



Features:

- ❖ Low Power Consumption – 20% of Fluorescent Lamps.
- ❖ Constant Brightness. Instantaneous (Zero Warm up).
- ❖ Longer Life – 50,000+ hours , Low Maintenance
- ❖ Fits Directly into Standard Sockets
- ❖ Cool White, Warm White.
- ❖ 12V / 24V DC Operated Street light for solar application is available.
- ❖ View angle: 120°. Great uniform color appearance.
- ❖ Meets IS 3646 (Part 1):1992 Standard
- ❖ No IR & UV radiation. RoHs compliant.
- ❖ Meets IEC safety standards.

Application:

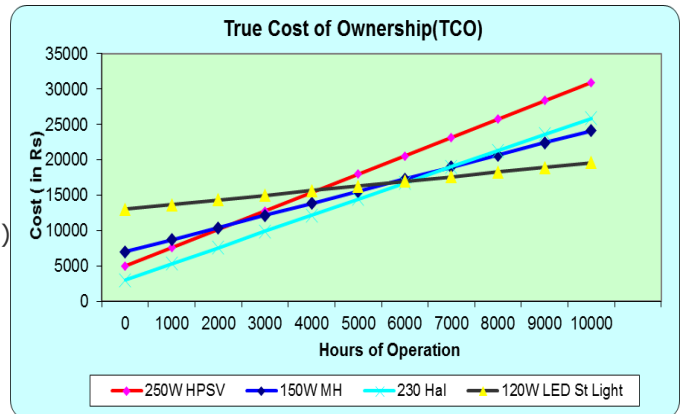
- ❖ Ideal for Residential use, Gardens, Walls, Parking, ideal replacement for Halogen lights.
- ❖ Work Shops, Factories, Spinning Mills.
- ❖ Huge benefits to use it in Hotels, shops, restaurants, cinema theaters , libraries, schools as long operational hours leads to short pay-back time.



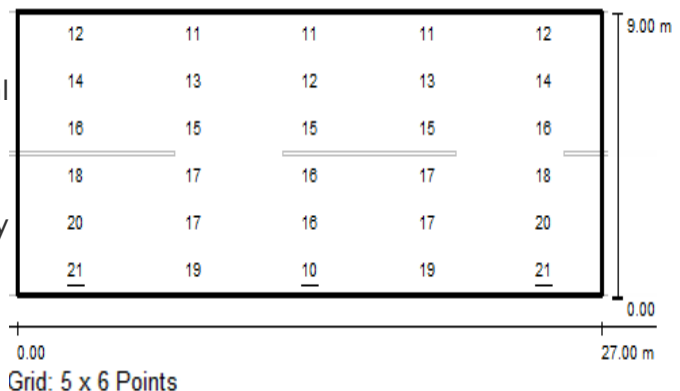
TECHNICAL SPECIFICATIONS

Operating Voltage	80 - 270V AC/DC
Power Consumption	120W (Incl of Driver Losses)
LED Make	Nichia / CREE
Color Temperature (CCT)	3000K(WW), 4500K(NW), 6500K(CW)
Color Rendering Index (CRI)	(Ra) > 75
LED Efficacy	110 - 140 lm/W
Luminous flux	9600-13200 Lumens
Boom Angle	~45 Deg
Expected Life Time	> 50,000 Hours
Material	Aluminum / Toughened glass
LDC	Batwing/ Wide Beam
Dimension	Varies by Model
Lamp Shade	Transparent Clear
Additional Colors	Cool White, Warm White, Neutral White.
Working Temperature(°C)	-20 to +45
Country of Origin	India
Safety Standards	Confirms to IS and IEC Safety Specifications

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LUX Levels in 27M X 9M Wide Road 9M Height



E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
16	10	21	0.668	0.488