

CERTIFICATE

Issued to:
Applicant:
Shenzhen Recolux Lighting Co.,Ltd.
XinRong Road #7, Xinqiaowei Industrial Zone,
Kengzi Town , Pingshan District
518122 Shenzhen Guangdong, China

Licensee:
Shenzhen Recolux Lighting Co.,Ltd.
XinRong Road #7, Xinqiaowei Industrial Zone,
Kengzi Town , Pingshan District
518122 Shenzhen Guangdong, China

Product : LED fixed luminaire (LED linear light)
Trade name(s) : RECOLUX
Type(s)/model(s) : RIPxxx-xxx-xx series and RSLxxx-xxx-xx series

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

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

- a type test according to EN IEC 60598-1:2021, EN IEC 60598-1:2021/A11:2022 and EN IEC 60598-2-1:2021
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 4351197

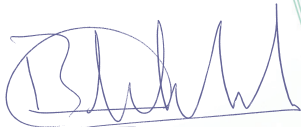
DEKRA hereby grants the right to use the ENEC certification mark.

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 29 November 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-133034

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K. Lin
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: LED fixed luminaire (LED linear light)
Trade name(s)	: RECOLUX
Type(s)/model(s)	: RIPxxx-xxx-xx series and RSLxxx-xxx-xx series
Rated voltage	: AC 220-240 V
Rated frequency	: 50/60 Hz
Class of insulation	: Class I
Degree of protection	: IP 20 for RSLxxx-xxx-xx series IP 54 for RIPxxx-xxx-xx series
Additional information	: 2700-6500 K, with non-user replaceable LEDs; Other information refers to model list in Attachment 1 of test report.

TESTS**Test requirements**

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

Test result

The test results are laid down in DEKRA test file 490608100.

Additional information

The list of components is laid down in test report 4906081.52, 4906081.53.

Conclusion

The examination proved that all requirements were met.

Factory location

Shenzhen Recolux Lighting Co.,Ltd.
XinRong Road #7, Xinqiaowei Industrial Zone, Kengzi Town , Pingshan District
518122 Shenzhen Guangdong, China

Trade name(s): RECOLUX stands for

RECOLUX

Model List

Model	Rating	LED Driver	LED
RSL4xx-35xx-P1	220-240 Vac, 50/60 Hz, 0,22 A, 35 W	Xitanium 44W 200-350mA 125V DS 230V	Vf: 2,8-3,2 V, If: 60 mA, CCT: 2700-6500 K
RSL4xx-35xx-S1	220-240 Vac, 50/60 Hz, 0,22 A, 35 W	OT FIT 65/220-240/350 D CS L	
RSL4xx-35xx-T1	220-240 Vac, 50/60 Hz, 0,22 A, 35 W	LC 35/200-350/ flexC Ip SNC4	
RSL4xx-40xx-P4	220-240 Vac, 50/60 Hz, 0,4 A, 40 W	Xitanium 90W 0.25-0.7A 220V TD21 S 230V	
RSL4xx-40xx-C4	220-240 Vac, 50/60 Hz, 0,4 A, 40 W	ID LCCB 75/230/050-400 DALI NFC FV1	
RSL5xx-60xx-P1	220-240 Vac, 50/60 Hz, 0,4 A, 60 W	Xitanium 65W 200-350mA 185V DS 230V	
RSL5xx-60xx-S1	220-240 Vac, 50/60 Hz, 0,4 A, 60 W	OT FIT 65/220-240/350 D CS L	
RSL5xx-60xx-T1	220-240 Vac, 50/60 Hz, 0,4 A, 60 W	LC 65/200-350/210 flexC Ip SNC4	
RSL5xx-68xx-P1	220-240 Vac, 50/60 Hz, 0,43 A, 68 W	Xitanium 75W 0.12A-0.4A 220V 230V	
RSL5xx-68xx-T4	220-240 Vac, 50/60 Hz, 0,43 A, 68 W	LCA 75W 100–400mA one4all Ip PRE	Vf: 5,8-6,6 V, If: 150 mA, CCT: 2700-6500 K
RSL5xx-68xx-P4	220-240 Vac, 50/60 Hz, 0,43 A, 68 W	Xitanium 90W 0.25-0.7A 220V TD21 S 230V	
RSL5xx-75xx-P1	220-240 Vac, 50/60 Hz, 0,5 A, 75 W	Xitanium 75W 0.12A-0.4A 220V 230V	
RSL5xx-75xx-P4	220-240 Vac, 50/60 Hz, 0,5 A, 75 W	Xitanium 90W 0.25-0.7A 220V TD21 S 230V	
RSL5xx-75xx-C4	220-240 Vac, 50/60 Hz, 0,5 A, 75 W	ID LCCB 75/200/050-400 DALI NFC FV1	Vf: 8,8-9,4 V, If: 100 mA, CCT: 2700-6500 K
RSL7xx-64xx-P1	220-240 Vac, 50/60 Hz, 0,4 A, 64 W	Xitanium 65W 200-350mA 185V DS 230V	
RSL7xx-64xx-S1	220-240 Vac, 50/60 Hz, 0,4 A, 64 W	OT FIT 65/220-240/350 D CS L	
RSL7xx-64xx-T1	220-240 Vac, 50/60 Hz, 0,4 A, 64 W	LC 65/200-350/210 flexC Ip SNC4	
RSL7xx-75xx-P1	220-240 Vac, 50/60 Hz, 0,5 A, 75 W	Xitanium 75W 0.12A-0.4A 220V 230V	
RSL7xx-75xx-P4	220-240 Vac, 50/60 Hz, 0,5 A, 75 W	Xitanium 90W 0.25-0.7A 220V TD21 S 230V	
RSL7xx-75xx-C4	220-240 Vac, 50/60 Hz, 0,5 A, 75 W	ID LCCB 75/200/050-400 DALI NFC FV1	
RSL7xx-88xx-P1	220-240 Vac, 50/60 Hz, 0,6 A, 88 W	Xitanium 90W 0.25-0.7A 220V 21 230V	
RSL7xx-88xx-P4	220-240 Vac, 50/60 Hz, 0,6 A, 88 W	Xitanium 90W 0.25-0.7A 220V TD21 S 230V	
RSL7xx-120xx-S1	220-240 Vac, 50/60 Hz, 0,6 A, 88 W	IT FIT 120/220-240/750 D CS L	

