



R-PROXIMA LIGHTING SOLUTION

# R-PROXIMA

## LIGHTING SOLUTION



# Vision & Mission

## Vision

To become a highly respectful, knowledge based innovative global enterprise in LED Lighting manufacturing segment.

We stand for 'Leadership Position of Excellence' for our quality products and aim to be a Global player in improving the quality of Human life.

We believe that, this endeavor is a continuous process, and strive hard to evolve and excel in every part of our activity. We stand for what we say and what we do, with total commitment driven by our Values and Principles.

## Mission

**We stand by our statement and will achieve our mission by:**

- Focusing on 'Quality Deliverance' as the core competency of our business process
- Being a 'Customer Centric Organization', with continuous value addition
- Embracing 'Continual Improvement' as a practice, in all our Business operations
- Nurturing 'Breakthrough ideas' with our 'Industry wisdom' and delivering the best possible solution through our 'Knowledge Management
- Holding the true sense of self-respect in whatever we do, both in terms of an individual As-

## Light for work

### Efficient and sustainable

Lighting that was used for the work spaces is now more efficient and sustainable. With sustainable lighting solutions, up to 80% energy can be saved. Also the ROI of these products is very fast as compared to traditional lighting solutions.

## Our Product Line

- LED Street light
  - LED flood light
  - Led high bay light
  - Led leaner high bay light
  - Led well glass light
  - Rechargeable led flood light
  - RGB light (wireless communication )
  - RGB light ( remote controller/automatic )
  - Single color led flood light
  - Canopy light
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- Led solar street light
  - Solar all in one street light
  - Solar semi-integrated solar street light
  - Solar flood lights
  - Solar high mast light
  - Solar water pump
  - Solar ip cctv 4 G camera
  - Solar garden light
  - Solar home
  - Solar student reading lamp

# LED STREET LIGHT / 24 W-220w



## Features : -

- Elegant streamline design, less windage area.
- Tough mechanical structure design anti-vibration ability.
- Clear toughened glass.
- Extruded profile silicon Gasket.
- Separate electronic driver compartment.
- Flexible mounting options with angle adjustable from 0-90 degree as a optional.
- High efficacy advanced technology led with LM 80 certified.
- Impact Resistance, Shock-proof, Without Ultraviolet (UV) and Infrared (IR) Radiation
- High Color Index, Nice Coloration
- Multiple Color Temperature Options
- Green and Environmental Protection
- High Luminous Efficiency

## Thermal Management :

- Using high heat conductivity material, the gaps between heat sink create air convection which increases heat dissipation speed.

## Optical System : -

- High quality of without scattered light.
- Composed of high-performance optical grade material lenses to achieve desired distribution for road lighting application.

## Electrical System : -

- Internal 4.5 KV surge suppression protection.
- Wide Working Voltage
- Start Without Delay
- Optional 10 KV surge protection device.
- Constant precision of output current with short circuit and open circuit protection.
- Over voltage protection and 440 AC input withstand.
- Low THD <10%
- Ambient temperature : -10 C to 45 C.

## PRODUCT SERIES : - PRIME SERIES



### Technical Parameters :-

Input AC volt	:	140 to 270 VAC
Frequency	:	50/60 Hz
Luminous Efficacy	:	100-110 lm/watt
CCT (K)	:	3000K/4000K/5700-6500 K
Secondary optical	:	Available (Optional )

Order code	System wattage	Delivered Lumens	THD	PF	Surge protection	IP
LSRPFR24	24	2550	<10%	0.9	4.5 KV	>65
LSRPFR36	36	3672	<10%	0.9	4.5 KV	>65
LSRPFR50	50	5100	<10%	0.9	4.5 KV	>65
LSRPFR60	60	6120	<10%	0.9	4.5 KV	>65
LSRPFR75	75	7650	<10%	0.9	4.5 KV	>65
LSRPFR90	90	9180	<10%	0.9	4.5 KV	>65
LSRPFR100	100	10200	<10%	0.9	4.5 KV	>65
LSRPFR135	135	13770	<10%	0.9	4.5 KV	>65
LSRPFR150	150	15300	<10%	0.9	4.5 KV	>65
LSRPFR200	200	20400	<10%	0.9	4.5 KV	>65
LSRPFR220	220	22440	<10%	0.9	4.5 KV	>65

# LED STREET LIGHT / 25W-180w



## Features : -

- Elegant streamline design, less wind-age area.
- Tough mechanical structure design anti-vibration ability.
- Clear toughened glass with powder coating finish.
- Extruded profile silicon Gasket.
- Separated gear compartment.
- Flexible mounting options with angle adjustable from 0-90 degree as an optional.
- High efficacy advanced technology LED with LM80 certified.
- Impact Resistance, Shock-proof, Without Ultraviolet (UV) and Infrared (IR) Radiation
- High Color Index, Nice Coloration
- Multiple Color Temperature Options
- Green and Environmental Protection
- High Luminous Efficiency

## Thermal Management :

- Using high heat conductivity material, the gaps between heat sink create air convection which increases heat dissipation speed.
- Work Under Low-voltage and Low-Heat, Safe and Reliable

## Optical System : -

- High quality of without scattered light.
- Composed of high-performance optical grade material lenses to achieve desired distribution for road lighting application.
- Revolutionary Photometric Design
- No Adverse Glare

## Electrical System : -

- Internal 4.5 KV surge suppression protection.
- Wide Working Voltage
- Start Without Delay
- Optional 10 KV surge protection device.
- Constant precision of output current with short circuit and open circuit protection.
- Over voltage protection and 440 AC input withstand.
- Low THD <10%
- Ambient temperature : -10 C to 45 C.

## PRODUCT SERIES : - ECO SERIES



### Technical Parameters :-

Input AC volt	:	140 to 270 VAC
Frequency	:	50/60 Hz
Luminous Efficacy	:	100-110 lm/watt
CCT (K)	:	3000K/4000K/5700-6500 K
Secondary optical	:	Available (Optional)

Order code	System wattage	Delivered Lumens	THD	PF	Surge protection	IP
LSRPGL25	25	2550	<10%	0.9	4.5 KV	>65
LSRPGL36	36	3672	<10%	0.9	4.5 KV	>65
LSRPGL50	50	5100	<10%	0.9	4.5 KV	>65
LSRPGL60	60	6120	<10%	0.9	4.5 KV	>65
LSRPGL75	75	7650	<10%	0.9	4.5 KV	>65
LSRPGL90	90	9180	<10%	0.9	4.5 KV	>65
LSRPGL100	100	10200	<10%	0.9	6 KV	>65
LSRPGL135	135	13770	<10%	0.9	6 KV	>65
LSRPGL150	150	15300	<10%	0.9	6 KV	>65
LSRPGL180	180	18360	<10%	0.9	6 KV	>65

# LED STREET LIGHT / 20W-150w



## Features : -

- Elegant streamline design, less windage area.
- Tough mechanical structure design anti-vibration ability.
- Extruded profile silicon Gasket.
- Separated gear compartment.
- Flexible mounting options with angle adjustable form 0-90 degree as a optional.
- High efficacy advance technology led with LM80 certified.
- **Impact Resistance, Shock-proof, Without Ultraviolet (UV) and Infrared (IR) Radiation**
- **High Color Index, Nice Coloration**
- **Multiple Color Temperature Options**
- **Green and Environmental Protection**
- **High Luminous Efficiency**

## Thermal Management :

- Using high heat conductivity material, the gaps between heat sink create air convection which increases heat dissipation speed.
- **Work Under Low-voltage and Low-Heat, Safe and Reliable**

## Optical System : -

- High quality of without scattered light.
- Composed of high-performance optical grade material lenses to achieve desired distribution for road lighting application.
- **Revolutionary Photometric Design**
- **No Adverse Glare**

## Electrical System : -

- Internal 4.5 KV surge suppression protection.
- **Wide Working Voltage**
- **Start Without Delay**
- Optional 10 KV surge protection device.
- Constant precision of output current with short circuit and open circuit protection.
- Over voltage protection and 440 AC input withstand.
- Low THD <10%
- Ambient temperature : -10 C to 45 C.

