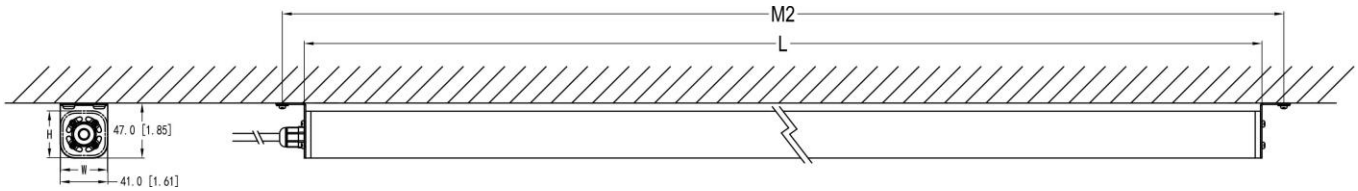
DIMENSIONS

1. Single Mounting

Ω Springs clip



L multi-angle fixing part



Item No.	L mm [inch]	Max. M1 mm [inch]	M2 mm [inch]	W mm [inch]	H mm [inch]
LL16C30	815 [32.09]	780 [30.71]	855 [33.66]	40 [1.57]	40 [1.57]
LL16C60	1360 [53.54]	1325 [52.17]	1400 [55.12]	40 [1.57]	40 [1.57]

Notes:

1. Dimension unit: mm [inch]
2. Dimension tolerance: +/-1 [0.04]

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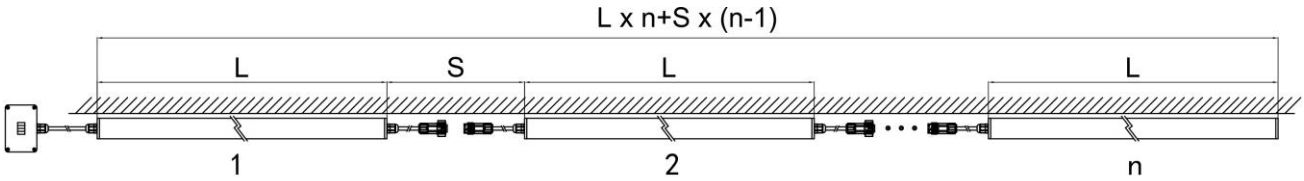
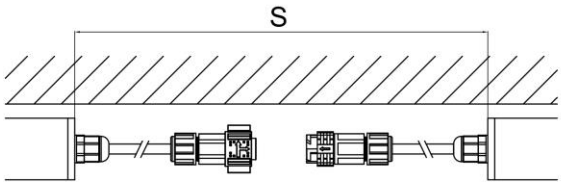
2. Linkable Mounting





Item No.	L mm [inch]	S mm [inch]	W mm [inch]	H mm [inch]	Total Linkable Power
LL16C30	815 [32.09]	200 [7.87]	40 [1.57]	40 [1.57]	⩽450W
LL16C60	1360 [53.54]	200 [7.87]	40 [1.57]	40 [1.57]	⩽450W

Notes:

1. Dimension unit: mm [inch]
2. Dimension tolerance: +/-1 [0.04]

Head Light

Middle Light

End Light

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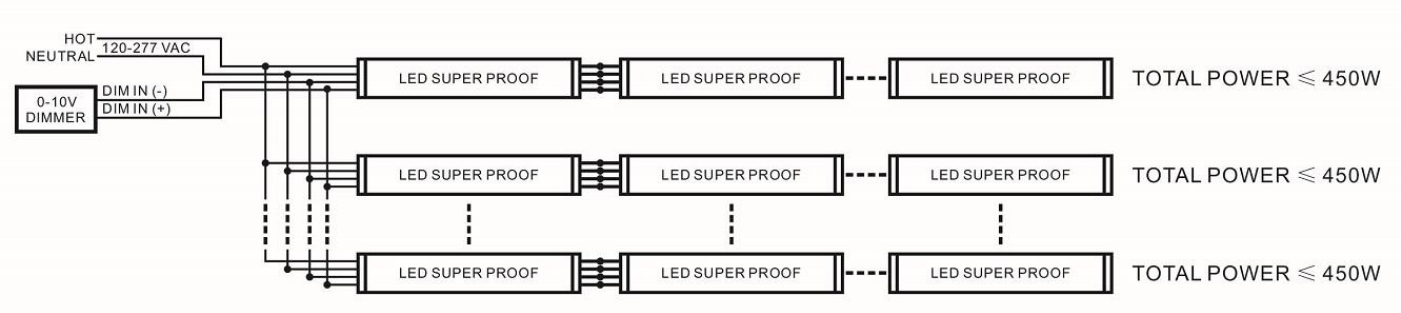
WIRING DIAGRAMS

