

Certificate of Conformity

The below product has been found to comply with the relevant standard(s) in accordance with Product Certification Scheme for LED Lighting Products (Issue IV, Revision 1 on 28th May, 2019) issued by the Hong Kong Electronic Industries Association. **Note: This certificate supersedes previous certificate with certification number HK-LEDLPCB-0000004 dated 26 Apr 2017 due to standard update.**

Name & Address of Supplier:

GELEC (HK) Limited
Unit 905B-908, Tower A, Manulife Financial Centre, 223 Wai Yip Street,
Kowloon, Hong Kong

Name & Address of Manufacturer:

Jiangmen Guanying Electronics Co. Ltd
Shuijing Ling District, Jin Xi, Wai Hai Town, Jiang Men City, Guangdong, P.R.
China

Product

- **Name:** LED bulkhead luminaire
- **Brand name:** GELEC
- **Model number:** BHT-S2110/Z-Led; BHT-S1110/Z-Led

Relevant Standard(s):

IEC 60598-1: 2014, Luminaires – Part 1: General requirements and tests
IEC 60598-2-1: 1979 + A1 : 1987, Luminaires – Part 2: Particular requirements. Section One: Fixed general purpose luminaires
IEC 62471: 2006, Photobiological safety of lamps and lamp systems
CISPR 15:2013+IS1:2013+IS2:2013, Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
IEC 61000-3-2: 2014, Electromagnetic compatibility (EMC) – Part 3-2: Limits – Limits for harmonic current emissions (equipment input current ≤ 16A per phase
IEC 61000-3-3: 2013, 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 greater than equal to 16A per phase and not subject to conditional connection
IEC 61547: 2009+IS:2013, Equipment for general lighting purposes – EMC immunity requirements
IES LM-79: 2008, Electrical and Photometric Measurements of Solid-State Lighting Products
IES LM-80: 2008 or LED LM-80: 2015, Measuring Lumen Maintenance of LED Light Sources
IES TM-21: 2011, Projecting Long Term Lumen Maintenance of LED Light Sources

Certification Issuing Office Name & Address:

Intertek Testing Services Hong Kong Limited
2/F, Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong SAR, China.

Certification Number: HK- LEDLPCB- 0000004R1

File Reference Number: HK21111030

This certificate body (Registration Number HKCAS 015) is accredited by HKAS under HKCAS for specific certification activities as listed in the scope of accreditation. This certificate is issued under the terms of accreditation in accordance with HKAS regulations.

Approved by:

Siu Kam Fai
Digitally signed
by K.F. Siu
Location: Hong
Kong

Signature

Name: Siu Kam Fai

Position: LED_LP_CB Certification Officer

Date: 16 Jan 2023