## PRODUCT SERIES : - LNS SERIES



### Technical Parameters :-

Input AC volt	:	140 to 270 VAC
Frequency	:	50/60 Hz
Luminous Efficacy	:	100-105 lm/watt
CCT (K)	:	3000K/4000K/5700-6500 K

Order code	System wattage	Delivered Lumens	THD	PF	Surge protection
LSRPLNS20	20	2040	<10%	0.9	4.5 KV
LSRPLNS30	30	3060	<10%	0.9	4.5 KV
LSRPLNS40	40	4080	<10%	0.9	4.5 KV
LSRPLNS50	50	5100	<10%	0.9	4.5 KV
LSRPLNS60	60	6120	<10%	0.9	4.5 KV
LSRPLNS80	80	9180	<10%	0.9	4.5 KV
LSRPLNS100	100	10200	<10%	0.9	6 KV
LSRPLNS120	120	12240	<10%	0.9	6 KV
LSRPLNS150	150	15300	<10%	0.9	6 KV

# LED FLOOD LIGHT / 30W-220w



## Features : -

- Elegant streamline design, less windage area.
- Tough mechanical structure design anti-vibration ability.
- Clear toughened glass with powder coating finish.
- Extruded profile silicon Gasket.
- Flexible mounting options with angle adjustable from 0-90 degree.
- High efficacy advance technology led with LM80 certified.
- Impact Resistance, Shock-proof, Without Ultraviolet (UV) and Infrared (IR) Radiation.
- High Color Index, Nice Coloration
- Multiple Color Temperature Options
- Green and Environmental Protection
- High Luminous Efficiency

## Thermal Management :

- Using high heat conductivity material, the gaps between heat sink create air convection which increases heat dissipation speed.
- Work Under Low-voltage and Low-Heat, Safe and Reliable

## Optical System : -

- High quality of without scattered light.
- Composed of high-performance optical grade material lenses to achieve desired distribution for road lighting application.
- Revolutionary Photometric Design
- No Adverse Glare

## Electrical System : -

- Internal 4.5 KV surge suppression protection.
- Wide Working Voltage
- Start Without Delay
- Optional 10 KV surge protection device.
- Constant precision of output current with short circuit and open circuit protection.
- Over voltage protection and 440 AC input withstand.
- Low THD <10%
- Ambient temperature : -10 C to 45 C.

## PRODUCT SERIES : - SLIM SERIES



### Technical Parameters :-

Input AC volt	:	140 to 270 VAC
Frequency	:	50/60 Hz
Luminous Efficacy	:	100-105 lm/watt
CCT (K)	:	3000K/4000K/5700-6500 K
Secondary optical	:	Available (Optional)

Order code	System wattage	Delivered Lumens	THD	PF	Surge protection	IP
<b>LFRPSL30</b>	<b>30</b>	<b>3060</b>	<b>&lt;10%</b>	<b>0.9</b>	<b>4.5 KV</b>	<b>&gt;65</b>
<b>LFRPSL50</b>	<b>50</b>	<b>5100</b>	<b>&lt;10%</b>	<b>0.9</b>	<b>4.5 KV</b>	<b>&gt;65</b>
<b>LFRPSL80</b>	<b>80</b>	<b>8160</b>	<b>&lt;10%</b>	<b>0.9</b>	<b>4.5 KV</b>	<b>&gt;65</b>
<b>LFRPSL100</b>	<b>100</b>	<b>10200</b>	<b>&lt;10%</b>	<b>0.9</b>	<b>4.5 KV</b>	<b>&gt;65</b>
<b>LFRPSL120</b>	<b>120</b>	<b>12240</b>	<b>&lt;10%</b>	<b>0.9</b>	<b>6 KV</b>	<b>&gt;65</b>
<b>LFRPSL150</b>	<b>150</b>	<b>15300</b>	<b>&lt;10%</b>	<b>0.9</b>	<b>6 KV</b>	<b>&gt;65</b>
<b>LFRPSL200</b>	<b>200</b>	<b>20400</b>	<b>&lt;10%</b>	<b>0.9</b>	<b>6 KV</b>	<b>&gt;65</b>
<b>LFRPSL220</b>	<b>220</b>	<b>22440</b>	<b>&lt;10%</b>	<b>0.9</b>	<b>6 KV</b>	<b>&gt;65</b>

# LED FLOOD LIGHT / 50W-360w



## Features : -

- Elegant streamline design, less windage area.
- Tough mechanical structure design anti-vibration ability.
- Clear toughened glass.
- Extruded profile silicon Gasket.
- Separate electronic driver compartment.
- Flexible mounting options with angle adjustable from 0-90 degree.
- High efficacy advance technology led with LM80 certified.
- Impact Resistance, Shock-proof, Without Ultraviolet (UV) and Infrared (IR) Radiation
- High Color Index, Nice Coloration
- Multiple Color Temperature Options
- Green and Environmental Protection
- High Luminous Efficiency

## Thermal Management :

- Using high heat conductivity material, the gaps between heat sink create air convection which increases heat dissipation speed.
- Work Under Low-voltage and Low-Heat, Safe and Reliable

## Optical System : -

- High quality of without scattered light.
- Composed of high-performance optical grade material lenses to achieve desired distribution for road lighting application.
- Revolutionary Photometric Design
- No Adverse Glare

## Electrical System : -

- Internal 4.5 KV surge suppression protection.
- Wide Working Voltage
- Start Without Delay
- Optional 10 KV surge protection device.
- Constant precision of output current with short circuit and open circuit protection.
- Over voltage protection and 440 AC input withstand.
- Low THD <10%
- Ambient temperature : -10 C to 45 C.

## PRODUCT SERIES : - PRIM SERIES



### Technical Parameters :-

Input AC volt	:	140 to 270 VAC
Frequency	:	50/60 Hz
Luminous Efficacy	:	100-110 lm/watt
CCT (K)	:	3000K/4000K/5700-6500 K
Secondary optical	:	Available (Optional )

Order code	System wattage	Delivered Lumens	THD	PF	Surge protection	IP
LFRPBC50	50	5100	<10%	0.9	4.5 KV	>65
LFRPBC80	80	8160	<10%	0.9	4.5 KV	>65
LFRPBC100	100	10200	<10%	0.9	4.5 KV	>65
LFRPBC120	120	12240	<10%	0.9	4.5 KV	>65
LFRPBC150	150	15300	<10%	0.9	6 KV	>65
LFRPBC170	170	17340	<10%	0.9	6 KV	>65
LFRPBC200	200	20400	<10%	0.9	6 KV	>65
LFRPBC220	220	22440	<10%	0.9	6 KV	>65
LFRPBC250	250	25500	<10%	0.9	6 KV	>65
LFRPBC270	270	27540	<10%	0.9	6 KV	>65
LFRPBC300	300	30600	<10%	0.9	6 KV	>65
LFRPBC330	330	33660	<10%	0.9	6 KV	>65
LFRPBC360	360	36720	<10%	0.9	6 KV	>65

# LED FLOOD LIGHT / 50W-260w



## Features : -

- Elegant streamline design, less windage area.
- Tough mechanical structure design anti-vibration ability.
- Clear toughened glass with powder coating finish.
- Extruded profile silicon Gasket.
- Separated gear compartment.
- High efficacy advance technology led with LM80 certified.
- Impact Resistance, Shock-proof, Without Ultraviolet (UV) and Infrared (IR) Radiation
- High Color Index, Nice Coloration
- Multiple Color Temperature Options
- Green and Environmental Protection
- High Luminous Efficiency

## Thermal Management : -

- Using high heat conductivity material, the gaps between heat sink create air convection which increases heat dissipation speed.
- Work Under Low-voltage and Low-Heat, Safe and Reliable

## Optical System : -

- High quality of without scattered light.
- Composed of high-performance optical grade material lenses to achieve desired distribution for road lighting application.
- A variety of optics feature apply to kinds for road lighting requirements.
- Revolutionary Photometric Design
- No Adverse Glare

## Electrical System : -

- Constant precision of output current with short circuit and open circuit protection.
- Over voltage protection and 440 AC input withstand.
- Wide Working Voltage
- Start Without Delay
- Low THD <10%
- Ambient temperature : -10 C to 45 C
- Internal 4.5 KV surge suppression protection.
- Optional 10 KV surge protection device.