Remark:

Model No. explanation: RSLxxx-xxx-xx

1. RSL stands for E-line;
2. 1st "x" stands for product length, can be:
4 (1152 mm), 5 (1438 mm), 7 (2012 mm);
3. 2nd "x" stands for luminous efficiency, can be:
D (< 160 lm/w), S (160-170 lm/w), H (170-180 lm/w), P (180-190 lm/w), T (190-200 lm/w), V (> 200 lm/w);
4. 3rd "x" stands for the colour of the product or blank, can be:
W (white), B (black), S (silver);
5. 4th "x" stands for the maximum power of the product, can be:
35 (35 W), 40 (40 W), 60 (60 W), 64 (64 W), 68 (68 W), 75 (75 W), 88 (88 W), 120 (120 W);
6. 5th "x" stands for the cct & cri, can be:
W1 (2700K CRI 80 SDCM≤5), W2 (3000K CRI 80 SDCM≤5), W3 (3500K CRI 80 SDCM≤5),
N1 (4000K CRI 80 SDCM≤5), N2 (4500K CRI 80 SDCM≤5), P1 (5000K CRI 80 SDCM≤5),
P2 (5500K CRI 80 SDCM≤5), C1 (6000K CRI 80 SDCM≤5), C2 (6500K CRI 80 SDCM≤5),
A1 (2700K CRI 80 SDCM≤3), A2 (3000K CRI 80 SDCM≤3), A3 (3500K CRI 80 SDCM≤3),
A4 (4000K CRI 80 SDCM≤3), A5 (4500K CRI 80 SDCM≤3), A6 (5000K CRI 80 SDCM≤3),
A7 (6000K CRI 80 SDCM≤3), A8 (6500K CRI 80 SDCM≤3), A9 (5500K CRI 80 SDCM≤3);
7. 6th "x" stands for the face cover and beam angle, can be:
FF (PC 120°), FP (PMMA 120°), CF (120°), WD (90°), NR (60°), SP (30°), DS (bidirectional 25°),
DA (unidirectional 15°);
8. 7th "x" followed by P,S,T,B,C, indicates the driver, can be:
P (Philips), S (Osram), T (Triodnic), B (BOKE), C (Cupower);
9. 8th "x" stands for conventional function, can be:
1 (ON/OFF function), 3 (1-10V function), 4: (DALI function)

For trunking rails: TKAx-xx-00

1. TKA stands for E-line;
2. 1st "x" stands for length of trunking, can be:
4 (1151 mm), 5 (1438 mm), 7 (2012 mm), 9 (2877 mm), 13 (4024 mm), 14 (4315 mm);
3. 2nd "x" stands for number of through wire, can be:
05 (5 wires), 07 (7 wires)
4. 3rd "x" stands for the colour of trunking, can be:
W (white), B (black), S (silver);
5. 00 stands for serial number.

