



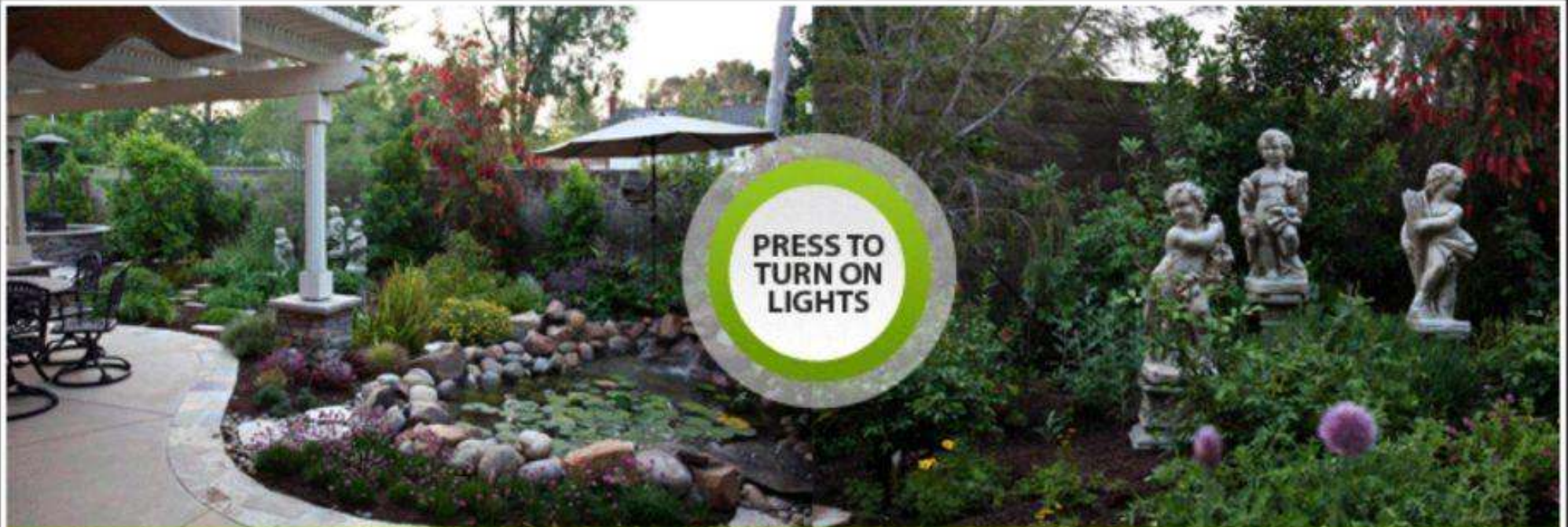
**FOREWER**<sup>®</sup>

Dream it. Do it.

[www.forewerenergy.com](http://www.forewerenergy.com)

Building a Greener Tomorrow

Email: [info@forewerenergy.com](mailto:info@forewerenergy.com)



**LEDeco** 

Forewer LED lights Made In INDIA





Energy conservation is the practice of decreasing the quantity of energy used. It may be achieved through efficient energy use, in which case energy use is decreased while achieving a similar outcome, or by reduced consumption of energy services. Energy conservation may result in increase of financial capital, environmental value, national security, personal security, and human comfort. Individuals and organizations that are direct consumers of energy may want to conserve energy in order to reduce energy costs and promote economic security. Industrial and commercial users may want to increase efficiency and thus maximize profit.

Forewer Energy.....Lights Forewer

Forewer Energy Technos pvt.ltd is a pioneer in bringing research based technological products in India like Forewer Led Lights, Forewer CFL Lights and Third -I(Night vision Road Safety System For Motor Vehicles)help to save fuel.

We have built our product on following principles" innovative technology and quality service"



## **Vission & Mission**

### **Our mission**

We improve the quality of people's lives through the technological innovations.....Forewer

### **Our vision**

In a world where technology increasingly touches every aspect of our daily lives, we will be a leading solutions provider in the areas Energy Conservation and enabling technology and systems to become most respected company in the eye of our customer.

