

product manual



Let Innovation Glorify Happiness Today

[www.switcher.in](http://www.switcher.in)



**At SWITCHER We Believe,  
Happiness can be found, even in the darkest of times, if one simply  
remembers to turn on the**

**LIGHT**



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# WHY ?

SWTCHER LED

Is Energy Efficient.  
Is Eco Friendly.  
Is Low power consuming.  
Best Of All - Money Saving  
"Pays for Itself" .



SAVE ENERGY

Lets Go

## Eco Friendly...



...with Switcher LED lights

 **Switcher**



## ABOUT LED

A light emitting diode (LED) is a semiconductor device that emits incoherent narrow spectrum light when electrically biased in the forward direction. This effect is a form of electro Luminescence. LED are small extended sources with extra optics added to the chip, which emits light.

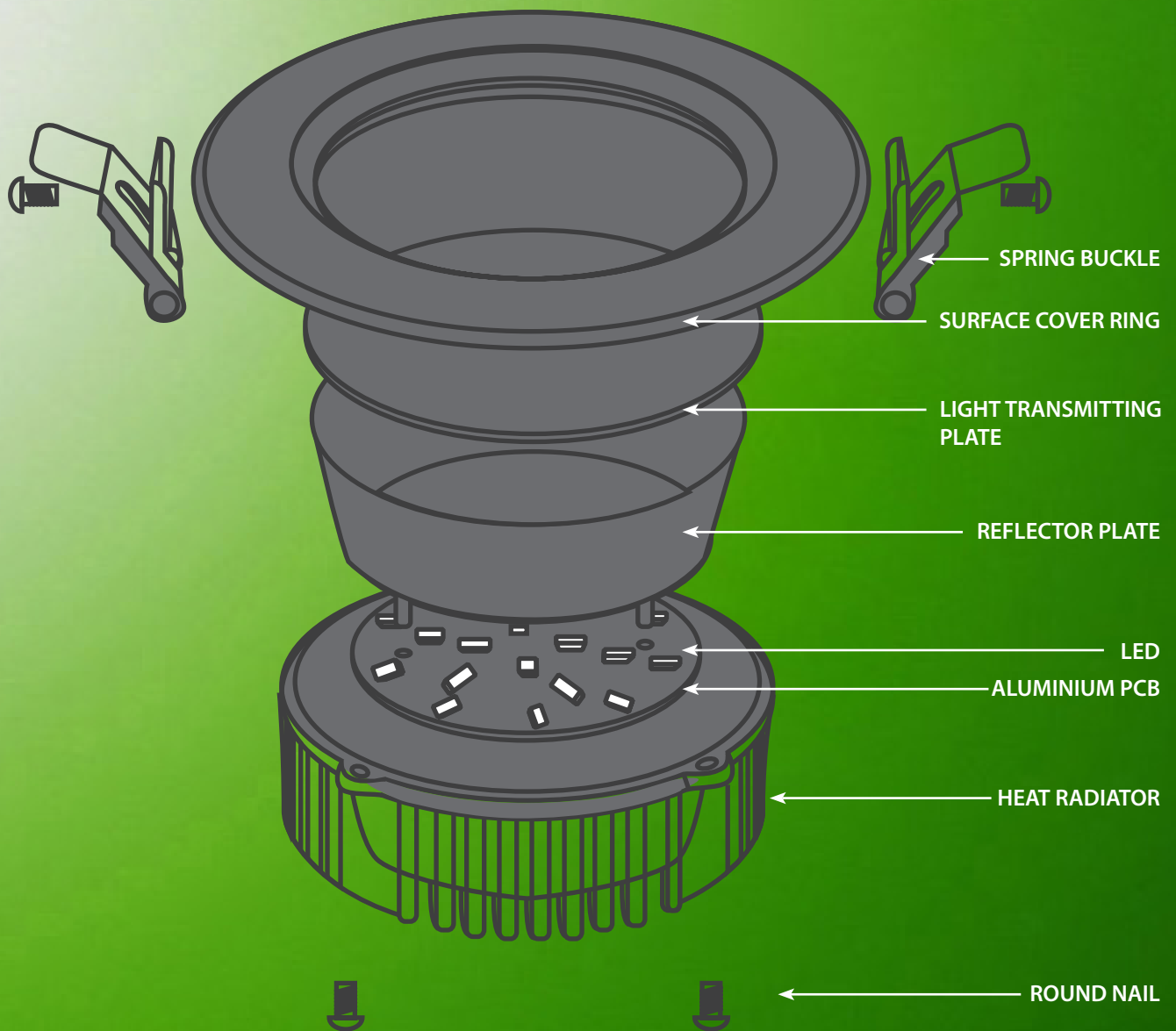
Switcher LED Lights are a smart innovation in the future of lighting segment. They provide simple and lasting lighting solutions to the Customers. Switcher LED Lights has advance technology, energy efficiency and high durability. Every LED Lights made and testing to meet global standards. Switcher LED Lights are Quality Products, Price fairly and offer to 2 years warranty. Switcher LED Lights offer a wide range of international quality LED Light Products for varied applications. Switcher LED Lights usage range from residential and retail to commercial and industrial applications.

Switcher LED Lights fully integrated into the systematic structure of the overall LED lighting products. We are use high quality LED's from Epistar, Edison, Cree & others etc. we inspects all the incoming materials and apply technical equipment's, such as Integrating sphere, SMT machine, Auto aging line, drop tester, transport simulation tester during our production process & other reliable test items make sure excellent quality and steady performance of our products. Switcher LED Lights offer benefits such as Low Power consumption, small size, long life (>50000 Hrs.), more light at low temperature, instant switch ON start, and more durability which ensures zero maintenance cost. They are apply with RoHS standard, no harm to environment.

We have attached high importance to quality as it is the premise for continues bring our clients better service. Shoulders the common responsibility of returning green to the earth, we sincerely hope make joint effort with our vast partners to push forward energy conservation and emission reduction.

## WHY CHOOSE SWITCHER LED

Specifications	Incandescent Bulb	Energy Saving Lamp CFL	Switcher LED's
Energy - Saving Rate	High Power Consumption	High ( Low Power Consumption)	Energy Saving upto 80%
Optical Efficiency	Low	High	High
Working Life	Short (1,000 Hrs)	Short (5,000 Hrs)	Super Long (>50,000 Hrs)
Environmental Performance	High Pollution (With Lead and Mercury, Harmful to Environment)	High Pollution (With Lead and Mercury, Harmful to Environment)	Apply With ROHS Standard (No Harm to Environment)
Shock Resistance	Poor (Fragibility)	Poor (Fragibility)	Good (No Filament or Glass)
Stroboflash	Not Good	Yes (AC Drives)	No (DC Drives)
Thermal Value	High (Outside Temp > 300° C)	Middle (Outside Temp >70°C)	Low (Outside Temp < 60° C)
Working Voltag	Narrow (Voltage Fluctuations Changes Brightness and Working Life Shortens)	Narrow (Voltage Fluctuations Changes Brightness and Working Life Shortens)	Wide (Brightness Will Not Change by Voltage Fluctuation and no Influence on Working Life)
Power Factor	High (1.0)	Low (< 0.60)	High (> 0.90)
Startup Speed	Slow	Faster	Fast
Color Temperature	Single (Warm White Only)	Rich (Pure White, Warm White Optional)	Rich (Pure White, Warm White & Neutral White Optional)
Color Rendering Index	Best (Ra = 100)	Good (Ra > 70)	Good (Ra > 70)
Comprehensive Performance	Not Good	Average	Good



It takes more than our strong, enduring Brand to succeed. It takes Creative and talented people to bring our product to life every day. They work hard on every minute detail to build sustainable products. Proper R&D is done from initial stages in order to achieve only the best into everything we do.

