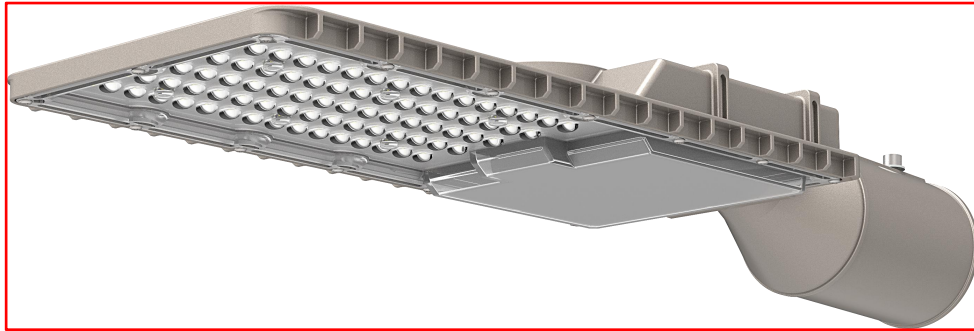


	PRODUCT GUIDELINES	Issue	03 - 12 - 2021
		Document n°	TSL-R017
	LED STRET LIGHT MAGICO	Revision n°	01.01
		Item	TSL-R017/150



Product guideline

Item Model TSL-R017/150xx

Marketing item

Description: LED STREET LIGHT

85-265VAC -150W ->1800lm, PF>0.9

300pcs SMD2835 6V, 1W

Approved issue 03 / 12 / 2021

xx= CCT value reference Signature of Technical Manager

	PRODUCT GUIDELINES	Issue	03 - 12 - 2021
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REVISION INDEX

Rev.	Date	Note	Operator
01. 01	03 -12 - 2021	1 st edition, CE certification	Chill

MANDATORY FEATURES

Housing: pure aluminum heat sink to ensure the best heat radiation, coated powder painting.

Resistance to the peak current through a protection diode

Philips chips design ensure the low heat generation, extend the lifespan of the lamp sources

Efficiency >120lm/W, LED efficiency>145lm/W

Beam angle 70x140° symmetrical light distribution curve, tempering glass cover with high transmittance, UV-resistant

lamp body firmly connected and sealed, water-proof IP66

With special PC lens, high efficiency output

Heavier lamp body and thicker heat sink to ensure the safe working temperature.

Performance requirements according to UNI 11248, UNI EN 13201 - 2

5 years warranty, High temperature electrolysis, EE10 transformer, 3 electrolysis solution. Large chip bridge diode, traditional IC solution, steady

With 10KV SPD to keep safe during the thunder shock weather.



