

**LED LUMINARY
SOLAR ENERGY**



Company

Cataloge 2017/2018

Adopting to a world of endless
possibilities with cutting edge technology

Indoor • Outdoor • Office • Industry • Warehouses • Agriculture



About us

Our company works on customer relation building. We provide solutions to our customers in both lighting and renewable. Our motto is to deliver superior quality products and services to our customers. We never compromise with the quality and our excellent time management system does not let you down. We have a dedicated team of young and dynamic professionals from various backgrounds. We have people from Indian Institute of Technology whose advices and mentoring pushes us to go forward. Our Engineering team is well equipped with latest technology and are aware of the requirements of our customers. Each day we look to improvise ourselves making business relation exceptional. Our strong marketing and finance team is a plus to the company.

Our Mission is to
Succeed

- Deliver High Quality Products to the Customer.
- Provide Support and Services after Sales.
- Develop Healthy Relationship with the Customer.
- Build & Execute a strong R&D Facility.
- Deliver High Quality Products to the Customer.

Company Value

We try to keep the standard of our products which helps us to have a great relation with our customers. We believe in quality rather than quantity. With a lot of similar competitive companies in market, we look to keep it very simple focusing on quality. All parts and raw materials used follows international standards.

Our Team

We have strong team of professionals with wide range of knowledge and expertise in the field working together to bring products and solutions.

- Saurav Kumar, B.E- Electrical (R&D Head, India)
- Subash Kumar, B.E- Electrical, M.E- Power Electronics, IIT Kharakpur (Technical Adviser/ Mentor)
- Sam Mathew, B.E- Electronics (Over Seas Client relation manager, USA)
- Steve, B.E- Electrical, Engineering Management (Over Seas Client relation manager, New Zealand)

Services:

We provide excellent services to our customers. Following are few of our services:

- LED Landscape designing
- LED interior Designing
- Corporate lighting designing
- Auditorium / Stadium / Outdoor Led lighting
- Energy auditing
- Solar EPC
- PCB Designing
- Integrated Circuit Board Designing
- AMC services

Why Choose Starc Energy?

- Superior Quality.
- ISO 9001:2008.
- Ce Certified products.
- RoHS Certified products.
- BIS Certified Drivers.
- Make in India






First time in India,
We are launching 450Watts LED flood light



Salient features & benefits of led technology

Led technology has endless benefits. Led lights are energy efficient, cost effective, durable and many more. It is the latest alternative to conventional lighting.


Cost Benefits

Energy saving : Low power consumption <ul style="list-style-type: none"> • Potentially power saver up to 75% over conventional light sources. • Equipped with electronic drivers having high power factor & lower harmonics. 	
Maintenance free operation : Lower downtime <ul style="list-style-type: none"> • Led lights have maintenance free life up to 50,000 hours. This helps in reducing the downtime required for frequent maintenance in critical areas like offices, hospitals & production lines. • Led lights don't have filament like conventional lights and thus they can withstand a great amount of vibrations and shocks rendering more durability. 	
Low heat generation : No indirect load on AC <ul style="list-style-type: none"> • Led lights generate very less heat compared to conventional lights like halogen and incandescent lamps. This helps in reducing the indirect load on air conditioning system. 	

Environmental Benefits

Environment First <ul style="list-style-type: none"> • Led lights do not have toxic elements such as mercury or lead. Hence the disposal of led lights is safer and economical than conventional lights. • Unidirectional lights: No light pollution, opt for dark skies. . 	
Green Building Certification : Lowe LPD <ul style="list-style-type: none"> • With reduction in power consumption and load on air condition plant, led lights helps in meeting the standards for LED certification for Green Buildings with a nominal increase in the capital cost. 	

