

ADJUSTABLE

50/100

150/200W

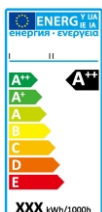
**Road & Street
Luminaires**

5 years
Guarantee

LED PIONEER
Made in THELUX



Thelux 
LED TECHNOLOGY



Product guideline

Item Model: TSL-R022

Marketing item

Description: LED STREET LIGHT

85-265VAC -50W 100W 150W 200W -

>120lm/W, PF>0.9

Approved issue: 01 / 08 / 2021

xx= CCT value reference Signature of Technical Manager

Issue	01-08-2021
Document n°	TSL-R022
Vision n°	02.01
Item°	TSL-R022



Electrical Specifications

Powers	50 100 150 200W
Lumen	6000 12000 18000 24000lm
Lumen on Per Watt	120lm/W
LED Chip and Driver Brand	Bridgelux LED and Thelux Driver
LED Chip Lifetime	Ts=85°C +100.000 hrs L70
LED Driver Lifetime	Ip65 Driver Tc<72°C +62.000hrs
Input Voltage	85-265V AC
Frequency	50-60Hz
Power Factor (at Full Load)	>0.95
SPD	4KV
Total Harmonic Distortion	<%10
Operating Temperature Range	-30 ~ 60°C
Electrical Class	Class 1



Optical Specifications

Lumen	6000 12000 18000 24000lm
Lumen on Per Watt	120lm/W
Lens	PC
Diffuser	/
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	3000-4000-6500K(±150K)



Mechanical Specifications

Housing	Die-casting Aluminum
IP Protection	Ip65
IK Protection	Ik09 Body
Scx≤	Ts=85°C + 100.000hrs L70
Weight (kg)	2 2.8 3.2 4.2kg
RAL Code	Ts=85°C + 100.000hrs L70
Dimensions (mm)	50x17x86 57x21x88 66x25x88 73.5x30x10.8cm
Console Connection Side Entry	42-60mm
Console Connection Post Top	42-60mm
Consoled Angle	0° ~90°
Recommended Installation Heights (m)	4-15m



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



2 ways for
installation

For pole arm

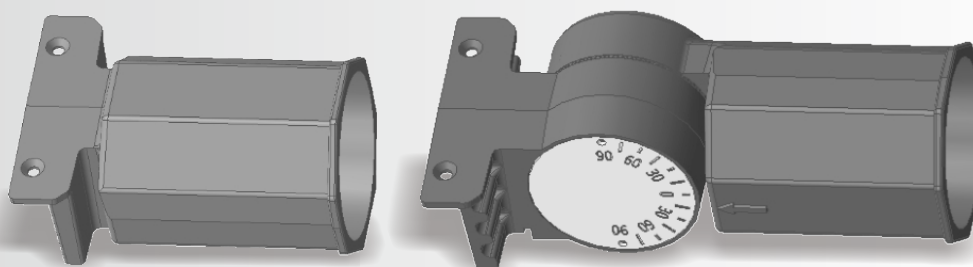


2 ways for
installation

For straight pole



2 ways of
lamp holder



FAST

Heat Radiation



4 size

50 100 150 200W







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