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PRODUCT OVER VIEW

TECHNICAL DATA

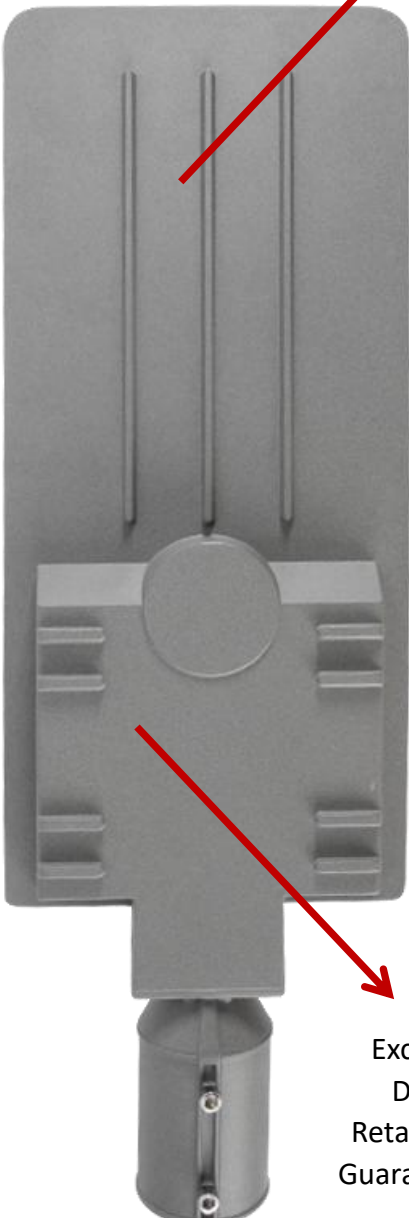
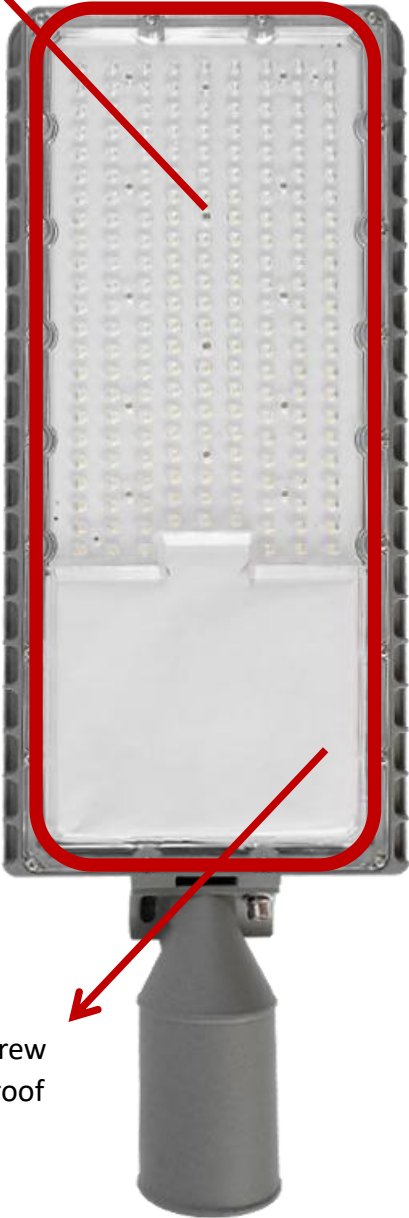
General data

Item n°	TSL-R017/150
Thelux product Code	
Series	MAGICO
Description	LED STREET LIGHT -project series 85-265VAC -150W -18000lm, PF>0.9 300pcs SMD2835 6V, 1W
LED type	SMD2835 6V 1W
Type	Outdoor street light
Nominal life (h)	80.000
Dimmable	Optional
Remote control	Optional
Premature failure rate (@1000h)	0% at 1000h
Starting time (max) (s)	<0.1s
Warm-up time to 95% of full light (s)	<0.1s
No. Of switching cycles before premature failure (min)	50.000
LED chip and Optical modules replaceable	Yes
Operation ambient temperature (°C)	-20°to +80°
Operation humidity	≤90%

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High transparency lens
 + More LED chips
 (150W 300pcs)

