

Energy Saver

High Power Channel Light

CFT Series

Based on newest technology in lighting, the CFT series of channel lights offer great benefits in terms of

- Energy Saving
- Maintenance Costs

CFT series is weatherproof, long life and aesthetically pleasing design offering best cost / performance ratio and a real value for money. These benefits makes CFT series a best choice for solar powered applications as well.

A well engineered optical design helps achieve optimum beam pattern and maximum light output thus best utilizing the costly energy.



Features

- Solid state light, no electrodes or filaments.
- Longest life among available lighting technologies.
- Highest efficiency (light output / watt).
- Cool light, does not generate heat.
- Does not get dim like other lamps.
- No choke, No starter, No flicker
- True energy saving - High Power Factor.
- No harmful emissions.
- No mercury, No lead.
- Better uniformity.
- Wide beam angle.
- Cool White or Warm White
- Easy installation (pole or bracket)
- No maintenance required.
- Slim and flexible design weather proof design



Applications

Workshop lighting, Work Areas, Walkways, Stores, Ware House,



Technical Data

Mains Voltage / Frequency	170 ~265 VAC, 50 / 60 Hz
Power Rating	20 / 40 Watts
Power Factor	> 0.95
Luminous Flux	1800 / 3600 Lumen
Efficacy	90 Lumen / Watt
Color Temperature	Cool, Pure & Warm White
Beam Angle	> 120°
Light Source	Surface Mount LED

Life Span	>50,000 Hours / 15 Years*
Operating Temperature	-10° ~ +55° C
Operating Humidity	0 - 95% Non-Condensing
Dimensions	600/1200 x 32 x 30 mm
Weight	0.9 Kg
Ingress Protection	IP-67
Warranty	12 Months
Mounting	Roof ; two points

* Lamp life (by design), Based on 8 Hours / Day usage

Energy Saving Comparison

Factors	Workplace Lights	
	CFT40 (40W)	250W Lamp
Lamp Power Consumption	40 W	250 W
Real Power Consumption (including power supply)	42 W	250 W ⁽¹⁾
Life Span (Hours)	50,000	5,000
Comparison of Energy Consumption (For 10 lights)	Based on 10 Light Fixtures	
Total Power Consumption (Watts)	420	2,500
Electricity Consumption / Day (KW-Hour) ⁽²⁾	4.2	25
Annual Electricity Consumption (KW-Hour)	3,102	11,680
Cost of Energy & Maintenance (For 10 fixtures)	Based on Rs. 12 / Unit of Electricity	
Cost of Energy consumption / Year (Rupees)	37,224	140,160
Cost of Lamp Replacement ⁽³⁾	N/A	1,500
Cost of Labour	N/A	1,000
Cost of Choke Replacement	N/A	1,500

Based on this data, each CFT-40 product saves you at least Rs.8,578/- per year

- (1) Local made chokes consume too much power
 (2) Based on 10 hours operation / day
 (3) Electrode failure is a common problem in sodium lamp

For further information, please contact

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