

# Energy Saver



## Covered Channel Ceiling Light

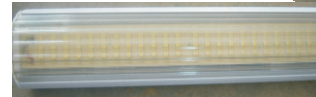
**CBFT**  
series

A revolutionary design in recessed lighting with Acrylic Cover, bringing the newest technology for maximized benefit.

- Minimize energy consumption with maximum light output
- Longest life compared to any other available light source

CBFT series of true energy saving lighting fixtures are real value for money. These lights offer excellent light output per watt and at the same time have amazingly long life.

Available in 2 to 10 feet length with various power ratings.



## 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 fluorescent 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.
- Glare free light.
- Easy installation.
- No maintenance required.
- Slim and flexible design.

## Applications

Offices, Shops, Restaurants, Hotels, Halls, Lobbies/Lounges, Industrial Lighting, Parking Areas, Railway Platforms, Airports and many more places where good and uniform lighting is required.

*Three CBFT-440, 40 Watts lights installed*

# Technical Data

Mains Voltage / Frequency	170 ~265 VAC, 50 / 60 Hz
Power Rating	20 / 40 / 60 / 80 Watts
Power Factor	> 0.95
Luminous Flux	1800 - 7200 Lumens
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	65 x 68 x (300-1200) mm
Weight	1.2 - 4.5 Kg
Ingress Protection	IP-20
Warranty	12 Months
Protection	Surge, Sag, Spike

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

# Energy Saving Comparison

Factors	T-Bar Ceiling lights	
	CBFT-4 40W	40W Tube x 2
Lamp Power Consumption	40 W	80W
Real Power Consumption (including power supply)	42 W	140W <sup>(1)</sup>
Life Span (Hours)	50,000	2,000
Comparison of Energy Consumption (For 10 fixtures)	Based on 10 Light Fixtures	
Total Power Consumption (Watts)	420	1,400
Electricity Consumption / Day (KW-Hour) <sup>(2)</sup>	5.04	21.6
Annual Electricity Consumption (KW-Hour)	1,840	7,884
Cost of Energy & Maintenance (For 10 fixtures)	Based on Rs. 12 / Unit of Electricity	
Cost of Energy consumption / Year (Rupees)	22,080	94,608
Cost of Lamp Replacement <sup>(3)</sup>	N/A	1,000
Cost of Labour	N/A	1,000
Cost of Choke Replacement	N/A	1,500

**Based on this data, each CFT-4 40W product saves you at least Rs.7,600/- per year**

For further information, please contact

(1) Local made chokes consume too much power

(2) Based on 12 hours operation / day

(3) Electrode failure is a common problem in tube rods

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