# POLYCARBONATE SERIES



- High Grade fire resistant polycarbonate.
- Specially engineered aluminium heat sink.
- In built driver with surge protection.
- High Power LED chip with epistar wafer.
- Used in plaster of Paris Ceiling.



## SHINE SLIM PANEL



Item Code Name	Watt	Shape	Lumen	Cut Out ( mm )	Pack Size
SWSLPC-03R	3	Round	210	Ø 65	60pcs
SWSLPC-06R	6	Round	400	Ø 100	40pcs
SWSLPC-12R	12	Round	950	Ø 152	20pcs
SWSLPC-18R	18	Round	1510	Ø 195	20pcs
SWSLPC-03S	3	Square	210	65 x 65	60pcs
SWSLPC-06S	6	Square	400	100 x 100	40pcs
SWSLPC-12S	12	Square	950	152 x 152	20pcs
SWSLPC-18S	18	Square	1510	195 x 195	20pcs

## SHINE MAX



Item Code Name	Watt	Lumen	Size ( mm )	Pack Size
SW-CLPCM-06	6	540	110 x 75	100 pcs
SW-CLPCM-16	16	1600	145 x 75	50 pcs

## CONCEAL LIGHTS MAX EURO MAX

3000K | 4000K | 6500K



Item Code Name	Watt	Shape	Lumen	Cut Out ( mm )	Size ( mm )	Pack Size
SW-CLEM-03	3	Round	255	Ø 73	Ø 92	100pcs
SW-CLEM-06	6	Round	540	Ø 90	Ø 110	100pcs
SW-CLEM-12	12	Round	1080	Ø 105	Ø 125	50pcs
SW-CLM-06	6	Round	540	Ø 90	Ø 110	100pcs

RED | BLUE | GREEN | PINK

## SHINE DEEP LIGHT



Item Code Name	Watt	Material	Lumen	Cut Out ( mm )	Size ( mm )	Pack Size
SW-DLSH-03	3	Poly Carb.	300	Ø 47	Ø80	100pcs
SW-DLSH-6W	6	Poly Carb.	490	Ø 47	Ø 84	100pcs
SW-DLSH-08	8	Poly Carb.	800	Ø 47	Ø 85	50pcs
SW-DLSH-016	16	Poly Carb.	1600	Ø 47	Ø145	50pcs



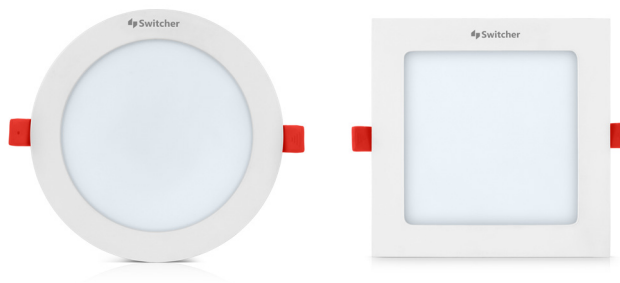
# INDOOR LIGHTING

- High Quality slim aluminium frame.
- Edison LED with EPISTAR Wafer Chip.
- High Transmission PMMA Diffuser.
- Brilliant illumination.
- CRI >80





## SLIM PANEL



Item Code Name	Watt	Shape	Lumen	Cut Out ( mm )	Size (mm )	Pack Size
SWSL-03R	3	Round	255	Ø 75	Ø 82	60pcs
SWSL-06R	6	Round	540	Ø 110	Ø 120	40pcs
SWSL-09R	9	Round	790	Ø 135	Ø 145	20pcs
SWSL-12R	12	Round	1080	Ø 155	Ø170	20pcs
SWSL-15R	15	Round	1350	Ø 155	Ø170	20pcs
SWSL-18R	18	Round	1620	Ø 205	Ø 222	20pcs
SWSL-24R	24	Round	2000	Ø 280	Ø 300	10pcs
SWSL-03S	3	Square	255	75 x 75	82 x 82	60pcs
SWSL-06S	6	Square	540	110 x 110	120 x 120	40pcs
SWSL-09S	9	Square	790	135 x 135	145 x 145	20pcs
SWSL-12S	12	Square	1080	155 x 155	170 x 170	20pcs
SWSL-15S	15	Square	1350	155 x 155	170 x 170	20pcs
SWSL-18S	18	Square	1620	205 x 205	222 x 222	20pcs
SWSL-24S	24	Square	2000	280 x 280	300 x 300	10pcs

## COB SPOT LIGHT

3000K | 6500K



Item Code Name	Watt	Shape	Lumen	Cut Out ( mm )	Size (mm)	Pack Size
SW-HILCB-05	5	Round	550	Ø 75	Ø 90	40pcs
SW-HILCB-09	9	Round	990	Ø 96	Ø 108	20pcs
SW-HILCB-15	15	Round	1650	Ø 126	Ø 138	20pcs
SW-HILCB-30	30	Round	3300	Ø 143	Ø158	20pcs
SW-HILCB-50	50	Round	5500	Ø 145	Ø 180	20pcs

## TRACK LIGHT

3000K | 4000K | 6500K

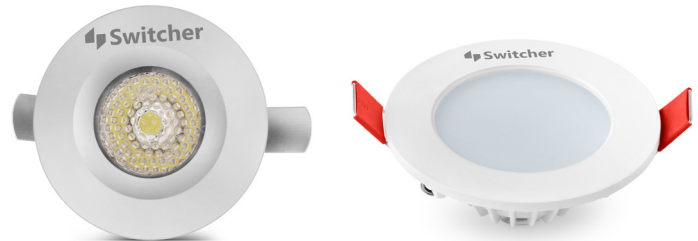


Item Code Name	Watt	Lumen	Size (mm)	Pack Size
SW-HILTR-15W	15	1650	Ø 80 x 160 x 175	20pcs
SW-HILTR-15B	15	1650	Ø 80 x 160 x 175	20pcs
SW-HILTR-30W	30	3300	Ø 90 x 160 x 190	20pcs
SW-HILTR-30B	30	3300	Ø 90 x 160 x 190	20pcs
Track			1 Meter	30pcs
Track Connector			90/180 degree	

## DEEP LIGHT

NANO STAR

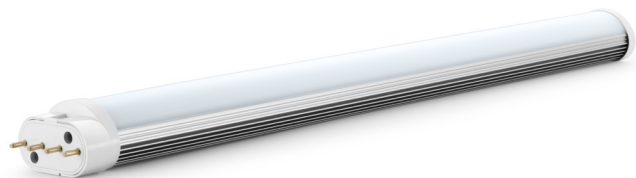
3000K | 4000K | 6500K  
RED | BLUE | GREEN



