



SOLAS
AUTOMATION

Intelligent • Efficient • Convenient

About us

Solas Automation Ltd. is an ISO 9001:2015 CERTIFIED British company based in Essex, UK with operations in India and the United Kingdom.

Our Purpose is to provide complete Lighting Management Systems, Automation and Integrated Solutions with a focus on Energy Efficiency, Safety and Convenience.

Our personnel have huge experience on a wide range of projects. From simple home automation to complete solutions on some the world's most grand projects, our people have supplied and managed lighting solutions for the grand luxury hotel, Burj Al Arab, the famous Palm Atlantis Hotel and the Yas Viceroy Hotel in Abu Dhabi.

With many years of experience in the lighting, control & automation industry and our partnerships with leading components manufacturers and service provider from across the world, we are able to supply a range of products for various applications.

We are empaneled with Public Works Department (PWD) and authorised to supply our LED lights, fixtures and automation system across India.

INDEX

1.	Omni LED Bulb	1
2.	LED Tube Light	2
3.	LED Batten Light	3
4.	LED Spot Light	4
5.	Surface Down Light	5-6
6.	Circle LED Down Light	7
7.	Circle LED Down Light II	8
8.	COB Down Light	9
9.	Base Light	10
10.	Cleanroom Fitting	11
11.	Strip Light	12
12.	Flood Light	13-15
13.	LED Street Light	16-18
14	SMART Wireless Home/Office Automation Solution	19

Omni LED Bulb

Aesthetically designed spherical LED bulb for B22 lamp base



Angle	Ra	IP
180°	>80	20

- Input Voltage: AC220-240V, 50
- Voltage operating range: 100 – 320V
- P.F > 0.89
- High Surge Protection: 2.5KV
- LED Life: 50,000 BH
- Optics: Polycarbonate diffuser
- With Driver

Application areas

Residences	Hotels	Shops
Offices	Hospitals	Schools

	6W	8W	12W
Dimensions	56mm X 101mm	56mm X 101mm	65mm X 108mm
3000K Output	SBL306 450lm	SBL308 8105lm	SBL312 1240lm
6500K Output	SBL606 500lm	SBL608 900lm	SBL612 1380lm
MRP	120	150	250

T8 Retrofit LED Tube Light

LED Tube with extruded aluminum housing and energy efficient electronic driver.



Angle	Ra	IP
270°	80	20

- Extruded Aluminum housing with highly efficient PC Opal diffuser
- Mid Power SMD LEDs mounted on MCPCB
- 50% energy saving Vis a Vis standard 2ft & 4ft T8 or, T12 FTL
- Over current, over voltage, reverse polarity & short circuit protection
- Built-in constant current driver with 2.5KV Surge Protection
- Driver efficiency > 85%, full load THDi < 15%
- Operating voltage range 100 - 277Vac
- Working ambient temperature -10°C ~ +45°C
- Average Light Source Life (L70B50) 50,000Hrs
- High intensity of illumination with view angle 120°
- Instant start, flicker free operation
- Environment friendly, without mercury
- No harmful UV & IR radiation

Mounting:

- Retrofit solution to standard G13 medium bi-pin base 2 ft. & 4 ft. T8 or T12 tube.

Application areas

General Shops Schools	Small Offices Hospital Lobbies	Reception Area Residences
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	10W	18W
Cut Out Dimension L, L1	N/A	N/A
3000K Output	STU310 920lm	STU318 1440lm
6500K Output	STU610 1000lm	STU618 1800lm
MRP	600	750

LED Batten Light

Ultra slim polycarbonate decorative LED batten with in-built heatsink, anti-glare polycarbonate diffuser and energy efficient electronic driver

