

**Technical Detail & Comparison Between 200w Led Flood Light & 400w MH Flood Light**

Cat. Ref. : KIFL 29LED

**Heavy  
Duty**



**IP-66**

Aluminium Pressure Die Casted Body

**200watt**  
20000 LUMEN minimum  
Replacement Of 400w MH FLOOD LIGHT



PF ≥ 0.9  
THD ≤ 10%  
EFFICIENCY > 90%

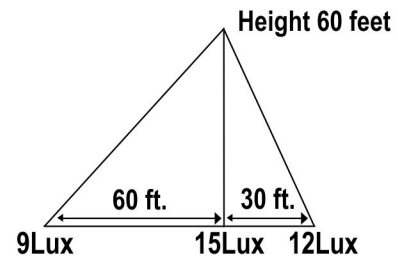
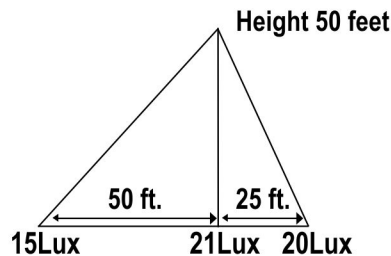
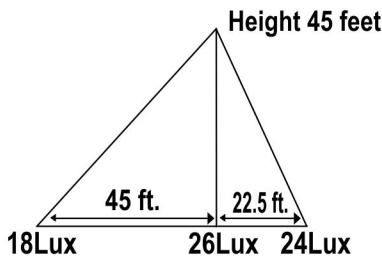
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Energy efficiency & Energy Costs	200W LED Flood Light	400W MH FLOOD LIGHT
Life Span (average)	50,000 hours	2000 hours
Watts of electricity used with Drivers / Ballast	Only 200watt. LED use less power (watts) per unit of light generated (lumens). LEDs help reduce greenhouse gas emission from power plants and lower electric bills.	400w + 40w = 440 watt
Units /hr	0.2	0.44
Units 11Hrs/day	2.2	4.84
Units 11Hrs/ Day / Year	8.3	1766.6
General Ind. Cost of Electricity @ Rs. 8.5	Rs. 6825.5 /-	Rs. 15016.1/-
Saving / Year	Rs. 8190.6 /- (Saving in Maintenance Extra)	
LUX Measured on 45ft Height	26	29
LUX Measured on 50ft Height	21	24
LUX Measured on 60ft Height	15	16

Due to rapid degradation of MH lamps 200 watt LED can replace 400 watt MH LAMPS.

**200W LED Flood Light Lux Measurement**



**400W MH Flood Light Lux Measurement**