### **Our values**

"Dream it ...Do It"

- Delight customers
- Deliver on commitments
- Develop people
- Depend on each other

### **Guiding Principles**

We request and promote achievements

The grater the success , the more freedom and liberty

We are optimistic, dynamic and have power of self assertion.

We passionately Fight for Success

We consistently pursue everything that has proven to be successful

And we try out new things

We strive for perfection in every area of our activity

We assume responsibility for our action, work in mutual respect and appreciation

We are straightforward and predictable in everything we do

The term we consider most important dealing with each other is "Dream it ...Do It"

## LED LIGHTING INDEX

### Commercial Lighting

- LED Tube Lights
- LED Ceiling Lights
- LED Down Lights
- LED Bulbs
- LED Surface Mounted Ceiling Lights



### Decorative Indoor Lighting

- LED Linear Lights
- LED Wall & Mirror Lights
- LED Showcase Lights



### Outdoor Lighting

- LED Flood Lights
- LED Street Lights
- LED In-ground Lights
- LED Underwater Lights
- LED Fountain Lights
- LED Garden Lights
- LED Pathway & Staircase Lights
- LED Outdoor Wall Lights



### Industrial Lighting

- LED High Bay Lights



## Comparison Chart : Conventional Fluorescent vs LED Tube

	Conventional Fluorescent Tube	LED Tube
Tube Power	36 W	16 W
Actual Power Consumption	55 W	16 W
Heat Emission	Very High. Higher Heat also results to higher air conditioning cost.	Very Low. Huge saving on air conditioning cost
Light Quality	Poor	Uniform
Life Span	Short (only 5000 hours)	Long (50000 Hours)
Environment	Harmful Mercury and Lead	No harmful raw materials used
Maintenance	Frequent maintenance Required	No Maintenance
Built	Fragile Glass and filament used	High quality Aluminium and Polycarbonate strong body
Cost of Ownership	Though Initial Cost is low but high maintenance, Lower Life and High power usage makes it expensive in the long term	Initial Cost is High, But huge savings in electricity costs and maintenance cost makes it much cheaper in the long term

**Application:**

- Home lighting
- Drawing rooms/bedrooms
- Study rooms
- Kitchen
- Bathrooms/dressings
- Offices, Hotels
- Shopping Centers
- IT, Call Centers
- Factory Shop Floors
- Banks, ATM's
- Wall lighting

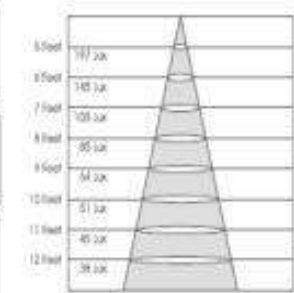


Andy's Market | Sebastopol, CA USA  
 Solution: TB Series

**Common specification**

AC 150-290V	LIFE 50000 HRS	IP 20	Color W 6000-6500K CW8000-8500 WW 2700-3000K	PF >.90	External Driver
Forever LTL5 -12 W Frosted	12W	1000 LM	Size(mm) L600*Dia 15	Replacement for 18W FTL Tube	
Forever LTL5 -24 W Frosted	24W	2200 LM	Size(mm) L1200*Dia 15	Replacement for 36W FTL Tube	
Forever LTL8 -9 W	9W	800 LM	Size(mm) L1200*Dia 27	Replacement for 18W FTL Tube	
Forever LTL8 -18 W	18W	1500 LM	Size(mm) L1200*Dia 27	Replacement for 36W FTL Tube	
Forever LTL10D 9W	9W	800 LM	Size(mm) L1200*Dia 30	Replacement for 18W FTL Tube	
Forever LT10D -18 W	18W	1600 LM	Size(mm) L1200*Dia 27	Replacement for 36W FTL Tube	

**OSRAM LED**



# LEDOWN 2BY2Cieling

LED Down Lighter

## Application:

Home lighting  
Garden lighting  
Drawing rooms/bedrooms  
Study rooms  
Kitchen  
Bathrooms/dressings  
Offices, Hotels  
Shopping Centers  
IT, Call Centers  
Factory Shop Floors  
Banks, ATM's  
Wall lighting



