

CERTIFICATE

Issued to:

Applicant:

Ningbo Kangyan Lighting Electric Co. Ltd
Houyu Industry Area, Liangnong
315430 Yuyao, Zhejiang, China

Licensee:

Ningbo Kangyan Lighting Electric Co. Ltd
Houyu Industry Area, Liangnong
315430 Yuyao, Zhejiang, China

Product : LED Outdoor Light
Trade name(s) : KANGLIGHT or LUXIFIC
Type(s)/model(s) : FRISO II-F series, FRISO II series, KEIRA ELLIPS series, KEIRA series and Mantis series

The product and any acceptable variation thereof as specified in the Annex to this certificate and the documents referred to therein.

DEKRA hereby declares that the above-mentioned product has been certified based on:

- a type test according to EN 60598-2-3:2003, EN 60598-2-3:2003/A1:2011, EN IEC 60598-1:2021 and EN IEC 60598-1:2021/A11:2022
- an inspection of the factory location according to CENELEC Operational Document CIG 421
- a DEKRA certification agreement with the number 6023774

DEKRA hereby grants the right to use the ENEC certification mark.

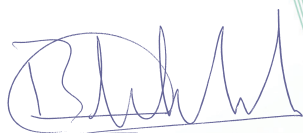
The ENEC certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the ENEC certification agreement.

This licence has been issued under the presumption and conditional on the fact that the licensee holds all necessary legal rights with regard to the product presented for testing and certification.

This certificate is issued on 16 April 2026 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-174680

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



Kate Xu
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: LED Outdoor Light
Trade name(s)	: KANGLIGHT or LUXIFIC
Type(s)/model(s)	: FRISO II-F series, FRISO II series, KEIRA ELLIPS series, KEIRA series and Mantis series
Rated voltage	: 200 - 240 Vac
Rated frequency	: 50/60 Hz
Rated power	: 8 - 120 W
Class	: Class I
Degree of protection	: IP66; IK08 / IK09 / IK10

TESTS**Test requirements**

EN 60598-2-3:2003
EN 60598-2-3:2003/A1:2011
EN IEC 60598-1:2021
EN IEC 60598-1:2021/A11:2022

Test result

The test results are documented in DEKRA test file 6263930.50.

Additional information

EN 62493:2015+A1:2022, EN 62262:2002+A1:2021 were also taken into account.

The list of components is laid down in test report 6263930.50.

Conclusion

The examination has confirmed that all requirements were met.

Factory location

Ningbo Kangyan Lighting Electric Co. Ltd
Houyu Industry Area, Liangnong
315430 Yuyao, Zhejiang, China

Trade name(s) : KANGLIGHT and Luxufuc Stands for

 **or** **LUXiFiC**

Annex model list:

Product name	Input voltage	Total number of LEDs (pcs)	Number of LED module(pcs)	Number of LEDs on each LED module(pcs)	Rated wattage (W)	Dimension (mm)
KEIRA series	200-240 V~; 50/60 Hz	8 - 16	2	4 - 8	8 - 50	606*606*516
		16 - 32	4	4 - 8	20 - 100	
		32 - 48	4	8 - 12	20 - 100	
KEIRA ELLIPS series		8 - 16	2	4 - 8	8 - 50	606*606*302
		16 - 32	4	4 - 8	20 - 100	
		32 - 48	4	8 - 12	20 - 100	
Mantis series		16 - 24	1	16 - 24	20 - 50	520*410*410
		32 - 48	2	16 - 24	20 - 120	
		48 - 72	3	16 - 24	50 - 120	
FRISO II series		8 - 16	2	4 - 8	8 - 50	512*512*330
		16 - 32	4	4 - 8	20 - 100	
		32 - 48	4	8 - 12	20 - 100	
FRISO II-F series		8 - 16	2	4 - 8	8 - 50	510*510*330
		16 - 32	4	4 - 8	20 - 100	
		32 - 48	4	8 - 12	20 - 100	

**KEIRA/
KEIRA ELLIPS**

Power(W) 8-100W

Color rendering index :
>70-7
>80-8

Color te'mperature(k)
standard Values:2000K-20
3000K-30
4000K-40
5000K-50
6000K-60

Lens Type
(K01-K99)

Led Quantity
B008-48

Body Color:
RAL9006-S
RAL9007-G
RAL7138-A
RAL9005-B
RAL7037-D

Finish:
Sand-S
Gloss-G

NEMA socket included N
NEMA socket/zhaga
socket not included O
zhaga socket included Z

Surge protection:
3kv integrated in driver-F
6kv-10kv integrated driver-G
separate built in 10kv/10KA SPD-H
withoutspd-N

Insulation class-I-1

Mantis

Installation mode
-HS,-HP,-L,-D,-S

Power(W) 10-120W

Color rendering index :
>70-7
>80-8

Color te'mperature(k)
standard Values:2000K-20
3000K-30
4000K-40
5000K-50
6000K-60

Lens Type
(K01-K99)

Led Quantity
B016-72

Body Color:
RAL9006-S
RAL9007-G
RAL7138-A
RAL9005-B
RAL7037-D

Finish:
Sand-S
Gloss-G

NEMA socket included N
NEMA socket/zhaga
socket not included O
zhaga socket included Z

Surge protection:
3kv integrated in driver-F
6kv-10kv integrated driver-G
separate built in 10kv/10KA SPD-H
withoutspd-N

Insulation class-I-1

**FRISO II/
FRISO II-F**

Power(W) 8-100W

Color rendering index :
>70-7
>80-8

Color te'mperature(k)
standard Values: 2200K-22
2700K-27
3000K-30
4000K-40
5000K-50
6000K-60

Lens Type:(K01-K99)

Led Quantity
B008-048

Body Color:
RAL9006-S
RAL9007-G
RAL7138-A
RAL9005-B
RAL7037-D

Finish:
Sand-S
Gloss-G

NEMA socket included N
NEMA socket/zhaga
socket not included O
zhaga socket included Z

Surge protection:
3kv integrated in driver-F
6kv-10kv integrated driver-G
separate built in 10kv/10KA SPD-H
withoutspd-N

Insulation class-I-1