

**UPDATE ON:
14. 03. 2016**

Technical Detail & Comparison Between 40w Led Flood Light & 70w MH Flood Light

Cat. Ref. : KIFL 21 LED

**Heavy
Duty**



IP-66

Aluminium Pressure Die Casted Body

40watt

4000 LUMEN minimum
Replacement Of 70w MH FLOOD LIGHT



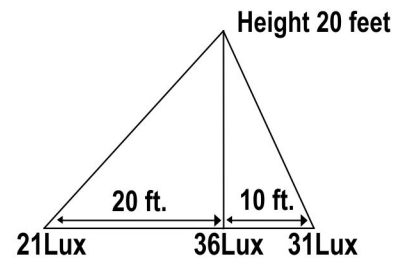
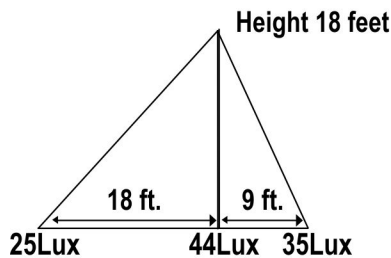
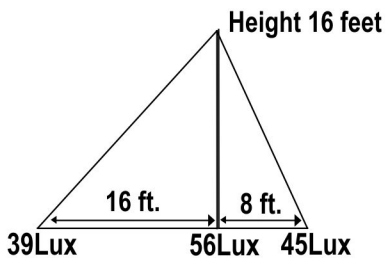
PF ≥ 0.9
THD ≤ 10%
EFFICIENCY > 90%

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Energy efficiency & Energy Costs	40W LED Flood Light	70W MH Flood Light
Life Span (average)	50,000 hours	10,000 hours
Watts of electricity used with Drivers / Ballast	Only 40watt. LED use less power (watts) per unit of light generated (lumens). LEDs help reduce greenhouse gas emission from power plants and lower electric bills.	70W + 15W (Ballast) = 85w
Units /hr	0.04	0.085
Units 11Hrs/day	0.44	0.935
Units 11Hrs/ Day / Year	160.6	341.275
General Ind. Cost of Electricity @ Rs. 8.5	Rs. 1365 /-	Rs. 2901 /-
Saving / Year	Rs. 1534 /- (Saving in Maintenance Extra)	
LUX Measured on 16ft Height	55	48
LUX Measured on 18ft Height	44	38
LUX Measured on 20ft Height	36	31

40W LED Flood Light Lux Measurement



70W MH Flood Light Lux Measurement

