

NEW PILOT 50w Module

**Road & Street
Luminaires**

5 years
Guarantee



Thelux 
LED TECHNOLOGY

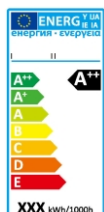
Foshan Thelux LED Lighting Co., Ltd.

LED PIONEER
 **Made in THELUX**

	PRODUCT GUIDELINES	Issue	01-07-2021
		Document n°	TSL-R027
	LED STREET LIGHT PILOT · 50W MODULE	Vision n°	02.02
		Item°	TSL-R027/200



*image of 200W, with photosensor.



Product guideline

Item Model: TSL-R027/200xx
Project item

Description: LED STREET LIGHT
85-265VAC -200W ->24000lm, PF>0.9
200pcs *Philips 3030 6v1W

Approved issue: 01 / 07 / 2021

xx= CCT value reference Signature of Technical Manager

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Electrical Specifications

Powers	200W
Lumen	24000lm
Lumen on Per Watt	120lm/W
LED Chip and Driver Brand	Philips LED and Philips Driver
LED Chip Lifetime	Ts=85°C + 100.000 hrs L70
LED Driver Lifetime	Ip67 Driver Tc<72°C + 62.000hrs
Input Voltage	200 - 305V AC
Frequency	50-60Hz
Power Factor (at Full Load)	>0.95
SPD	6KV
Total Harmonic Distortion	<%10
Operating Temperature Range	-30 ~ 60°C
Electrical Class	Class 1



Optical Specifications

Lumen	24000lm
Lumen on Per Watt	120lm/W
Lens	PC
Diffuser	Tempered Glass (IK08)
Transmittance	98%
Suitable Road Class (ME1 to ME6)	ME3/ME4/ME5/ME6
Color Rendering Index (CRI)	>70
Color Standard(3-5 Mac Adam Steps)	Ts=85°C + 100.000hrs L70
Color Temperatures	270-4000-6500K(±150K)



Mechanical Specifications

Housing	Aluminum
IP Protection	Ip66
IK Protection	Ik09 Body
Scx≤	Ts=85°C + 100.000hrs L70
Weight (kg)	6.4kg
RAL Code	Ts=85°C + 100.000hrs L70
Dimensions (mm)	81*35*13.5cm
Console Connection Side Entry	50-60mm
Console Connection Post Top	50-60mm
Consoled Angle	0° -5° -10° -15°
Recommended Installation Heights (m)	4-15m

Certifications and Reports	60598-2-3, Lm79, Lm80, Tm21, Ip66, IK08-09, CE
Warranty	5 years

PRODUCT FEATURES



LED Module



Ip66 connector

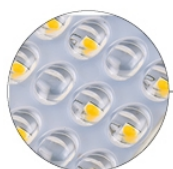


Ip68 LED driver



10-20KV SPD
(Optional)

PRODUCT INTRODUCTION



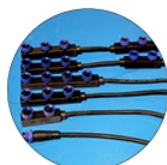
3030 SMD



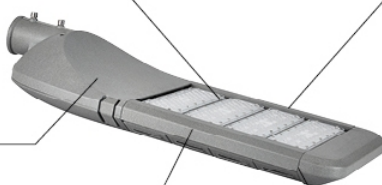
PC lens



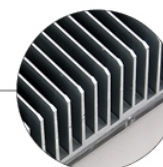
Ip68 LED driver



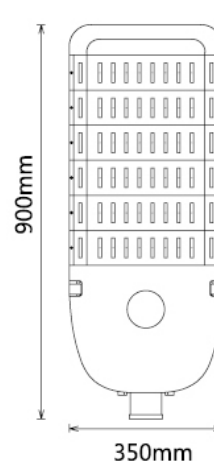
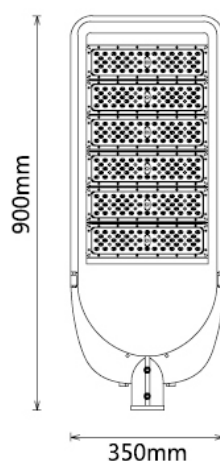
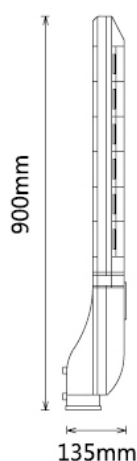
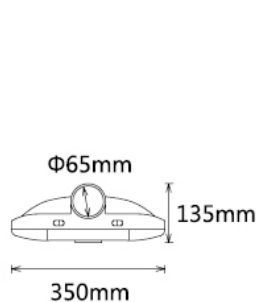
Ip68 connector