Angle	Ra	IP
120°	>80	20



- Extruded Thermo-bio plastic housing with highly efficient PC Opal diffuser
- Mid Power SMD LEDs mounted on MCPCB
- 40% energy saving Vis a Vis Conventional T5 FTL Luminaire
- Over current, over voltage & short circuit protection
- Integrated constant current driver with 2.5KV Surge Protection
- Driver efficiency > 85%, full load THDi < 15%
- Operating voltage range 100 - 277Vac
- Working ambient temperature -10°C ~ +45°C
- Average Light Source Life (L70B50) 35,000Hrs
- All Dimensions in "mm± 5%"
- High intensity of illumination with view angle 120°
- Instant start, flicker free operation
- Environment friendly, without mercury
- No harmful UV & IR radiation

Application areas

Shops	Offices	Residences
Restaurants	Hospitals	Schools

	10W	20W
Cut Out Dimension	580mm X 22mm X 35mm	1170mm X 22mm X 35mm
3000K Output	STL310 920lm	STL320 1840lm
6500K Output	STL610 1000lm	STL620 2000lm
MRP	350	500

LED Spot Light

Recess mounted aesthetically designed 2W LED Spot Light for low ceiling height applications



Angle	Ra	IP
25°	>80	20

- Input Voltage: AC 220-240V, 50/60Hz
- Driver Type: Constant Current. Non-Integral
- P.F ≥ 0.5
- Voltage Operating Range: 80-400 VAC
- High Surge Protection: 2.5 KV
- CRI: Ra>80
- LED Life: 30,000 BH
- Optics: PMMA lens for better light distribution
- Accessories: With Driver

Application areas

Residences	Shops	Showrooms
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	2W
Cut Out Dimension	Ø 32
2700K Output	SPL302 85lm
6000K Output	SPL602 85lm
MRP	300

Surface Down Light (Round)

Surface mounting circular LED Down Light luminaire with die-cast aluminium housing in white powder coating finish, anti-glare diffuser and energy efficient electronic driver.



Angle	Ra	IP
110°	80	20

- Die cast Aluminum housing with highly efficient PC Opal diffuser
- Mid Power SMD LEDs mounted on MCPCB
- 60% energy saving Vis a Vis conventional down light
- Over current, over voltage & short circuit protection
- Integrated constant current driver with 2.5KV Surge Protection
- Driver efficiency > 85% , full load THDi < 15%
- Operating voltage range 100 - 277Vac
- Working ambient temperature -10°C ~ + 45°C
- Average Light Source Life (L70B50) 50,000Hrs
- High intensity of illumination with view angle 120°
- Excellent glare control, UGR < 20
- Instant start, flicker free operation
- Environment friendly, without mercury
- No harmful UV & IR radiation

Application areas

Residences	Offices	Corridors
Staircase	Shops	Restaurants

	12W	15W	18W	24W
Dimension (mm) (ØxH)	170x35	190x35	225x35	300x35
3000K Output	SSC312 1050lm	SSC315 1300lm	SSC318 1600lm	SSC324 2100lm
6500K Output	SSC612 1080lm	SSC615 1350lm	SSC618 1650lm	SSC624 2160lm
MRP	1100	1500	2000	2400

Surface Down Light (Square)

Surface mounting square LED Down Light luminaire with die-cast aluminium housing in white powder coating finish, anti-glare diffuser and energy efficient electronic driver.



Angle	Ra	IP
110°	80	20

- Die cast Aluminum housing with highly efficient PC Opal diffuser
- Mid Power SMD LEDs mounted on MCPCB
- 60% energy saving Vis a Vis conventional down light
- Over current, over voltage & short circuit protection
- Integrated constant current driver with 2.5KV Surge Protection
- Driver efficiency > 85% , full load THDi < 15%
- Operating voltage range 100 - 277Vac
- Working ambient temperature -10°C ~ + 45°C
- Average Light Source Life (L70B50) 50,000Hrs
- High intensity of illumination with view angle 120°
- Excellent glare control, UGR < 20
- Instant start, flicker free operation
- Environment friendly, without mercury
- No harmful UV & IR radiation

Mounting

Wall & surface mounting.

