

Prarox LS - The World in a Different Light

The PharoX is a high efficient LED lamp that is rewarding for your planet and your wallet. The PharoX lamp sheds a warm white light, ideal for use in your home, commercial, retail or hospitality areas. Given its high levels of energy efficiency, the PharoX lamp is best suited for places that require many hours of lighting.

Features

Replaces Incandescent Lamp

Warm white light
Excellent color quality
Appearance of a standard bulb
Instant light
E26, E27 or B22 base

User Friendly

The look and feel of a Light Bulb
Low temperature compared to other lamps
No ultraviolet radiation
Reduced heat load to lower air conditioning cost

Saves Costs and CO2 Emissions

5 Watt PharoX can replace up to 40 Watt incandescent
Lifetime of 50,000 hours compared to 1,000 hours

Environment Friendly

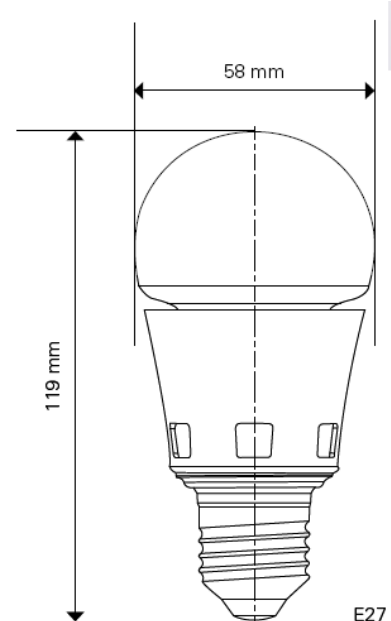
Low energy consumption
Long lifetime
No mercury or lead

Specifications

A19 Retrofit LED Light Bulb

Power Consumption
Lumen Output
Color Temperature
Color Rendering
Lifetime

5 Watt
200 lumens
3000Kelvin
> 85 CRI
50,000 hours



Product Types and Code Numbers

E26 / 120 V / 50 - 60 Hz

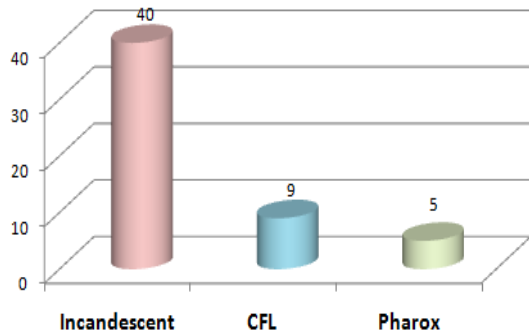
E27 / 230 - 240 V / 50 - 60 Hz

B22 / 230 - 240 V / 50 - 60 Hz

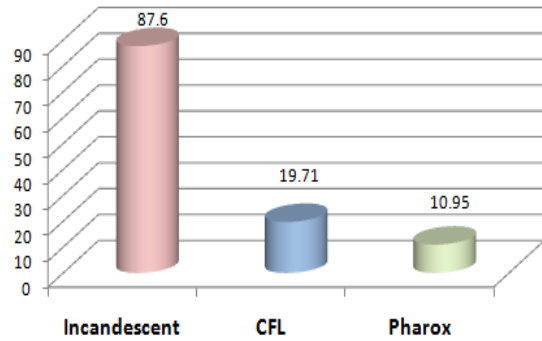


Prarox LS - The World in a Different Light

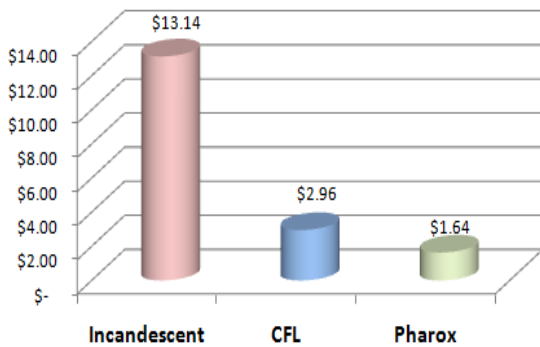
Watts



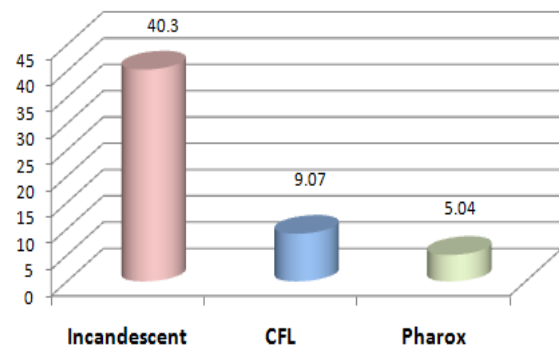
Energy use per year (Kwh)