Item Code Name	Watt	Material	Lumen	Cut Out ( mm )	Size (mm )	Pack Size
SW-DLNAN-02	2	Aluminium	150	Ø 32	Ø 38	100pcs
SW-DLSTRA-03	3	Aluminium	300	Ø 55	Ø 71	100pcs
SW-DLSTRCB-03	3	Al. COB	300	Ø 45	Ø 65	100pcs

## PLL

3000K | 4000K | 6500K



Item Code Name	Watt	Shape	Lumen	Length	Pack Size
SW-CLPLL-20	20	Round	2000	420 x 37	50pcs



## SURFACE PANEL

3000K | 4000K | 6500K



Item Code Name	Watt	Shape	Lumen	Size (mm)	Pack Size
SWSP-06R	6	Round	540	Ø 120	40pcs
SWSP-12R	12	Round	1080	Ø 170	20pcs
SWSP-18R	18	Round	1620	Ø 222	20pcs
SWSP-06S	6	Square	520	120 x 120	40pcs
SWSP-12S	12	Square	1060	170 x 170	20pcs
SWSP-18S	18	Square	1600	222 x 222	20pcs

## COMMERCIAL PANEL

6500K



Item Code Name	Watt	Shape	Lumen	Cut Out ( mm )	Size (mm)	Pack Size
SW-CPEU-40S	40	Square	3600	585 x 585	600 x 600	5pcs
SW-CPEU-60S	60	Square	5400	585 x 585	600 x 600	5pcs
SW-CLSL-40RE	40	Rectangle	3500	300 x 1200	300 x 1200	5pcs
SW-CLSL-40S	40	Square	3400	585 x 585	600 x 600	5pcs
SW-CLBX-40S	40	SquarBox	3650	585 x 585	600 x 600	5pcs

## LED STRIP LIGHT

WARM WHITE | WHITE  
RED | BLUE | GREEN | PINK



Item Code Name	Watt	Lumen	Length	Pack Size
SW-ST-4414	14.4W/m	864	5m	50 pcs
SW-ST-2014	14.4W/m	864	5m	50 pcs
SW-ST-2004	4.8/m	288	5m	50 pcs

## STRIP DRIVERS



Item Code Name	Watt	Current	Shape
SW-DRI-25	25	2 Amp	Square
SW-DRI-80	80	6 Amp	Rectangle

## TUBELIGHT | GLO

3000K | 4000K | 6500K



Item Code Name	Watt	Shape	Lumen	Material	Size (mm)	Pack Size
SW-GLO-05S	5	Square	500	Poly Carbonate	270	35pcs
SW-GLO-09S	9	Square	1000	Poly Carbonate	580	30pcs
SW-GLO-20S	20	Square	2000	Poly Carbonate	1178	25pcs
SW-GLO-22S	22	Square	2200	Aluminium	1178	25pcs

## COB - SURFACE

3000K | 4000K | 6500K



Item Code Name	Watt	Shape	Lumen	Size (mm)	Pack Size
SW-HILCBS-10	10	Round	1100	Ø 75	15pcs
SW-HILCBS-20	20	Round	2000	Ø 98	15pcs
SW-HILCBS-30	30	Round	3000	Ø 116	15pcs

## ZOOM LIGHT

3000K | 6500K



Item Code Name	Watt	Lumen	Cut Out ( mm )	Size (mm)	Pack Size
SW-HILZM-15	15	1500	Ø 135	Ø 150	20pcs
SW-HILZM-30	30	3000	Ø 175	Ø 190	10pcs



## WALL LIGHT FLEXI

3000K | 4000K | 6500K



Item Code Name	Body Color	Watt	Lumen	Size (mm)	Pack Size
SW-FWA-5B	Black	5	350	Ø 58	50pcs
SW-FWA-5S	Silver	5	350	Ø 58	50pcs
SW-FWA-5WH	White	5	350	Ø 58	50pcs

RED | BLUE | GREEN

## BAY LIGHTS

3000K | 4000K | 6500K



Item Code Name	Watt	Shape	Lumen	Size (mm)	Pack Size
SW-BLLB-40	40	Round	4400	245 x 410	1 Pc
SW-BLHB-50	50	Round	5500	245 x 410	1Pc
SW-BLHB-100	100	Round	11000	315 x 493	1 Pc
SW-BLHB-150	150	Round	16500	396 x 493	1 Pc

## LED BULB GLO

B22 / E27  
3000K | 6500K



Item Code Name	Watt	Lumen	Pack Size
SW-GLOB22-0.5	0.5	50	96pcs
SW-GLOB22-03	3	310	100pcs
SW-GLOB22-05	5	520	100pcs
SW-GLOB22-07	7	810	100pcs
SW-GLOB22-09	9	1020	100pcs
SW-GLOB22-12	12	1220	100pcs

## LED BULB HI GLO

3000K | 6500K



Item Code Name	Watt	Lumen	Pack Size
SW-HIGLO-R26	26	2610	12pcs
SW-HIGLO-R36	36	3630	12pcs
SW-HIGLO-R45	45	4580	12pcs

# OUTDOOR LIGHTING

- Unique Power Coating ROHS compliance, fire Resistant.
- High grade aluminium frame with water proof gasket.
- Driver with epoxy encasing for long life and weather proofing .
- High Power LED chip with epistar wafer for efficient life.
- Efficient heat sink for continous 12 hour useage.
- Toughened laminated safety glass to reduce scratch and breakage.



## SHINE STREET LIGHT



Item Code Name	Watt	Lumen	Size (mm)	Pack Size
SW-STLS-20	20	2000	280 x 110	10 pcs
SW-STLS-30	30	3000	308 x 123	10 pcs
SW-STLS-20	50	5000	400 x 138	10 pcs

## FLOOD LIGHTS

3000K | 4000K | 6500K



Item Code Name	Watt	Shape	Lumen	Size (mm)	Pack Size
SW-FLO-10	10	Vertical Rectangle	1100	135 X 115	20pcs
SW-FLO-20	20	Vertical Rectangle	2200	180 x 140	10pcs
SW-FLO-30	30	Vertical Rectangle	3300	225 x 185	10pcs
SW-FLO-50	50	Vertical Rectangle	5500	286 x 232	5pcs
SW-FLO-70	70	Vertical Rectangle	7700	335 x 285	5pcs
SW-FLO-100	100	Vertical Rectangle	11000	335 x 285	5pcs
SW-FLO-150	150	Vertical Rectangle	15000	420 x 320	4pcs

RED | BLUE | GREEN | PINK

## STREET LIGHTS

3000K | 4000K | 6500K



Item Code Name	Watt	Lumen	Size (mm)	Pack Size
SW-STL-12	12	1200	226 x 85	20pcs
SW-STL-18	18	1980	321 x 105	10pcs
SW-STL-36	36	3960	372 x 143	10pcs

## STREET LIGHTS

3000K | 4000K | 6500K



Item Code Name	Watt	Lumen	Size (mm)	Pack Size
SW-SKL-24	24	2640	345 x 106	10pcs
SW-SKL-50	50	5500	402 x 146	10pcs
SW-SKL-80	80	8800	432 x 206	5pcs
SW-SKL-100	100	11000	467 x 232	5pcs
SW-SKL-150	150	16500	515 x 260	4pcs





“Education is the  
movement from  
Darkness to  
**LIGHT.**”



Ours is the Responsibility  
to keep our Lights bright for  
others to see and follow.....