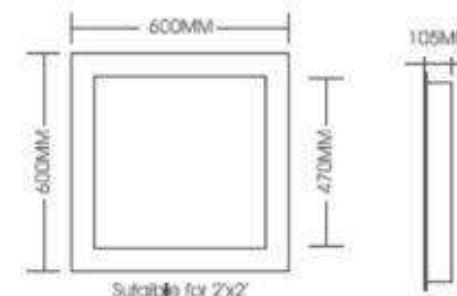
48 W	AC 150-290V		3500 LM	INBUILT DRIVER	OSRAM INSIDE
LIFE 50000 HRS	110 DEG ANGLE	IP 20	W 6000-6500K WW 2700-3000K		Replacement for 80W FTL Light



32 W	AC 150-290V		2400 LM	INBUILT DRIVER	OSRAM INSIDE
LIFE 50000 HRS	110 DEG ANGLE	IP 20	W 6000-6500K WW 2700-3000K		Replacement for 80W FTL Light



24 W	AC 150-290V		1600 LM	INBUILT DRIVER	OSRAM INSIDE
LIFE 50000 HRS	110 DEG ANGLE	IP 20	W 6000-6500K WW 2700-3000K		Replacement for 80W FTL Light



# LEDOWN 2by 2Panal

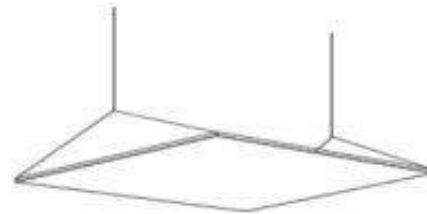
LED Down Lighter

**Application:**

- Home lighting
- Garden lighting
- Drawing rooms/bedrooms
- Study rooms
- Kitchen
- Bathrooms/dressings
- Offices, Hotels
- Shopping Centers
- IT, Call Centers
- Factory Shop Floors
- Banks, ATM's
- Wall lighting



Dimensions



Hanging arrangement



Recessed installation for False Ceiling



36 W	AC 150-290V	3500 LM	INBUILT DRIVER	OSRAM INSIDE
LIFE 50000 HRS	110 DEG ANGLE	IP 20	W 6000-6500K WW 2700-3000K	Replacement for 72W FTL Light



38 W	AC 150-290V	3500 LM	INBUILT DRIVER	OSRAM INSIDE
LIFE 50000 HRS	110 DEG ANGLE	IP 20	W 6000-6500K WW 2700-3000K	Replacement for 72W FTL Light

# LEDOWN Panel

LED Down Lighter

**Application:**

- Home lighting
- Garden lighting
- Drawing rooms/bedrooms
- Study rooms
- Kitchen
- Bathrooms/dressings
- Offices, Hotels
- Shopping Centers
- IT, Call Centers
- Factory Shop Floors
- Banks, ATM's
- Wall lighting



**Common specification**

AC 100-240V	LIFE 50000 HRS	IP 20	Color W 6000-6500K CW8000-8500 WW 2700-3000K	PF >.90	External Driver
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Forewer LDRP -10 W	10W	960 LM	Size(mm) 128 MM	OSRAM Inside
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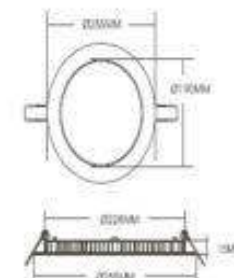
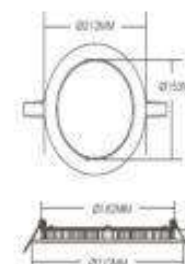
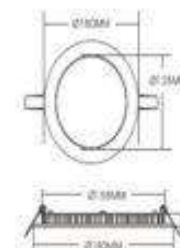
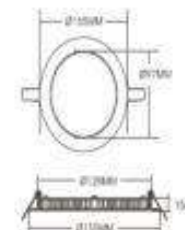
Forewer LDRP -12 W	12W	1200 LM	Size(mm) 158MM	OSRAM Inside
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Forewer LDRP -15 W	15W	1440 LM	Size(mm) 182 MM	OSRAM Inside
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Forewer LDRP -18 W	18W	1600 LM	Size(mm) 228 MM	OSRAM Inside
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# LEDOWN

