

UPDATE ON:
14. 03. 2016

Technical Detail & Comparison Between 55w Led Flood Light & 150W MH Flood Light

Cat. Ref. : KIFL 29 LED

**Heavy
Duty**



55watt

5500 LUMEN minimum
Replacement Of 150w MH

IP-66



PF ≥ 0.9
THD ≤ 10%
EFFICIENCY > 90%

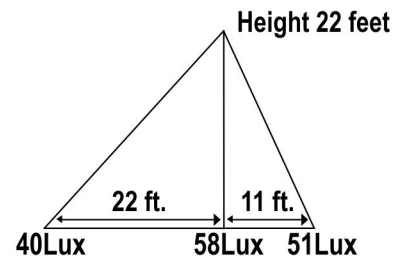
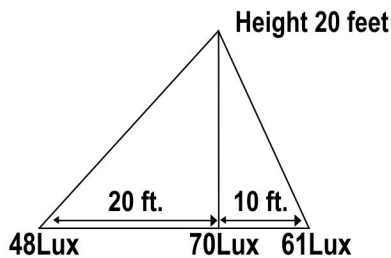
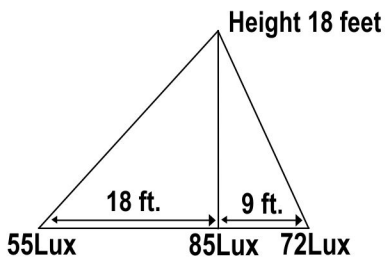


Aluminium Pressure Die Casted Body

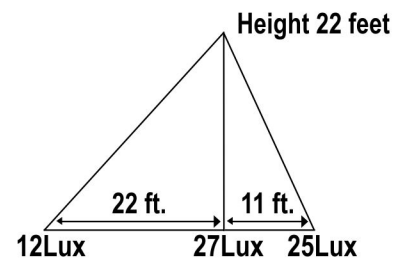
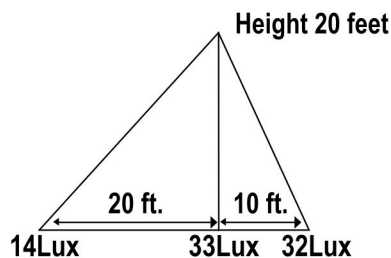
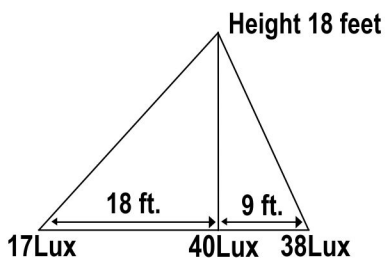
Energy efficiency & Energy Costs	55W LED Flood Light	150 MH Flood Light
Life Span (average)	50,000 hours	10,000 hours
Power with Drivers / Ballast	Only 55watt.	150W + 20 = 170W
Units /hr	0.055	0.017
Units 11Hrs/day	0.605	1.87
Units 11Hrs/ Day / Year	220.825	682.55
General Ind. Cost of Electricity @ Rs. 8.5	Rs. 1877 /-	Rs. 5802 /-
Saving / Year	Rs. 3925 /- (Saving in Maintenance Extra)	70w MH LUX
LUX Measured on 18ft Height	85	40
LUX Measured on 20ft Height	70	33
LUX Measured on 22ft Height	58	27

Due to fast light deterioration of MH lamps 150 watt MH lamp is compared with 55w LED for replacement.

55W LED Flood Light Lux Measurement



70W MH Flood Light Lux Measurement



150W MH Flood Light Lux Measurement