A close-up photograph of a hand operating a miniature circuit breaker (MCB) in an electrical panel. The hand is pressing down on the handle of the MCB, which is part of a row of similar devices. The panel has labels in French: 'Chamb sud', 'Chamb nord', 'Chamb milieu', 'Chamb sud', 'Chamb nord', 'Chamb milieu', 'Chamb sud'. The background is blurred, showing the interior of the panel.

# Switcher

## SWITCH GEAR

### MINIATURE CIRCUIT BREAKERS - MCB

MCBs or miniature circuit breakers are electro mechanical devices which protect an electric circuit from an over-current. The overcurrent, in an electrical circuit, may result from short circuit, overload or faulty design. Unlike fuse, MCB doesn't require any replacement once an overload is detected. Thus making it a better alternative to fuse.

Besides MCBs, Isolators is a mechanical switch which isolates a part of circuit from system as and when required & RCCBs or ELCBs is used to prevent earth leakage and its associated hazards.

Salient features:

- Center Knob Mechanism
- Over Load Protection
- Short Circuit Protection
- Elegant Design
- Energy Saving
- In accordance with IS/IEC 60898-1

## SINGLE POLE



Item Code Name	Rating Amps.	Standard Packing
SW-ARM-SPC6-32	6 - 32 A	11 pcs.
SW-ARM-SPC40	40 A	11 pcs.
SW-ARM-SPC63	63 A	11 pcs.

## SINGLE POLE + N



Item Code Name	Rating Amps.	Standard Packing
SW-ARM-SNC6-32	6 - 32 A	6 pcs.
SW-ARM-SNC40	40 A	6 pcs.
SW-ARM-SNC63	63 A	6 pcs.

## DOUBLE POLE



Item Code Name	Rating Amps.	Standard Packing
SW-ARM-DPC6-32	6 - 32 A	6 pcs.
SW-ARM-DPC40	40 A	6 pcs.
SW-ARM-DPC63	63 A	6 pcs.

RESIDUAL CURRENT CIRCUIT BREAKERS

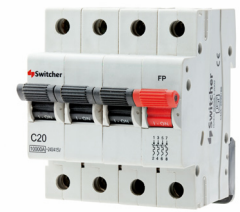


## THREE POLE



Item Code Name	Rating Amps.	Standard Packing
SW-ARM-TPC6-32	6 - 32 A	4pcs.
SW-ARM-TPC40	40 A	4pcs.
SW-ARM-TPC63	63 A	4pcs.

## THREE POLE + N



Item Code Name	Rating Amps.	Standard Packing
SW-ARM-TNC6-32	6 - 32 A	3pcs.
SW-ARM-TNC40	40 A	3pcs.
SW-ARM-TNC63	63 A	3pcs.

## FOUR POLE



Item Code Name	Rating Amps.	Standard Packing
SW-ARM-FPC6-32	6 - 32 A	3pcs.
SW-ARM-FPC40	40 A	3pcs.
SW-ARM-FPC63	63 A	3pcs.

RESIDUAL CURRENT CIRCUIT BREAKERS

## DOUBLE POLE

### ARMOR ISOLATOR



Item Code Name	Rating Amps.	Standard Packing
SW-ARI-DPC40	40 A	6pcs.
SW-ARI-DPC63	63 A	6pcs.

## FOUR POLE



Item Code Name	Rating Amps.	Standard Packing
SW-ARI-FPC40	40 A	3pcs.
SW-ARI-FPC63	63 A	3pcs.

## DOUBLE POLE

### ARMOR RCCB



RESIDUAL CURRENT BREAKERS

Item Code Name	Rating Amps.	Standard Packing
SW-ARR-DP25030	25A - 30mA	6pcs.
SW-ARR-DP25100	25A - 100mA	6pcs.
SW-ARR-DP25300	25A - 300mA	6pcs.
SW-ARR-DP40030	40A - 30mA	6pcs.
SW-ARR-DP40100	40A - 100mA	6pcs.
SW-ARR-DP40300	40A - 300mA	6pcs.
SW-ARR-DP63030	63A - 30mA	6pcs.
SW-ARR-DP63100	63A - 100mA	6pcs.
SW-ARR-DP63300	63A - 300mA	6pcs.

## FOUR POLE



Item Code Name	Rating Amps.	Standard Packing
SW-ARR-FP25030	25A - 30mA	3pcs.
SW-ARR-FP25100	25A - 100mA	3pcs.
SW-ARR-FP25300	25A - 300mA	3pcs.
SW-ARR-FP40030	40A - 30mA	3pcs.
SW-ARR-FP40100	40A - 100mA	3pcs.
SW-ARR-FP40300	40A - 300mA	3pcs.
SW-ARR-FP63030	63A - 30mA	3pcs.
SW-ARR-FP63100	63A - 100mA	3pcs.
SW-ARR-FP63300	63A - 300mA	3pcs.

RESIDUAL CURRENT CIRCUIT BREAKERS

LET<sup>YOUR</sup>  
LIGHT  
*shine*







## DISTRIBUTION BOARDS- DBS

The Distribution Boards is not merely an enclosure but a comprehensive system in itself, comprising of copper bus bar, brass neutral links, earth links, for effective distribution of current, it incorporates the safety devices like MCBs, RCCBs and Isolators, which serves to protect the installation. Crafted for modern homes, Switcher DBs ensure ease of installation, enhanced safety, and protection from accidental damage, with elegant designs. Available in different ranges within SPN, TPN & Encloures.

salient features:

- Made up of high quality CR Sheets.
- Seven Tank Powder Coating process with pleasing finish.
- Environment friendly
- Rohs rust free screws
- Reversible door facility imparts flexibility at the installation.
- Ample wiring space for easy installations of MCBs/RCCBs
- Suitable for flush as well as for surface mounting
- Equipped with insulated copper bus bar with high rating.
- Independent packaging for door and box offers added flexibility & convenience during installation process.
- Available in variety of ranges and designs.