LED Down Lighter

## Application:

Home lighting  
Garden lighting  
Drawing rooms/bedrooms  
Study rooms  
Kitchen  
Bathrooms/dressings  
Offices, Hotels  
Shopping Centers  
IT, Call Centers  
Factory Shop Floors  
Banks, ATM's  
Wall lighting



3W	AC 90 - 260V	3 x 1W LED	120 LM/W	110°	IP20	Driver Incl.		W:6000-6500K WW:2700-3000K	Color 	 90mm	Replacement for 35W Halogen
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12W	AC 90 - 260V	12 x 1W LED	120 LM/W	110°	IP20	Driver Incl.		W:6000-6500K WW:2700-3000K	Color 	 160mm	Replacement for 36W CFL D/L
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18W	AC 150 - 290V	6 x 3W LED	1200 LM	110°	 160mm	Color 	W:6000-6500K WW:2700-3000K	OSRAM LED		Life 50000 hours	Driver Incl.	Replacement for 36W CFL D/L
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36W	AC 150 - 290V	12 x 3W LED	2400 LM	110°	 160mm	Color 	W:6000-6500K WW:2700-3000K	OSRAM LED		Life 50000 hours	Driver Incl.	Replacement for 72W Metal Halide
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# LEDOWN Spot Light

### Application:

- Home lighting
- Garden lighting
- Drawing rooms/bedrooms
- Study rooms
- Kitchen
- Bathrooms/dressings
- Offices, Hotels
- Shopping Centers
- IT, Call Centers
- Factory Shop Floors
- Banks, ATM's
- Wall lighting



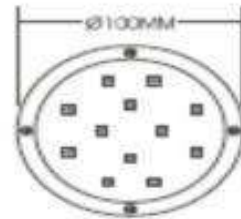
### Common specification

AC 100-240V	LIFE 50000 HRS	IP 20	Color W 6000-6500K CW8000-8500 WW 2700-3000K	PF >.90	External Driver
Forewer LDRL-9 W	9W	650 LM	Size(mm) 100 MM	OSRAM Inside	
Forewer LDRL-15 W	15W	1200 LM	Size(mm) 158MM	OSRAM Inside	
Forewer LDRL-21W	21W	2100 LM	Size(mm) 182 MM	OSRAM Inside	



Retrofit 12W LED Module replacement for (18x2)=36W CFL light

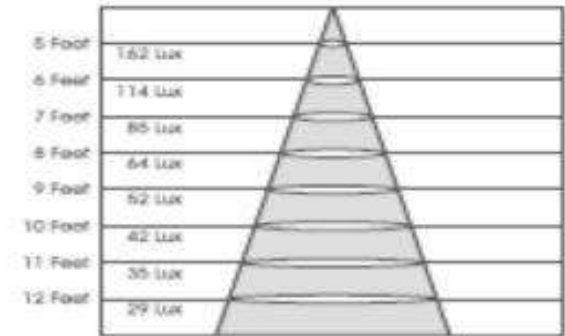
Save upto 70% Electricity



FOREWER LRF12

12W	AC 90-260V	12 x 1W LED	120 LM/W	External Driver		W:6000-6500K WW:2700-3000K	Color 
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Lux-Distance Curve



Step 1:  
Remove the existing glass cover



# FORMAXX<sup>FOREVER</sup>

LED bulb Made in INDIA

## Application:

Home lighting  
Garden lighting  
Drawing rooms/bedrooms  
Study rooms  
Kitchen  
Bathrooms/dressings  
Offices, Hotels  
Shopping Centers  
IT, Call Centers  
Factory Shop Floors  
Banks, ATM's  
Wall lighting

**LEdeco**  
Forever LED lights Made in INDIA



AC 90-270V	LIFE 50000 HRS	IP 20	Color W 6000-6500K CW8000-8500 WW 2700-3000K	PF >.90	Internal Driver
FormaXX Lb7	7W	OSRAM LED	650 LM	Replacement for 60 GLS	
FormaXX Lb5	5W	OSRAM LED	450LM	Replacement for 40W GLS	
FormaXX Lb3	3W	OSRAM LED	260 LM	Replacement for 25W GLS	

