

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

Technical Detail & Comparison Between 50w Led Bay Light & 150w Mh Flood Light

Cat. Ref. : KIID-08 LED

**Heavy
Duty**



50watt

**5000 LUMEN minimum
Replacement Of 150w MH**



**PF ≥ 0.9
THD ≤ 10%
EFFICIENCY > 90%**

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PHILIPS**

Driver



Aluminium Extruded Heat Sink + Lens & Aluminium Dom

Energy efficiency & Energy Costs	50W LED Bay Light	150W Flood Light MH
Life Span (average)	50,000 hours	10,000 hours
Watts of electricity used with Drivers / Ballast	Only 50watt. LED use less power (watts) per unit of light generated (lumens). LEDs help reduce greenhouse gas emission from power plants and lower electric bills.	150W + 20W (Ballast) = 170w
Units /hr	0.05	0.170
Units 11Hrs/day	0.55	1.87
Units 11Hrs/ Day / Year	200.75	682.55
General Ind. Cost of Electricity @ Rs. 8.5	Rs. 1706 /-	Rs. 5801 /-
Saving / Year	Rs. 4094 /- (Saving in Maintenance Extra)	
LUX Measured on 15ft Height	83	
LUX Measured on 20ft Height	44	
LUX Measured on 25ft Height	27	

50W Led Bay Light Lux Measurement Beam Angle - 90°

