

# Energy Saver

## Recessed Ceiling Light

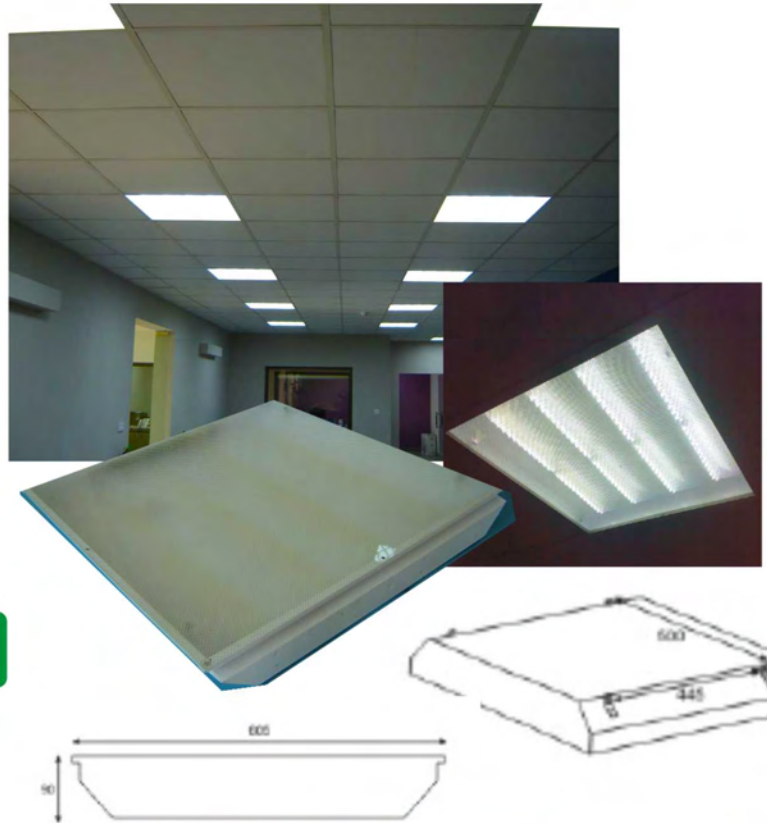
## CIMAC Series

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

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

CIMAC 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.

Spend only once and start enjoying the benefits of newest technology in lighting.



### 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

Offices, Banks, Airports, Shops, Restaurants, Hotels, Halls, Lobbies/Lounges, Meeting rooms and many more places where good and uniform lighting is required.



CIMAC lights (40W) installed in an Office

# Technical Data

Mains Voltage / Frequency	170 ~265 VAC, 50 / 60 Hz
Power Rating	20 / 40 / 80 Watts
Power Factor	> 0.95
Luminous Flux	1800 / 3600 / 7200 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	605 x 605 x 90 mm
Weight	3.9 Kg
Ingress Protection	IP-67
Warranty	12 Months
Mounting	Paklite Cabinet, false ceiling Mounts

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

## Energy Saving Comparison

Factors	Cabinet Lights	
	CIMAC-40 (40W)	4 X 20W Tube Lights
Lamp Power Consumption	40 W	80 W
Real Power Consumption (including power supply)	42 W	140 W <sup>(1)</sup>
Life Span (Hours)	50,000	8,000
Comparison of Energy Consumption (For 10 lights)	Based on 10 Light Fixtures	
Total Power Consumption (Watts)	420	1,800
Electricity Consumption / Day (KW-Hour) <sup>(2)</sup>	5.05	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	96,608
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 CIMAC-40 saves you at least Rs.7,600/- per year**

- (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

For further information, please contact

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