## SPN SINGLE DOOR

Gold Series



Item Code Name	Ways	Dimension Box (mm)	Pack Size
SW-GSSD-04	4	110 x 187 x 62	40pcs
SW-GSSD-06	6	146 x 187 x 62	30pcs
SW-GSSD-08	8	182 x 187 x 62	24pcs
SW-GSSD-10	10	218 x 187 x 62	24pcs
SW-GSSD-12	12	254 x 187 x 62	24pcs
SW-GSSD-16	16	325 x 187 x 62	16pcs

## SPN DOUBLE DOOR

Gold Series



Item Code Name	Ways	Dimension Box (mm)	Pack Size
SW-GSDD-04	4	128 x 215 x 82	12pcs
SW-GSDD-06	6	164 x 215 x 82	12pcs
SW-GSDD-08	8	200 x 215 x 82	10pcs
SW-GSDD-10	10	236 x 215 x 82	8pcs
SW-GSDD-12	12	272 x 215 x 82	8pcs
SW-GSDD-16	16	344 x 215 x 82	6pcs

DISTRIBUTION BOARDS



## TPN SINGLE DOOR

Gold Series



Item Code Name	Ways	Dimension Box (mm)	Pack Size
SW-GTSD-04	4	128 x 215 x 82	10pcs
SW-GTSD-06	6	164 x 215 x 82	8pcs
SW-GTSD-08	8	200 x 215 x 82	6pcs
SW-GTSD-12	12	272 x 215 x 85	3pcs

## TPN DOUBLE DOOR

Gold Series



Item Code Name	Ways	Dimension Box (mm)	Pack Size
SW-GTDD-04	4	255 x 385 x 101	4pcs
SW-GTDD-06	6	325 x 385 x 101	3pcs
SW-GTDD-08	8	395 x 385 x 101	3pcs
SW-GTDD-12	12	535 x 385 x 101	2pcs

DISTRIBUTION BOARDS

## SPN DOUBLE DOOR

Luman Series



Item Code Name	Ways	Dimension Box (mm)	Pack Size
SW-LSDD-04	4	128 x 215 x 82	12pcs
SW-LSDD-06	6	164 x 215 x 82	12pcs
SW-LSDD-08	8	200 x 215 x 82	12pcs
SW-LSDD-10	10	236 x 215 x 82	8pcs
SW-LSDD-12	12	272 x 215 x 82	8pcs
SW-LSDD-16	16	344 x 215 x 82	6pcs

## TPN DOUBLE DOOR

Luman Series



Item Code Name	Ways	Dimension Box (mm)	Pack Size
SW-LTDD-04	4	255 x 385 x 101	4pcs
SW-LTDD-06	6	325 x 385 x 101	3pcs
SW-LTDD-08	8	395 x 385 x 101	3pcs

DISTRIBUTION BOARDS

## SPN DOUBLE DOOR

Gold Antique



Item Code Name	Ways	Dimension Box (mm)	Pack Size
SW-GASDD-04	4	128 x 215 x 82	12pcs
SW-GASDD-06	6	164 x 215 x 82	12pcs
SW-GASDD-08	8	200 x 215 x 82	10pcs
SW-GASDD-10	10	236 x 215 x 82	8pcs
SW-GASDD-12	12	272 x 215 x 82	8pcs
SW-GASDD-16	16	344 x 215 x 82	6pcs

## TPN DOUBLE DOOR

Gold Antique

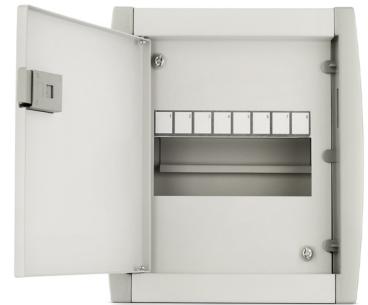


Item Code Name	Ways	Dimension Box (mm)	Pack Size
SW-GATDD-04	4	255 x 385 x 101	4pcs
SW-GATDD-06	6	325 x 385 x 101	3pcs
SW-GATDD-08	8	395 x 385 x 101	3pcs
SW-GATDD-12	12	535 x 385 x 101	3pcs

DISTRIBUTION BOARDS

## SPN DOUBLE DOOR

Silver Series



Item Code Name	Ways	Dimension Box (mm)	Pack Size
SW-SSDD-04	4	128 x 215 x 82	12pcs
SW-SSDD-06	6	164 x 215 x 82	12pcs
SW-SSDD-08	8	200 x 215 x 82	10pcs
SW-SSDD-10	10	236 x 215 x 82	8pcs
SW-SSDD-12	12	272 x 215 x 82	8pcs
SW-SSDD-16	16	344 x 215 x 82	6pcs

## POLE ENCLOSURE

Two Pole | Four Pole



Item Code Name	Ways	Pack Size
SW-PE-02	1-2 pole	60pcs
SW-PE-04	4 pole	48pcs

## AC BOX

With Socket | With Socket and Cover



Item Code Name	Ways	Pack Size
SW-ACBC-02	AC box	40pcs

## MODULAR BOXES



Item Code Name	Gauze	Module	Dimension Box (mm)	Pack Size
SW-2002	20g	1-2M	3 x 3	200pcs
SW-2003A	20g	3M	4 x 3	160pcs
SW-2004	20g	4M	5 X 3	120pcs
SW-2006	20g	6M	8 x 3	80pcs
SW-20S8	20g	8M Square	5 x 5	60pcs
SW-2012	20g	12M	8 x 6 x 2	60pcs
SW-20H8A	20g	8M Horizontal	9 x 3	80pcs
SW-2018	20g	18M	8 x 9	40pcs
SW-1802	18g	1-2M	3 x 3	200pcs
SW-1803	18g	3M	4 x 3	160pcs
SW-1804	18g	4M	5 x 3	120pcs
SW-1806	18g	6M	8 x 3	80pcs
SW-18S8	18g	8M Square	5 x 5	60pcs
SW-1812	18g	12M	8 x 6 x 2	60pcs
SW-18H8A	18g	8M Horizontal	9 x 3 Ar	80pcs
SW-1818	18g	18M	8 x 9	40pcs

MODULAR BOXES | POLE ENCLOSURE | AC BOX



# SOLAR LIGHTING

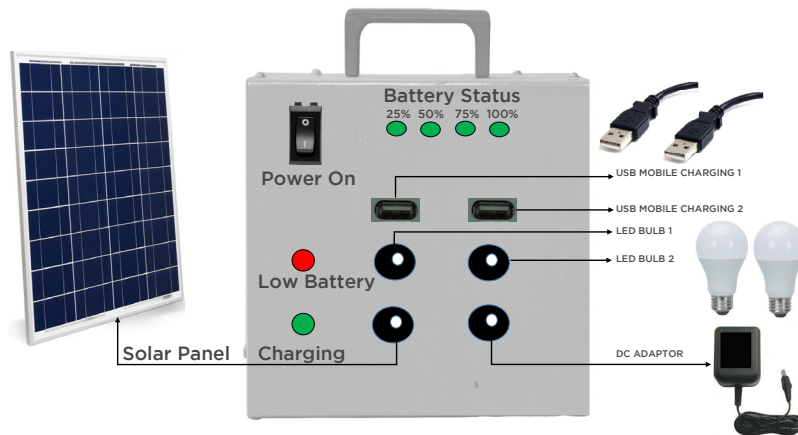
## SOLAR ENERGY CONCEPT

Solar power generation is a clean energy system that generates electricity from sunlight that falls on earth. The sun is the most well distributed source of energy and solar power harness.