Application areas

Residences	Offices	Corridors
Staircase	Shops	Restaurants

	12W	15W	18W	24W
Dimension (mm) (LxH)	175x35	190x35	225x35	335x35
3000K Output	SSD312 1050lm	SSD315 1300lm	SSD318 1600lm	SSD324 2100lm
6500K Output	SSD612 1080lm	SSD615 1350lm	SSD618 1650lm	SSD624 2160lm
MRP	1100	1500	2000	2400

Circle LED Panel Down Light

Recess mounted circular type LED down light in white finish with energy efficient

Angle	Ra	IP
110°	>70	20



- Die cast Aluminum housing with highly efficient PMMA Opal diffuser
- Mid Power SMD LEDs mounted on MCPCB
- 60% energy saving Vis a Vis CFL/PLC Luminaires
- Over current, over voltage & short circuit protection
- External constant current driver with 2.5KV Surge Protection
- Driver efficiency > 85% , full load THDi < 20%
- Operating voltage range 120 - 280Vac
- Working ambient temperature -10°C ~ + 45°C
- Average Light Source Life (L70B50) 35,000Hrs
- High intensity of illumination with view angle 120°
- Instant start, flicker free operation
- Environment friendly, without mercury
- No harmful UV & IR radiation

Application areas

General Shops	Small Offices	Reception Area
Restaurants	Hospitals	Hotels

	9W	15W	24W
Dimensions	135mm	175mm	285mm
3000K Output	SCL309 660lm	SCL315 1250lm	SCL324 2000lm
4000K Output	SCL409 690lm	SCL415 1300lm	SCL424 2080lm
6500K Output	SCL609 720lm	SCL615 1350lm	SCL624 2160lm
MRP	700	900	1200

Square LED Panel Down Light

Recess mounted square type LED down light in white finish with energy efficient

Angle	Ra	IP
110°	>70	20



- Die cast Aluminum housing with highly efficient PMMA Opal diffuser
- Mid Power SMD LEDs mounted on MCPCB
- 60% energy saving Vis a Vis CFL/PLC Luminaires
- Over current, over voltage & short circuit protection
- External constant current driver with 2.5KV Surge Protection
- Driver efficiency > 85% , full load THDi < 20%
- Operating voltage range 120 - 280Vac
- Working ambient temperature -10°C ~ + 45°C
- Average Light Source Life (L70B50) 35,000Hrs
- High intensity of illumination with view angle 120°
- Instant start, flicker free operation
- Environment friendly, without mercury
- No harmful UV & IR radiation

Application areas

General Shops	Small Offices	Reception Area
Restaurants	Hospitals	Hotels

	9W	15W	24W
Dimension (mm) (Cut Out)	135x135	175x175	285x285
3000K Output	SCR312 660lm	SCR315 1250lm	SCR324 2000lm
4000K Output	SCR412 690lm	SCR415 1300lm	SCR424 2080lm
6500K Output	SCR612 720lm	SCR615 1350lm	SCR624 2160lm
MRP	700	900	1200

Circle LED Down Light

Recess mounted circular type LED down light with die-cast aluminium housing and smooth powder coated finish with anti-glare UV stabilised diffuser and separate energy efficient electronic driver



Angle	Ra	IP
90°	>80	44

- Input Voltage: AC220-240V, 50/60Hz
- Voltage operating range: 90 – 3295V
- P.F > 0.89
- High Surge Protection: 2.5KV
- LED Life: 30,000 BH
- Optics: Polycarbonate Diffuser
- With Driver

Application areas

General Shops	Small Offices	Reception Area
Restaurants	Hospitals	Hotels

	7W	12W	18W
Cut Out Dimension	90mm	120mm	145mm
3000K Output	SDL307 518lm	SDL312 1120lm	SDL318 1120lm
4000K Output	SDL407 539lm	SDL412 1160lm	SDL418 1160lm
6500K Output	SDL607 560lm	SDL612 1200lm	SDL618 1650lm
MRP	650	950	1250