## PRODUCT SERIES : - PRIM SERIES



### Technical Parameters :-

Input AC volt	:	140 to 270 VAC
Frequency	:	50/60 Hz
Luminous Efficacy	:	100-105 lm/watt
CCT (K)	:	3000K/4000K/5700-6500 K
Secondary optical	:	Available (Optional )

Order Code	System Wattage	Delivered Lumens	THD	PF	Surge Protection	IP
<b>BHRPPH10250</b>	<b>50</b>	<b>5100</b>	<b>&lt;10%</b>	<b>0.9</b>	<b>4.5 KV</b>	<b>&gt;65</b>
<b>BHRPPH10280</b>	<b>80</b>	<b>8160</b>	<b>&lt;10%</b>	<b>0.9</b>	<b>4.5 KV</b>	<b>&gt;65</b>
<b>BHRPPH102100</b>	<b>100</b>	<b>10200</b>	<b>&lt;10%</b>	<b>0.9</b>	<b>4.5 KV</b>	<b>&gt;65</b>
<b>BHRPPH102120</b>	<b>120</b>	<b>12240</b>	<b>&lt;10%</b>	<b>0.9</b>	<b>4.5 KV</b>	<b>&gt;65</b>
<b>BHRPPH102150</b>	<b>150</b>	<b>15300</b>	<b>&lt;10%</b>	<b>0.9</b>	<b>6 KV</b>	<b>&gt;65</b>
<b>BHRPPH102200</b>	<b>200</b>	<b>20400</b>	<b>&lt;10%</b>	<b>0.9</b>	<b>6 KV</b>	<b>&gt;65</b>
<b>BHRPPH102230</b>	<b>230</b>	<b>23460</b>	<b>&lt;10%</b>	<b>0.9</b>	<b>6 KV</b>	<b>&gt;65</b>
<b>BHRPPH102260</b>	<b>260</b>	<b>26520</b>	<b>&lt;10%</b>	<b>0.9</b>	<b>6 KV</b>	<b>&gt;65</b>

# RECHARGEABLE LED FLOOD LIGHT / 9W-50w



## Features : -

- Aesthetic Design
- Compliant with performance standards
- LED ensures cool operation for long operating time
- Ideal lighting solution for powerful lighting
- High tensile zinc passivated hardware
- Light angle can be made application specific
- No UV or IR radiation
- Extremely cost effective operation
- Green & Environment Protection
- Heat resistant and toughened type glass
- Thermal management designed for maximum service life
- Long service and battery life
- Easy to carry anywhere
- Easy installation

## Thermal Management : -

- Using high heat conductivity material, the gaps between heat sink create air convection which increases heat dissipation speed.
- Work Under Low-voltage and Low-Heat, Safe and Reliable

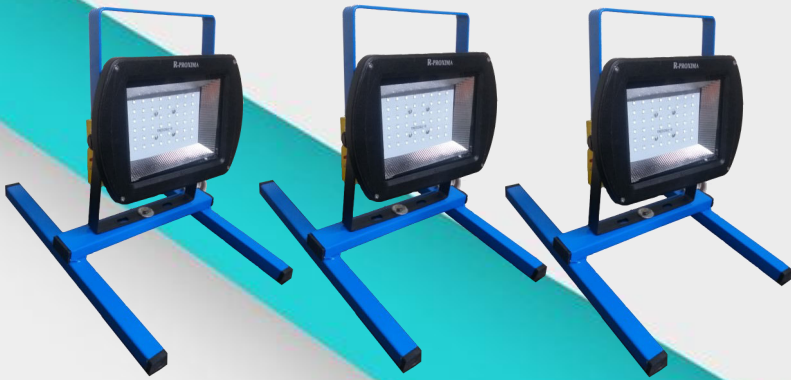
## Optical System : -

- High quality of without scattered light.
- Composed of high-performance optical grade material lenses to achieve desired distribution for road lighting application.
- A variety of optics feature apply to kinds for road lighting requirements.
- Revolutionary Photometric Design
- No Adverse Glare

## Electrical System : -

- Constant precision of output current with short circuit and open circuit protection.
- Over voltage protection and 300 AC input withstand.
- Wide Working Voltage
- Start Without Delay
- Ambient temperature : -10 C to 45 C

## PRODUCT SERIES : - EMERGENCY INDUSTRIAL LIGHT

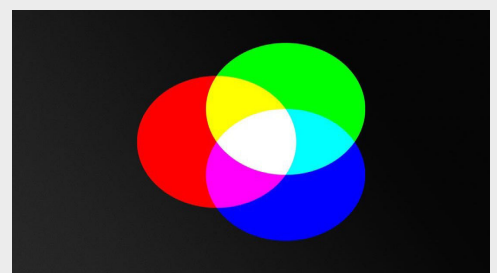


### Technical Parameters :-

Input AC volt	:	140 to 270 VAC
Frequency	:	50/60 Hz
Luminous Efficacy	:	100-105 lm/watt
CCT (K)	:	3000K/4000K/5700-6500 K
Secondary optical	:	Available (Optional )
Charging time	:	4-8 hours

Order Code	System Wattage	Delivered Lumens	Battery back-up	Stand	Battery type	IP
RCFLRP09	9	900	4 hours	Yes	Lithium ion / LifePo4	>65
RCFLRP12	12	1200	4 hours	Yes	Lithium ion / LifePo4	>65
RCFLRP15	15	1500	4 hours	Yes	Lithium ion / LifePo4	>65
RCFLRP20	20	2000	4 hours	Yes	Lithium ion / LifePo4	>65
RCFLRP30	30	3000	4 hours	Yes	Lithium ion / LifePo4	>65
RCFLRP40	40	4000	4 hours	Yes	Lithium ion / LifePo4	>65
RCFLRP50	50	5000	4 hours	Yes	Lithium ion / LifePo4	>65
RCFLRP60	60	6000	4 hours	Yes	Lithium ion / LifePo4	>65

