

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

Technical Detail & Comparison Between 80w COB Led Bay Light & 250w Mh Flood Light

Cat. Ref. : KIID-09 LED

**Heavy
Duty**



80watt

**8000 LUMEN minimum
Replacement Of 250w MH**



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

**Powered by
PHILIPS
Driver**

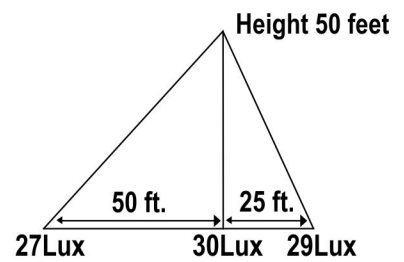
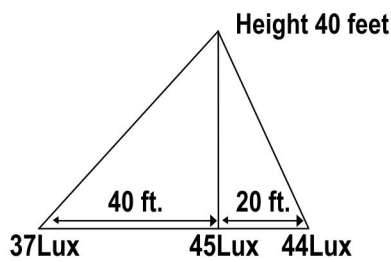
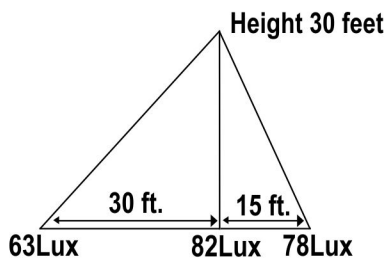


**Extra
bright**

Aluminium Extruded Heat Sink + Lens & Aluminium Dom

Energy efficiency & Energy Costs	80W COB LED BAY Light	LENSE		250W Flood Light MH
Life Span (average)	50,000 hours			10,000 hours
Watts of electricity used with Drivers / Ballast	Only 80watt. COB 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	0.08			0.275
Units 11Hrs/day	0.88			3.025
Units 11Hrs/ Day / Year	321.2			1104.25
General Ind. Cost of Electricity @ Rs. 8.5	Rs. 2730.2 /-			Rs. 9385 /-
Saving / Year	Rs. 6655 /- (Saving in Maintenance Extra)	90°	120°	
LUX Measured on 30ft Height		82	30	
LUX Measured on 40ft Height		45	16	
LUX Measured on 50ft Height		30	10	

80W COB Led Bay Light Lux Measurement with 90° Lense



80W COB Led Bay Light Lux Measurement with 120° Lense

