CERTIFICATE

Issued to:

Applicant:
Dongguan Sense Lighting Technology Co., Ltd
No 6, Shengxing Street, ChangAn Town
Dongguan City Guangdong, China

Licensee:
Dongguan Sense Lighting Technology Co., Ltd
No 6, Shengxing Street, ChangAn Town
Dongguan City Guangdong, China

Product : LED Street light
Trade name(s) : -
Type(s)/model(s) : SWL-S16-1X-xxx-yy-cc, SWL-S16-2X-xxx-yy-cc;, SWL-S16-3X-xxx-yy-cc, SWL-S16-4X-xxx-yy-cc, SWL-S16-5X-xxx-yy-cc, SWL-S35-1X-xxx-yy-cc, SWL-S35-2X-xxx-yy-cc, SWL-S35-3X-xxx-yy-cc, SWL-S35-4X-xxx-yy-cc, SWL-S35-5X-xxx-yy-cc, SWL-S37-1X-xxx-yy-cc, SWL-S37-2X-xxx-yy-cc, SWL-S37-3X-xxx-yy-cc, SWL-S37-4X-xxx-yy-cc and SWL-S37-5X-xxx-yy-cc

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 60598-1:2024, EN IEC 60598-1:2024/A11:2024, EN 60598-2-3:2003 and EN 60598-2-3:2003/A1:2011
- an inspection of the factory location according to CENELEC Operational Document CIG 421
- a DEKRA certification agreement with the number 6074025

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 5 June 2026 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-177048

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

Kate Xu
Certification Manager

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ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL

PRODUCTS
RvA C 001

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SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	LED Street light
Trade name(s)	:	-
Type(s)/model(s)	:	SWL-S16-1X-xxx-yy-cc, SWL-S16-2X-xxx-yy-cc;, SWL-S16-3X-xxx-yy-cc, SWL-S16-4X-xxx-yy-cc, SWL-S16-5X-xxx-yy-cc, SWL-S35-1X-xxx-yy-cc, SWL-S35-2X-xxx-yy-cc, SWL-S35-3X-xxx-yy-cc, SWL-S35-4X-xxx-yy-cc, SWL-S35-5X-xxx-yy-cc, SWL-S37-1X-xxx-yy-cc, SWL-S37-2X-xxx-yy-cc, SWL-S37-3X-xxx-yy-cc, SWL-S37-4X-xxx-yy-cc and SWL-S37-5X-xxx-yy-cc
Rated input voltage	:	220-240 V~
Rated frequency	:	50/60 Hz
Class of insulation	:	Class II
Degree of protection	:	IP66
Ambient temperature (ta)	:	50 °C

TESTS

Test requirements

EN IEC 60598-1:2024
EN IEC 60598-1:2024/A11:2024
EN 60598-2-3:2003
EN 60598-2-3:2003/A1:2011

Test result

The test results are documented in DEKRA test file 4951635.50.

Additional information

The luminaires fulfil the requirements of EN 62262:2002 + A1:2021 / IEC/TR 62696:2011 with regard to protection provided by enclosures for electrical equipment against external mechanical impacts, IK08.

The list of components is laid down in test report 4951635.50.

Conclusion

The examination has confirmed that all requirements were met.

Factory location

Dongguan Sense Lighting Technology Co., Ltd
No 6, Shengxing Street, ChangAn Town
Dongguan City Guangdong, China

Model list:

Series	Model	Rated Power (W)	LED driver yy=TR	LED driver yy=IX	LED	Weight (kg)	Size (L*W*H mm)	Max. Projected ^{2}
1	SWL-S16-1X-xxx-yy-cc	010-025	LCO 24/200-1050/48 pD+ NF C SNC	IT DX 24/220-240/1A0 NFC E	1. LUXEON 5050 2. TYF5050 3. LUXEON 3030-2D Line 4. TYF3030	2,9	493*174*108	0,07
		026-030	LCO 40/200-1050/77 pD+ NF C SNC	IT DX 40/220-240/1A0 NFC E				
		031-040	LCO 40/200-1050/77 pD+ NF C SNC	IT DX 40/220-240/1A0 NFC E				
		041-050	LCO 75/200-1050/107 pD+ NF C SNC	IT DX 75/220-240/1A0 NFC E				
		051-060	LCO 75/200-1050/107 pD+ NF C SNC	IT DX 75/220-240/1A0 NFC E				
	SWL-S16-2X-xxx-yy-cc	055-075	LCO 75/200-1050/107 pD+ NF C SNC	IT DX 75/220-240/1A0 NFC E		3,3	562*200*108	0,09
		076-090	LCO 110/200-1050/157 pD+ NF C SNC	IT DX 110/220-240/1A0 NFC E				
	SWL-S16-3X-xxx-yy-cc	076-090	LCO 110/200-1050/157 pD+ NF C SNC	IT DX 110/220-240/1A0 NFC E		4,5	607*240*108	0,12
		091-100	LCO 110/200-1050/157 pD+ NF C SNC	IT DX 110/220-240/1A0 NFC E				
		101-110	LCO 110/200-1050/157 pD+ NF C SNC	IT DX 110/220-240/1A0 NFC E				