## WIRELESS RGB LIGHT / 50W-150w



### Features : -

#### **DMX Controller RGB Light**

Radio frequency controlled wireless DMX controller

Well-designed communication protocol

10,00,000 different colors available

Full addressable control for all of our LED products

Portable and easy to install

24 different pattern available

User defined pattern generation

In system flash to store user defined pattern

Addressable control

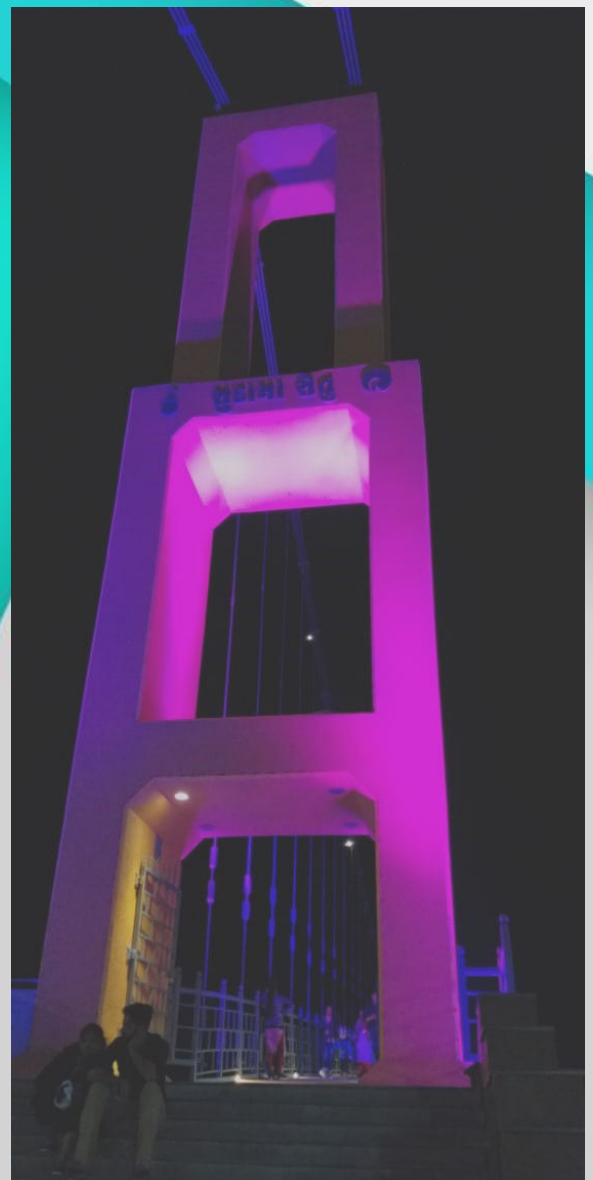
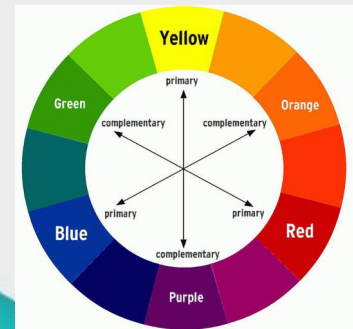
GSM/GPRS interfacing facility

500 meters wireless range

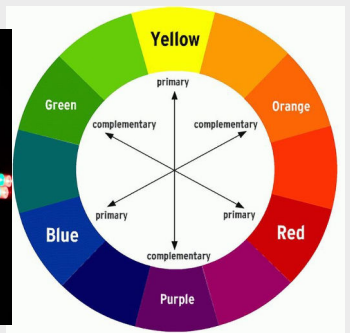
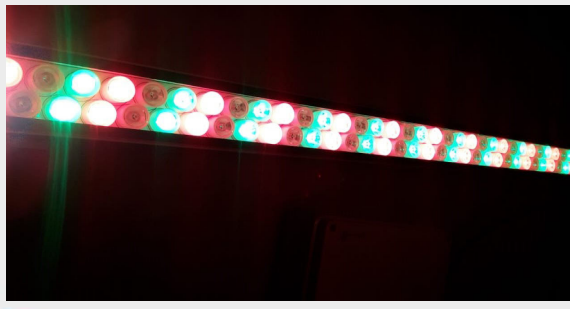
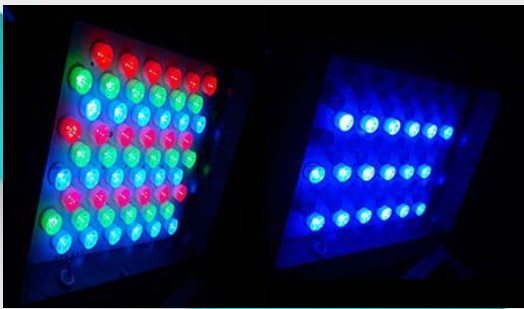
USB interface

Computer software to select colors and generated pattern

- Tough mechanical structure design anti-vibration ability.
- Clear toughened glass with powder coating finish.
- Extruded profile silicon Gasket.
- Separated gear compartment.
- Flexible mounting options with angle adjustable form 0-90 degree as a optional.



## PRODUCT SERIES : - RGB SERIES



RGB LIGHT			
Order code	system wattage	communication	color
<b>Warless communication</b>			
FLRGBLES50	50	wireless	multicolor / programmed
FLRGBLES80	80	wireless	multicolor / programmed
FLRGBLES100	100	wireless	multicolor / programmed
FLRGBLES120	120	wireless	multicolor / programmed
FLRGBLES150	150	wireless	multicolor / programmed
<b>wall washer</b>			
LWWRGBLES50	50	wireless	multicolor / programmed
LWWRGBLES80	80	wireless	multicolor / programmed
LWWRGBLES100	100	wireless	multicolor / programmed
LWWRGBLES120	120	wireless	multicolor / programmed
<b>Remote controlled</b>			
FLRGBRE30RE	30	Remote cont.	Multicolor
FLRGBRE50RE	50	Remote cont.	Multicolor
FLRGBRE100RE	100	Remote cont.	Multicolor
FLRGBRE130RE	130	Remote cont.	Multicolor
FLRGBRE150RE	150	Remote cont.	Multicolor
FLRGBRE200RE	200	Remote cont.	Multicolor
<b>single color</b>			
FLRGB30RGB	30	wired	Single color
FLRGB50RGB	50	wired	Single color
FLRGB100RGB	100	wired	Single color
FLRGB130RGB	130	wired	Single color
FLRGB150RGB	150	wired	Single color
FLRGB200RGB	200	wired	Single color

## ALL IN ONE SOLAR STREET LIGHT / 7W - 50w



### Features & Advantages : -

Solar street lights are independent of the utility grid resulting to lessened operation costs.

These means that these are wireless lights and are not connected to your electricity provider. The lights are dependent of the heat energy given off by the sun, storing as much of it throughout the day.

Solar street lights require lesser maintenance than conventional street lights.

These have lower chances of overheating. Since solar wires do not have external wires, the risk of accidents is minimized.

A lot of times, accidents happen to the personnel who fixes the street light.

These can include strangulation or electrocution.

Solar street lights are environment-friendly because its panels are solely dependent to the sun hence eliminating your carbon footprints contribution.

Some parts of solar street lighting systems can be easily carried to remote areas making these more efficient and handy solutions to lighting problems.

On the other hand, if there are advantages, solar street lights also have a number of disadvantages.

It also pays to make you aware of these few advantages just so you can compare it to conventional lighting systems .