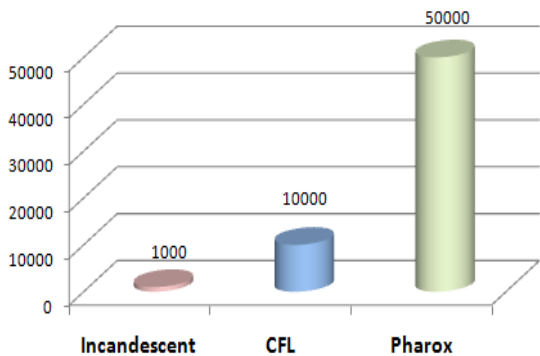
Yearly Cost of Use



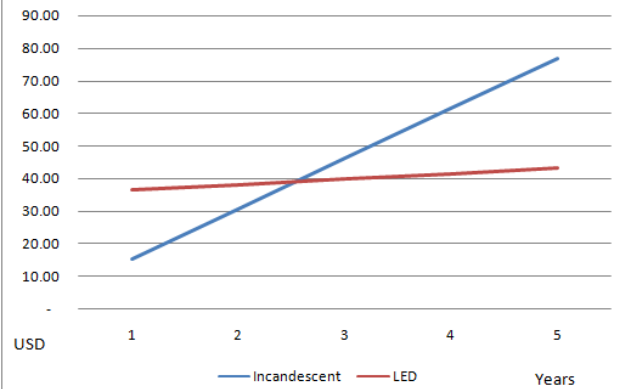
Carbon Emissions per Year (kg)



Life Time Hours



Pay Back

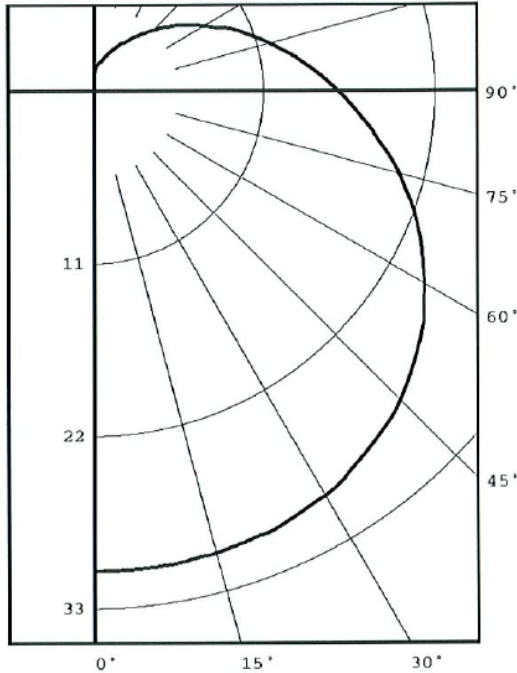


Calculations based on \$0.15 cents KwH, 6 hours of on time per day

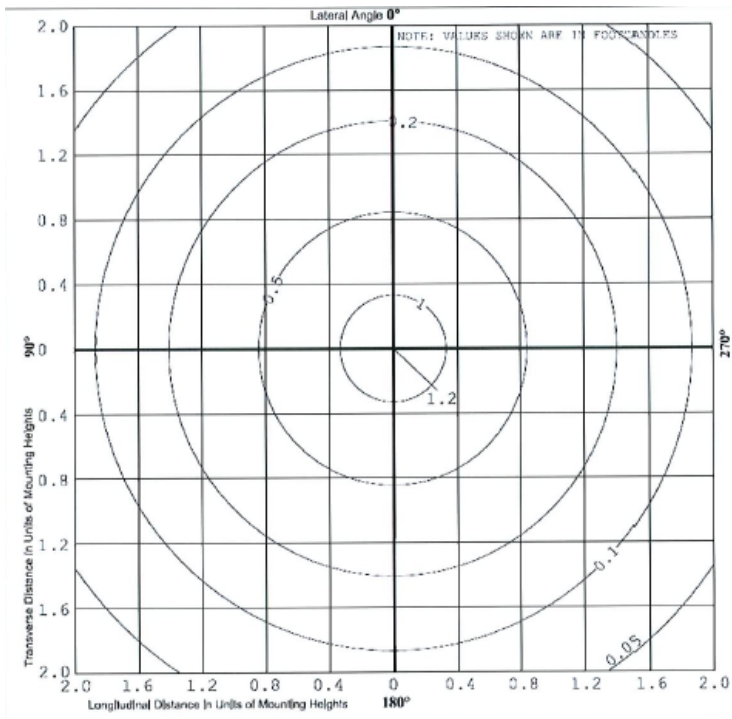


Prarox LS - The World in a Different Light

Photometric Information



Vertical Base-Up Position



ZONAL LUMEN SUMMARY DATA IN MAJOR ZONES

ZONE	LUMENS	%FIXT
0- 30	25.5	12.4
0- 40	43.8	21.4
0- 60	88.5	43.2
0- 90	151.9	74.1
90-120	37.6	18.3
90-130	44.2	21.6
90-150	51.1	24.9
90-180	53.2	25.9
0-180	205.1	100

EFFICACY = 43.64 Lm/W
CIE TYPE - SEMI-DIRECT
LUMINAIRE SPACING CRITERION = 1.5

LUMINAIRE CANDELA DISTRIBUTION

DEG	CANDELA		LUMENS
	0.0		
0	30.6		
5	30.6		3
15	30.5		9
25	30.1		14
35	29.2		18
45	27.9		22
55	25.9		23
65	23.3		23
75	20.4		22
85	17.2		19
90	15.8		
95	14.4		16
105	11.8		12
115	9.5		9
125	7.3		7
135	5.5		4
145	4		3
155	2.9		1
165	2		1
175	1.6		0
180	1.1		