

# EMC Test Report

Product: LED Streetlight

Model: All models refer to model list of Page 3 to 6

Applicant: Ningbo Skyzon Energy Co.,Ltd.

No.19,KeSan Road,315600 Ninghai, Ningbo, PEOPLE'S REPUBLIC OF CHINA

In accordance with EN 55014-1, EN 55014-2,  
EN 61000-3-2 and EN 61000-3-3

COMMERCIAL-IN-CONFIDENCE



Issue Date: 07/17/2020

Report Number: 708881701411-03



China

Add value.  
Inspire trust.

RESPONSIBLE FOR	NAME	SIGNATURE	DATE
Approved By	Yong ZHANG		July 17, 2020
Prepared By	Yongqing ZHENG		July 17, 2020

Signatures in this approval box have checked this document in line with the requirements of TÜV SÜD Product Service control rules.

## EXECUTIVE SUMMARY

This product was found to be in compliance with EN 55015:2013/A1:2015, EN 61547:2009, EN 61000-3-2:2014 and EN 61000-3-3:2013

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**GENERAL REMARKS:**

**NOTICE:** *This report is a SUPPLEMENT OF PROJECT 708881701411-00, 708881701411-01 and 708881701411-02. So the report is not valid without the report of 708881701411-00, 708881701411-01 and 708881701411-02.*

According to the client's request, the Applicant, Manufacturer and License Holder were changed from Everlite LED Lighting Co., Limited (Room 2105, Trend Centre, 29-31, Cheung Lee Street, Chaiwan, Hong Kong) to Ningbo Skyzon Energy Co.,Ltd.( No.19,KeSan Road, 315600 Ninghai, Ningbo, PEOPLE'S REPUBLIC OF CHINA).

New alternative LED chips was added, LED chips are passive components, have little effect on the test results, so there is no additional test need to be performed. The results as before are accepted.

Details see the following table.

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity <sup>1)</sup>
LED chips	CREE	XP-G3 LEDs	Vf=2.73-3.06V; If=Max.2000Ma; 2700-6500K	IEC TR62778 EN62471	Test with appliance

Model list

Model list	Rated power	LED Driver	
EL-SL18MA-20	20W	EBS-040S070DTE	OT 40/120-277/1A0 4DIMLT2 E
		EBS-040S070BTE	
EL-SL18MA-30	30W	EBS-040S070DTE	OT 40/120-277/1A0 4DIMLT2 E
		EBS-040S070BTE	
EL-SL18MA-40	40W	EBS-040S070DTE	OT 40/120-277/1A0 4DIMLT2 E
		EBS-040S070BTE	
EL-SL18MA-50	50W	EBS-080S070DTE	OT 60/170-240/1A0 4DIMLT2 E
		EBS-080S070BTE	
EL-SL18MA-60	60W	EBS-080S070DTE	OT 60/170-240/1A0 4DIMLT2 E
		EBS-080S070BTE	
EL-SL18MA-70	70W	EBS-080S070DTE	OT 90/170-240/1A0 4DIMLT2 E
		EBS-080S070BTE	
EL-SL18MA-80	80W	EBS-080S070DTE	OT 90/170-240/1A0 4DIMLT2 E
		EBS-080S070BTE	
EL-SL18MA-90	90W	EBS120S105DTE	OT 90/170-240/1A0 4DIMLT2 E
		EBS-120S105BTE	
EL-SL18LA-90	90W	EBS-120S070DTE	OT 90/170-240/1A0 4DIMLT2 E
		EBS-120S070BTE	
EL-SL18LA-100	100W	EBS-120S070DTE	OT 165/170-240/1A0 4DIMLT2 E
		EBS-120S070BTE	
EL-SL18LA-120	120W	EBS-120S070DTE	OT 165/170-240/1A0 4DIMLT2 E
		EBS-120S070BTE	
EL-SL18LA-150	150W	EBS-160S070DTE	OT 165/170-240/1A0 4DIMLT2 E
		EBS-160S070BTE	
EL-SL18LA-160	160W	EBS-160S070DTE	OT 165/170-240/1A0 4DIMLT2 E
		EBS-160S070BTE	
EL-SL58(S)-20	20W	EBS-040S070DTE	OT 40/120-277/1A0 4DIMLT2 E
		EBS-040S070BTE	
EL-SL58(S)-30	30W	EBS-040S070DTE	OT 40/120-277/1A0 4DIMLT2 E
		EBS-040S070BTE	
EL-SL58(S)-40	40W	EBS-040S070DTE	OT 40/120-277/1A0 4DIMLT2 E
		EBS-040S070BTE	
EL-SL58(S)-50	50W	EBS-080S070DTE	OT 60/170-240/1A0 4DIMLT2 E
		EBS-080S070BTE	
EL-SL58(S)-60	60W	EBS-080S070DTE	OT 60/170-240/1A0 4DIMLT2 E
		EBS-080S070BTE	
EL-SL58-30	30W	EBS-040S070DTE	OT 40/120-277/1A0 4DIMLT2 E
		EBS-040S070BTE	
EL-SL58-40	40W	EBS-040S070DTE	OT 40/120-277/1A0 4DIMLT2 E
		EBS-040S070BTE	
EL-SL58-50	50W	EBS-080S070DTE	OT 60/170-240/1A0 4DIMLT2 E
		EBS-080S070BTE	
EL-SL58-60	60W	EBS-080S070DTE	OT 60/170-240/1A0 4DIMLT2 E
		EBS-080S070BTE	
EL-SL58-70	70W	EBS-080S070D TE	OT 90/170-240/1A0 4DIMLT2 E
		EBS-080S070BTE	
EL-SL58-80	80W	EBS-080S070DTE	OT 90/170-240/1A0 4DIMLT2 E
		EBS-080S070BTE	
EL-SL58-90	90W	EBS-120S070DTE	OT 90/170-240/1A0 4DIMLT2 E
		EBS-120S070BTE	
EL-SL58-100	100W	EBS-120S070DTE	OT 165/170-240/1A0 4DIMLT2 E
		EBS-120S070BTE	