## PRODUCT SERIES : - AIO SERIES

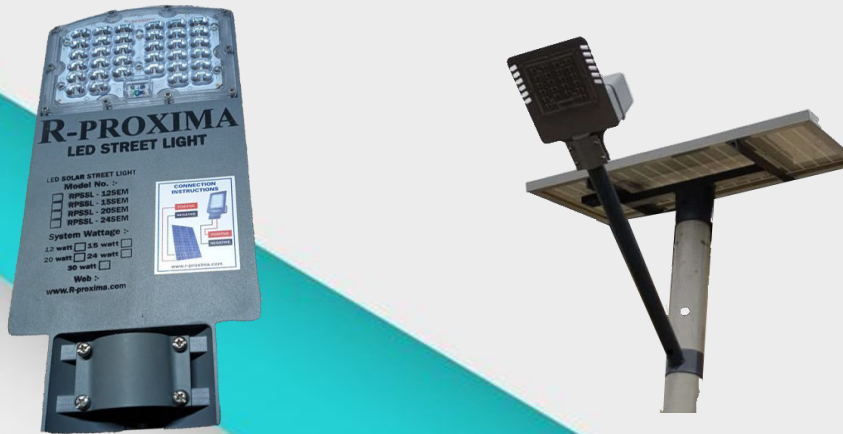


### Technical Parameters :-

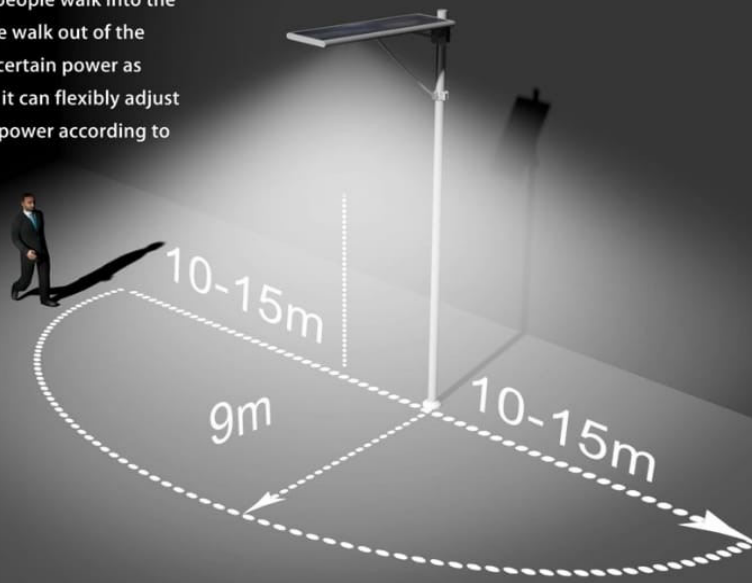
Battery backup	:	15 h. - 24 h.
Battery	:	<b>Lifepo4 /lithium ion</b>
Luminous Efficacy	:	90-105 lm/watt
CCT (K)	:	3000K/4000K/5700-6500 K
Secondary optical	:	Available (Optional )

Order code	system wattage	Delivered Lumens	CCT	Battery
RPAIO7SL	7	714	3000K/4000K/6000K	Lifepo4 /lithium ion
RPAIO9SL	9	918	3000K/4000K/6000K	Lifepo4 /lithium ion
RPAIO12SL	12	1224	3000K/4000K/6000K	Lifepo4 /lithium ion
RPAIO18SL	18	1836	3000K/4000K/6000K	Lifepo4 /lithium ion
RPAIO24SL	24	2448	3000K/4000K/6000K	Lifepo4 /lithium ion
RPAIO30SL	30	3060	3000K/4000K/6000K	Lifepo4 /lithium ion
RPAIO40SL	40	4080	3000K/4000K/6000K	Lifepo4 /lithium ion
RPAIO50SL	50	5100	3000K/4000K/6000K	Lifepo4 /lithium ion

# SEMI INTREGRETED STREET LIGHT / 7W - 50w



With infrared human motion sensor, the light can work full power when people walk into the sensing range; When people walk out of the range, the light can dim to certain power as required. At the same time, it can flexibly adjust the percentage of lighting power according to special requirements.



## Features & Advantages : -

Solar street lights are independent of the utility grid resulting to lessened operation costs. These means that these are wireless lights and are not connected to your electricity provider. The lights are dependent of the heat energy given off by the sun, storing as much of it throughout the day.

Solar street lights require lesser maintenance than conventional street lights.

These have lower chances of overheating. Since solar wires do not have external wires, the risk of accidents is minimized.

A lot of times, accidents happen to the personnel who fixes the street light.

These can include strangulation or electrocution.

Solar street lights are environment-friendly because its panels are solely dependent to the sun hence eliminating your carbon footprints contribution.

Some parts of solar street lighting systems can be easily carried to remote areas making these more efficient and handy solutions to lighting problems.

On the other hand, if there are advantages, solar street lights also have a number of disadvantages.

It also pays to make you aware of these few advantages just so you can compare it to conventional lighting systems .

## PRODUCT SERIES : - SEMI INTREGRETED SERIES



### Technical Parameters :-

Battery backup	:	15 h. - 24 h.
Battery	:	<b>Lifepo4 /lithium ion</b>
Luminous Efficacy	:	90-105 lm/watt
CCT (K)	:	3000K/4000K/5700-6500 K
Secondary optical	:	Available (Optional )

Order code	system wattage	Delivered Lumens	CCT	Battery
RPSEMI7SO	7	714	3000K/4000K/6000K	Lifepo4 /lithium ion
RPSEMI9SO	9	918	3000K/4000K/6000K	Lifepo4 /lithium ion
RPSEMI12SO	12	1224	3000K/4000K/6000K	Lifepo4 /lithium ion
RPSEMI18SO	18	1836	3000K/4000K/6000K	Lifepo4 /lithium ion
RPSEMI24SO	24	2448	3000K/4000K/6000K	Lifepo4 /lithium ion
RPSEMI30SO	30	3060	3000K/4000K/6000K	Lifepo4 /lithium ion
RPSEMI40SO	40	4080	3000K/4000K/6000K	Lifepo4 /lithium ion
RPSEMI50SO	50	5100	3000K/4000K/6000K	Lifepo4 /lithium ion
RPSEMI60SO	60	6120	3000K/4000K/6000K	Lifepo4 /lithium ion

# LED PANEL LIGHT

Square / Round Concealed Type



Product code	Wattage (W)	Design	Outer size (mm)	Cut Out size (mm)
RP-601	4 W	Round & Square	80X80	68X68
RP-602	8W	Round & Square	105X105	95X95
RP-603	12W	Round & Square	150X150	135X135
RP-604	15W	Round & Square	175X175	160X160
RP-605	22W	Round & Square	210X210	200X200
RP-606	30W	Square	300X300 (1X1)	285X285
RP-607	50W	Square	595X595 (2X2)	575X575



# LED PANEL LIGHT

Square / Round Surface Type



Code	Wattage (W)	Design	Outer Size	Height (mm)
RP-608	4 W	Round & Square	80X80	40 MM
RP-609	8W	Round & Square	101X101	40 MM
RP-610	12W	Round & Square	143X143	40 MM
RP-611	15W	Round & Square	167X167	40 MM
RP-612	22W	Round & Square	205X205	40 MM
RP-613	30W	Square	300X300 (1X1)	50 MM



# LED PANEL LIGHT

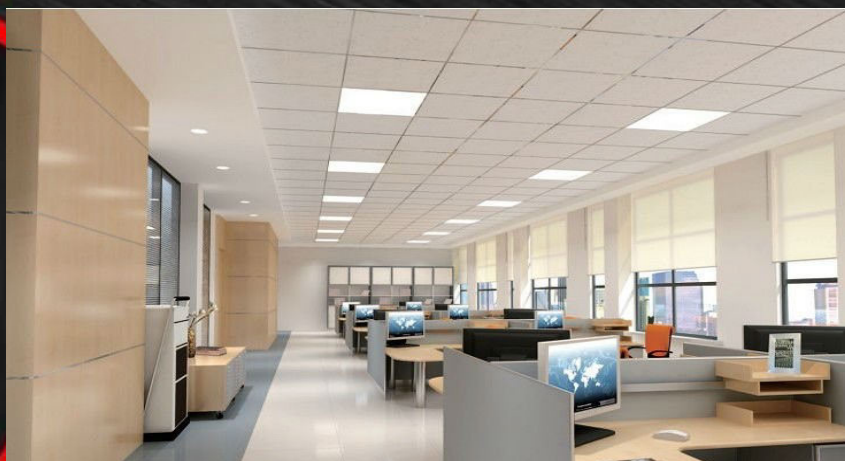
## PC REEMLESS



Product code	Wattage (W)	Design	Outer size (mm)	Cut Out size (mm)	Height (mm)
RP-653	8-10 W	Round & Square	105x105	95x95	25
RP-654	12-15 W	Round & Square	150x150	135x135	25
RP-655	15-18 W	Round & Square	170x170	150x150	25
RP-656	22-24 W	Round & Square	200x200	185x185	25



