

UPDATE ON:
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Technical Detail & Comparison Between 13w Led Street Light & 45w CFL STREET Light

Cat. Ref. : KISL 51 LED

**Heavy
Duty**



IP-66

Aluminium Pressure Die Casted Body

13watt

1300 LUMEN minimum
Replacement Of 45w CFL

Powered by

PHILIPS

Driver

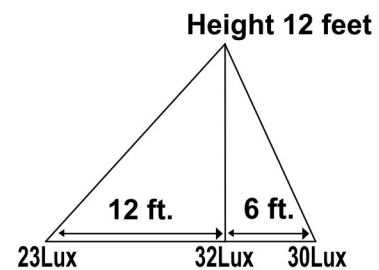
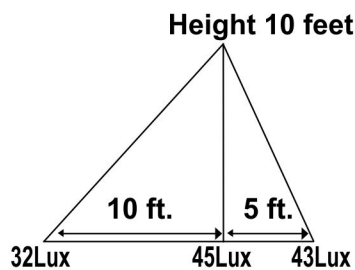
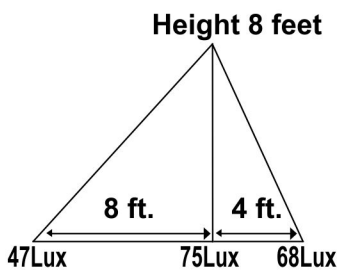


PF ≥ 0.85
THD ≤ 30%
EFFICIENCY > 85%



Energy efficiency & Energy Costs	13W LED Street Light	45w Cfl Street Light
Life Span (average)	50,000 hours	8000 hours
Watts of electricity used with Drivers / Ballast	Only 13watt. LED use less power (watts) per unit of light generated (lumens). LEDs help reduce greenhouse gas emission from power plants and lower electric bills.	45w
Units /hr	0.013	0.045
Units 11Hrs/day	0.143	0.495
Units 11Hrs/ Day / Year	52.195	180.65
General Ind. Cost of Electricity @ Rs. 8.5	Rs. 443.65 /-	Rs. 1532.75/-
Saving / Year	Rs. 1092 /- (Saving in Maintenance Extra)	
LUX Measured on 8ft Height	75	60
LUX Measured on 10ft Height	45	40
LUX Measured on 12ft Height	32	29

13W LED Street Light Lux Measurement



45w CFL Street Light Lux Measurement