## HOME LIGHTNING SYSTEM WITH 2 LED BULB OF 5 WATT & 2 NOS OF USB PORT FOR MOBILE CHARGING



Solar Home Lightning system

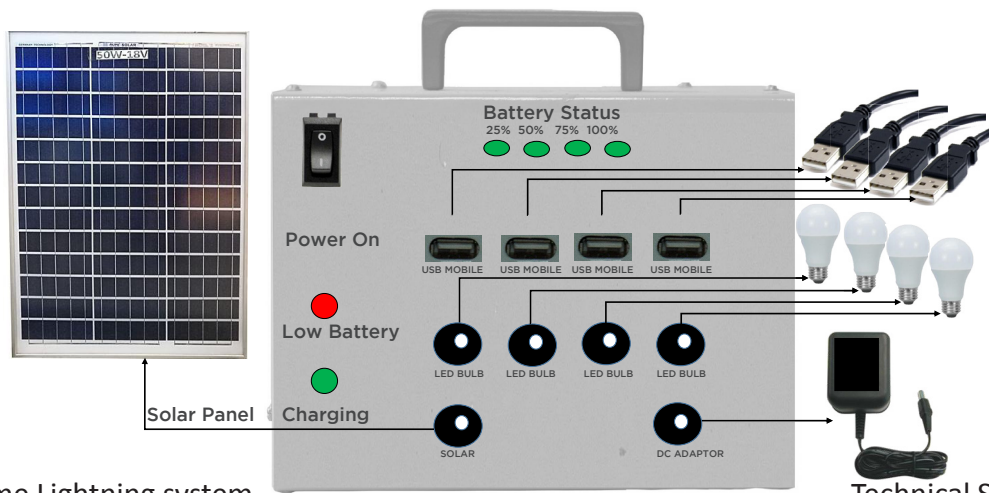
Technical Specifications

ELECTRICAL	
Model	Switcher 22
Battery	12.80V 12Ah
Type of Battery	Lithium Ferro phosphate (LFP)
Solar Panel Rating	12V 30Wp
Low Battery – Load Disconnect	10.50 +/- 0.2V (or as recommended by the battery manufacturer)
Low Battery – Load Reconnect	13.00 +/- 0.2V
TEMPERATURE & HUMIDITY	
Operating Temperature	0 to 50 Degree Celsius
Storage Temperature	0-50 Degree Celsius
Relative Humidity	0-95%
BACK UP TIME (ONCE BATTERY IS FULLY CHARGED)	
1 LED Bulb	30 Hours
2 LED Bulbs	15 Hours
2 LED Bulbs + 1 Mobile Charger	10 Hours
2 LED Bulbs + 2 Mobile Charger	8 Hours
BATTERY CHARGING TIME	
12V 30Wp Panel	8 to 10 Hours with bright sunny day

### Features:

- ☑ 12V 30Wp IEC & MNRE approved Solar Panel with 25 years warranty.
- ☑ Expected life of LEDs : 50000 Hours
- ☑ Highly Energy Efficient
- ☑ Eco Friendly
- ☑ 12.80V 12Ah Lithium Ferro phosphate (LFP)
- ☑ Maintenance free

## HOME LIGHTNING SYSTEM WITH 4 LED BULB OF 5 WATT & 4 NOS OF USB PORT FOR MOBILE CHARGING



Solar Home Lightning system

Technical Specifications

ELECTRICAL	
Model	Switcher 44
Battery	12.80V 18Ah
Type of Battery	Lithium Ferro phosphate (LFP)
Solar Panel Rating	12V 50Wp
Low Battery – Load Disconnect	10.50 +/- 0.2V (or as recommended by the battery manufacturer)
Low Battery – Load Reconnect	13.00 +/- 0.2V
TEMPERATURE & HUMIDITY	
Operating Temperature	0 to 50 Degree Celsius
Storage Temperature	0-50 Degree Celsius
Relative Humidity	0-95%
BACK UP TIME (ONCE BATTERY IS FULLY CHARGED)	
1 LED Bulb	45 Hours
2 LED Bulbs	22 Hours
2 LED Bulbs + 2 Mobile Charger	12 Hours
4 LED Bulbs + 4 Mobile Charger	6 Hours
BATTERY CHARGING TIME	
12V 50Wp Panel	8 to 10 Hours with bright sunny day

### Features:

- ☒ 12V 50Wp IEC & MNRE approved Solar Panel with 25 years warranty.
- ☒ Expected life of LEDs : 50000 Hours
- ☒ Highly Energy Efficient
- ☒ Eco Friendly
- ☒ 12.80V 18Ah Lithium Ferro phosphate (LFP)
- ☒ Maintenance free

## INTEGRATED SOLAR STREET LIGHTNING SYSTEM

### 5 Watt to 120 Watt

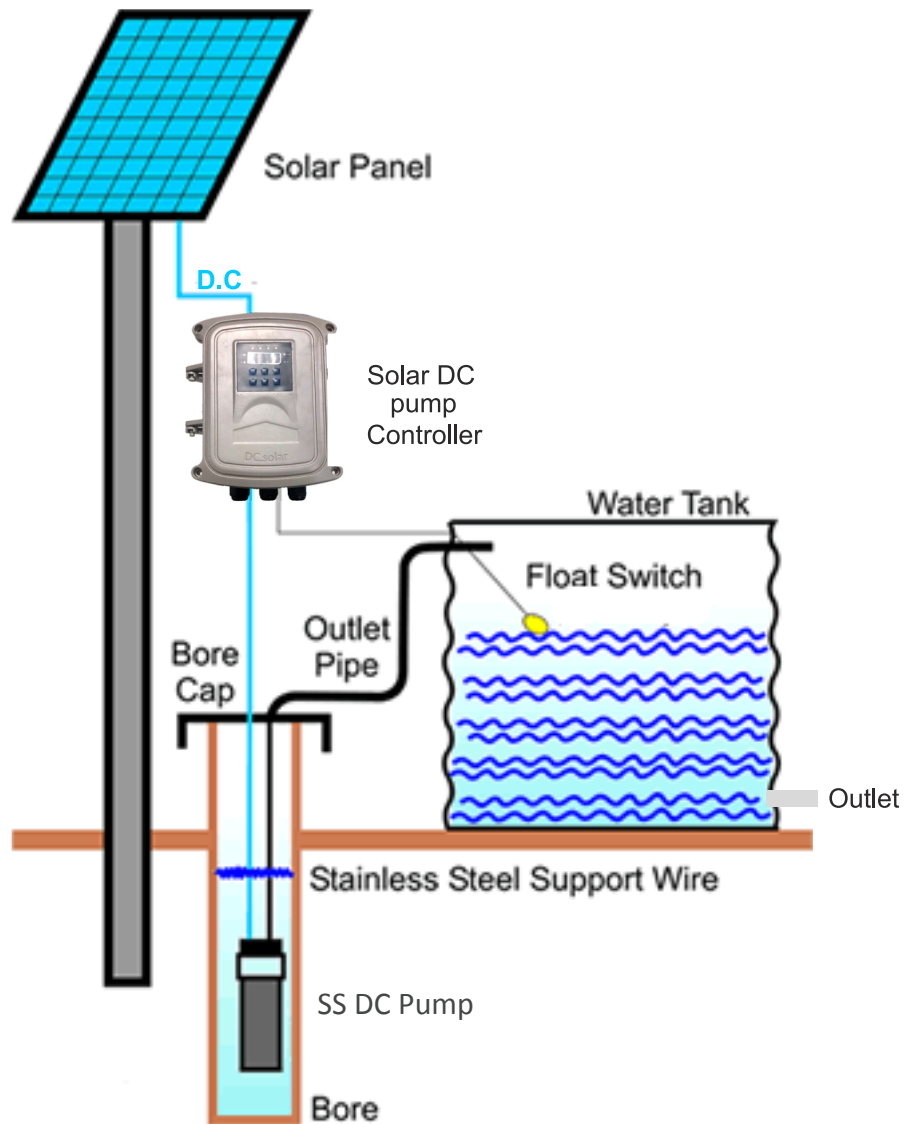
#### SOLAR STREET LIGHTING SYSTEM

All in one SOLAR LED Street Light comes with integration of photovoltaic module, charging controller and life PO<sub>4</sub> battery combined with high Output LEDs and human infrared sensor brings multiple features such as high luminance, long lifespan, minimal maintenance and easy installation.