Thelux Original Design
 Die-casting Aluminum



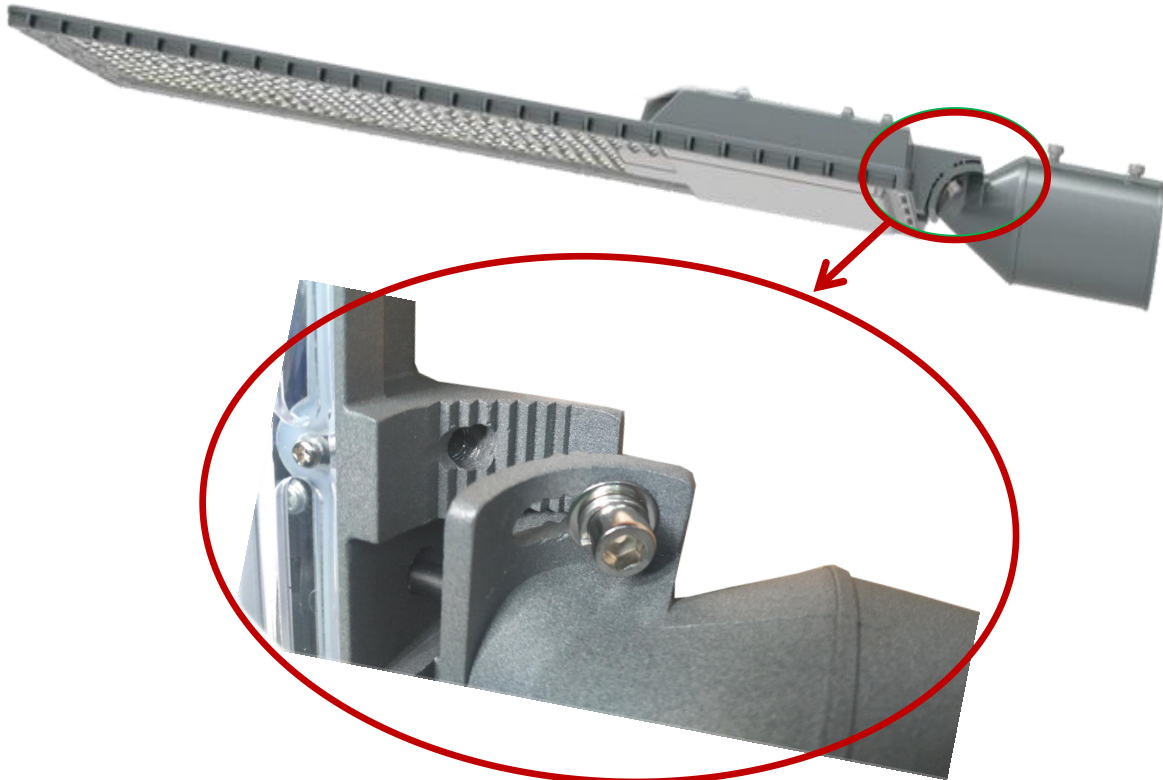
Silicone loop+screw
 Double Waterproof

Excellent Heat
 Dissipation
 Retard decay and
 Guarantee Lifespan

Optical data

Suitable for accent lighting	No
Color temperature CCT (K)	2700 to 6500K
Color Rendering Index CRI (Ra)	≥80
Beam angle (°)	70x140° , with PC lens
Nominal Luminous flux (lm)	>18000
Efficiency (lm/W)	>120
Photo-biological hazard (Group)	Risk Group Exempt

*Adjustable angle 15°



Electrical data

Operating mode	ICG (internal control gear)
Watt (Nominal) (W)	150
Voltage (V AC)	85-265
Frequency (Hz)	50~60
Current (mA)	1500x3
Power factor (PF)	≥0.9
Protection class	I
IP rating	66
LED type/model	SMD2835
LED number (pcs)	300
Driver position	Internal
Driver type	isolated constant current driver, with IC, IP65
SPD	4000V

Capabilities

Type of installation	Size of lamp holder <64mm
Type of connection	Fast connector
Housing type	pure aluminum, painting with strong powder
Lamp replacement	Yes

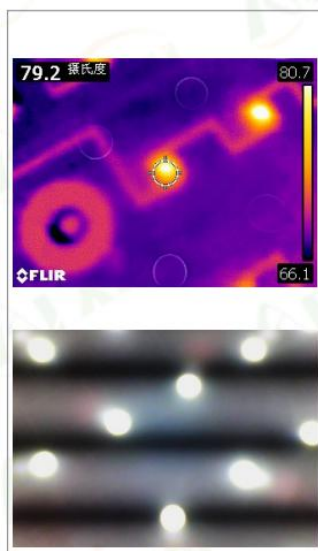
Materials and finish

Body material	Pure aluminum, V0 flame retardant
Body finish	Mat
Body color	Gray
Lens material	V0 PC

