

**Technical Detail & Comparison Between 52w Led Street Light & 150w Mh Street Light**

Cat. Ref. : KISL 52 LED

**Heavy  
Duty**



**IP-66**

Aluminium Pressure Die Casted Body

**52watt**

**5200 LUMEN minimum**  
Replacement Of 150w MH

Powered by

**PHILIPS**

Driver

PF ≥ 0.85  
THD ≤ 30%  
EFFICIENCY > 85%



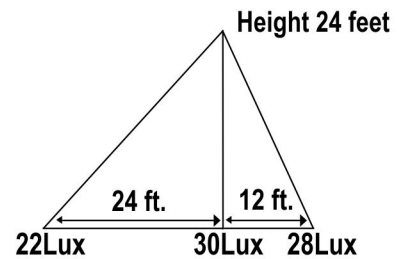
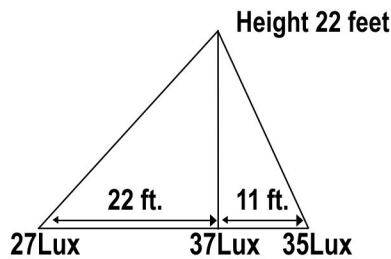
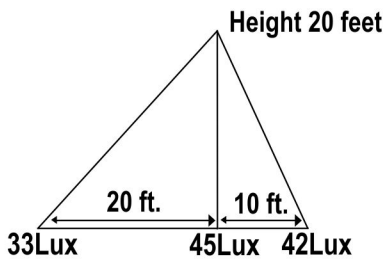
Pipe Hole Dia  
**41 mm**



**Extra  
bright**

Energy efficiency & Energy Costs	52W LED Street Light	150W Street Light MH
Life Span (average)	50,000 hours	10,000 hours
Watts of electricity used with Drivers / Ballast	Only 52watt. LED use less power (watts) per unit of light generated (lumens). LEDs help reduce greenhouse gas emission from power plants and lower electric bills.	150W + 20W (Ballast) = 170w
Units /hr	0.052	0.170
Units 11Hrs/day	0.572	1.87
Units 11Hrs/ Day / Year	208.78	682.55
Cost of Electricity @ Rs. 8.5	Rs. 1774.63 /-	Rs. 5801.675 /-
Saving / Year	Rs. 4027/- (Saving in Maintenance Extra)	
LUX Measured on 20ft Height	45	45
LUX Measured on 22ft Height	37	36
LUX Measured on 24ft Height	30	32

**52W LED Street Light Lux Measurement**



**150w MH Street Light Lux Measurement**