EL-SL58-120	120W	EBS-120S070DTE EBS-120S070BTE	OT 165/170-240/1A0 4DIMLT2 E
EL-SL11(Mini)-20	20W	EBS-040S070DTE EBS-040S070BTE	OT 40/120-277/1A0 4DIMLT2 E
EL-SL11(Mini)-30	30W	EBS-040S070DTE EBS-040S070BTE	OT 40/120-277/1A0 4DIMLT2 E
EL-SL11(Mini)-40	40W	EBS-040S070DTE EBS-040S070BTE	OT 40/120-277/1A0 4DIMLT2 E
EL-SL11(S)-50	50W	EBS-080S070DTE EBS-080S070BTE	OT 60/170-240/1A0 4DIMLT2 E
EL-SL11(S)-60	60W	EBS-080S070DTE EBS-080S070BTE	OT 60/170-240/1A0 4DIMLT2 E
EL-SL11(S)-70	70W	EBS-080S070DTE EBS-080S070BTE	OT 90/170-240/1A0 4DIMLT2 E
EL-SL11(S)-80	80W	EBS-080S070DTE EBS-080S070BTE	OT 90/170-240/1A0 4DIMLT2 E
EL-SL11(M)-90	90W	EBS-120S070DTE EBS-120S070BTE	OT 90/170-240/1A0 4DIMLT2 E
EL-SL11(M)-100	100W	EBS-120S070DTE EBS-120S070BTE	OT 165/170-240/1A0 4DIMLT2 E
EL-SL11(M)-120	120W	EBS-120S070DTE EBS-120S070BTE	OT 165/170-240/1A0 4DIMLT2 E
EL-SL11(L)-150	150W	EBS-160S070DTE EBS-160S070BTE	OT 165/170-240/1A0 4DIMLT2 E
EL-SL11(L)-160	160W	EBS-160S070DTE EBS-160S070BTE	OT 165/170-240/1A0 4DIMLT2 E
EL-SL11(L)-180	180W	EBS-120S070DTEX2 EBS-120S070BTEX2	OT 90/170-240/1A0 4DIMLT2 EX2
EL-SL11(L)-200	200W	EBS-120S070DTEX2 EBS-120S070BTEX2	OT 165/170-240/1A0 4DIMLT2 EX2
EL-SL11(L)-220	220W	EBS-120S070DTEX2 EBS-120S070BTEX2	OT 165/170-240/1A0 4DIMLT2 EX2
EL-SL11(L)-240	240W	EBS-120S070DTEX2 EBS-120S070BTEX2	OT 165/170-240/1A0 4DIMLT2 EX2
EL-SL68(Mini)-20	20W	EBS-040S070DTE EBS-040S070BTE	OT 40/120-277/1A0 4DIMLT2 E
EL-SL68(Mini)-30	30W	EBS-040S070DTE EBS-040S070BTE	OT 40/120-277/1A0 4DIMLT2 E
EL-SL68(Mini)-40	40W	EBS-040S070DTE EBS-040S070BTE	OT 40/120-277/1A0 4DIMLT2 E
EL-SL68(S)-50	50W	EBS-080S070DTE EBS-080S070BTE	OT 60/170-240/1A0 4DIMLT2 E
EL-SL68(S)-60	60W	EBS-080S070DTE EBS-080S070BTE	OT 60/170-240/1A0 4DIMLT2 E
EL-SL68(S)-70	70W	EBS-080S070DTE EBS-080S070BTE	OT 90/170-240/1A0 4DIMLT2 E
EL-SL68(S)-80	80W	EBS-080S070DTE EBS-080S070BTE	OT 90/170-240/1A0 4DIMLT2 E
EL-SL68(M)-90	90W	EBS-120S070DTE EBS-120S070BTE	OT 90/170-240/1A0 4DIMLT2 E
EL-SL68(M)-100	100W	EBS-120S070DTE EBS-120S070BTE	OT 165/170-240/1A0 4DIMLT2 E
EL-SL68(M)-120	120W	EBS-120S070DTE EBS-120S070BTE	OT 165/170-240/1A0 4DIMLT2 E