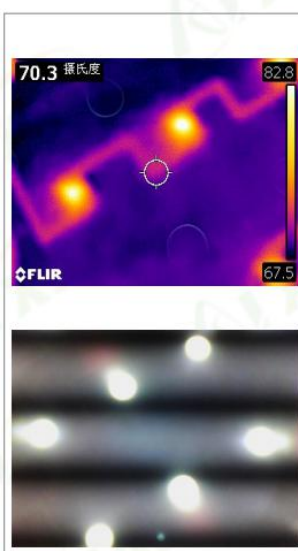
	PRODUCT GUIDELINES	Issue	03 - 12 - 2021
		Document n°	TSL-R017
	LED STRET LIGHT MAGICO	Revision n°	01.01
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Temperature testing

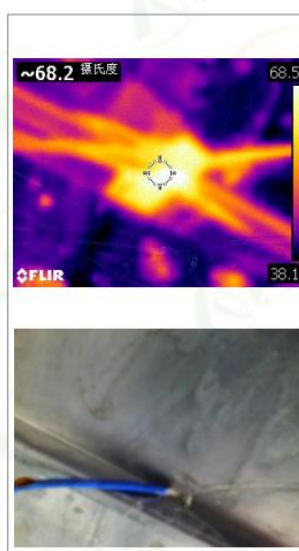
灯珠(LED junction)



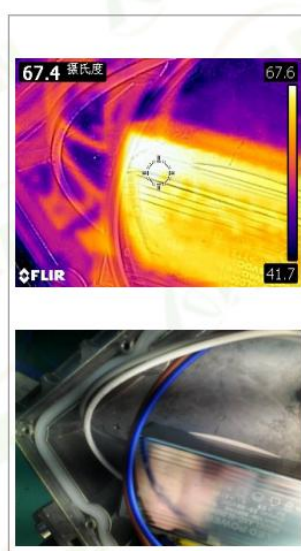
灯板(PCB)



外壳(housing)

