



LED INTEGRATED SOLAR STREET LIGHT (PREMIUM PLUS SERIES)

LIGETECH AUTOMATION SDN. BHD.

MyHP00075/26-001



General Information

A1. Product Classification

Category	Outdoor Lighting
Sub-category	Solar LED Street Lighting

A2. General Product Information

Product Name	LED INTEGRATED SOLAR STREET LIGHT (PREMIUM PLUS SERIES)
Brand	LigLED
Model	LSSTL36P24-A120N5L
Type	INTEGRATED SOLAR LED ROAD LIGHTING LUMINAIRES
IP Rating	IP66
Safety Standard Compliance	IEC 60598-2-3:2002+A1:2011 used in conjunction with IEC 60598-1:2020
Surge protective device (SPD)	-

Smart lighting capability (IOT)

Yes

A3. Manufacturer / Seller Information

Ownership

Manufacturer

Manufacturer name	Ligetech Automation Sdn. Bhd.
Country of manufacturing	MALAYSIA
Manufacturer sales office	I ECO LIGHTING SOLUTION SDN BHD
Manufacturer website	https://www.ligled.com.my
Contact person phone	+6012-678 7265
Contact person's email	geraldlim@ligetech.com.my

Distributor/Trader

Distributor/Trader name	-
Manufacturer name	LIGETECH AUTOMATION SDN BHD
Country of manufacturing	MALAYSIA
Distributor sales office address	N0 22-2, JALAN BK5A/3B, BANDAR KINRARA 5, 47180, PUCHONG, SELANGOR, MALAYSIA
Distributor/Trader website	https://www.ligled.com.my
Contact person phone	+6012-678 7265
Contact person's email	geraldlim@ligetech.com.my
Made in Malaysia	Yes
Bumiputera	No

Registered with e-perolehan No

A4. Recommended Retail Price (RRP)

Recommended retail price (RRP) 4900.00

Environment Specification

B1. Luminaire Performance

Total light output	22261 lumens
Luminaire efficacy	179.5 lm/W
Energy consumption	124.05 watt
Operational voltage range	25.6 V
Power factor	?0.95
Lamp lumen maintenance factor (LLMF)	60,000
Dimming control function	Yes
PV module type (for solar integrated lighting)	HIGH EFFICIENCY MONOCRYSTALLINE SILICON
Min PV module efficiency	41.04
Solar panel output	240 Wp
Solar charging time	6 hours
Battery capacity	2304 Wh

B2. Light Quality

Colour rendering index (CRI) 72

Correlated colour temperature (CCT)	3583
-------------------------------------	------

Photobiological effect	EXEMPT
------------------------	--------

B3. Hazardous Substance Content

Hazardous content	Yes
-------------------	-----

B4. Design for end-of-life

Disassembly instruction provided	Yes
----------------------------------	-----

List parts/components can be recycled	LED CHIP, PCB MODULE, MPPT CHARGE CONTROLLER, SOLAR PANEL, LiFePo4 BATTERY, BATTERY MANAGEMENT SYSTEM (BMS)
---------------------------------------	---

B5. Product Longevity/ Life-cycle Extension

Product design lifespan	60000 hour
-------------------------	------------

Spareparts availability	Yes
-------------------------	-----

Warranty period	5 year
-----------------	--------

B6. Packaging

Compostable/recyclable	Yes
------------------------	-----

Provision of take-back service	Yes
--------------------------------	-----

B7. End-of-life Management

Take back policy	Yes
------------------	-----

Product Certifications & Standards

C1. MyHIJAU Mark

Listing Number	MyHP00075/26-001
Certified Date	29-01-2026
Expiry Date	28-01-2029
Compliance Category	Performance Standard Compliance
Certificate Scheme	Luminaire Performance: IEC 62722-1 - Luminaire performance - Part 1: General requirements
Verification Body	Guangdong KEYS Testing Technology Co., Ltd.
Issuing Country	China
Environmental Claims	Conserve the use of energy

C2. Additional Green Product Certification (as per GGP Guideline 3.0)

Additional Green Product Certification (as per GGP Guideline 3.0)	Not Applicable
---	----------------

C3. Others Compliance with Government Requirement

SIRIM Eco-label	No
MCMC certification	No
Other eco-label or certification	-

C4. Environmental Management System

Environmental Management System	Yes
---------------------------------	-----

C5. Energy Management System

Energy Management System	Yes
--------------------------	-----

Get Product

Contact Person

Company Name LIGETECH AUTOMATION SDN. BHD.

Primary Contact Person

Contact Person's Name Mr. Fikri

Contact Person's Designation R&D Engineer

Contact Person's Phone Number +6014-2931743

Contact Person's Email rdligled@ligetech.com.my

Secondary Contact Person

Contact Person's Name Mr. Loh Lam Sun

Contact Person's Designation Engineering Manager

Contact Person's Phone Number +6016-7715696

Contact Person's Email engineering@ligetech.com.my

Company Address

Address NO. 7, JALAN TASIK UTAMA 45, TAMAN TASIK UTAMA, AYER KEROH, MUKIM BUKIT KATIL, 75450 MELAKA

City MELAKA

Postcode 75450

State Melaka

Country Malaysia

Phone Number 6063365698

Fax Number

6063365699