Aspirational Benefits

Dimming and colour changing options : Play with the light <ul style="list-style-type: none"> • Led technology offers a wide range of CCT and CRI, which coupled with the ease of dimming helps in having mood lighting at very affordable price. • Leds can be combined with various shapes to make the illumination more creative. 	
--	---



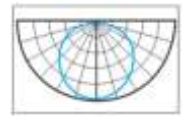
Architectural / Designer Lighting

Linear-LS01



LS-01: Suspended & seamless luminary in extruded aluminum for indoor Architectural lighting application, offering excellent energy savings and Maintenance- free operation. These can be connected end to end to make a Continuous lighting system of any desirable length.

Product Code	Rated Power	Dimension (mm)	Ip rating
SE-LS-01-26-X	26W	1200	IP 20
SE-LS-01-42-X	42W	1500	IP 20

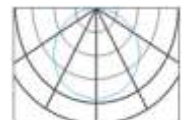


Linear-LR02

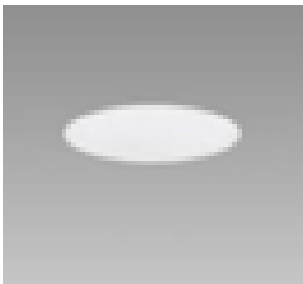


LR-02 : Pendant mounted seamless round shaped lighting in extruded Aluminum for indoor architectural lighting application, offering excellent Energy savings and Maintenance- free operation. These round fixtures can be used in offices , showrooms or even in house.

Product Code	Rated Power	Dimension (mm)	Ip rating
SE-LR-02-40-X	40W	500	IP 20
SE-LR-02-56-X	56W	600	IP 20



Linear-LR03



LR-03 : Pendant mounted seamless round shaped lighting in extruded Aluminum for indoor architectural lighting application, offering excellent Energy savings and Maintenance- free operation. These round fixtures can be used In offices, showrooms or even in house.

Product Code	Rated Power	Dimension (mm)	Ip rating
SE-LR-03-30-X	30W	500	IP 20
SE-LR-03-56-X	56W	600	IP 20







Architectural / Designer Lighting

Dome DX – 01



DX-01 : Led pendant luminaire with 18w and 12w bulb in seamless luminaire in extruded Aluminum for indoor Architectural lighting application, offering excellent energy Savings and Maintenance- free operation.

Product Code	Rated Power	Dimension (mm)	Ip rating
SE-DX-01-12-X	12W	350	IP 20
SE-DX-01-18-X	18W	450	IP 20

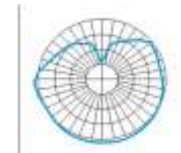


Linear-LR02



DX – 02 : Led pendant luminaire with 9w and 12w bulb in seamless luminaire in matt finish with glass housing and Base canopy supported with powder coating for indoor Architectural lighting application, offering Excellent energy Savings and Maintenance- free operation.

Product Code	Rated Power	Dimension (mm)	Ip rating
SE-DX-02-12-X	12W	250	IP 40
SE-DX-02-18-X	18W	250	IP 40

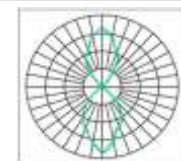


Linear-LR03



Up down PR-01: Wall mounted up down wall washer luminaire in aluminum housing with powder coating coating for indoor Architectural lighting application, offering excellent energy Savings and Maintenance- free operation.

Product Code	Rated Power	Dimension (mm)	Ip rating
SE-PR-01-15-X	15W	70	IP 20







INDOOR LIGHTING

Silver Line



Silver line : Unique design with a combination of aluminium ring make this luminary ideal for office, home , showrooms . Upto 70% energy saving with uniform light distribution.

Product Code	Rated Power	Outer Dimension (mm)	Cutting Dimension (mm)	Ip rating
SE-SLDL-01-6-X	6W	ø130	ø120	IP 20
SE-SLDL-01-12-X	12W	ø130	ø120	IP 20
SE-SLDL-01-18-X	18W	ø160	ø150	IP 20

RUBY



Ruby : Unique design with a combination of aluminum heat sink make this luminary ideal for office, home, showrooms. Up to 70% energy saving with uniform light distribution.

