

# CERTIFICATE

Issued to:  
Applicant:  
**LEDVANCE GmbH**  
Parkring 1-5  
85748 Garching, Germany

Licensee:  
**LEDVANCE GmbH**  
Parkring 1-5  
85748 Garching, Germany

Product : Floodlights  
Trade name(s) : LEDVANCE or OSRAM  
Type(s)/model(s) : AC series, AR FLO SQ V series and AR WWASH 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 IEC 60598-1:2021, EN IEC 60598-1:2021/A11:2022 and EN 60598-2-5:2015
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6057933

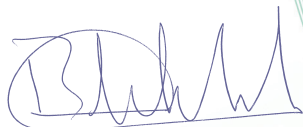
DEKRA hereby grants the right to use the ENEC certification mark.

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 certificate is issued on 15 October 2025 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-165959

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



Rosa Zhou  
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE  
DUTCH ACCREDITATION  
COUNCIL



**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: Floodlights
Trade name(s)	: LEDVANCE or OSRAM
Type(s)/model(s)	: AC series, AR FLO SQ V series and AR WWASH series
Rated voltage	: 220-240 V~
Rated frequency	: 50/60 Hz
Class	: Class I
Degree of protection	: IP66
Ta	: 40 °C

**TESTS****Test requirements**

EN IEC 60598-1:2021  
EN IEC 60598-1:2021/A11:2022  
EN 60598-2-5:2015

**Test result**

The test results are documented in DEKRA test file 4944526.50.

**Additional information**

The list of components is laid down in test report 4944526.50.


**Conclusion**

The examination has confirmed that all requirements were met.

**Factory location**

The factory location is registered with the number 31128.

Trade name : LEDVANCE stands for 

OSRAM stands for 

## Model list:

Model name	Alternative model name (basic code)	Rated power	CCT	Beam angle	LED driver
Series 1					
AR FLO SQ V 18W 830 SYM10 BK ON	AC82920xxxx	18 W	3000 K	10°	JD- EMC1824A6KV
AR FLO SQ V 18W 840 SYM10 BK ON	AC82921xxxx	18 W	4000 K	10°	JD- EMC1824A6KV
AR FLO SQ V 18W 830 SYM30 BK ON	AC82923xxxx	18 W	3000 K	30°	JD- EMC1824A6KV
AR FLO SQ V 18W 840 SYM30 BK ON	AC82924xxxx	18 W	4000 K	30°	JD- EMC1824A6KV
AR FLO SQ V 18W 830 SYM45 BK ON	AC82925xxxx	18 W	3000 K	45°	JD- EMC1824A6KV
AR FLO SQ V 18W 840 SYM45 BK ON	AC82926xxxx	18 W	4000 K	45°	JD- EMC1824A6KV
AR FLO SQ V 18W 830 SYM10 BK DA	AC82927xxxx	18 W	3000 K	10°	MR-EP023- GA0600DE DALI
AR FLO SQ V 18W 840 SYM10 BK DA	AC82928xxxx	18 W	4000 K	10°	MR-EP023- GA0600DE DALI
AR FLO SQ V 18W 830 SYM30 BK DA	AC82929xxxx	18 W	3000 K	30°	MR-EP023- GA0600DE DALI
AR FLO SQ V 18W 840 SYM30 BK DA	AC82930xxxx	18 W	4000 K	30°	MR-EP023- GA0600DE DALI
AR FLO SQ V 18W 830 SYM45 BK DA	AC82931xxxx	18 W	3000 K	45°	MR-EP023- GA0600DE DALI
AR FLO SQ V 18W 840 SYM45 BK DA	AC82932xxxx	18 W	4000 K	45°	MR-EP023- GA0600DE DALI
AR FLO SQ V 36W 830 SYM10 BK ON	AC82933xxxx	36 W	3000 K	10°	DL-50Z-58A- MAL
AR FLO SQ V 36W 840 SYM10 BK ON	AC82934xxxx	36 W	4000 K	10°	DL-50Z-58A- MAL

