

UPDATE ON:  
14. 03. 2016

**Technical Detail & Comparison Between 150w Led Flood Light & 400w MH Flood Light**

Cat. Ref. : KIFL -25 LED

**Heavy  
Duty**



**150watt**  
15000 LUMEN minimum  
Replacement Of 400w MH



PF ≥ 0.9  
THD ≤ 10%  
EFFICIENCY > 90%

**IP-66**

Aluminium Pressure Die Casted Body

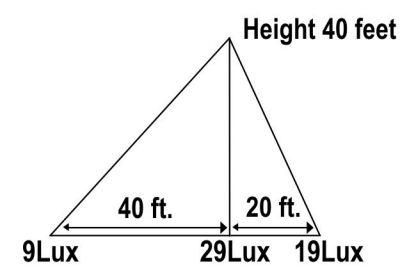
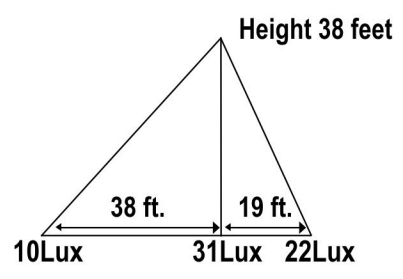
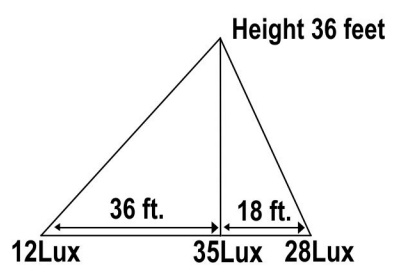
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Energy efficiency & Energy Costs	150W LED Flood Light	400w MH Flood Light
Life Span (average)	50,000 hours	10,000 hours
Watts of electricity used with Drivers / Ballast	Only 150watt. LED use less power (watts) per unit of light generated (lumens). LEDs help reduce greenhouse gas emission from power plants and lower electric bills.	400W + 40W (Ballast) = 440w
Units /hr	0.15	0.44
Units 11Hrs/day	1.65	4.84
Units 11Hrs/ Day / Year	602.25	1766.6
General Ind. Cost of Electricity @ Rs. 8.5	Rs. 5119 /-	Rs. 15016 /-
Saving / Year	Rs. 9897 /- (Saving in Maintenance Extra)	
LUX Measured on 36ft Height	35	40
LUX Measured on 38ft Height	31	35
LUX Measured on 40ft Height	29	29

Due to fast light deterioration of MH lamps 150 watt MH lamp is compared with 50w LED for replacement.

**150W LED Flood Light Lux Measurement**



**400W MH Flood Light Lux Measurement**