Product Code	Rated Power	Outer Dimension (mm)	Cutting Dimension (mm)	Ip rating
SE-RBDL-01-6-X	6W	ø100	ø80	IP 20
SE-RBDL-01-12-X	12W	ø140	ø115	IP 20
SE-RBDL-01-18-X	18W	ø190	ø170	IP 20

PEARL TRIM LESS 2 IN 1



Pearl trim less 2 in 1 : A unique concept of 2in 1 luminary option where the aluminum luminary can be used as both surface mounted as well as recessed mounted. . Up to 70% energy saving with uniform light distribution.

Product Code	Rated Power	Outer Dimension (mm)	Cutting Dimension (mm)	Ip rating
SE-TRDL-01-9-X	9W	ø95	ø80	IP 20
SE-TRDL-01-15-X	15W	ø100	ø120	IP 20
SE-TRDL-01-21-X	21W	ø200	ø170	IP 20

PEARL BACK LIT



Pearl back lit: Superior scratch less powder coated aluminum luminary with high quality die casting housing. Up to 70% energy saving with uniform light distribution.

Product Code	Rated Power	Outer Dimension (mm)	Cutting Dimension (mm)	Ip rating
SE-BLDL-01-6-X	6W	ø110	ø95	IP 20
SE-BLDL-01-12-X	12W	ø150	ø135	IP 20
SE-BLDL-01-18-X	18W	ø180	ø165	IP 20





INDOOR LIGHTING

Backlit Recessed



Backlit Recessed Recessed mounted, back-lit LED tile, with highly translucent wide window opal diffuser and suitable for 600x600mm, modular/POP/Gypsum ceilings.

Product Code	Rated Power	Dimension (mm)	Height (mm)	Ip rating
SE-RCDL-01-20-X	20W	300x300	60	IP 20
SE-RCDL-01-40-X	40W	600x600	60	IP 20

Slim Recessed



Slim Recessed : Recessed mounted, edge-lit LED panel, with highly translucent wide window opal diffuser and suitable for 600x600mm, modular ceilings.

Product Code	Rated Power	Dimension (mm)	Height (mm)	Ip rating
SE-SLRDL-01-20-X	20W	300x300	20	IP 20
SE-SLRDL-01-40-X	40W	600x600	20	IP 20

Classic Recessed



Classic Recessed : Recessed mounted 1x4 edge-lit LED panel, with highly translucent wide window opal diffuser and suitable for 600x600mm, modular ceilings.

Product Code	Rated Power	Dimension (mm)	Height (mm)	Ip rating
SE-CLRDL-01-40-X	40W	600x300	60	IP 20





