



LED FLP FLOOD LIGHT

www.ils.cc

Email:-info@ils.cc

SAVE ENERGY- SAVE PLANET
SAVE MONEY



LED

LED

INTELLIGENT LIGHTING SYSTEMS
ANKLESHWAR, GUJARAT, INDIA
CUSTOMER CARE ++91 2646
220245

Intelligent Lighting Systems

Plot No 209/9, GEB Office Road,
Near Mahadev Bakery, GIDC Ankleshwar-393002,
Dist. Bharuch, Gujarat, INDIA

BENEFITS FROM LED FITTING

- **Energy efficient lamp- Very low power consumption**
- **LED having ever highest efficiency compare to other like CFL, Mercury, incandescent, sodium lamp etc.**
- **Very Long life**
- **Less maintenance cost**
- **No production of UV light**
- **Produce directional light- useful for directing light on specific areas rather than a diffused glow**
- **Very low environment impact- due to very long life very low generation of lighting waste compared with conventional lights**
- **Increase in manpower availability**
- **Energy efficient lamp- Very low power consumption**

ILS FLP FLOOD LIGHT MODULE

PRODUCT CODE :- ILS FLP FL 13 x 3 45w

LED LAMP COST :- 9000/-

- | | |
|-------------------------------------|-------------------------------------|
| ⇒ LED BRAND CITIZEN (MAID IN JAPAN) | ⇒ LED DRIVER SUNLIT (MAID IN INDIA) |
| ⇒ LED MODUL NO CL-L233-C13N1C | ⇒ VOLTAGE 56V DC |
| ⇒ LIGHT OUT PUT 1400x3 4200 LUMENS | ⇒ CURRENT 720MA |
| ⇒ COLOUR (CCT) 5000K | ⇒ DRIVING TECH CONSTANT CURRENT |
| ⇒ CRI 70 RA | ⇒ PF 0.96 |
| ⇒ LED WATTAGE 13 x 3 39 w | ⇒ A.TH.D 15% |

Energy Saving – 160w (125 hpmv+Ballast..) To 45w 72 %

Out Put Visibility – 100% Plus @ Mean LUX

Return Of investment :- 1.6 YEAR (18 MONTH)

Reliability :- 20 Time Plus

(0.160kw - 0.045 kw x 1nos. x 12 hr x 30 Days X 12 Month x 7 Rs + 1200 Yearly main.. + 10% other)

Yearly KWH Saving 504 80%

Yearly CO2 Reduction LBS 670 80%

Yearly Rs Saving 5198 80%

Return of Investment (ROI) 1.73

Internal Rate Of Return (IRR) 50% (positive)

Net Present Value (NPV) 10706 Positive

Profitability Index (PI) 2.39 positive (PI1)

www.ils.cc

6 x 18 w

COMPARISON-LED V/S EXISTING LAMP FITTING

Sr. No.	Characteristics	LED (Proposed)	HPMV (As per existing)
1.	Power consumption	45 watt	160 Watt
2.	Lamp Efficiency	108-120 Lumen/watt	40 TO 50 Lumen/watt
3.	Lamp Life	90,000 Hours @ 70 % Effi.	5000 - 10000Hours
4.	Guarantee/ Warranty	3 YEAR	NO Gu./Wa.
5.	Environment impact	Very low	High
6.	Maintenance time	Very low	High
7.	Maintenance cost	Very low	High
8.	Initial Cost	High	Low

PRODUCT CODE :- ILS FLP FL 13 x 4 60w

LED LAMP COST :- 10800 /-

- ➔ **LED BRAND CITIZEN (MAID IN JAPAN)**
- ➔ **LED MODUL NO CL-L233-C13N1C**
- ➔ **LIGHT OUT PUT 1400x4 5600 LUMENS**
- ➔ **COLOUR (CCT) 5000K**
- ➔ **CRI 70 RA**
- ➔ **LED WATTAGE 13 x 4 52 w**

- ➔ **LED DRIVER SUNLIT (MAID IN INDIA)**
- ➔ **VOLTAGE 19V DC**
- ➔ **CURRENT 720MA**
- ➔ **DRIVING TECH CONSTANT CURRENT**
- ➔ **PF 0.96**
- ➔ **A.TH D 15%**



Energy Saving – 280w (250 hpmv+Ballast..) To 60w LED 78 %

Out Put Visibility – 100% Plus @ Mean LUX

Return Of investment :- 1.24 YEAR (18 MONTH)

Reliability :- 20 Time Plus

(0.160kw - 0.045 kw x 1nos. x 12 hr x 30 Days X 12 Month x 7 Rs + 1200 Yearly main.. + 10% other)

Yearly KWH Saving 964 79%

Yearly CO2 Reduction LBS 1282 79%

Yearly Rs Saving 8740 79%

Return of Investment (ROI) 1.24 Positive

Internal Rate Of Return (IRR) 76 % (positive)

Net Present Value (NPV) 22330 Positive

Profitability Index (PI) 3.55 positive (PI1)

www.ils.cc

13 X 15 w

COMPARISON-LED V/S EXISTING LAMP FITTING

Sr. No.	Characteristics	LED (Proposed)	HPMV (As per existing)
1.	Power consumption	60 watt	280 Watt
2.	Lamp Efficiency	108-120 /watt	40 TO 50 Lumen/watt
3.	Lamp Life	90,000 Hours @ 70 % Effi.	4000 - 5000 Hours
4.	Guarantee/ Warranty	3 YEAR	NO Gu./Wa.
5.	Environment impact	Very low	High
6.	Maintenance time	Very low	High
7.	Maintenance cost	Very low	High
8.	Initial Cost	High	Low

LED LIGHTING SYSTEMS BY ILS

- High Quality Thermal Management by unique aluminum Heat Sink.
- ILS LED Lamp We are Controlling TJ Much Better Junction Temperature in ILS LED Lamp is $< 80^{\circ} \text{C}$. (Other Supplier's light is having TJ up to 120°C)
- Technically Designed high quality Fitment/ Fixture as per actual requirements of CITIZEN.
- Maintaining the maximum power quality.
- Dealing directly with customer's – No Extra marketing & Retailing cost.
- We can design the products as per customer requirements.
- 100% Technical support & tested product's.
- Highest Guarantee period -3 Years (lumens maintain 90 %, CCT, CRI)
- Specially concentrating on industrial products.

The logo for iLS Intelligent Lighting Systems features the letters 'iLS' in a stylized font. The 'i' is a simple vertical bar with a sun-like symbol above it. The 'L' is a thick vertical bar with a horizontal bar at the bottom. The 'S' is a large, green, serif letter. To the right of the logo, the words 'Intelligent Lighting Systems' are written in a bold, black, sans-serif font.

iLS Intelligent Lighting Systems

THANK YOU

Save Money

Save Energy Save our Planet

PLOT NO.209/9, GEB OFFICE ROAD, GIDC ANKLESHWAR-393002, GUJARAT,INDIA

OFFICE:- 02646-220245, FAX- 02646-222713.

www.ils.cc, Email- info@ils.cc, swagatank@gmail.com