



香港認證中心

**The Hong Kong Certification Centre Ltd**  
**HONG KONG SAFETY MARK LICENSE**

Product Certification Scheme for LED Lighting Products

|                        |  |                       |   |
|------------------------|--|-----------------------|---|
| <b>License Number:</b> | L20001B  | <b>Date of Issue:</b> | 2018-04-20  |
| <b>Issued To:</b>      | Ecotech Environmental Technology Ltd<br>Room 3505, 35 <sup>th</sup> Floor, King Palace Plaza, 52A Sha Tsui Road, Tsuen Wan, New Territories, Hong Kong | <b>Manufacturer:</b>  | Hunan Lanlv Photoelectric Technology Co. Ltd<br>No. 4, Lin Yin Road, German Industrial Park, High-Tech Zone, Xiangtan City, Hunan Province, China |

The products listed below have been evaluated and found to comply with the applicable standards and requirements in the Product Certification Scheme for LED Lighting Products, Issue III, dated 8<sup>th</sup> August, 2014.

Issued By : Richard Fung  
Managing Director

For and on behalf of  
The Hong Kong Certification Centre Limited



| <u>Product Category</u> | <u>Product</u>         | <u>Types / Models</u> | <u>Rating</u>             |
|-------------------------|------------------------|-----------------------|---------------------------|
| LED Bulkhead            | LED Eco-bulkhead light | ECO-BH182835FPA       | 110-240V 50/60Hz 18W IP64 |
|                         |                        | ECO-BH092835FPA       | 110-240V 50/60Hz 9W IP64  |

**Applicable standard(s) / requirement(s)**

|                                       |  |
|---------------------------------------|--|
| IEC60598-1:2008                       | Luminaires - Part 1: General requirements and tests  |
| IEC60598-2-1:1979+A1:1987             | Luminaires. Part 2: Particular requirements. Section One: Fixed general purpose luminaires   |
| CISPR15:2005+A1:2006<br>+A2:2008      | Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment  |
| IEC61547:2009                         | Equipment for general lighting purposes - EMC immunity requirements  |
| IEC61000-3-2:2005<br>+A1:2008+A2:2009 | Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)  |
| IEC61000-3-3:2008                     | Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection |
| IEC62471:2006                         | Photobiological safety of lamps and lamp systems   |
| IES LM-79:2008                        | Electrical and Photometric Measurements of Solid-State Lighting Products   |
| IES LM-80:2008                        | Measuring Lumen Maintenance of LED Light Sources   |
| Performance test                      | Annex B.1 "LED in situ TMPLD temperature measurement and requirement" of the LED Lighting Product Certification Scheme Issue III   |
| Supplementary requirements            | Table A.2.1 Note 2 & 4 of the LED Lighting Product Certification Scheme Issue III  |

*Product certification system is Type no. 5 as defined in ISO/IEC 17067:2013.*

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