OUTDOOR LIGHTING

FL-50



Input Power

40W AC

60W AC

Product Code

SE-ACFL-0340-X

SE-ACFL-0360-X

Size (L x W x H)mm

222 x 105 x 115

222 x 105 x 115

FL-100



Input Power

80W AC

100W AC

Product Code

SE-ACFL-0380-X

SE-ACFL-03100-X

Size (L x W x H)mm

423 x 322 x 200

423 x 322 x 200

FL-160



Input Power

120W AC

150W AC

Product Code

SE-ACFL-03120-X

SE-ACFL-03150-X

Size (L x W x H)mm

423 x 322 x 200

FL-250



Input Power

200W AC

250W AC

Product Code

SE-ACFL-03200-X

SE-ACFL-03250-X

Size (L x W x H)mm

530 x 330 x 220

FL-300



Input Power

300W AC

Product Code

SE-ACFL-03300-X

Size (L x W x H)mm

600 x 330x 220

FL-300



Input Power

450W AC

Product Code

SE-ACFL-03450-X

Size (L x W x H)mm

650 x 330x 220

Flood Lights





LED FLICKER FREE LIGHTING

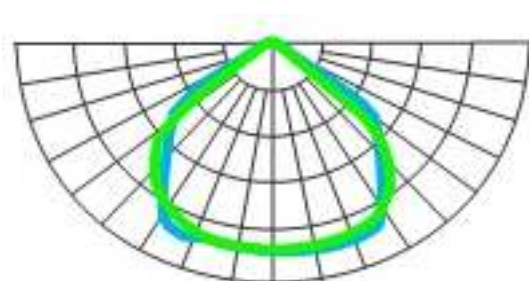
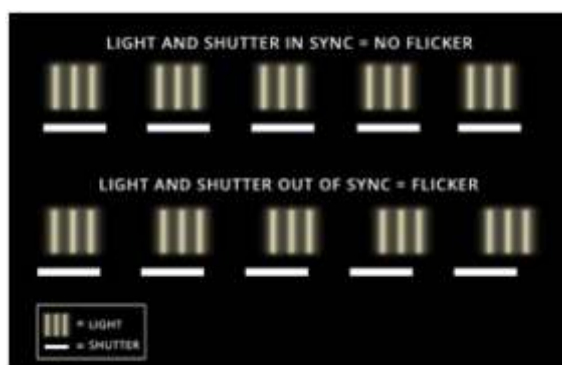
FALCON FX-100



Shooting under the sun generally gives no flicker issues. But however, when we use a light source flickering becomes a major concern in video recording. DC powered led light sources are also less likely to face this problem. But, for higher wattage or instance where high illumination is required AC based led lights has to be used. Normal AC based led luminary allows voltage ripples to led source thereby creating flickering due to poor filtration process in power supply circuit.

Falcon FX 100 is a revolutionary product which is AC powered and delivers high light output with more than 10,000 Lm. It gives you easy flicker free footage. It is equipped with a double rectification module in its power supply circuit which cuts out 99% ripples giving you smooth flicker free light for your videography. Falcon FX 100 is flicker proof up to 1800FPS.

Product Code	Rated Power	Dimension (mm)	Flicker free upto (FPS)	Ip rating
SE-FLFX-01-80	80W	400X200x160	1800	IP 67
SE-FLFX-01-100	100W	400X200x160	1800	IP 67







OUTDOOR LIGHTING

BL-20



Input Power

15W

25W

Product Code

SE-ACST-0215-X

SE-ACST-0225-X

Size (L x W x H)mm

325 x 80 x 70

Pole Mounting Dia 36mm

SB-50



Input Power

40W AC

60W AC

Product Code

SE-ACST-0240-X

SE-ACST-0260-X

Size (L x W x H)mm

450 x 210 x 50

Pole Mounting Dia 45mm

GM-100



Input Power

80W AC

100W AC

Product Code

SE-ACST-0280-X

SE-ACST-02100-X

Size (L x W x H)mm

460 x 230 x 80

Pole Mounting Dia 50mm

GM-150



Input Power

120W AC

150W AC

Product Code

SE-ACST-02120-X

SE-ACST-02150-X

Size (L x W x H)mm

520x 260 x 85

Pole Mounting Dia 50mm

S-COB



Input Power

50W AC

100W AC

Product Code

SE-ACST-02CB50-X

SE-ACST-02CB100-X

Size (L x W x H)mm

as per fixture

Pole Mounting Dia 60mm





COB-SERIES

Pluto



Product Code	Rated Power	Outer Dimension (mm)	Cutout Dimension (mm)	Height (mm)	Ip rating
SE-PLDL-06-X	6W	Ø90	Ø78	45	IP 20

Mars



Product Code	Rated Power	Outer Dimension (mm)	Cutout Dimension (mm)	Height (mm)	Ip rating
SE-MRDL-05-X	5W	Ø84	Ø66	55	IP 20
SE-MRDL-09-X	9W	Ø84	Ø65	72	IP 20
SE-MRDL-15-X	15W	Ø110	Ø85	92	IP 20
SE-MRDL-24-X	24W	Ø160	Ø134	124	IP 20

Saturn



Product Code	Rated Power	Outer Dimension (mm)	Cutout Dimension (mm)	Height (mm)	Ip rating
SE-VNDL-10-X	10W	Ø100	Ø76	60	IP 20
SE-VNDL-15-X	15W	Ø130	Ø110	80	IP 20
SE-VNDL-24-X	24W	Ø170	Ø150	84	IP 20
SE-VNDL-36-X	36W	Ø200	Ø180	90	IP 20