COB Down Light

Recess mounting circular COB LED downlight with die-cast aluminium housing in white powder coating finish, specially designed heat sink, anti glare diffuser and separate energy efficient electronic driver

Also available in 24° and 60° beam angles



Angle	Ra	IP
60°	80	20

- Die cast Aluminum housing with highly efficient clear PC diffuser
- Highly efficient COB LED mounted on extruded Aluminum heat sink
- 60% energy saving Vis a Vis conventional down light
- Over current, over voltage & short circuit protection
- External constant current driver solution with 2.5KV Surge Protection
- Driver efficiency > 85% , full load THDi < 15%
- Operating voltage range 100 - 277Vac
- Working ambient temperature -10°C ~ + 45°C
- Average Light Source Life (L70B50) 50,000Hrs
- High intensity of illumination with view angle 45°& 60°
- Anti-glare COB technology, UGR < 20

Mounting

- Recess mounting, suitable for POP and Gypsum false ceiling.

Application areas

Residences	Offices	Corridors	Shops
Shopping Malls	Showrooms	Restaurants	Hotels

	7W	15W	25W
Cut Out Dimension	75mm	135mm	185mm
3000K Output	SSP307 570lm	SSP315 1350lm	SSP325 2300lm
4000K Output	SSP407 600lm	SSP415 1400lm	SSP425 2350lm
5700K Output	SSP607 630lm	SSP615 1450lm	SSP625 2400lm
MRP	950	1250	2250

Base Light (Quadra)

New deep type recess mounting LED luminaire equipped with CRCA powder coating housing, anti glare diffuser with separate energy efficient electronic driver

Angle	Ra	IP
110°	80	20



- Powder Coated heavy gauge CRCA housing with highly efficient PC Opal Diffuser
- Mid Power SMD LEDs mounted on MCPCB
- 50% energy saving Vis a Vis 2x36W PLL & FTL Luminaires
- Over current, over voltage & short circuit protection
- Built-in constant current driver up to 4 KV Surge Protection
- Driver efficiency > 85% , full load THDi < 15%
- Operating voltage range 120 - 280Vac
- Working ambient temperature -10°C ~ + 45°C
- Average Light Source Life (L70B50) 50,000Hrs
- High intensity of illumination with view angle 120°
- Uniform diffuse and glare control
- Instant start, flicker free operation
- Environment friendly, without mercury
- No harmful UV & IR radiation

Application areas

Offices	Schools	Conference
Banks	BPO	Hospitals

	36W	40W
Cut Out Dimension	580mm X 580mm	600mm X 590mm
3000K Output	SSL336 3700lm	SSL340 4100lm
4000K Output	SSL436 3850lm	SSL440 4250lm
6500K Output	SSL636 4000lm	SSL640 4400lm
Power Factor	≥0.95	≥0.95
MRP	3500	4500

Cleanroom Fitting

IP 54, dust free and zero maintenance LED Clean Room Bottom opening luminaire with CRCA powered coating housing, anti glare diffuser with potentiometric integrated energy efficient electronic driver.



Angle	Ra	IP
120°	80	65

- Input Voltage : AC220-240V, 50/60Hz
 - Operating voltage range : 150-265V
 - High Performance electronic driver
 - ensure Zero Maintenance
 - High Surge Protection : 2.5 KV
 - Average Life L70B50 : 50000 hrs
 - High transmittance PMMA diffuser for glare free symmetric light distribution.
- No harmful UV & IR radiations
 Operating Temperature : -10°C to +50°C

Application areas

Pharmaceutical Industries	Chemical and Biological Lab	ICU
Semiconductor Fabrication	Food and Beverage Industries	Hospital

	45W	60W
Cut Out Dimension	655x600x75	655x600x75
4000K Output	SCH445 4050lm	SCH460 5400lm
5700K Output	SCH645 4500ml	SCH660 6000ml
Weight	6.8kg	6.8kg

Strip Light

Flexible LED Strip Light in 5mtrs length with 6W/Mtr Power consumption available with wide viewing angle of 120 degree offer IP 65 protection and equipped with separate energy efficient electronic driver.