EL-SL68(L)-150	150W	EBS-160S070DTE	OT 165/170-240/1A0 4DIMLT2 E
		EBS-160S070BTE	
EL-SL68(L)-160	160W	EBS-160S070DTE	OT 165/170-240/1A0 4DIMLT2 E
		EBS-160S070BTE	
EL-SL68(L)-180	180W	EBS-120S070DTEX2	OT 90/170-240/1A0 4DIMLT2 EX2
		EBS-120S070BTEX2	
EL-SL68(L)-200	200W	EBS-120S070DTEX2	OT 165/170-240/1A0 4DIMLT2 EX2
		EBS-120S070BTEX2	
EL-SL68(L)-220	220W	EBS-120S070DTEX2	OT 165/170-240/1A0 4DIMLT2 EX2
		EBS-120S070BTEX2	
EL-SL68(L)-240	240W	EBS-120S070DTEX2	OT 165/170-240/1A0 4DIMLT2 EX2
		EBS-120S070BTEX2	
EL-SL10(1)-30	30W	EBS-040S105DTE	OT 40/120-277/1A0 4DIMLT2 E
		EBS-040S105BTE	
EL-SL10(1)-40	40W	EBS-040S105DTE	OT 40/120-277/1A0 4DIMLT2 E
		EBS-040S105BTE	
EL-SL10(1)-50	50W	EBS-080S105DTE	OT 60/170-240/1A0 4DIMLT2 E
		EBS-080S105BTE	
EL-SL10(1)-60	60W	EBS-080S105DTE	OT 60/170-240/1A0 4DIMLT2 E
		EBS-080S105BTE	
EL-SL10(1)-70	70W	EBS-080S105DTE	OT 90/170-240/1A0 4DIMLT2 E
		EBS-080S105BTE	
EL-SL10(1)-80	80W	EBS-080S105DTE	OT 90/170-240/1A0 4DIMLT2 E
		EBS-080S105BTE	
EL-SL10(2)-90	90W	EBS-120S105DTE	OT 90/170-240/1A0 4DIMLT2 E
		EBS-120S105BTE	
EL-SL10(2)-100	100W	EBS-120S105DTE	OT 165/170-240/1A0 4DIMLT2 E
		EBS-120S105BTE	
EL-SL10(2)-120	120W	EBS-120S105DTE	OT 165/170-240/1A0 4DIMLT2 E
		EBS-120S105BTE	
EL-SL10(3)-150	150W	EBS-160S105DTE	OT 165/170-240/1A0 4DIMLT2 E
		EBS-160S105BTE	
EL-GL01-20	20W	EBS-040S070DTE	OT 40/120-277/1A0 4DIMLT2 E
		EBS-040S070BTE	
EL-GL01-30	30W	EBS-040S070DTE	OT 40/120-277/1A0 4DIMLT2 E
		EBS-040S070BTE	
EL-GL01-40	40W	EBS-040S070DTE	OT 40/120-277/1A0 4DIMLT2 E
		EBS-040S070BTE	
EL-GL01-50	50W	EBS-080S070DTE	OT 60/170-240/1A0 4DIMLT2 E
		EBS-080S070BTE	
EL-GL01-60	60W	EBS-080S070DTE	OT 60/170-240/1A0 4DIMLT2 E
		EBS-080S070BTE	
EL-GL01-70	70W	EBS-080S070DTE	OT 90/170-240/1A0 4DIMLT2 E
		EBS-080S070BTE	
EL-GL01-80	80W	EBS-080S070DTE	OT 90/170-240/1A0 4DIMLT2 E
		EBS-080S070BTE	
EL-GL01-90	90W	EBS-120S070DTE	OT 90/170-240/1A0 4DIMLT2 E
		EBS-120S070BTE	
EL-GL01-100	100W	EBS-120S070DTE	OT 165/170-240/1A0 4DIMLT2 E
		EBS-120S070BTE	
Condira (Mini)-20	20W	EBS-040S070DTE	OT 40/120-277/1A0 4DIMLT2 E
		EBS-040S070BTE	
Condira (Mini)-30	30W	EBS-040S070DTE	OT 40/120-277/1A0 4DIMLT2 E
		EBS-040S070BTE	
Condira (Mini)-40	40W	EBS-040S070DTE	OT 40/120-277/1A0 4DIMLT2 E