AR FLO SQ V 36W 830 SYM30 BK ON	AC82935xxxx	36 W	3000 K	30°	DL-50Z-58A- MAL
AR FLO SQ V 36W 840 SYM30 BK ON	AC82936xxxx	36 W	4000 K	30°	DL-50Z-58A- MAL
AR FLO SQ V 36W 830 SYM45 BK ON	AC82937xxxx	36 W	3000 K	45°	DL-50Z-58A- MAL
AR FLO SQ V 36W 840 SYM45 BK ON	AC82938xxxx	36 W	4000 K	45°	DL-50Z-58A- MAL
AR FLO SQ V 36W 830 SYM10 BK DA	AC82939xxxx	36 W	3000 K	10°	MR-EP036- GA0900DE DALI
AR FLO SQ V 36W 840 SYM10 BK DA	AC82940xxxx	36 W	4000 K	10°	MR-EP036- GA0900DE DALI
AR FLO SQ V 36W 830 SYM30 BK DA	AC82941xxxx	36 W	3000 K	30°	MR-EP036- GA0900DE DALI
AR FLO SQ V 36W 840 SYM30 BK DA	AC82942xxxx	36 W	4000 K	30°	MR-EP036- GA0900DE DALI
AR FLO SQ V 36W 830 SYM45 BK DA	AC82943xxxx	36 W	3000 K	45°	MR-EP036- GA0900DE DALI
AR FLO SQ V 36W 840 SYM45 BK DA	AC82944xxxx	36 W	4000 K	45°	MR-EP036- GA0900DE DALI
AR FLO RD V 18W 830 SYM10 BK ON	AC82945xxxx	18 W	3000 K	10°	JD- EMC1824A6KV
AR FLO RD V 18W 840 SYM10 BK ON	AC82946xxxx	18 W	4000 K	10°	JD- EMC1824A6KV
AR FLO RD V 18W 830 SYM30 BK ON	AC82947xxxx	18 W	3000 K	30°	JD- EMC1824A6KV
AR FLO RD V 18W 840 SYM30 BK ON	AC82948xxxx	18 W	4000 K	30°	JD- EMC1824A6KV
AR FLO RD V 18W 830 SYM45 BK ON	AC82949xxxx	18 W	3000 K	45°	JD- EMC1824A6KV
AR FLO RD V 18W 840 SYM45 BK ON	AC82950xxxx	18 W	4000 K	45°	JD- EMC1824A6KV
AR FLO RD V 18W 830 SYM10 BK DA	AC82951xxxx	18 W	3000 K	10°	MR-EP023- GA0600DE DALI
AR FLO RD V 18W 840 SYM10 BK DA	AC82952xxxx	18 W	4000 K	10°	MR-EP023- GA0600DE DALI

AR FLO RD V 18W 830 SYM30 BK DA	AC82953xxxx	18 W	3000 K	30°	MR-EP023- GA0600DE DALI
AR FLO RD V 18W 840 SYM30 BK DA	AC82954xxxx	18 W	4000 K	30°	MR-EP023- GA0600DE DALI
AR FLO RD V 18W 830 SYM45 BK DA	AC82955xxxx	18 W	3000 K	45°	MR-EP023- GA0600DE DALI
AR FLO RD V 18W 840 SYM45 BK DA	AC82956xxxx	18 W	4000 K	45°	MR-EP023- GA0600DE DALI
AR FLO RD V 36W 830 SYM10 BK ON	AC82957xxxx	36 W	3000 K	10°	DL-50Z-58A- MAL
AR FLO RD V 36W 840 SYM10 BK ON	AC82958xxxx	36 W	4000 K	10°	DL-50Z-58A- MAL
AR FLO RD V 36W 830 SYM30 BK ON	AC82959xxxx	36 W	3000 K	30°	DL-50Z-58A- MAL
AR FLO RD V 36W 840 SYM30 BK ON	AC82960xxxx	36 W	4000 K	30°	DL-50Z-58A- MAL
AR FLO RD V 36W 830 SYM45 BK ON	AC82961xxxx	36 W	3000 K	45°	DL-50Z-58A- MAL
AR FLO RD V 36W 840 SYM45 BK ON	AC82962xxxx	36 W	4000 K	45°	DL-50Z-58A- MAL
AR FLO RD V 36W 830 SYM10 BK DA	AC82963xxxx	36 W	3000 K	10°	MR-EP036- GA0900DE DALI
AR FLO RD V 36W 840 SYM10 BK DA	AC82964xxxx	36 W	4000 K	10°	MR-EP036- GA0900DE DALI
AR FLO RD V 36W 830 SYM30 BK DA	AC82965xxxx	36 W	3000 K	30°	MR-EP036- GA0900DE DALI
AR FLO RD V 36W 840 SYM30 BK DA	AC82966xxxx	36 W	4000 K	30°	MR-EP036- GA0900DE DALI
AR FLO RD V 36W 830 SYM45 BK DA	AC82967xxxx	36 W	3000 K	45°	MR-EP036- GA0900DE DALI
AR FLO RD V 36W 840 SYM45 BK DA	AC82968xxxx	36 W	4000 K	45°	MR-EP036- GA0900DE DALI
Series 2					
AR WWASH 05 V 18W 830 SYM10 AL ON	AC83028xxxx	18 W	3000 K	10°	DL-20Z-58A- MAL

