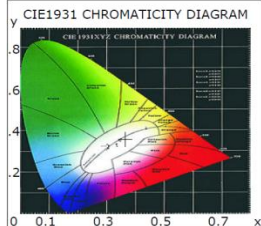
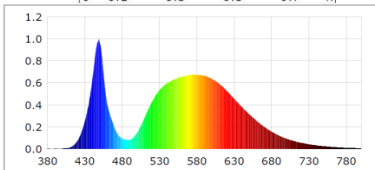


TECHNICAL DATASHEET FOR THE STREET LIGHT YC-S005-100W

Date:14.02.2025

LED STREET LIGHT DIMENSIONS	
Length	73cm
Width	29cm
Thickness	8cm
INPUT PARAMETERS	
Power Consumption	100W (+/-5%) (Tested on 230-240V)
Input driver Voltage range	80-450V*
Input Frequency	50/60Hz
Power Factor / THD	>0.95 / <10%
Power Efficiency	>88%
LED DRIVER	
LED Driver Type	Isolated Constant Current Driver
Voltage / Output current	24-40V / 1500 mA±5%
Surge	≥ 8KV
LED	
LED model	PCT3030
No. of LEDs	100 pcs
LED Efficiency	>120 lm/W
LED CCT	4500/6500K
CRI	>80-85
TRADEMARK	© OPTIMA / Y-CHEN
LED beam angle	120 degrees
LUMINARY	
Light Color	Neutral White / Cool White
Lamp Beam Angle	120 degrees
Luminary Efficacy	120 lm/W
Working Environment	-30°C - 45°C, Humidity - 95% RH
Storage temperature	-30°C - 70°C
IP rating	IP65
Rated Lamp Life (avarage)	>45 000 hours
Lamp Body	Die Casted Aluminium Alloy
Luminair Cover	Anti UV Toughened Glass
Secondary Optical Lenses	PC
Certifications	RoHS, CE
PHOTOMETRIC RESULTS	
	
	
DISCLAIMER	
*Datasheet is compiled under AC condintions and product is tested at 230-240 Volts. Voltage range written below,is maximum and minimum indicator at wich the current streetlight can operate for a certain time. This range does not imply that the product at different voltage will have the same power in +/-5% condintions.	