Trunking rail	LED module
TKA4-05x-00	RSL4xx (1 pcs)
TKA4-07x-00	RSL4xx (1 pcs)
TKA5-05x-00	RSL5xx (1 pcs)
TKA5-07x-00	RSL5xx (1 pcs)
TKA7-05x-00	RSL7xx (1 pcs)
TKA7-07x-00	RSL7xx (1 pcs)
TKA9-05x-00	RSL5xx (2 pcs)
TKA9-07x-00	RSL5xx (2 pcs)
TKA13-05x-00	RSL7xx (2 pcs)
TKA13-07x-00	RSL7xx (2 pcs)
TKA14-05x-00	RSL5xx (3 pcs)
TKA14-07x-00	RSL5xx (3 pcs)

Model	Rating	LED Driver	LED
RIP4xx-35xx-P1	220-240 Vac, 50/60 Hz, 0,22 A, 35 W	Xitanium 44W 200-350mA 125V DS 230V	Vf: 2,8-3,2 V, If: 60 mA,

RIP4xx-35xx-S1	220-240 Vac, 50/60 Hz, 0,22 A, 35 W	OT FIT 65/220-240/350 D CS L	CCT: 2700-6500 K	
RIP4xx-35xx-T1	220-240 Vac, 50/60 Hz, 0,22 A, 35 W	LC 35/200-350/ flexC Ip SNC4		
RIP4xx-40xx-P4	220-240 Vac, 50/60 Hz, 0,4 A, 40 W	Xitanium 90W 0.25-0.7A 220V TD21 S 230V		
RIP4xx-40xx-C4	220-240 Vac, 50/60 Hz, 0,4 A, 40 W	ID LCCB 75/200/050-400 DALI NFC FV1		
RIP5xx-70xx-B4	220-240 Vac, 50/60 Hz, 0,5 A, 70 W	BK-DAL080-2000Ad		
RIP5xx-70xx-B3	220-240 Vac, 50/60 Hz, 0,5 A, 70 W	BK-KHL080-2000Am		
RIP5xx-60xx-P1	220-240 Vac, 50/60 Hz, 0,4 A, 60 W	Xitanium 65W 200-350mA 185V DS 230V		
RIP5xx-60xx-S1	220-240 Vac, 50/60 Hz, 0,4 A, 60 W	OT FIT 65/220-240/350 D CS L		
RIP5xx-60xx-T1	220-240 Vac, 50/60 Hz, 0,4 A, 60 W	LC 65/200-350/210 flexC Ip SNC4		
RIP5xx-68xx-P1	220-240 Vac, 50/60 Hz, 0,45 A, 68 W	Xitanium 75W 0.12A-0.4A 220V 230V		
RIP5xx-68xx-T4	220-240 Vac, 50/60 Hz, 0,45 A, 68 W	LCA 75W 100–400mA one4all Ip PRE		
RIP5xx-68xx-P4	220-240 Vac, 50/60 Hz, 0,45 A, 68 W	Xitanium 90W 0.25-0.7A 220V TD21 S 230V		
RIP5xx-75xx-P1	220-240 Vac, 50/60 Hz, 0,5 A, 75 W	Xitanium 75W 0.12A-0.4A 220V 230V		Vf: 5,8-6,6 V, If: 150 mA, CCT: 2700-6500 K
RIP5xx-75xx-P4	220-240 Vac, 50/60 Hz, 0,5 A, 75 W	Xitanium 90W 0.25-0.7A 220V TD21 S 230V		
RIP5xx-75xx-C4	220-240 Vac, 50/60 Hz, 0,5 A, 75 W	ID LCCB 75/200/050-400 DALI NFC FV1		
RIP7xx-64xx-P1	220-240 Vac, 50/60 Hz, 0,4 A, 64 W	Xitanium 65W 200-350mA 185V DS 230V		
RIP7xx-64xx-S1	220-240 Vac, 50/60 Hz, 0,4 A, 64 W	OT FIT 65/220-240/350 D CS L	Vf: 8,8-9,4 V, If: 100 mA, CCT: 2700-6500 K	
RIP7xx-64xx-T1	220-240 Vac, 50/60 Hz, 0,4 A, 64 W	LC 65/200-350/210 flexC Ip SNC4		
RIP7xx-75xx-P1	220-240 Vac, 50/60 Hz, 0,5 A, 75 W	Xitanium 75W 0.12A-0.4A 220V 230V		
RIP7xx-75xx-P4	220-240 Vac, 50/60 Hz, 0,5 A, 75 W	Xitanium 90W 0.25-0.7A 220V TD21 S 230V		
RIP7xx-75xx-C4	220-240 Vac, 50/60 Hz, 0,5 A, 75 W	ID LCCB 75/200/050-400 DALI NFC FV1		
RIP7xx-88xx-P1	220-240 Vac, 50/60 Hz, 0,6 A, 88 W	Xitanium 90W 0.25-0.7A 220V 21 230V		
RIP7xx-88xx-P4	220-240 Vac, 50/60 Hz, 0,6 A, 88 W	Xitanium 90W 0.25-0.7A 220V TD21 S 230V		
RIP7xx-120xx-S1	220-240 Vac, 50/60 Hz, 0,8 A, 88 W	IT FIT 120/220-240/750 D CS L		
Remark: Model No. explanation: RIPxxx-xxx-xx 10. RIP stands for N-line 11. 1 st "x" stands for product length, can be: 4 (1164 mm), 5 (1451 mm), 7 (2025 mm);				

