

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

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

Cat. Ref. : KIID-12 LED

**Heavy  
Duty**



**150watt**

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



PF ≥ 0.9  
THD ≤ 10%  
EFFICIENCY > 90%

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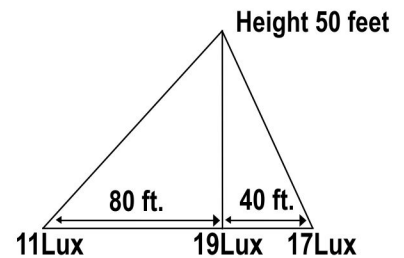
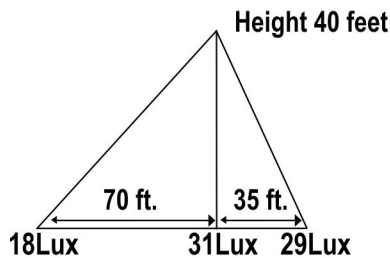
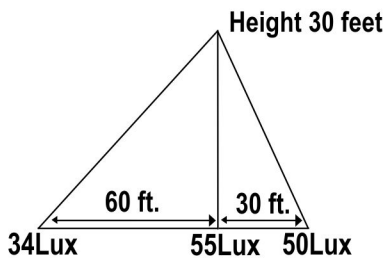
**Driver**



Aluminium Extruded Heat Sink + Lens & Aluminium Dom

Energy efficiency & Energy Costs	150W LED Flood Light	LENSE		400W Flood Light MH
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. 9899 /- (Saving in Maintenance Extra)	90°	120°	
LUX Measured on 30ft Height		119	55	
LUX Measured on 40ft Height		66	31	
LUX Measured on 50ft Height		42	19	

**150W Led Bay Light Lux Measurement with 120° LENSE**



**150W Led Bay Light Lux Measurement with 90° LENSE**