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		EBS-040S070BTE	
Condira (S)-50	50W	EBS-080S070DTE	OT 60/170-240/1A0 4DIMLT2 E
		EBS-080S070BTE	
Condira (S)-60	60W	EBS-080S070DTE	OT 60/170-240/1A0 4DIMLT2 E
		EBS-080S070BTE	
Condira (S)-70	70W	EBS-080S070DTE	OT 90/170-240/1A0 4DIMLT2 E
		EBS-080S070BTE	
Condira (S)-80	80W	EBS-080S070D TE	OT 90/170-240/1A0 4DIMLT2 E
		EBS-080S070BTE	
Condira (M)-90	90W	EBS-120S070DTE	OT 90/170-240/1A0 4DIMLT2 E
		EBS-120S070BTE	
Condira (M)-100	100W	EBS-120S070DTE	OT 165/170-240/1A0 4DIMLT2 E
		EBS-120S070BTE	
Condira (M)-120	120W	EBS-120S070DTE	OT 165/170-240/1A0 4DIMLT2 E
		EBS-120S070BTE	
Condira (L)-150	150W	EBS-160S070DTE	OT 165/170-240/1A0 4DIMLT2 E
		EBS-160S070BTE	
Condira (L)-160	160W	EBS-160S070DTE	OT 165/170-240/1A0 4DIMLT2 E
		EBS-160S070BTE	
Condira (L)-180	180W	EBS-120S070DTEX2	OT 90/170-240/1A0 4DIMLT2 EX2
		EBS-120S070BTEX2	
Condira (L)-200	200W	EBS-120S070DTEX2	OT 165/170-240/1A0 4DIMLT2 EX2
		EBS-120S070BTEX2	
Condira (L)-220	220W	EBS-120S070DTEX2	OT 165/170-240/1A0 4DIMLT2 EX2
		EBS-120S070BTEX2	
Condira (L)-240	240W	EBS-120S070DTEX2	OT 165/170-240/1A0 4DIMLT2 EX2
		EBS-120S070BTEX2	