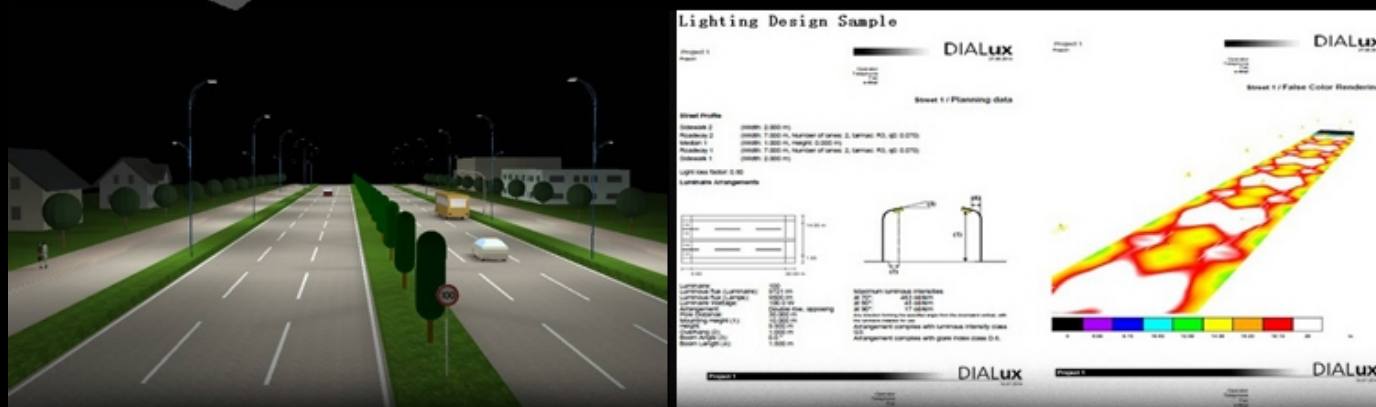
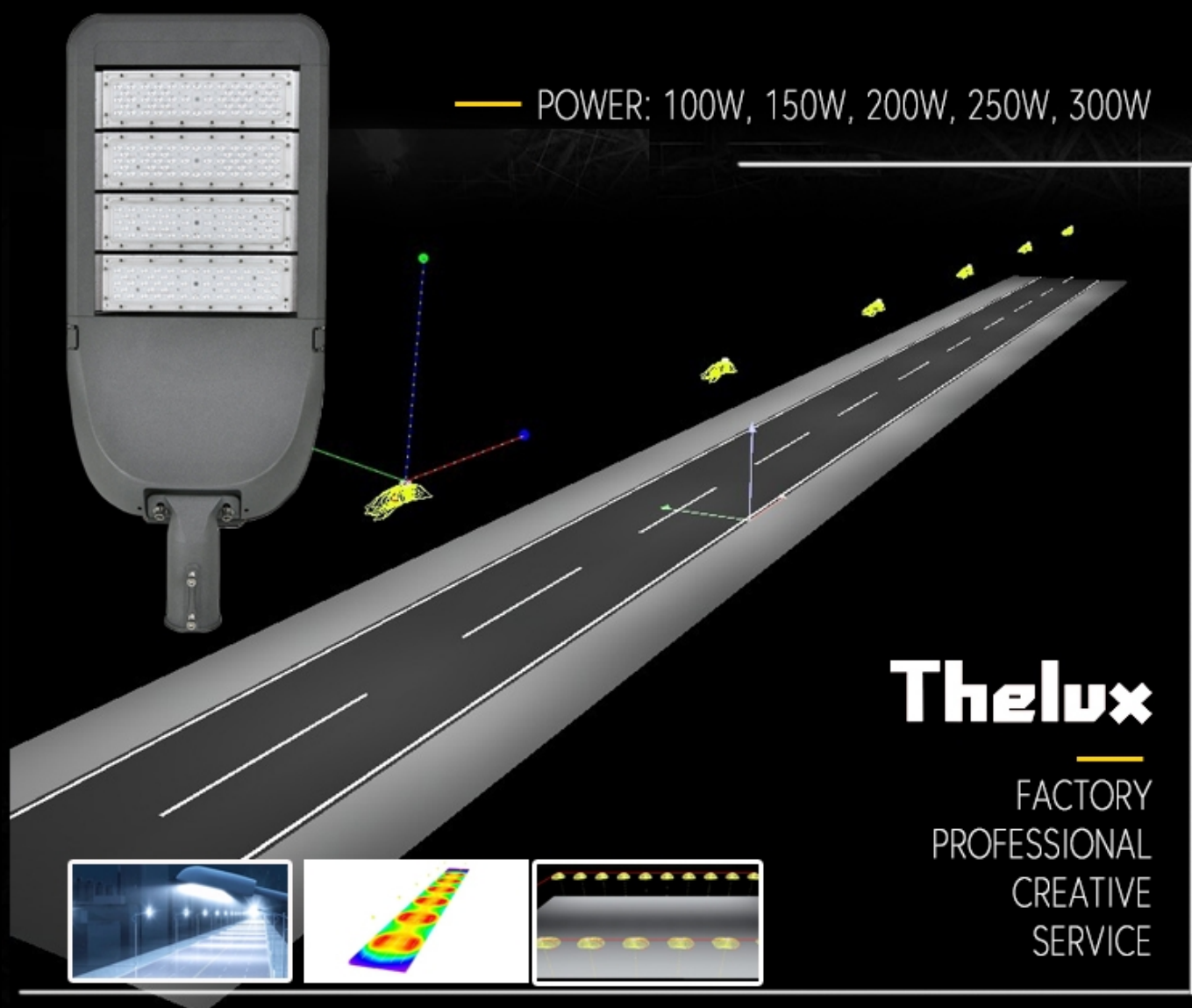