**Application:**

- Home lighting
- Garden lighting
- Drawing rooms/bedrooms
- Study rooms
- Kitchen
- Bathrooms/dressings
- Offices, Hotels
- Shopping Centers
- IT, Call Centers
- Factory Shop Floors
- Banks, ATM's
- Wall lighting



AC 90-270V	LIFE 50000 HRS	IP 20	Color W 6000-6500K CW8000-8500 WW 2700-3000K	PF >.90	Internal Driver
Energeco Lb9	9W	8 OSRAM LEDs	750 LM	Replacement for 75W GLS	
Energeco Lb7	7W	6 OSRAMLEDs	600LM	Replacement for 60W GLS	
Energeco Lb5	5W	5 OSRAM LEDs	450 LM	Replacement for 40W GLS	

# LEDLine STRIPS



## FLEXI GLOW NON-WATERPROOF SERIES

## FLEXI GLOW WATER PROOF SERIES



4.2W per meter	DC 12V	3528 SMD LED	120°
60 LEDs per meter	Size (mm): 8 x 50000		
IP20	Color: [Color swatches]	Driver incl.	

7.2W per meter	DC 12V	5050 SMD LED	120°
30 LEDs per meter	Size (mm): 10 x 50000		
IP20	Color: [Color swatches]	Driver incl.	

14.6W per meter	DC 12V	5050 SMD LED	120°
60 LEDs per meter	Size (mm): 10 x 50000		
IP20	Color: [Color swatches]	Driver incl.	

4.2W per meter	DC 12V	3528 SMD LED	120°
20 LEDs per meter	Size (mm): 8 x 50000		
IP65	Color: [Color swatches]	Driver incl.	

7.2W per meter	DC 12V	5050 SMD LED	120°
30 LEDs per meter	Size (mm): 10 x 50000		
IP65	Color: [Color swatches]	Driver incl.	

14.6W per meter	DC 12V	5050 SMD LED	120°
60 LEDs per meter	Size (mm): 10 x 50000		
IP65	Color: [Color swatches]	Driver incl.	

# LEdeco

Track & wall Light

 **LEdeco**  
Forever LED lights Made In INDIA



Track Light 7W



Wall Light 6W



Track Light 7



Track Light 9W

 **LEdeco**  
Forever LED lights Made In INDIA



FLOOR LIGHT 9W

[www.foreverenergy.com](http://www.foreverenergy.com)  
[www.foreverenergytechnosys.com](http://www.foreverenergytechnosys.com)



UP LIGHTER 7W



SPOT LIGHT 1&3 W

# LED FLOOD LIGHTS

## OUTDOOR LIGHTING

### Application:

Garden lighting  
Offices, Hotels  
Shopping Centers  
IT, Call Centers  
Factory Shop Floors  
Wall lighting



**Third-z**  
LED LIGHTS



Model	FOREWER TLF9-15	FOREWER TLF15-30	FOREWER TLF28-45	FOREWER TLF42-60	FOREWER TLFB-80	FOREWER TLFB25-100
Power	15 W	30W	45W	60W	80W	100W
Input Voltage	90-270	90-270	90-270	90-270	90-270	90-270
No of LEDs	9*3W	15*3W	28*3W	42*3W	1*80W	4*25W
LED Inside	OSRAM	OSRAM	OSRAM	OSRAM	BRIDGE LUX	BRIDGE LUX
LM	1500	3000	4500	6000	8000	9600
IP	65	65	65	65	65	65

# LED STREET LIGHTS OUTDOOR LIGHTING

Application:  
Street Light  
Parking Areas  
Public Areas  
Solar Street Lights  
Security Lights  
Boundary/Fence Lighting



**Third-i**<sup>®</sup>  
LIGHTING



Model	FOREWER TLS9-15	FOREWER TLS15-30	FOREWER TLS28-45	FOREWER TLS42-60	FOREWER TLS56-80	FOREWER TLS80-100
Power	15 W	30W	45W	60W	80W	110W
Input Voltage	90-270	90-270	90-270	90-270	90-270	90-270
No of LEDs	9*3W	15*3W	28*3W	42*3W	56*3W	80*3W
LED Inside	OSRAM	OSRAM	OSRAM	OSRAM	OSRAM	OSRAM
LM	1500	3000	4500	6000	8000	9600
IP	65	65	65	65	65	65