Product code	Wattage (W)	Design	Outer size (mm)	Cut Out size (mm)	Height (mm)
RP-657	8-10 W	Round & Square	105X105	95X95	25
RP-658	15-18 W	Round & Square	145X145	130X130	25
RP-659	22-24 W	Round & Square	170X170	157X157	25

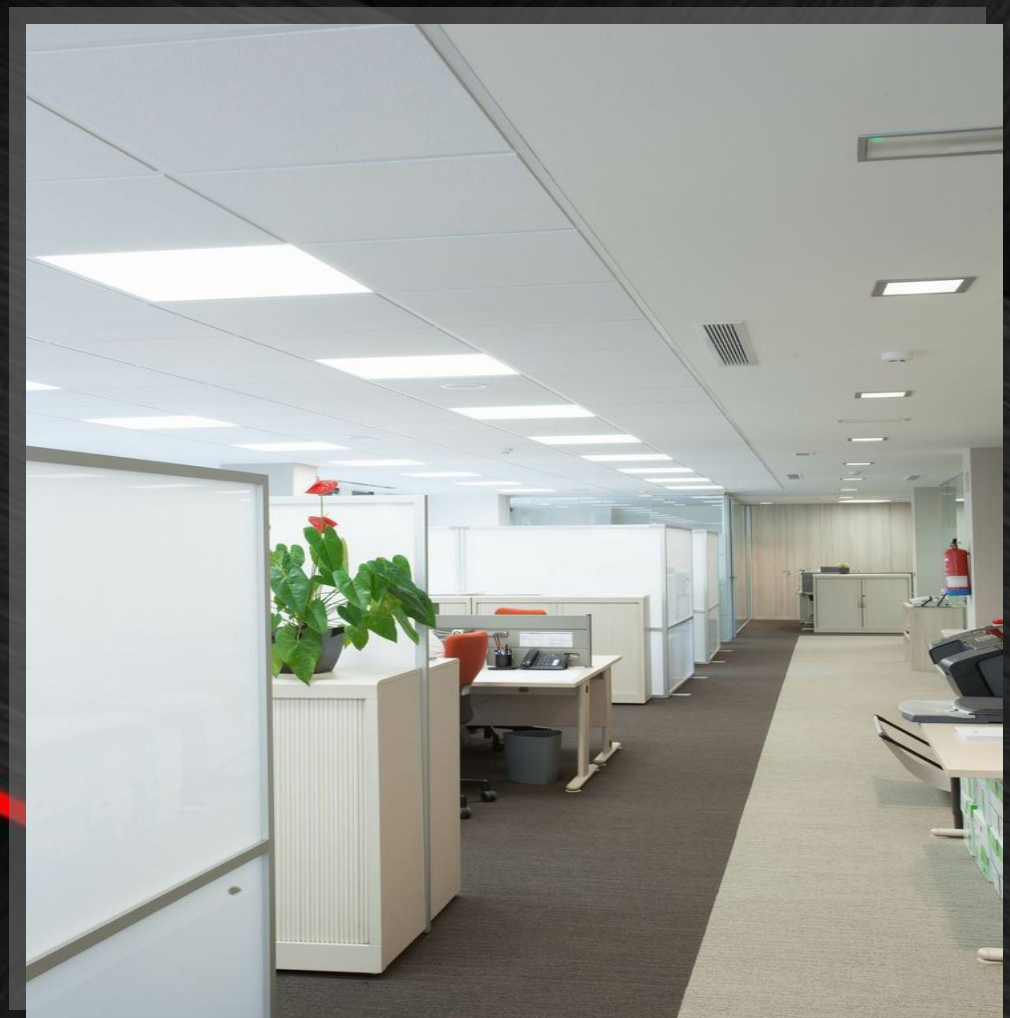


# LED PANEL LIGHT

Rectangle Concealed Type



Product code	Wattage (W)	Design	Outer size (mm)	Cut Out size (MM)
RP-614	12W	Square	295X100	280X95
RP-615	22W	Square	300X180	285X160
RP-616	30W	Square	510X150	495X137
RP-617	36W	Square	533X228	505X218
RP-618	40/50W	Square	1200X165	1175X135
RP-619	40/50W	Square	1200X300	1175X275
RP-620	30W	Square	533X228	Height :50
RP-621	40/50W	Square	595X595	575X575



# COB SPOT LIGHT

Square / Round Concealed Type



Product code	Wattage (W)	Design	Outer size (mm)	Cut Out size (mm)	Height (mm)
RP-622	3-4W	Round/Square	68X68	58X58	35
RP-623	6-7W	Round/Square	88X88	70X70	40
RP-624	9-10W	Round/Square	105X105	95X95	55
RP-625	10-12W	Round/Square	100X100	90X90	70

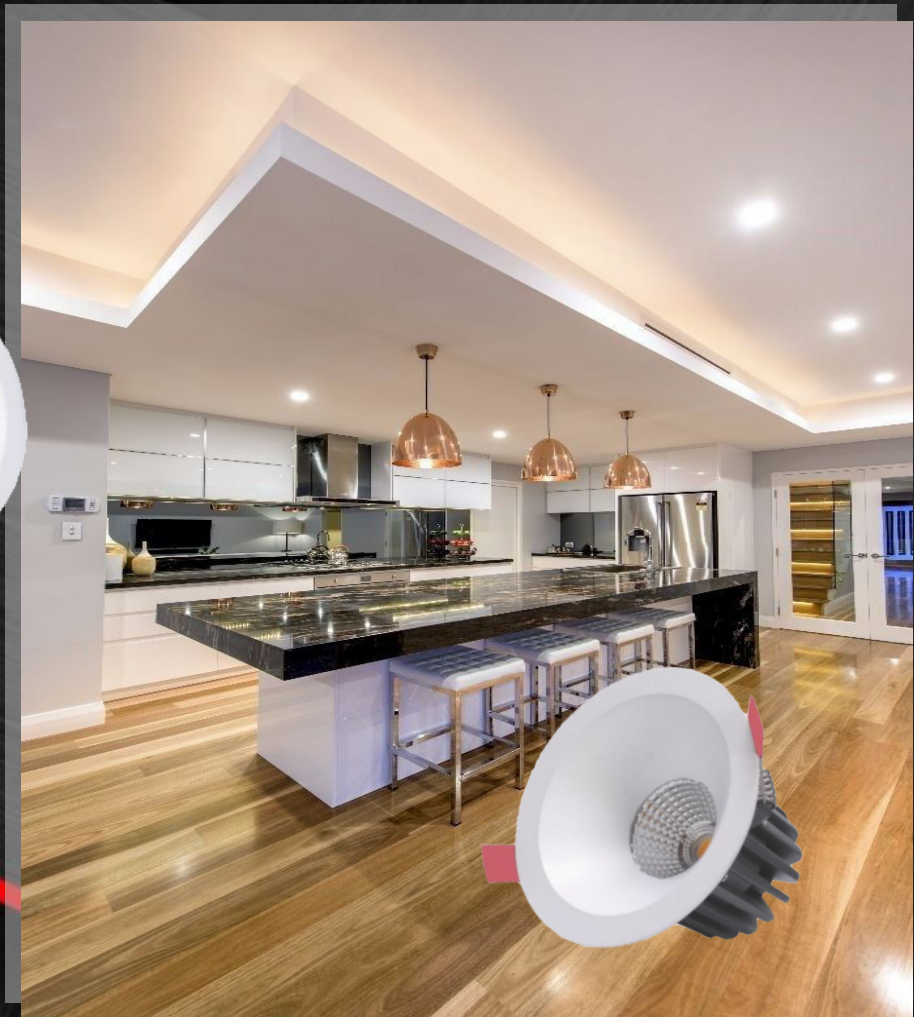


# COB SPOT LIGHT

Square / Round Concealed Type



Product code	Wattage (W)	Design	Outer size (mm)	Cut Out size (mm)	Height (mm)
RP-626	15/18W	Round	120X120	105X105	85
RP-627	20/24W	Round	140X140	120X120	90
RP-628	30/36W	Round	165X165	145X145	110
RP-629	40/50W	Round	200X200	175X175	110
RP-630	30/36W	Round (360° movable)	155X155	145X145	200
RP-631	24/30W	Round square (Zoom)	145X145	115X115	130
RP-632	30/50W	Round Square (Zoom)	170X170	130X130	130