Angle	Ra	IP
120°	70	65

- Input Voltage: AC220-240V, 50/60Hz
- Voltage operating range: 85–265V
- HPF
- High Surge Protection: 0.5KV
- Long life of LEDs 50,000* BH
- Confirmed to IEC Safety Standard (IEC60598, IEC61347)
- Optics: Polycarbonate Diffuser
- With Driver

Application areas

Showrooms	Restaurants	Hotels
Offices	Shopping Malls	Residences

	6W	12W
2700K Output	SFS206 3000lm	SFS212 3000lm
3000K Output	SFS306 390lm	SFS312 810lm
4000K Output	SFS406 400lm	SFS412 830lm
Weight	0.28kg	0.29kg
MRP	4000	5000

Flood Light

Aesthetically designed LED floodlight luminaire with pressure die-cast housing, specially design heat sink with energy efficient electronic driver



Angle	Ra	IP
150°	70	65

- Powder coated pressure die cast Aluminum housing (LM6)
- Toughened glass cover concealed with high temp resistance silicon rubber gasket
- High Power SMD LEDs mounted on MCPCB
- 50% energy saving Vis a Vis Conventional Flood light Luminaire
- Isolated constant current driver compliance to IS:15885 Part 2/Sec13
- Highly efficient reflector to meet view angle 120°
- Driver efficiency > 85% , full load THDi < 10%
- Over current, over voltage & short circuit protection
- Surge suppression Protection 10KV
- Operating voltage range 120 - 285V
- Working ambient temperature -10°C ~ + 50°C
- Average Light Source Life (L70B50) 50,000Hrs

Application areas

Sign Boards	Buildings	Shop Boards	Industries
Sports Lighting	Garden	Parks	Statuses

	15W	30W
6000K Output	SFF615 1200lm	SFF630 2400lm
Power Factor	≥0.95	≥0.95
MRP	2900	7925

Flood Light

Aesthetically designed LED floodlight luminaire with pressure die-cast housing, specially design heat sink with energy efficient electronic driver



Angle	Ra	IP
150°	70	65

- Input Voltage :AC220-240V, 50/60Hz
 - Voltage operating range : 80-330V
 - HPF
 - High Surge Protection : 2.5KV
 - Long life of LEDs 50,000*BH
 - Confirmed to IEC Safety Standard
 - [IEC60598, IEC61347]
 - Optics : Glass diffuser
- With Driver
Application areas

Application areas

Sign Boards	Buildings	Shop Boards	Industries
Sports Lighting	Garden	Parks	Statues

	50W	70W	100W
Dimension	1.8kg	3.9kg	4.8kg
3000K Output	SFF350 4250lm	SFF370 7650lm	SFF390 10200lm
5700K Output	SFF650 5000lm	SFF670 9000lm	SFF690 12000lm
Power Factor	≥0.95	≥0.95	≥0.95
MRP	On Request	On Request	On Request

Flood Light

Aesthetically designed LED floodlight luminaire with pressure die-cast housing, specially design heat sink with energy efficient electronic driver



Angle	Ra	IP
150°	70	65

- Input Voltage :AC220-240V, 50/60Hz
 - Voltage operating range : 80-330V
 - HPF
 - High Surge Protection : 2.5KV
 - Long life of LEDs 50,000*BH
 - Confirmed to IEC Safety Standard
 - [IEC60598, IEC61347]
 - Optics : Glass diffuser
- With Driver
- Application areas

Application areas

Sign Boards	Buildings	Shop Boards	Industries
Sports Lighting	Garden	Parks	Statues

	150W	200W	250W
3000K Output	SFF1503 12750lm	SFF2003 15300lm	SFF2503 17000lm
6000K Output	SFF1506 15000lm	SFF2006 18000lm	SFF2506 20000lm
Weight	6.7kg	7.15kg	7.15kg
MRP	On Request	On Request	On Request

LED Street Light

New aesthetically designed LED Street Light for secondary lighting equipped with specially designed heat sink powder coated aluminium housing and polycarbonate diffuser.