# Solar G

SolarLED Street Lighting



Power	15 W	30 W	60 W	80 W
Efficiency	80%	80%	80%	80%
Battery	40 AH	42 AH	75 AH	150 AH/75 AH *2
No.of LEDs	5	12	28	42
SPV	37.5WP	40 WP	75 WP	150 WP/75 WP*2
Voltage Battery	12V	12V	12V	24V/12V
Autonomy	2 Days	2 Days	2 Days	2 Days
Pole Hight	4 MTR	4 MTR	6 MTR	7 MTR
Charge Controlar	PWM			
Battery Box	MS SHEET BOX WITH POWEDER COATED			
Luminar Protection	IP 65			
DISPLAY INDICATION	Low Battery,Battery Charging,PV,Light(LED)			
BATTERY CONNECTION	4 Meter Long ,.5SQR mm Copper wire with Lugs			
SPV CONNECTION	2.5 MTE 1.5 SRE MM Two Mtr Copper wire with Lugs			



# LEDECO in ground

## Application:

Home lighting  
Garden lighting  
Drawing rooms/bedrooms  
Study rooms  
Kitchen  
Bathrooms/dressings  
Offices, Hotels  
Shopping Centers  
IT, Call Centers  
Factory Shop Floors  
Banks, ATM's  
Wall lighting



## Common specification

AC 100-240V	LIFE 50000 HRS	IP 65	PF >.90	External Driver	Oprating 12V
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Forewer LIG-1W	1*1W	15,30,45	Color W R G B Y RB WW	OSRAM Inside	OutDoor Aplication
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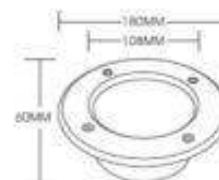
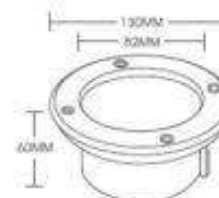
Forewer LIG-3W	3*1W	15,30,45	Color W R G B Y RB WW	OSRAM Inside	OutDoor Aplication
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Forewer LIG-6W	6*1W	15,30,45	Color W R G B Y RB WW	OSRAM Inside	OutDoor Aplication
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Forewer LIG-9W	9*1W	15,30,45	Color W R G B Y RB WW	OSRAM Inside	OutDoor Aplication
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# LEDECO

## Under Water

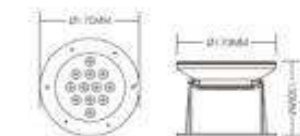
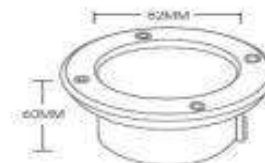
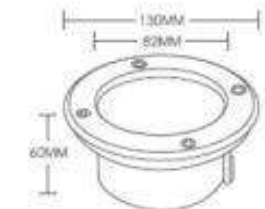
### Application:

Home lighting  
Garden lighting  
Drawing rooms/bedroom  
Study rooms  
Kitchen  
Bathrooms/dressings  
Offices, Hotels  
Shopping Centers  
IT, Call Centers  
Factory Shop Floors  
Banks, ATM's  
Wall lighting



### Common specification

	AC 230V	LIFE 50000 HRS	IP 68	15° 	Operating Voltage 12	PF >.90	External Driver
	Forewer LDRP -10 W	3W	300 LM	Color 	OSRAM Inside		
	Forewer LDRP -12 W	6W	600 LM	Color 	OSRAM Inside		
	Forewer LDRP -15 W	9W	900 LM	Color 	OSRAM Inside		
	Forewer LDRP -18 W	12W	1200 LM	Color 	OSRAM Inside		



# LED HIGH BAY LIGHTS

## INDUSTRIAL LIGHTING

### Application:

Offices, Hotels  
Shopping Centers  
IT, Call Centers,  
RAILWAY PLATE FARM  
Factory Shop Floors