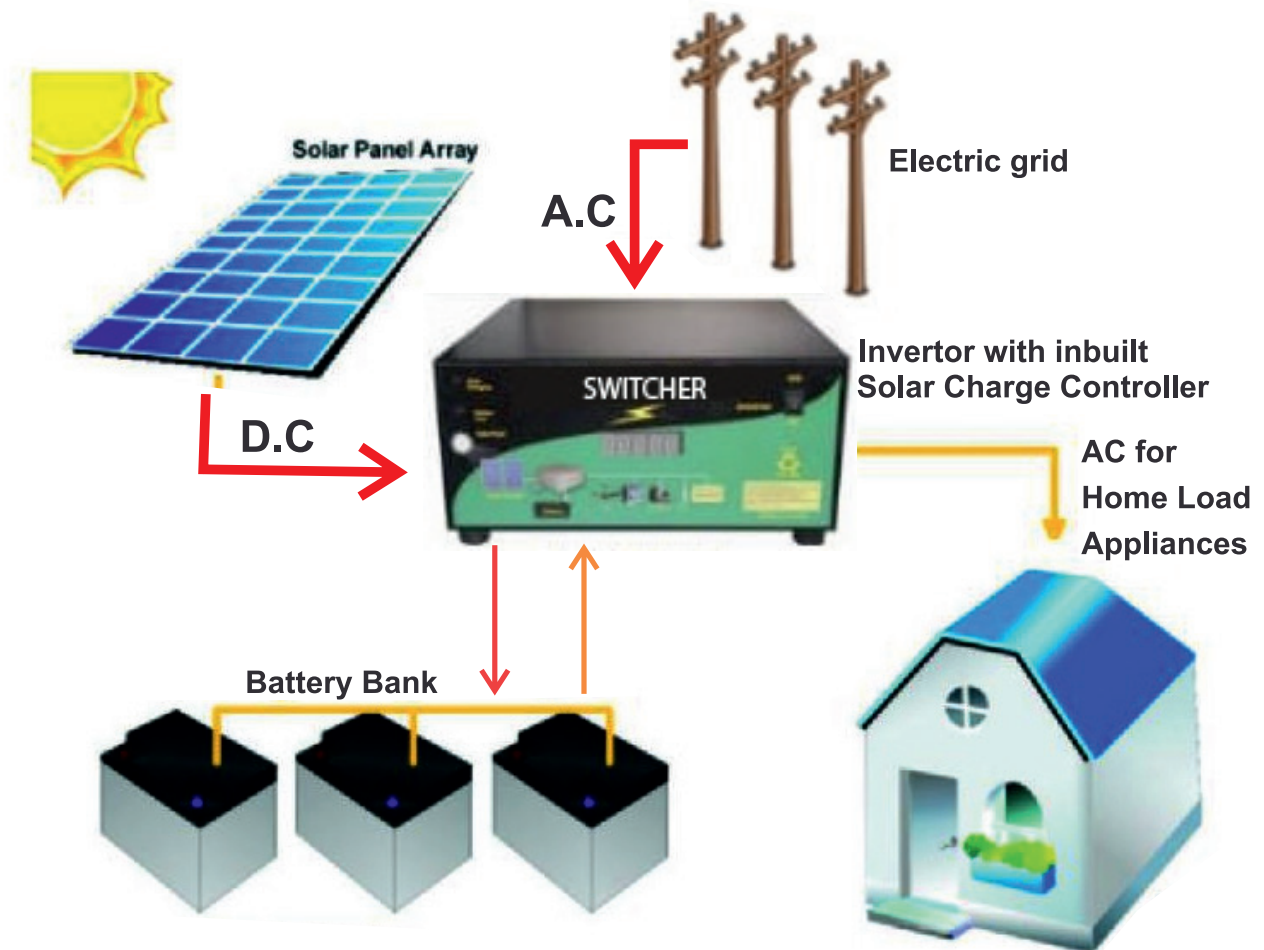


## SOLAR BLDC PERMANENT MAGNET WATER PUMPING SYSTEM

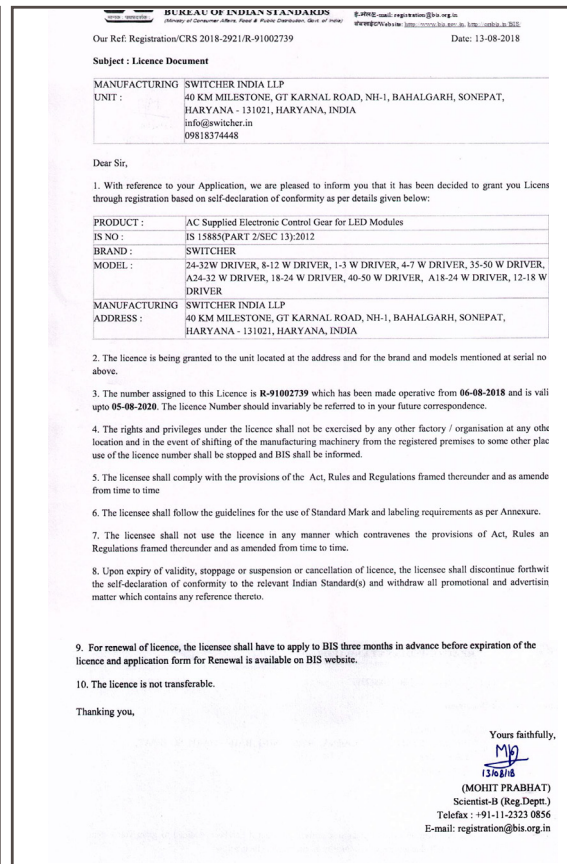
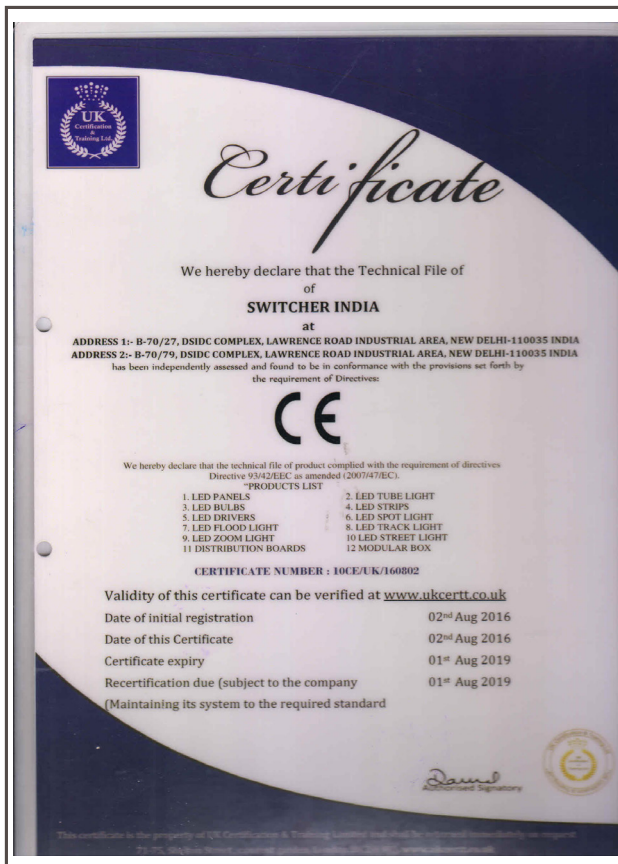
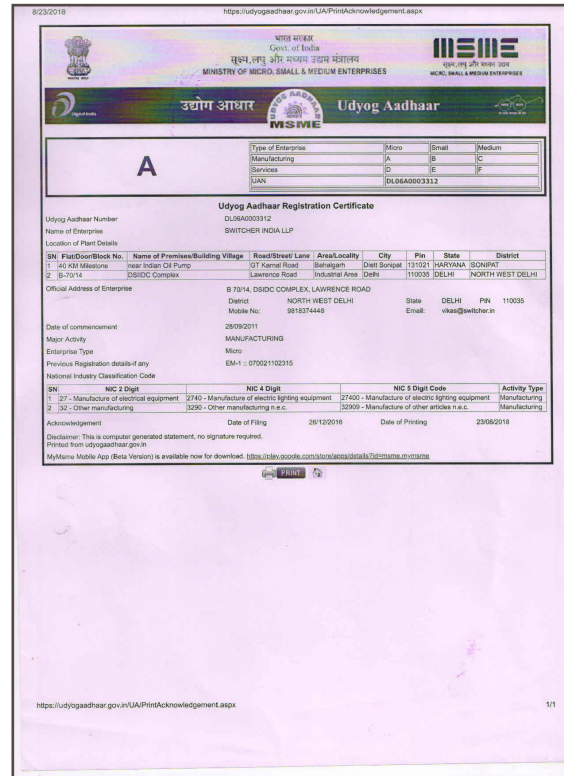
PUMP -1HP CONTROLLER - 750 W RATED LIFT - 95 M WATER OUT FLOW -28800 LPD/ 6Hrs. Sunlight