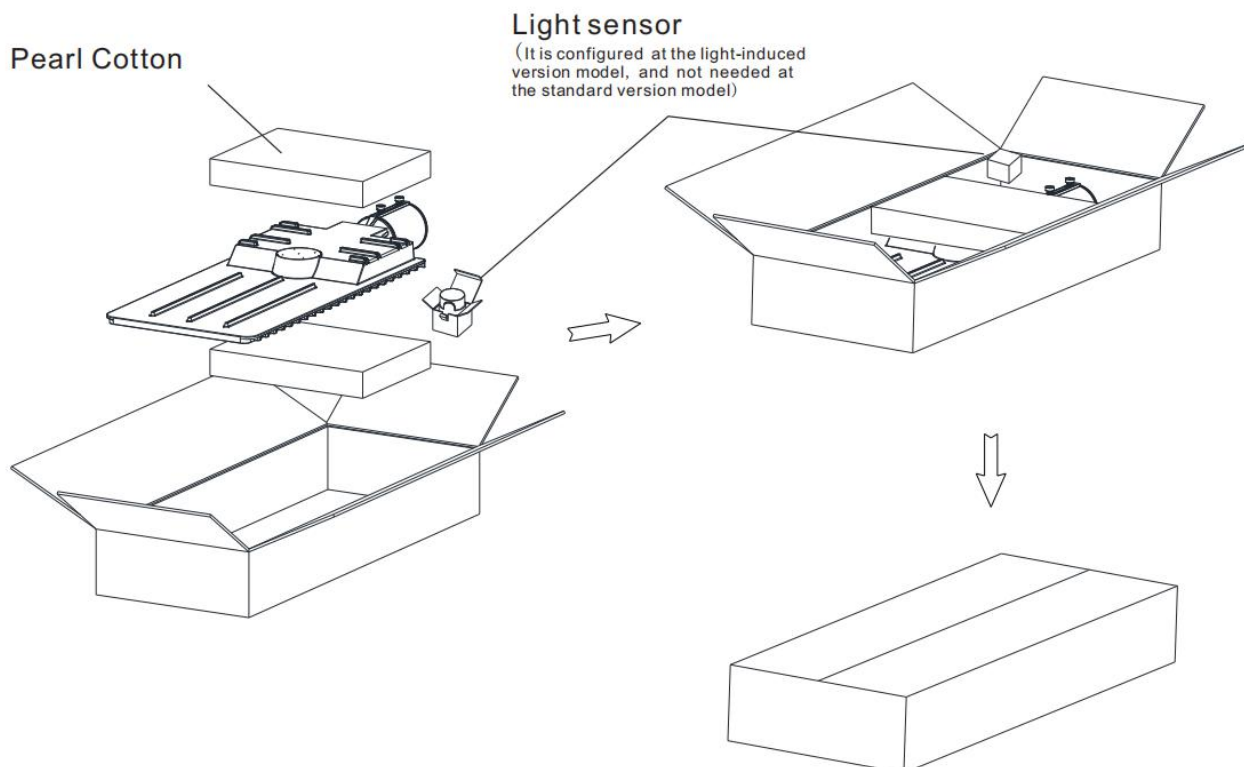


驱动电源(Driver)



Packaging

Inner box (pcs)	No
Inner box (mm)	/
Master carton (pcs)	1
Master carton dimension (mm)	680*260*100
Master carton weight G. W. (kg)	3.68



Physical data

Product size L x W x H

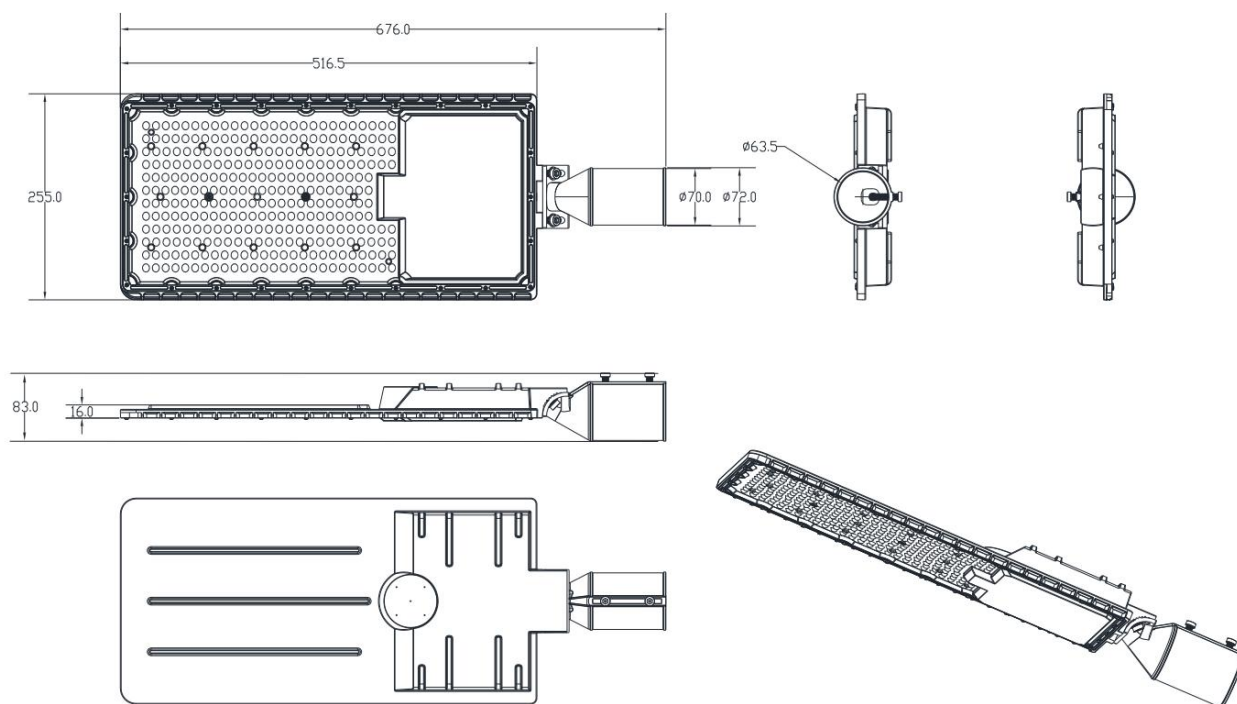
675*255*83

Weight (g)