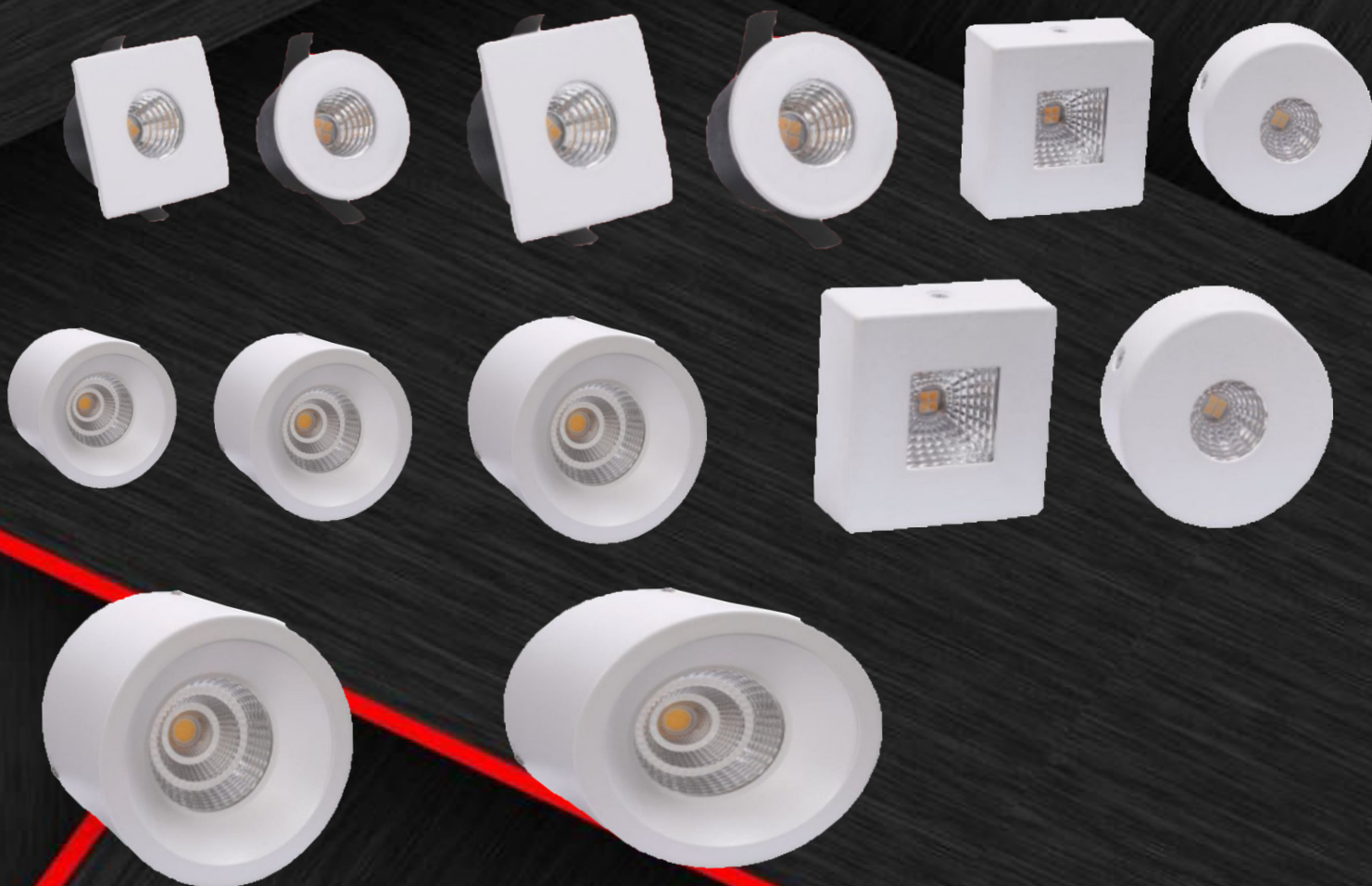


# COB SPOT LIGHT

*Surface Type*



Product code	Wattage (W)	Design	Outer size (mm)	Cut Out size (mm)	Height (mm)
RP-633	1W	LED Button Round & Square	35X35	28X28	20
RP-634	3W	LED Button Round & Square	40X40	34X34	25
RP-635	3W	LED Button Round & Square	65X65	65X65	30
RP-636	4W	LED Surface Round	73X73	73X73	65
RP-637	6W	LED Surface Round	90X90	90X90	90
RP-638	10W	LED Surface Round	110X110	110X110	110
RP-639	15W	LED Surface Round	125X125	125X125	125
RP-640	20W	LED Surface Round	140X140	140X140	120
RP-641	30W	LED Surface Round	170X170	170X170	150
RP-642	50W	LED Surface Round	200X200	200X200	160



# COB SPOT LIGHT



Product code	Wattage (W)	Design	Outer size (mm)	Cut Out size (mm)	Height (mm)
RP-643	30/50W	Zoom Square (4x6")	145X235	135X220	100
RP-644	15W	COB Zoom	105X105	95X95	55
RP-645	20W	COB Zoom	125X125	115X115	75
RP-646	30/50W	COB Zoom	190X190	180X180	135
RP-647	6-10/15W	MR16 Trio	50X50	50X50	65/85
RP-648	3W	Junction Fitting	80X80	55X55	40
RP-649	6W	Junction Fitting	105X105	85X85	40
RP-650	6 W	LED Spike	100X75	100X75	100
RP-651	10 W	LED Spike	100X75	100X75	100
RP-652	15 W	LED Spike	100X75	100X75	100



RP-643



RP-644



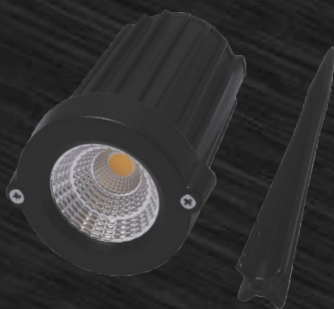
RP-645



RP-646



RP-651



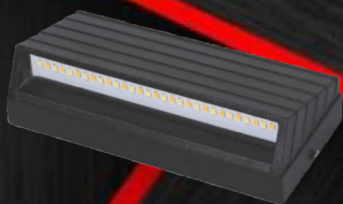
RP-650



RP-648



RP-647



RP-652

# LED PANEL BACK LIGHT



Product code	Wattage (W)	Design	Outer size (mm)	Cut Out size (mm)	Height (mm)
RP-660	12 W	Round	135x135	120x120	55
RP-661	18 W	Round	170x170	155x155	55
RP-662	24 W	Round	200x200	175x175	55
RP-663	12 W	Square	135x135	120x120	55
RP-664	18 W	Square	165x165	155x155	55
RP-665	24 W	Square	200x200	175x175	55



