

LED Roadway Lighting

Highway Motorway Expressway

Intelligent Japan Technology

OUTDOOR
LUMINAIRES
EN 13201-2



Arakawa LED Highway Lights

Reducing CO₂ emissions with connected LED Technology





Long lifespan

ARAKAWA by WTEC, LED Roadway Lights offer a 50,000 hours life rating as more than 11 years of service life based on 12 hours of operation per day.

Reduced costs

Lower energy consumption with cost-effective LED Roadway lighting

Minimal maintenance

Longer life span means less time switching out of lamps. Couple with easier installation and more reliable engineering, also the maintenance time is virtually eliminated.

Environmental responsibility

In addition to the built-in efficiency benefits of LEDs, all ARAKAWA by WTEC and LED Roadway Lights fixtures, there is no mercury and lead free.



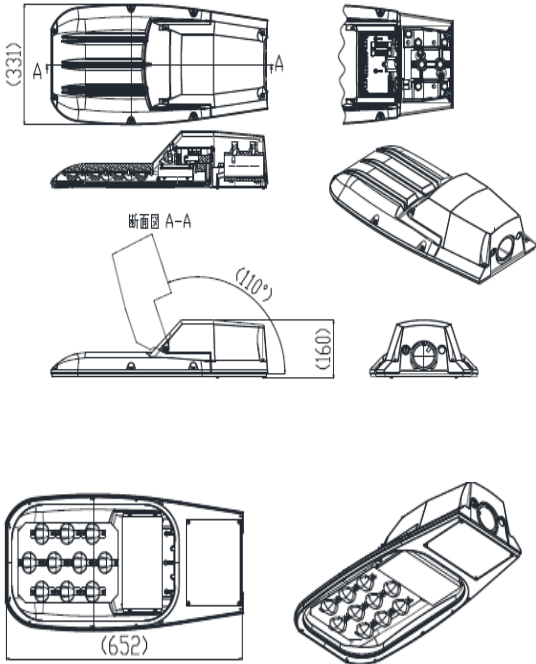
LED Highway Light



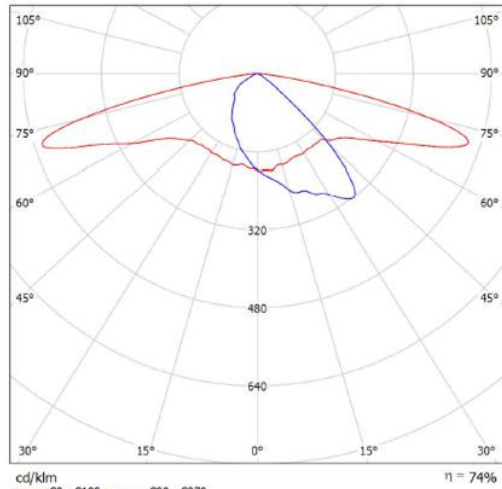
Textile Technology Science

T.T.S Makes the Future.

Design for the future
 ARAKAWA by WTEC and LED
 Roadway Lights are lower carbon
 foot printed and also reduce
 energy consumption.



Luminous emittance 1:



Specification:

Rated Voltage	AC220V±20%
Rated Current	0.46A
Power Consumption	99.8W
Power Factor	96%
Luminous Flux	10,000lm
Efficiency	100lm/W
Color Temperature	2400K±100K
Color Rendering Index	Ra80
Operating Ambient Temperature	0°C—60°C
Storage Temperature	0°C—60°C
Rated Life Ta	60°C 50,000h
Weight	11.5kg
Radiation fin	Body/Material Aluminium
Surge Resistance	IEC 61000-4-5Class X L-N 3kv L-PE 5kv
Harmonics Emitted Standard	IEC 61000-3-2 Class C
EMC	CISPR 15 / EN 55015
IP Code	IP 65

Manufacturing

ARAKAWA by WTEC, used for Roadway Lights, Highway and Motorway Expressway. we ensure that the quality is controlled by the Quality plan and directly report to the top management.



Product Reliable process

The quality test process is 100 % Aging Test . So, we ensure that 50,000-hour life rating of products.



Aging Test Room

We ensure as quality plan for performance of Luminance flux measurement

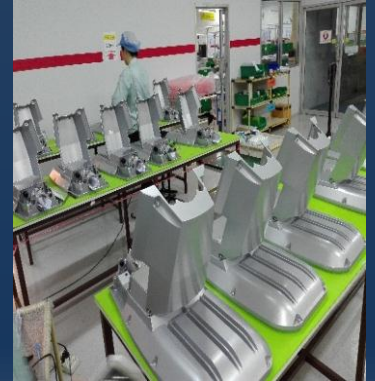


Packing Stage



Quality Assurance:

The manager directly reports to the Managing Director so WTEC's top management can immediately take actions and the data of product quality immediately.



Waterproof Aging Test Long lifespan

LED Roadway Lights are on the process of Aging Test and Waterproof Test



Finished Good:

ARAKAWA LED Roadway Lights are controlled by production process and also just in time delivery with schedule and cost controlling.



Management Policy:

A. Quality is the first priority of our company and our customers are the famous corporations in the world. For this reason, WTEC's top management realized that the products quality must be satisfied and respond to the customers requirements.

B. Quality is the responsibility of WTEC's top management.

Quality Assurance: the manager directly reports to the Managing Director so WTEC's top management can immediately take actions and the data of product quality immediately.

C. There are following elements, regarding the product quality, are controlled by the WTEC's top management.

- a. Contract requirements
- b. Customer's satisfaction
- c. End-user's safety
- d. Industrial standards ISO/TIS/IEC
- e. Applicable laws and regulations
- f. Quality cost and delivery performance

Case in Thailand:

STD. EN-13201-2 (ME1) LED Highway Lighting Low consumption Power is 99.8 Watt ,Color Temperature 2400 K Total Luminous Flux 10,000 lm.





International Organization for Standardization (ISO)

We are recognized for
ISO 9001:2015

Scope of certification:

The manufacture of LED High Bay Lights ,Street lights & Outdoor Lighting and LED Tunnel Lighting



ISO 9001:2015 ISO 14001:2004



Made in Thailand

Our Office in Thailand



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