12. 2nd "x" stands for luminous efficiency, can be:
D (<160 lm/w), S (160-170 lm/w), H (170-180 lm/w), P (180-190 lm/w), T (190-200 lm/w), V (>200 lm/w);
13. 3rd "x" stands for the colour of the product or blank, can be:
W (white), B (black), S (silver);
14. 4th "x" stands for the maximum power of the product, can be:
35 (35 W), 40 (40 W), 60 (60 W), 64 (64 W), 68 (68 W), 70 (70 W), 75 (75 W), 88 (88 W),
120 (120 W);
15. 5th "x" stands for the cct & cri, can be:
W1 (2700K CRI 80 SDCM≤5), W2 (3000K CRI 80 SDCM≤5), W3 (3500K CRI 80 SDCM≤5),
N1 (4000K CRI 80 SDCM≤5), N2 (4500K CRI 80 SDCM≤5), P1 (5000K CRI 80 SDCM≤5),
P2 (5500K CRI 80 SDCM≤5), C1 (6000K CRI 80 SDCM≤5), C2 (6500K CRI 80 SDCM≤5),
A1 (2700K CRI 80 SDCM≤3), A2 (3000K CRI 80 SDCM≤3), A3 (3500K CRI 80 SDCM≤3),
A4 (4000K CRI 80 SDCM≤3), A5 (4500K CRI 80 SDCM≤3), A6 (5000K CRI 80 SDCM≤3),
A7 (6000K CRI 80 SDCM≤3), A8 (6500K CRI 80 SDCM≤3), A9 (5500K CRI 80 SDCM≤3);
16. 6th "x" stands for the face cover and beam angle, can be:
FF (PC 120°), FP (PMMA 120°), CF (120°), WD (90°), NR (60°), SP (30°), DS (bidirectional 25°), DA
(unidirectional 15°);
17. 7th "x" stands for the driver, can be:
P (Philips), S (Osram), T (Triodnic), B (BOKE), C (Cupower);
18. 8th "x" stands for conventional function, can be:
1 (ON/OFF function), 3 (1-10V function), 4 (DALI function)

For trunking rails: TNBx-x-xx-00

6. TKB stands for N-line;
7. 1st "x" stands for length of trunking, can be:
4 (1165 mm), 5 (1450 mm), 7 (2024 mm), 9 (2901 mm), 13 (4048 mm), 14 (4352 mm);
8. 2nd "x" stands for number of through wire, can be:
05 (5 wires), 07 (7 wires);
9. 3rd "x" stands for the colour of trunking, can be:
W (white), B (black), S (silver);
10. 00 stands for serial number.

Trunking rail	LED module
TKB4-05x-00	RIP4xx (1 pcs)
TKB4-07x-00	RIP4xx (1 pcs)
TKB5-05x-00	RIP5xx (1 pcs)
TKB5-07x-00	RIP5xx (1 pcs)
TKB7-05x-00	RIP7xx (1 pcs)
TKB7-07x-00	RIP7xx (1 pcs)
TKB9-05x-00	RIP5xx (2 pcs)
TKB9-07x-00	RIP5xx (2 pcs)
TKB13-05x-00	RIP7xx (2 pcs)
TKB13-07x-00	RIP7xx (2 pcs)
TKB14-05x-00	RIP5xx (3 pcs)
TKB14-07x-00	RIP5xx (3 pcs)