		111-135	LCO 165/200-1050/270 pD+ NF C SNC	IT DX 165/220-240/1A0 NFC E				
	SWL-S16-4X-xxx-yy-cc	120-150	LCO 165/200-1050/270 pD+ NF C SNC	IT DX 165/220-240/1A0 NFC E		4,8	680*260*108	0,15
		151-165	LCO 165/200-1050/270 pD+ NF C SNC	IT DX 165/220-240/1A0 NFC E				
		166-190	LCO 220/200-1050/355 pD+ NF C SNC	IT DX 200/220-240/1A0 NFC E				
	SWL-S16-5X-xxx-yy-cc	180-200	LCO 220/200-1050/355 pD+ NF C SNC	IT DX 200/220-240/1A0 NFC E		6,6	766*300*108	0,19
		201-220	LCO 220/200-1050/355 pD+ NF C SNC	/				
2	SWL-S37-1X-xxx-yy-cc	010-025	LCO 24/200-1050/48 pD+ NF C SNC	IT DX 24/220-240/1A0 NFC E		2,8	481*175*113	0,07
		026-030	LCO 40/200-1050/77 pD+ NF C SNC	IT DX 40/220-240/1A0 NFC E				
		031-040	LCO 40/200-1050/77 pD+ NF C SNC	IT DX 40/220-240/1A0 NFC E				
		041-050	LCO 75/200-1050/107 pD+ NF C SNC	IT DX 75/220-240/1A0 NFC E				
		051-060	LCO 75/200-1050/107 pD+ NF C SNC	IT DX 75/220-240/1A0 NFC E				

	SWL-S37-2X-xxx-yy-cc	055-075	LCO 75/200-1050/107 pD+ NF C SNC	IT DX 75/220-240/1A0 NFC E		3,2	549*197*110	0,09
		076-090	LCO 110/200-1050/157 pD+ NF C SNC	IT DX 110/220-240/1A0 NFC E				
	SWL-S37-3X-xxx-yy-cc	076-090	LCO 110/200-1050/157 pD+ NF C SNC	IT DX 110/220-240/1A0 NFC E		4,4	592*246*110	0,12
		091-100	LCO 110/200-1050/157 pD+ NF C SNC	IT DX 110/220-240/1A0 NFC E				
		101-110	LCO 110/200-1050/157 pD+ NF C SNC	IT DX 110/220-240/1A0 NFC E				
		111-135	LCO 165/200-1050/270 pD+ NF C SNC	IT DX 165/220-240/1A0 NFC E				
	SWL-S37-4X-xxx-yy-cc	120-150	LCO 165/200-1050/270 pD+ NF C SNC	IT DX 165/220-240/1A0 NFC E		4,7	661*258*110	0,15
		151-165	LCO 165/200-1050/270 pD+ NF C SNC	IT DX 165/220-240/1A0 NFC E				
		166-190	LCO 220/200-1050/355 pD+ NF C SNC	IT DX 200/220-240/1A0 NFC E				
	SWL-S37-5X-	181-200	LCO 220/200-1050/355	IT DX 200/220-		6,4	757*298*110	0,19

	xxx-yy-cc		pD+ NF C SNC	240/1A0 NFC E				
		201-220	LCO 220/200-1050/355 pD+ NF C SNC	/				
3	SWL-S35-1X-xxx-yy-cc	010-025	LCO 24/200-1050/48 pD+ NF C SNC	IT DX 24/220-240/1A0 NFC E		2,6	458*175*81	0,06
		026-030	LCO 40/200-1050/77 pD+ NF C SNC	IT DX 40/220-240/1A0 NFC E				
		031-040	LCO 40/200-1050/77 pD+ NF C SNC	IT DX 40/220-240/1A0 NFC E				
		041-050	LCO 75/200-1050/107 pD+ NF C SNC	IT DX 75/220-240/1A0 NFC E				
		051-060	LCO 75/200-1050/107 pD+ NF C SNC	IT DX 75/220-240/1A0 NFC E				
	SWL-S35-2X-xxx-yy-cc	055-075	LCO 75/200-1050/107 pD+ NF C SNC	IT DX 75/220-240/1A0 NFC E		3,2	513*198*81	0,08
		076-080	LCO 110/200-1050/157 pD+ NF C SNC	IT DX 110/220-240/1A0 NFC E				
	SWL-S35-3X-xxx-yy-cc	091-100	LCO 110/200-1050/157 pD+ NF C SNC	IT DX 110/220-240/1A0 NFC E		4,4	551*217*82	0,10
		101-110	LCO 110/200-1050/157 pD+ NF C SNC	IT DX 110/220-240/1A0 NFC E				
		111-135	LCO 165/200-1050/270	IT DX 165/220-240/1A0 NFC E				

			pD+ NF C SNC					
		136-150	LCO 165/200-1050/270 pD+ NF C SNC	IT DX 165/220-240/1A0 NFC E				
	SWL-S35-4X-xxx-yy-cc	151-165	LCO 165/200-1050/270 pD+ NF C SNC	IT DX 165/220-240/1A0 NFC E		4,6	591*241*84	0,12
		150-165	LCO 165/200-1050/270 pD+ NF C SNC	IT DX 165/220-240/1A0 NFC E				
		166-190	LCO 220/200-1050/355 pD+ NF C SNC	IT DX 200/220-240/1A0 NFC E				
	SWL-S35-5X-xxx-yy-cc	181-200	LCO 220/200-1050/355 pD+ NF C SNC	IT DX 200/220-240/1A0 NFC E		6,4	667*286*84	0,16
		201-220	LCO 220/200-1050/355 pD+ NF C SNC	/				

Remark:
'X' can be L or G which stands for LED cover type, L= plastic cover, G= glass cover.
'xxx' can be 010 to 280 which stands for rated power 10 W to 280 W, in steps of 1 W.
'yy' can be TR or IX which stands for LED driver brand.
'cc' can be 27-65 which stands for color temperature 2700 K to 6500 K, in steps of 100 K.