

UPDATE ON:  
14. 03. 2016

**Technical Detail & Comparison Between 13w Led Eco Street Light & 45w CFL STREET Light**

Cat. Ref. : KISL 60 LED

**Eco Series**



**IP-65**

Aluminium Pressure Die Casted Body

**13watt**

1300 LUMEN minimum  
Replacement Of 45w CFL



PF ≥ 0.85  
THD ≤ 30%  
EFFICIENCY > 85%

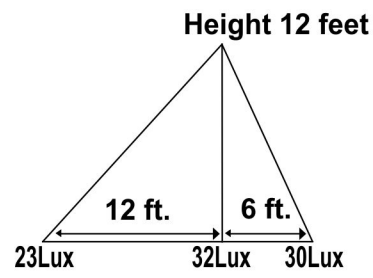
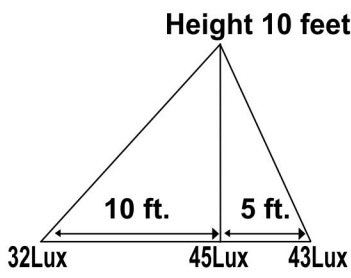
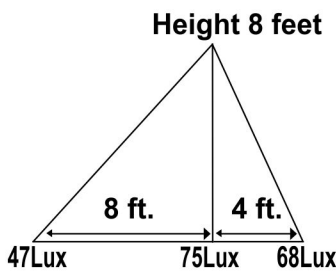
Powered by  
**PHILIPS**  
Driver



**Extra bright**

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 Light Lux Measurement**