Saturn



Product Code	Rated Power	Outer Dimension (mm)	Cutout Dimension (mm)	Height (mm)	Ip rating
SE-JPDL-05-X	5W	Ø84	Ø75	52	IP 20
SE-JPDL-10-X	10W	Ø100	Ø83	58	IP 20
SE-JPDL-15-X	15W	Ø113	Ø100	68	IP 20
SE-JPDL-20-X	20W	Ø160	Ø140	73	IP 20

Colour Temperature - 6000K (Cool White), 4000K (Neutral White), 3000 K (Warm White)
 Secondary Optics (Lens) in various beam angles available.
 Specifications subject to Change.





COB-SERIES

Spectra



Product Code	Rated Power	Outer Dimension (mm)	Cutout Dimension (mm)	Tilt angle (deg.)	Ip rating
SE-SPRDL-06-X	6W	230 X 120	190 X 90	12	IP 20
SE-SPRDL-09-X	9W	330 X 120	290 X 90	12	IP 20

Saturn



Product Code	Rated Power	Outer Dimension (mm)	Cutout Dimension (mm)	Height (mm)	Ip rating
SE-STDL-10-X	10W	Ø84	Ø66	72	IP 20
SE-STDL-15-X	15W	Ø110	Ø86	92	IP 20
SE-STDL-24-X	24W	Ø136	Ø116	126	IP 20

Surface



Product Code	Rated Power	Outer Dimension (mm)	Height (mm)	Ip rating
SE-SRDL-10-X	10W	Ø55	70	IP 20
SE-SRDL-15-X	15W	Ø57	200	IP 20
SE-SRDL-20-X	20W	Ø120	200	IP 20

Zoom LT



Product Code	Rated Power	Outer Dimension (mm)	Cutout Dimension (mm)	Ip rating
SE-ZLDL-20-X	20W	Ø140	Ø120	IP 20
SE-ZLDL-30-X	30W	Ø157	Ø135	IP 20

Colour Temperature - 6000K (Cool White), 4000K (Neutral White), 3000 K (Warm White)
 Secondary Optics (Lens) in various beam angles available.
 Specifications subject to Change.





SOLAR WATER PUMPING SYSTEM

Stealth-S100



Solar DC pumps :

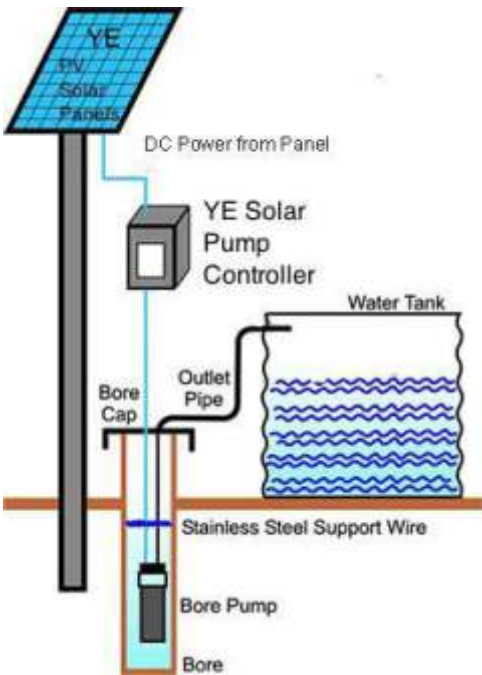
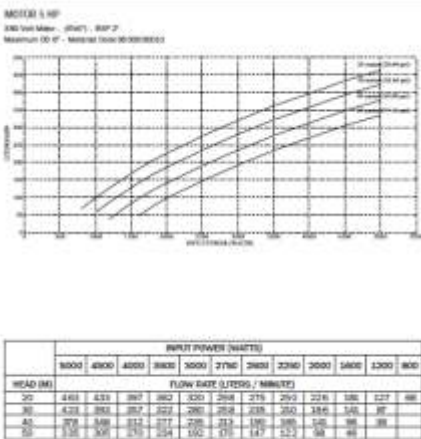
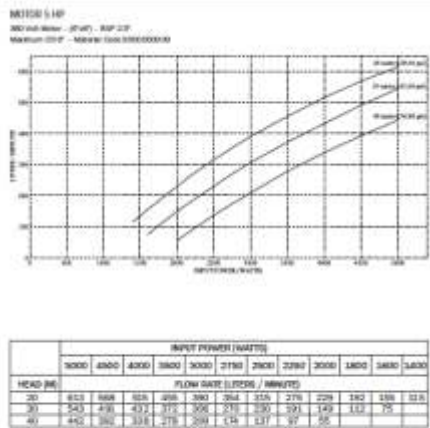
- Free fuel
- Minimal operating and maintenance cost. .
- Applicable for both existing* as well as new applications
- No need for supervision during operation
- Easy installation
- Works on both DC and AC Hybrid System.

