



**APPLICATION FOR TEST REPORT**  
**On Behalf of**  
**ZHONGSHAN LEAVES LED LIGHTING TECHNOLOGY CO. LTD**  
**Outdoor flexible track light source**

**Model No.:** CQ-01-24V-7W-A, CQ-01-24V-7W-B

**Prepared for:** ZHONGSHAN LEAVES LED LIGHTING TECHNOLOGY CO. LTD  
**Address:** NO#18 Lefeng 8th Road Sansha Industrial, Henglan Town Zhongshan  
City Guangdong, China, CHINA 528478

**Prepared By:** Zhongshan DQC Testing Technology Co., LTD  
**Address:** No.151, Dongfu 3rd Road, Dongfeng, Zhongshan, Guangdong, China

**Date of Test:** Mar 21, 2022 –Mar 23, 2022  
**Date of Report:** Mar 23, 2022  
**Report Number:** DQC220320008Q

# IP CODE Report

## EN 60529

### Degrees of protection provided by enclosures

Report Number ..... : DQC220320008Q

Tested by  
(name + signature) ..... : Alan Liang

*Alan Liang*

Approved by  
(name + signature) ..... : Kerry Xiao

*Kerry Xiao*



Date of issue ..... : Mar 23, 2022

Total number of pages ..... : 5 pages

Testing Laboratory ..... : Zhongshan DQC Testing Technology Co., LTD

Address ..... : No.151, Dongfu 3rd Road, Dongfeng, Zhongshan, Guangdong, China

Applicant's name ..... : ZHONGSHAN LEAVES LED LIGHTING TECHNOLOGY CO. LTD

Address ..... : NO#18 Lefeng 8th Road Sansha Industrial, Henglan Town  
Zhongshan City Guangdong, China, CHINA 528478

#### Test specification:

Standard ..... : IEC 60598 – 1:2014

Test procedure ..... : IP Code

Non-standard test method ..... : N/A

Test Report Form No. .... : --

Test Report Form(s) Originator .... : DQC

Master TRF ..... : --

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Test item description ..... : Caiqiao series waterproof light bulbs

Trade Mark ..... : Leaves

Manufacturer ..... : ZHONGSHAN LEAVES LED LIGHTING TECHNOLOGY CO. LTD

NO#18 Lefeng 8th Road Sansha Industrial, Henglan Town  
Zhongshan City Guangdong, China,

Model/Type reference ..... : CQ-01-24V-7W-A, CQ-01-24V-7W-B

Ratings ..... : DC24V, 7W



EN 60529			
Clause	Requirement + Test	Result - Remark	Verdict

2.4 (2)	CLASSIFICATION			
2.5 (2.2)	Type of protection .....	Class III		—
2.5 (2.3)	Degree of protection.....	IP64 (for the luminous surface)		—
2.5 (2.4)	Luminaire suitable for direct mounting on normally flammable surfaces.....	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		—
2.5 (2.5)	Luminaire for normal use .....	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		—
	Luminaire for rough service .....	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		—

2.14 (9)	RESISTANCE TO DUST, SOLID OBJECTS AND MOISTURE		P
2.14 (-)	If IP > IP 20 the order of tests as specified in clause 2.12		—
2.14 (9.2)	Tests for ingress of dust, solid objects and moisture:		—
	- classification according to IP.....	IP64	—
	- mounting position during test.....	Luminaires is mounted and wired as in normal use and placed in the most unfavourable position	—
	- fixing screws tightened; torque (Nm) .....	/	—
	- tests according to clauses .....	9.2.0, 9.2.2, 9.2.5	—
	- electric strength test afterwards		P
	a) no deposit in dust-proof luminaire		P
	b) no talcum in dust-tight luminaire		P
	c) no trace of water on current-carrying parts or on insulation where it could become a hazard		P
	d) i) For luminaires without drain holes – no water entry		P
	d) ii) For luminaires with drain holes – no hazardous water entry		N
	e) no water in watertight luminaire		P
	f) no contact with live parts (IP 2X)		N
	f) no entry into enclosure (IP 3X and IP 4X)		N
	f) no contact with live parts (IP3X and IP4X)		N
	g) no trace of water on part of lamp requiring protection from splashing water		p
	h) no damage of protective shield or glass envelope		P

**Photo documentation**



Photo 1 for EUT



Photo 2 for EUT

**Photo documentation**

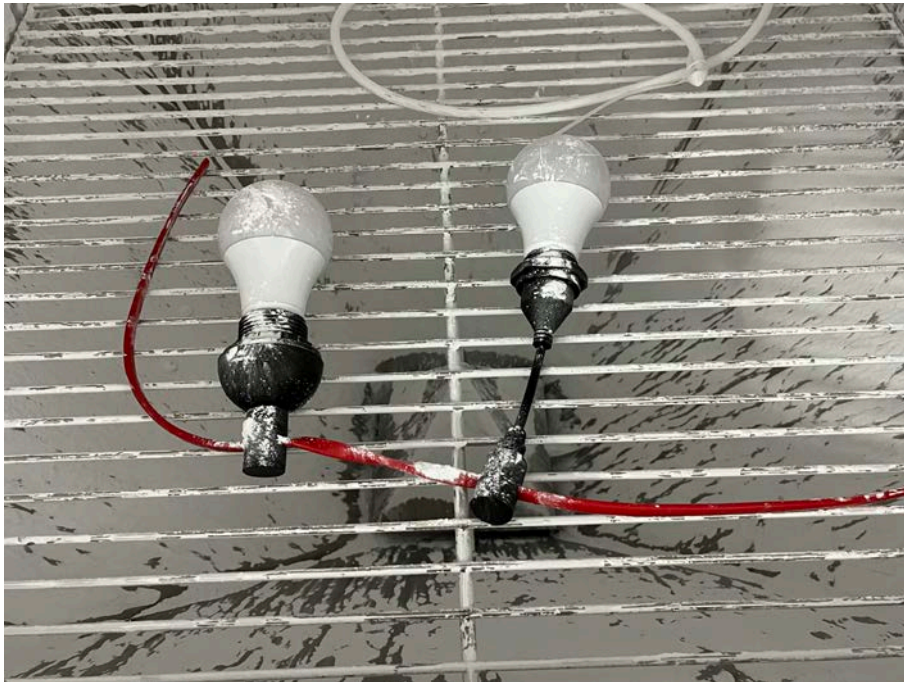


Photo 6 for test photos



Photo 7 for test photos

==End of the report==