Standard Lighting System:

Input: 100-277V AC, with Max. 2x1.0 sq.mm power
Recommended Max. linkable quantity: LL16C30: 15pcs; LL16C60: 7pcs



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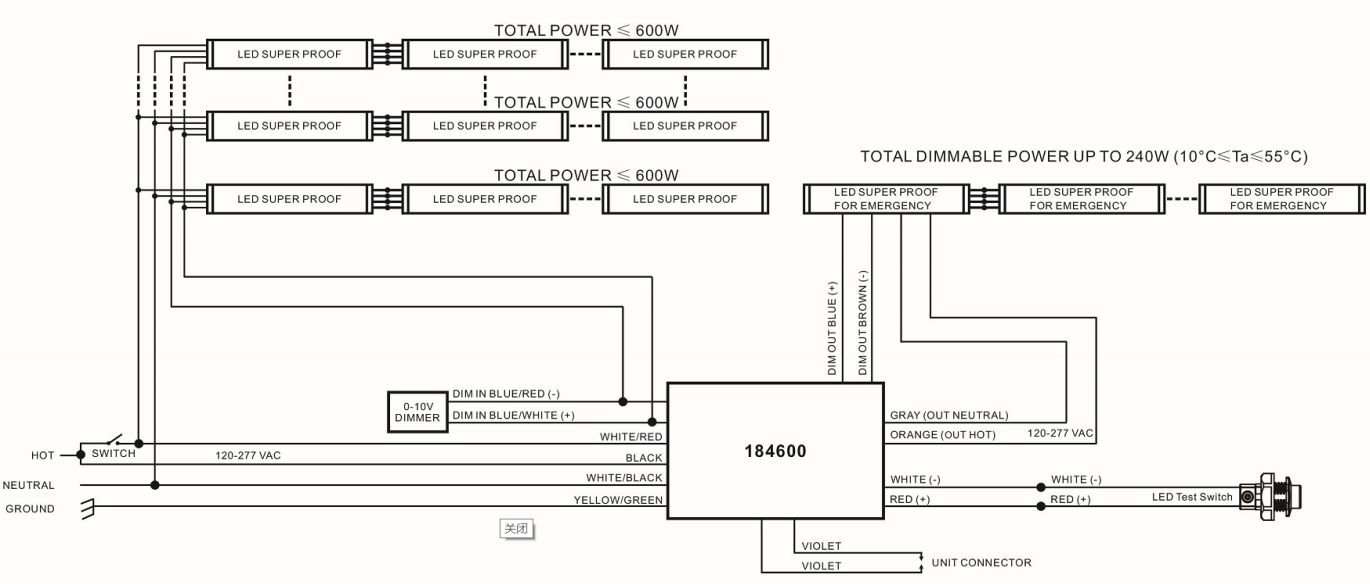
WIRING DIAGRAMS

Emergency Lighting System

Input: 100-277V AC, with Max. 4x0.75 sq.mm power
Recommended linkable load quantity:
LL16C30: 8pcs; Normal power: 30W; Emergency power: 4.5W; Emergency time: over 90 minutes
LL16C60: 4pcs; Normal power: 60W; Emergency power: 9W; Emergency time: over 90 minutes