Stealth-S500



Solar AC pumps:

- Free fuel
- Minimal operating and maintenance cost. .
- Applicable for both existing* as well as new applications
- No need for supervision during operation
- VFD based pump controller system.
- High power up to 35 Hp







Solar Power Management

With a Rising demand in power and lowered resources, the world is facing a crisis.

Alternative sources of energy are becoming our only hope. We at starc look forward to extract these energy resources to their potential with prime focus on solar power.

We provide solar EPC services with best quality materials both Indian made and imported.

We make sure that we maintain transparency starting from site surveys to layout designs to project implementation.

We provide the right energy auditing services to our customers.

Services Provided :

1. Grid Tied System
2. Off Grid System
3. Roof Top System
4. Solar hybrid System
5. Solar Portable System



IP RATING CHART

IP ratings are represented by combining the first and second digits of the following columns. See example below.










1st Digit - SOLID

Degree of protection against solid objects

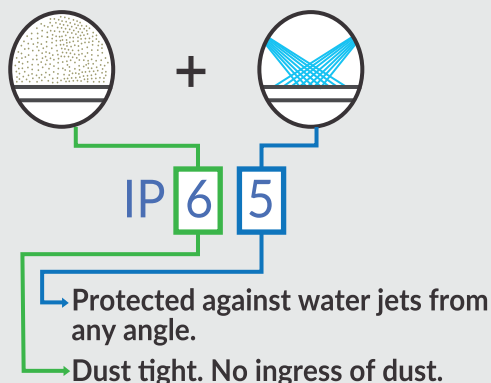
	No Protection	0
	Protected against a solid object greater than 50mm, such as a hand.	1
	Protected against a solid object greater than 12.5mm, such as a finger.	2
	Protected against a solid object greater than 2.5mm, such as a wire.	3
	Protected against a solid object greater than 1.0mm, such as a thin strap	4
	Dust Protected prevents ingress of dust sufficient to cause harm	5
	Dust tight No ingress of dust.	6

2nd Digit - LIQUID

Degree of protection against water

	No Protection.	0
	Protection against water drops.	1
	Protection against water drops.	2
	Protected against water spray at 60 degree angle.	3
	Protected against water spray at 60 degree angle.	4
	Protected against water spray at 60 degree angle.	5
	Protected against powerful water jets and heavy seas.	6
	Protected against the effects of temporary submersion in water(30 minutes at 3 feet)	7
	Protected against the effects of temporary submersion in water(30 minutes at 3 feet)	8

Example :



NOTE

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



Come Lets Make Corporate Relationship Exceptional

- **New Zealand**
- **Nigeria**
- **Lebanon**
- **Riyadh**
- **Delhi**
- **Haryana**
- **UP**
- **Assam**
- **Kerala**
- **Banglore**

India:

Corporate Office
117, Somdutt Chamber-I,
Bhikaji Cama Place,
New Delhi - 110066
info@starcenergy.com
www.starcenergy.com