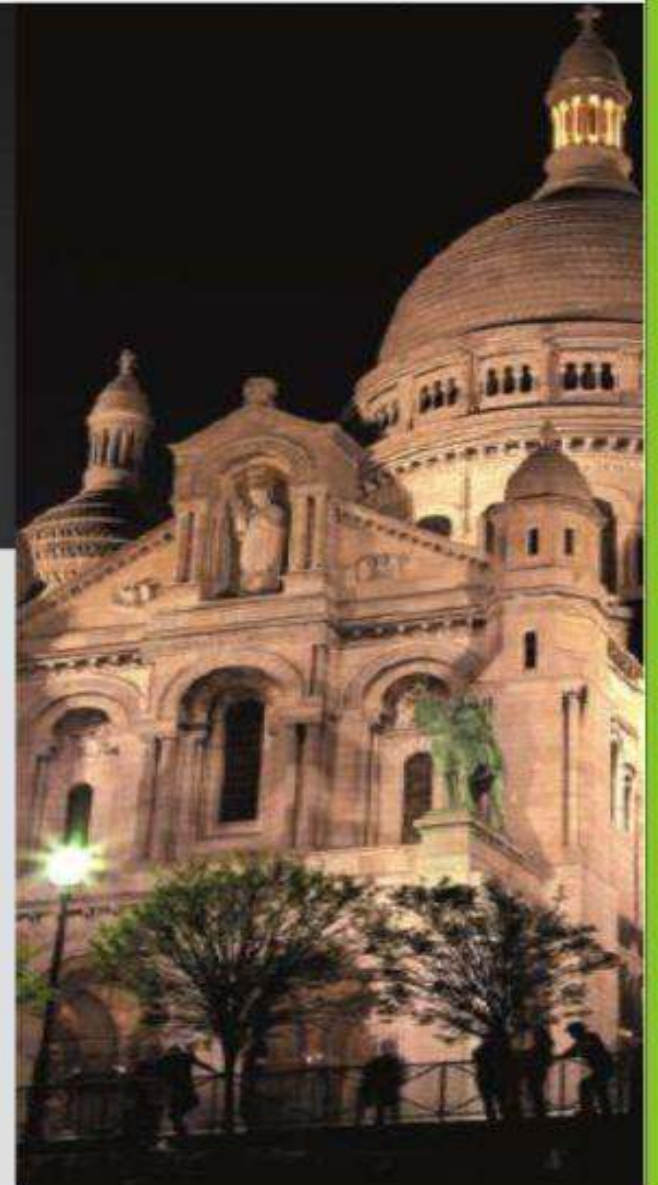

Third-i  
Intelligent



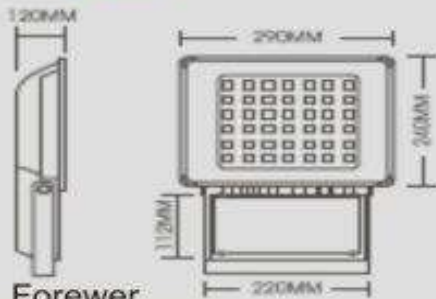
Model	FOREWER TLH9-15	FOREWER TLH15-30	FOREWER TLH28-45	FOREWER TLH42-60	FOREWER TLHB-80	FOREWER TLHB25-100
Power	15 W	30W	45W	60W	80W	100W
Input Voltage	90-270	90-270	90-270	90-270	90-270	90-270
No of LEDs	9*3W	15*3W	28*3W	42*3W	1*80W	4*25W
LED Inside	OSRAM	OSRAM	OSRAM	OSRAM	BRIDGE LUX	BRIDGE LUX
LM	1500	3000	4500	6000	8000	9600
IP	65	65	65	65	65	65



**NEW**  
With Wide  
Beam Angle



**OSRAM**  
LED



Forewer  
LFL-90

Lux Distance Curve



Beam Angle: 90°

- 90W
- AC 150 - 290V
- OSRAM LED
- 40 LEDs
- 8000 LM
- P65
- Life 50000 hours
- W: 6000-6500K HW: 2700-3000K
- Color



**Dream it. Do it.**



Together, a Greener Planet

Together, a Greener Planet

**FOREVER** WATS GROUP

**Dream it. Do it.**



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