Angle	Ra	IP
120°	80	65



- Powder coated pressure die cast Aluminum housing (LM6)
- Modular Lens Cover concealed with high temp resistance silicon rubber gasket
- High Power SMD LEDs mounted on MCPCB
- 50% energy saving Vis a Vis Conventional Street light Luminaire
- Isolated constant current driver compliance to IS:15885 Part 2/Sec13
- PMMA Secondary lenses >94% efficiency used for desire light distribution
- Driver efficiency > 85% , full load THDi < 10%
- Over current, over voltage & short circuit protection
- Surge suppression Protection 10KV
- Operating voltage range 120 - 277V
- Working ambient temperature -10°C ~ + 50°C
- Average Light Source Life (L70B50) 50,000Hrs
- Instant start flicker free operation
- Environment friendly, without mercury
- No harmful UV & IR radiation

Application areas

Street Light	Gardens	Pathways
Residential Buildings	Residential Colonies	Compound Lighting

	20W	24W	50W
Cut Out Dimension	270x80x66	330x80x70	330x80x70
3000K Output	SSS320 1500lm	SSS324 2500lm	SSS350 4500lm
4000K Output	SSS420 330x80x70	SSS424 810lm	SSS450 810lm
6500K Output	SSS620 400lm	SSS624 830lm	SSS650 830lm
MRP	2400	3400	5200

LED Street Light

LED Street Light with innovative & aesthetic & robust design with aluminium heat sink and toughened glass (IP66).



Angle	Ra	IP
120°	70	66

- Input Voltage : AC220-240V, 50/60Hz
 - Operating voltage range : 140-280V
 - High performance electronic driver
 - ensures zero maintenance
 - High Surge Protection : 4KV
 - Average life L70B50: 50,000 hrs
 - Optics : Lens for better life distribution.
 - No harmful UV & IR radiations
- Operating temperature: -10°C to +50°C
10KV SPD Optional.

Application areas

Street Light	Gardens	Pathways
Residential Colonies	Compound Lights	Highways

	70W	100W	120W
Dimension (mm) (LxWxH)	364x182x102 (Ø52)	364x182x102 (Ø52)	475x230x108 (Ø54)
5700K Output	SSS7006 8050lm	SSS1006 10350lm	SSS1206 13800lm
Weight	4.6kg	4.6kg	5.1kg
MRP	On Request	On Request	On Request

SMART Wireless Home / Office Automation Solution

Our smart wireless automation range has been created to make home or office automation simple, adaptable and easy to manage.

This solution provides complete energy efficiency along with security, convenience and control.

Once the system is installed a user can configure their entire automation system via an app. Once the configuration is complete, users can take complete control of their lighting, HVAC, security, blinds/curtains, music and a host of other devices and systems.



Systems	Code	List Price
Lights (4 Nos.)	SHA-I-01	65,000
Lights (4 Nos.) + Fan (1 No.)	SHA-I-02	85,000
Lights (4 Nos.) + Fan (1 No.) + AC (1 No.) + TV (1 No.)	SHA-I-03	1,25,000
Lights (4 Nos.) + Fans (1 No.) + AC (1 No.) + TV (1 No.) + Curtain (1 No.) + CCTV (1 No.)	SHA-I-04	2,25,000
Lights (4 Nos.) + Fans (1 No.) + AC (1 No.) + TV (1 No.) + Curtain (1 No.) + CCTV (1 No.) + Mobile App with IP address*	SHA-I-05	3,00,000

Channel Partner



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