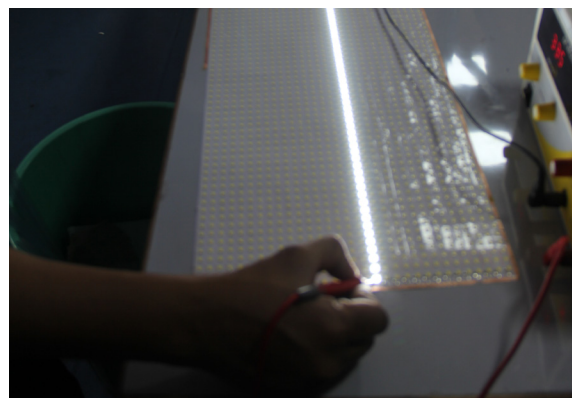
**SOLAR OFF GRID POWER PACK DUAL CHARGING INVERTOR SYSTEM**  
**CAPACITY 500/1000/2000/3000 watt**











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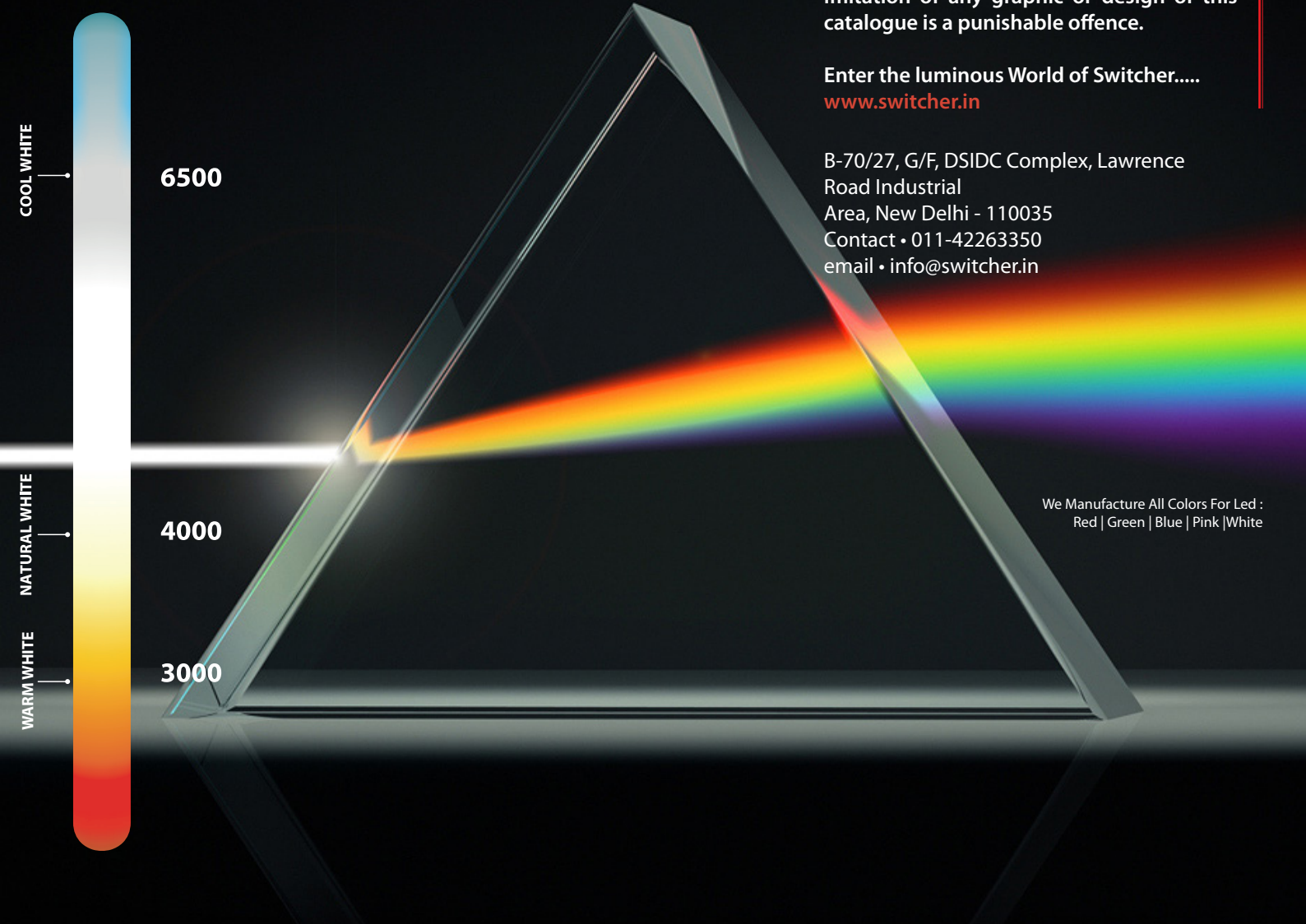
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Color Temperature is independant of the Color Rendering Index .