

# Energy Saver

## Round Ceiling/Canopy Light

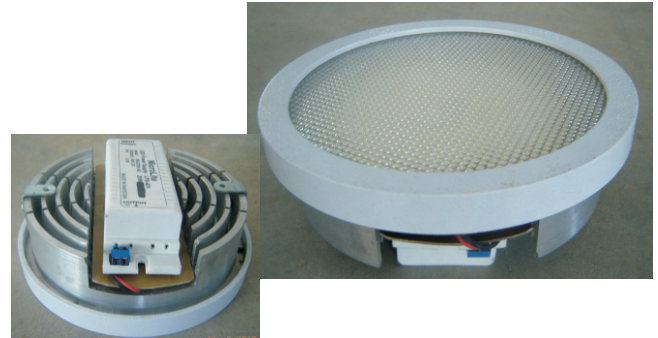
**RL-P**  
series

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

RL-P 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 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, Banks, Shops, Restaurants, Hotels, Halls, Lobbies/Lounges, Meeting Rooms, Fuel Stations, Airports Railway Platforms and many more places where good and uniform lighting is required.

# Technical Data

Mains Voltage / Frequency	170 ~265 VAC, 50 / 60 Hz
Power Rating	10 / 20 Watts
Power Factor	> 0.95
Luminous Flux	900 / 1800 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	Dia 155 mm / 185 mm
Weight	0.9 / 1.3 KG (10W /20W)
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	Ceiling lights	
	RL-P 40W LED Light	20W Tube Rod x 2
Lamp Power Consumption	20 W	40W
Real Power Consumption (including power supply)	21 W	90W <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)	210	900
Electricity Consumption / Day (KW-Hour) <sup>(2)</sup>	2.52	10.8
Annual Electricity Consumption (KW-Hour)	920	3,942
Cost of Energy & Maintenance (For 10 fixtures)	Based on Rs. 12 / Unit of Electricity	
Cost of Energy consumption / Year (Rupees)	11,040	47,304
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 RL-P 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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