Aluminum heat sink



PRODUCT DIAGRAM



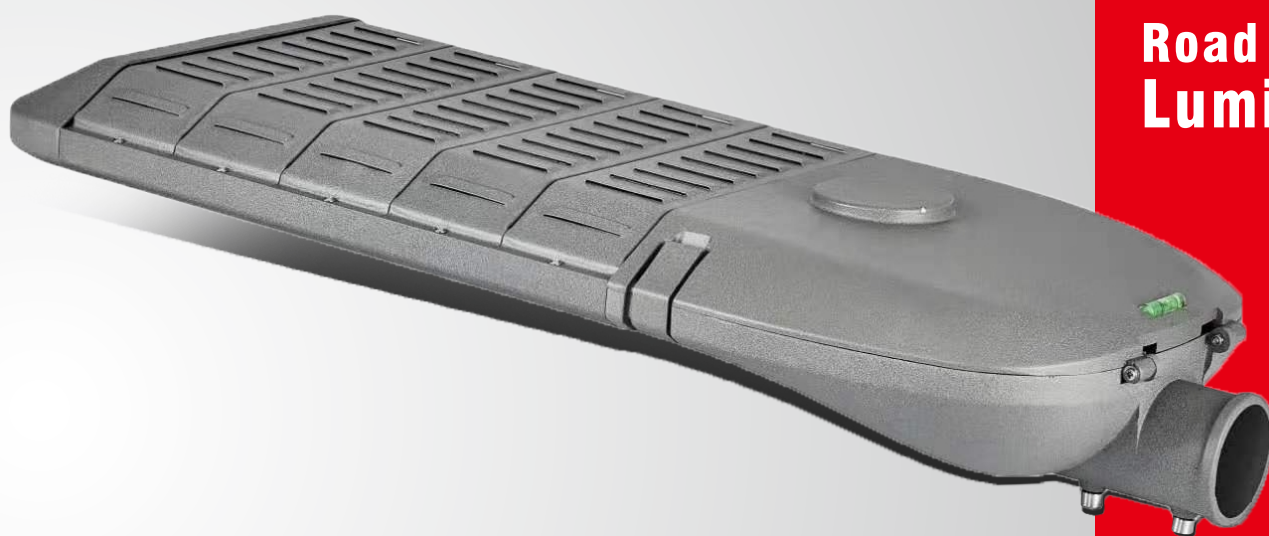


*above information by DIALux



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