2.84

Type

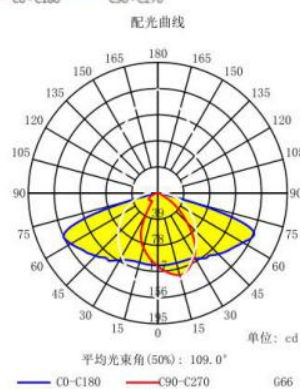
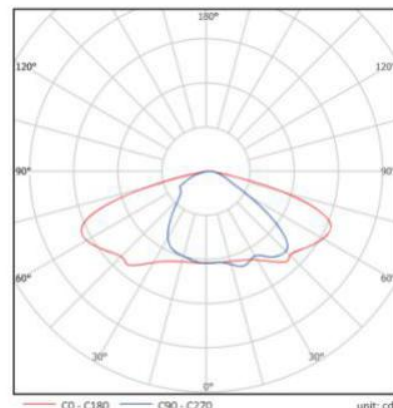
Outdoor light



PHOTOMETRIC DATA

CURVE FOTOMETRICHE

Light Distribution Options



PHOTOMETRIC FILE available

IES	File. IES	---
EULUMDAT	File .LDT	---
TM -14	File .T14	---
CIE	File .cie	---
LTLI	File .ltli	---
CINSE	File .cibse	---

3 - 5 years
warranty



Flicker free



Dimmable
on request



Certificate LED



Ecofriendly



85-265 VAC - 50/60 Hz



3200 - 4000 - 6000 K



30.000 h



≥15.000 Switch



0.001 sec - instant on



≤ 6



E27



RoHS
compliant



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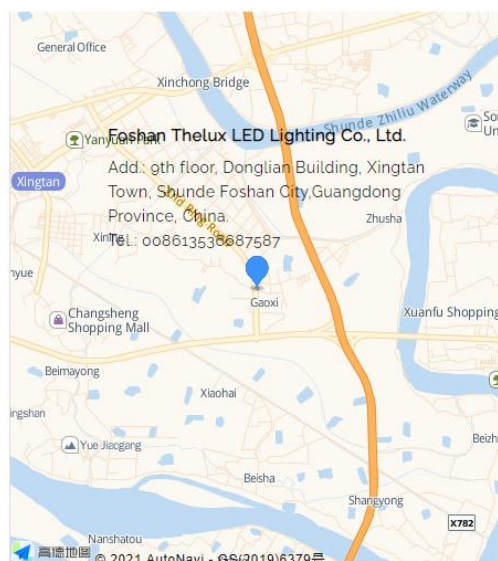


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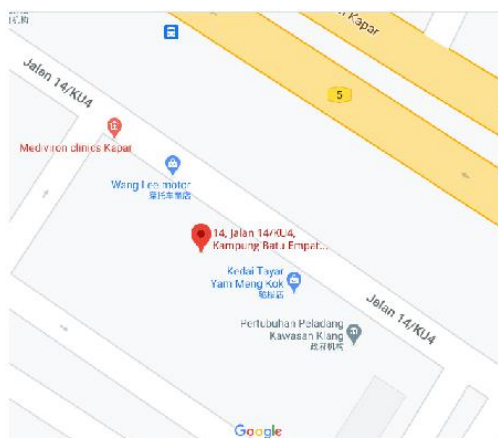
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