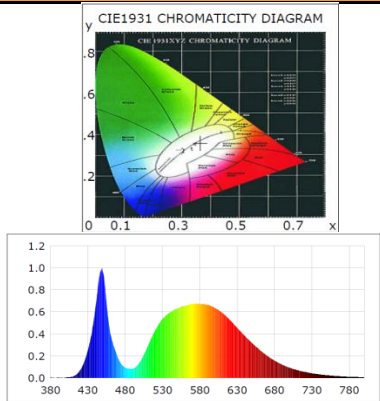


TECHNICAL DATASHEET FOR THE STREET LIGHT YC-S028-100W

Date:14.02.2025

LED STREET LIGHT DIMENSIONS		
Length	52cm	
Width	21cm	
Thickness	5cm	
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	120 pcs	
LED Efficiency	>120 lm/W	
LED CCT	4500/6500K	
CRI	>80-85	
TRADEMARK	© OPTIMA / Y-CHEN	
LED beam angle	120 degrees	
LUMINARY		PHOTOMETRIC RESULTS
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	
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.		