Product code	Wattage (W)	Design	Outer size (mm)	Cut Out size (mm)	Height (mm)
RP-666	30 W	LED back light Square	300x300	285x285	30
RP-667	8 W	Eco Series (Round)	92x92	80x80	65
RP-668	12 W	Eco Series (Round)	130x130	115x115	65
RP-669	18 W	Eco Series (Round)	160x160	145x145	65
RP-670	24 W	Eco Series (Round)	190x190	175x175	65



# LED PANEL BACK LIGHT



Code	Wattage (W)	CCT (K)	Body Color
RP-671	15 Watt	3000 /4000 /6500	Black / White
RP-672	30 Watt	3000 /4000 /6500	Black / White
RP-673	50 Watt	3000 /4000 /6500	Black / White



# OUTDOORE LIGHTING POLES

## Round Type



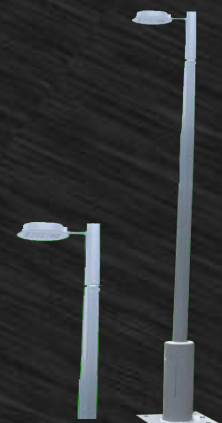
Model no.	RPPORO4M35	RPPORO4M50	RPPORO4M75
Pole height	4 METER	4 METER	4 METER
Pole Diameter	4 Inch	4 Inch	4 Inch
Lamp wattage	35 watt	50 watt	75 watt
Pole Material	MS	MS	MS
Powder coated / PU pant	YES	YES	YES

Model no.	RPPOBR4M35	RPPOBR4M50	RPPOBR4M75
Pole height	4 METER	4 METER	4 METER
Pole Diameter	4 Inch	4 Inch	4 Inch
Lamp wattage	35 watt	50 watt	75 watt
Pole Material	MS	MS	MS
Powder coated / PU pant	YES	YES	YES



Model no.	RPPORI4M35	RPPORI4M50	RPPORI4M75
Pole height	4 METER	4 METER	4 METER
Pole Diameter	3+4 Inch	3+4 Inch	3+4 Inch
Lamp wattage	35 watt	50 watt	75 watt
Pole Material	MS	MS	MS
Powder coated / PU pant	YES	YES	YES

Model no.	RPPORD4M35	RPPORD4M50	RPPORD4M75
Pole height	4 METER	4 METER	4 METER
Pole Diameter	3+4 Inch	3+4 Inch	3+4 Inch
Lamp wattage	35 watt	50 watt	75 watt
Pole Material	MS	MS	MS
Powder coated / PU pant	YES	YES	YES



# OUTDOORE LIGHTING POLES

## Round Type



Model no.	RP1SQ4M35	RP1SQ4M50	RP1SQ4M75
Pole height	4 METER	4 METER	4 METER
Pole Diameter	4 Inch	4 Inch	4 Inch
Lamp wattage	35 watt	50 watt	75 watt
Pole Material	MS	MS	MS
Powder coated / PU pant	YES	YES	YES

Model no.	RP2SQ4M35	RP2SQ4M50	RP2SQ4M75
Pole height	4 METER	4 METER	4 METER
Pole Diameter	4 Inch	4 Inch	4 Inch
Lamp wattage	35 + 35 watt	50 + 50 watt	75 + 75 watt
Pole Material	MS	MS	MS
Powder coated / PU pant	YES	YES	YES



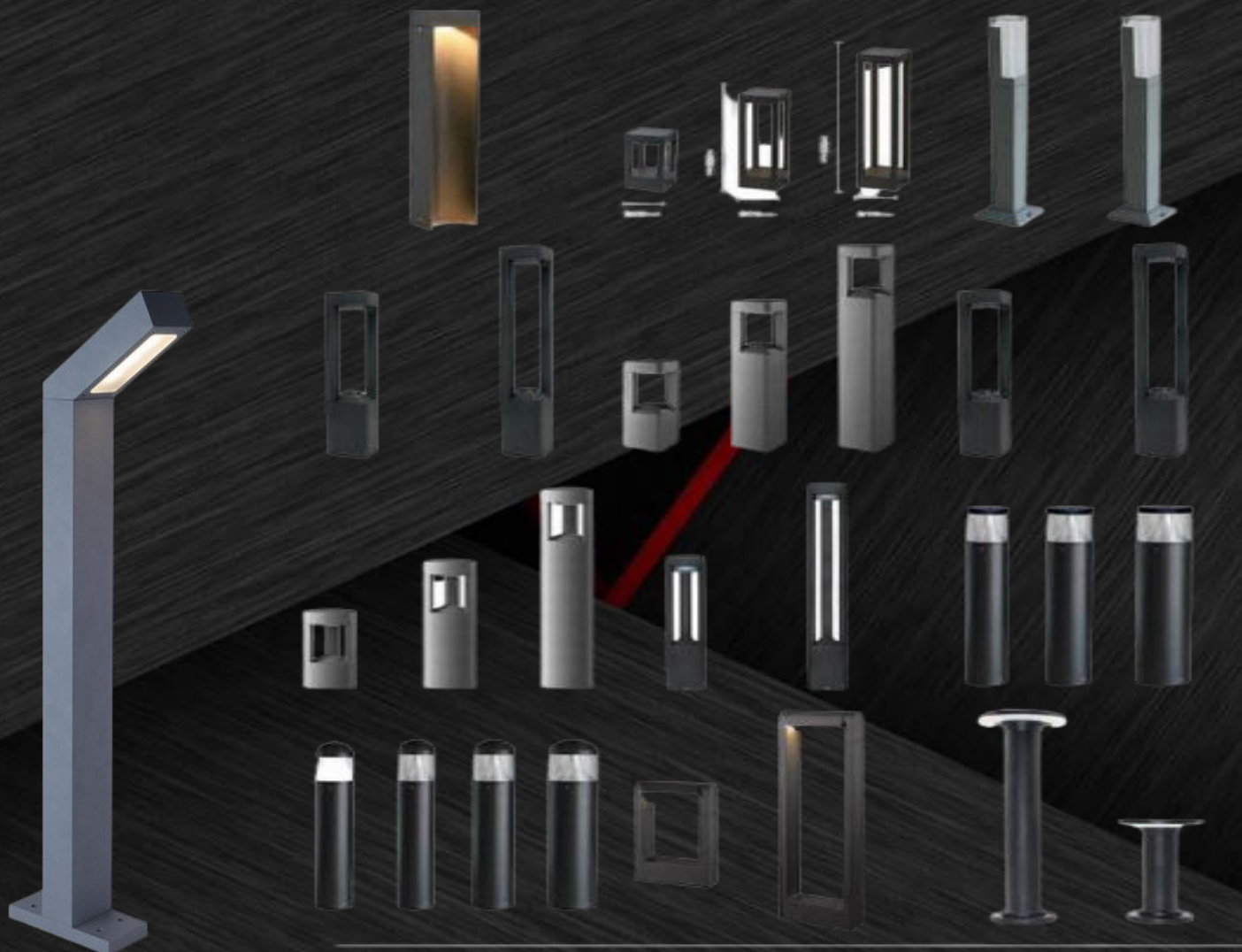
Model no.	RPSQZ4M35	RPSQZ4M50	RPSQZ4M75
Pole height	4 METER	4 METER	4 METER
Pole Diameter	4 Inch	4 Inch	4 Inch
Lamp wattage	20+35 watt	30+50 watt	50+75 watt
Pole Material	MS	MS	MS
Powder coated / PU pant	YES	YES	YES

Model no.	RP240SQ4M35	RP240SQ4M50	RP240SQ4M75
Pole height	4 METER	4 METER	4 METER
Pole Diameter	4 Inch	4 Inch	4 Inch
Lamp wattage	35+35 watt	50+50 watt	75+75 watt
Pole Material	MS	MS	MS
Powder coated / PU pant	YES	YES	YES



# OUTDOORE BOLARD LIGHTING

*Square and Round Type*



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