AR WWASH 05 V 18W 840 SYM10 AL ON	AC83029xxxx	18 W	4000 K	10°	DL-20Z-58A- MAL
AR WWASH 05 V 18W 830 SYM30 AL ON	AC83030xxxx	18 W	3000 K	30°	DL-20Z-58A- MAL
AR WWASH 05 V 18W 840 SYM30 AL ON	AC83031xxxx	18 W	4000 K	30°	DL-20Z-58A- MAL
AR WWASH 05 V 18W 830 SYM45 AL ON	AC83032xxxx	18 W	3000 K	45°	DL-20Z-58A- MAL
AR WWASH 05 V 18W 840 SYM45 AL ON	AC83033xxxx	18 W	4000 K	45°	DL-20Z-58A- MAL
AR WWASH 05 V 18W 830 SYM10 AL DA	AC83034xxxx	18 W	3000 K	10°	MR-EP023- GA0600DE DALI
AR WWASH 05 V 18W 840 SYM10 AL DA	AC83035xxxx	18 W	4000 K	10°	MR-EP023- GA0600DE DALI
AR WWASH 05 V 18W 830 SYM30 AL DA	AC83036xxxx	18 W	3000 K	30°	MR-EP023- GA0600DE DALI
AR WWASH 05 V 18W 840 SYM30 AL DA	AC83037xxxx	18 W	4000 K	30°	MR-EP023- GA0600DE DALI
AR WWASH 05 V 18W 830 SYM45 AL DA	AC83038xxxx	18 W	3000 K	45°	MR-EP023- GA0600DE DALI
AR WWASH 05 V 18W 840 SYM45 AL DA	AC83039xxxx	18 W	4000 K	45°	MR-EP023- GA0600DE DALI
AR WWASH 10 V 36W 830 SYM10 AL ON	AC83040xxxx	36 W	3000 K	10°	DL-50Z-58A- MAL
AR WWASH 10 V 36W 840 SYM10 AL ON	AC83041xxxx	36 W	4000 K	10°	DL-50Z-58A- MAL
AR WWASH 10 V 36W 830 SYM30 AL ON	AC83042xxxx	36 W	3000 K	30°	DL-50Z-58A- MAL
AR WWASH 10 V 36W 840 SYM30 AL ON	AC83043xxxx	36 W	4000 K	30°	DL-50Z-58A- MAL

AR WWASH 10 V 36W 830 SYM45 AL ON	AC83044xxxx	36 W	3000 K	45°	DL-50Z-58A- MAL
AR WWASH 10 V 36W 840 SYM45 AL ON	AC83045xxxx	36 W	4000 K	45°	DL-50Z-58A- MAL
AR WWASH 10 V 36W 830 SYM10 AL DA	AC83046xxxx	36 W	3000 K	10°	MR-EP036- GA0900DE DALI
AR WWASH 10 V 36W 840 SYM10 AL DA	AC83047xxxx	36 W	4000 K	10°	MR-EP036- GA0900DE DALI
AR WWASH 10 V 36W 830 SYM30 AL DA	AC83048xxxx	36 W	3000 K	30°	MR-EP036- GA0900DE DALI
AR WWASH 10 V 36W 840 SYM30 AL DA	AC83049xxxx	36 W	4000 K	30°	MR-EP036- GA0900DE DALI
AR WWASH 10 V 36W 830 SYM45 AL DA	AC83050xxxx	36 W	3000 K	45°	MR-EP036- GA0900DE DALI
AR WWASH 10 V 36W 840 SYM45 AL DA	AC83051xxxx	36 W	4000 K	45°	MR-EP036- GA0900DE DALI
Remark: xxxx is optional, x which could be blank, different letter or number, to represent different customer brand or for internal IC code.					