

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) : ACORNIA series, BELL series, LUXERA series and VEGA 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 PD EPRS 003:2025-04
- an inspection of the factory location according to CENELEC Operational Document CIG 421
- a DEKRA certification agreement with the number 6070345

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

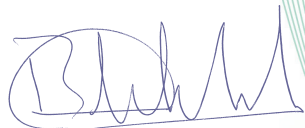
The ENEC+ certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the ENEC+ certification agreement and based on ENEC certificate no 31-175284.

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 13 May 2026 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-175826

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



Rosa Zhou
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: LED Outdoor Light
Trade name(s)	: KANGLIGHT or LUXIFIC
Type(s)/model(s)	: ACORNIA series, BELL series, LUXERA series and VEGA series
Rated voltage	: 200 - 240 Vac
Rated frequency	: 50/60 Hz
Rated power	: max 300 W
Ambient temperature (ta)	: 55 °C (For BELL series) 50 °C (For other series)
Classification	: Class II
Degree of protection	: IP 66
Luminous flux	: Max: 45000 lm, Min:7500 lm
Luminous Efficacy	: Max: 150 lm/W, Min:100 lm/W
Colour temperature (CCT)	: 2700 K, 3000 K, 4000 K, 5000 K
Colour rendering index (CRI)	: 70, 80
Ambient temperature rating (tq)	: 35 °C
Luminaire (type A, B, C)	: Type A

TESTS**Test requirements**

PD EPRS 003:2025-04

Test result

The test results are documented in DEKRA test file 6251313.50P.

Additional information

The list of components is laid down in test report 6251313.50P.

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

Type(s)/model(s) : KANGLIGHT or LUXiFiC Stands for  or LUXiFiC

Model list

Model name	Rated power (W)	Rated luminous flux (lm)	Rated CCT (K)	CRI	Rated efficacy (lm/W)	LED module type
VEGA1 060 730 K13 B024 G G N H 2	60	7800	3000	70	130	Fortimo FastFlex LED 2x4 / 730 DA G5
LUXERA-MIN 075 830 K51 B024 G G Z H 2	75	7500	3000	80	100	Fortimo FastFlex LED 2x6 / 830 DA G5
LUXERA-MID 110 730 K35 B048 G G Z H 2	110	13750	3000	70	125	16LED-C-35
ACORNIA-D 150 730 K46 B048 G G C H 2	150	18000	3000	70	120	16LED-C-50
VEGA2 120 727 K50 B048 G G N H 2	120	15600	2700	70	130	16LED-C-50
VEGA3 220 750 K33 B080 G G N H 2	220	30800	5000	70	140	16LED-C-50
VEGA4 300 740 K15 B112 G G N H 2	300	45000	4000	70	150	16LED-S-50
BELL 100 730 K46 B032 B S N H 2	100	14000	3000	70	140	8LED-C-50

Remark:

LUXERA		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
-MIN,-MID																				
Power(W)	10-150W																			
Color rendering index :																				
	>70-7																			
	>80-8																			
Color te'mperature(k)																				
standard Values:																				
	2200K-22,2700K-27																			
	3000K-30,4000K-40																			
	5000K-50																			
Lens Type	(K01-K99)																			
Led Quantity	B008-072																			
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																			
	classII-2																			

ACORNIA		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Installation mode																				
	-HS,-HP,-L,-D,-S																			
Power(W)	10-150W																			
Color rendering index :																				
	>70-7																			
	>80-8																			
Color te'mperature(k)																				
standard Values:																				
	2200K-22,2700K-27																			
	3000K-30,4000K-40																			
	5000K-50																			
Lens Type	(K01-K99)																			
Led Quantity	B008-072																			
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																			
	classII-2																			

		BELL	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Power(W)	8-100W												
Color rendering index :													
	>70-7												
	>80-8												
Color temperature(k)													
standard Values:	2200K-22												
	2700K-27,3000K-30,												
	4000K-40,5000K-50												
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													
classI-1													
classII-2													

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