

UPDATE ON:
14. 03. 2016

Technical Detail & Comparison Between 100w Led Flood Light & 250w MH Flood Light

Cat. Ref. : KIFL 19 LED

**Heavy
Duty**



100watt
10000 LUMEN minimum
Replacement Of 250w MH



PF ≥ 0.9
THD ≤ 10%
EFFICIENCY > 90%

IP-66

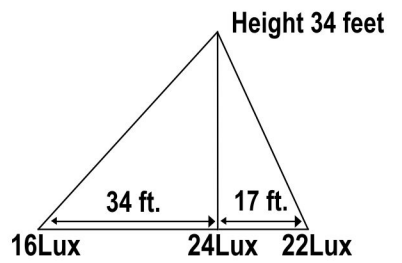
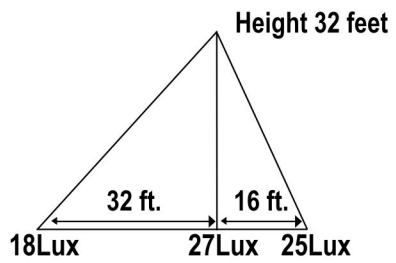
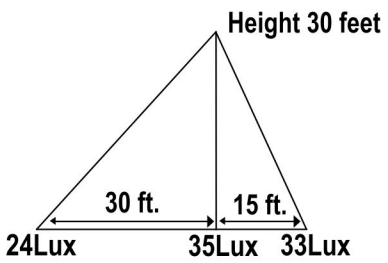
Aluminium Pressure Die Casted Body

Powered by
PHILIPS
Driver



Energy efficiency & Energy Costs	100W LED Flood Light	250w MH Flood Light
Life Span (average)	50,000 hours	10,000 hours
Watts of electricity used with Drivers / Ballast	Only 100watt. LED use less power (watts) per unit of light generated (lumens). LEDs help reduce greenhouse gas emission from power plants and lower electric bills.	250W + 25W (Ballast) = 275w
Units /hr	0.1	0.275
Units 11Hrs/day	1.1	3.025
Units 11Hrs/ Day / Year	401.5	1104.25
General Ind. Cost of Electricity @ Rs. 8.5	Rs. 3412.75 /-	Rs. 9385 /-
Saving / Year	Rs. 5972 /- (Saving in Maintenance Extra)	
LUX Measured on 30ft Height	35	38
LUX Measured on 32ft Height	27	29
LUX Measured on 34ft Height	24	27

100W LED Flood Light Lux Measurement



250W MH Flood Light Lux Measurement