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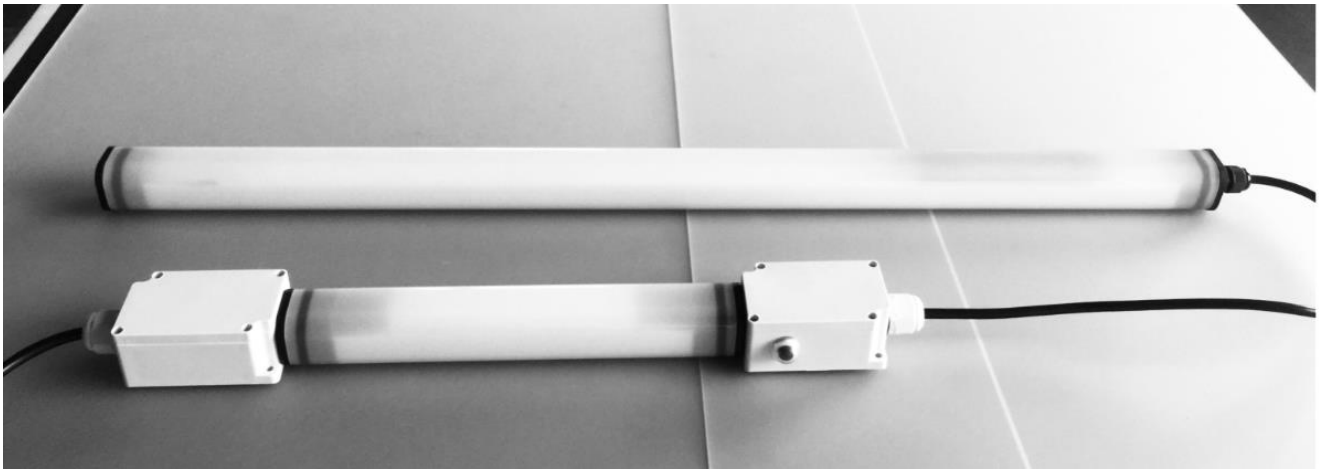
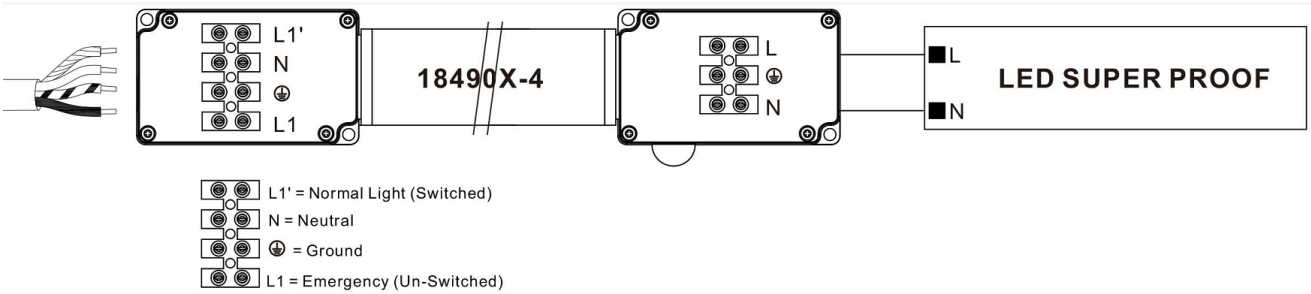
WIRING DIAGRAMS

Emergency Lighting System
With 18490X-4 Linear Emergency Equipment

Input: 100-277V AC, with Max. 4x0.75 sq.mm power
Recommended configuration:
LL16C30 + 184900-4：Normal power: 30W; Emergency power: 4W; Emergency time: over 90 minutes
LL16C60 + 184901-4; Normal power: 60W; Emergency power: 9W; Emergency time: over 90 minutes





L1' = Normal Light (Switched)
N = Neutral
= Ground
L1 = Emergency (Un-Switched)

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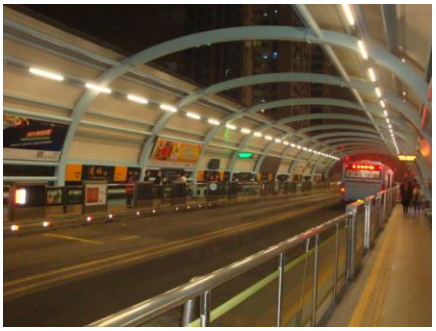
Wind Power or Ships

- **Garages**

- **Light boxes**

- **Any other harsh indoor and outdoor locations**



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