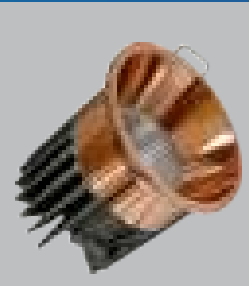




A Class of it's own...  
**TEKNOLITE**<sup>®</sup>  
LED Lighting

# Complete Solutions of **LED LIGHTING**

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



CATALOGUE  
**2023-24**



Indoor-Outdoor Architectural &  
Commercial Lighting Range...



## Growth history of Teknovision.....going on

Teknovision Allied Products was formed in Mumbai in the year of 1985 for manufacturing DC Tube lights and inverters for Buses and Trains. Our Inverters and Fittings for buses are approved by almost all city and state transport undertakings such as DTC Delhi, BEST Mumbai, AMTS Ahmedabad and Indian Railways. Our fittings are being used for buses for export to other countries.

In the year 1986 we started another manufacturing division to start manufacturing Rechargeable Solid State Emergency Lights with latest technology. Our Emergency Lights give trouble free operation for years with Solid State Fully Automatic Circuits. These Lights are being sold throughout country by our dealers and distributors network. Various Government and semi Government organization are in the list of our valued patrons for years.

In the year 1993, another manufacturing unit was started to manufacture Electronic Ballasts and Electronic Luminaries to achieve highest energy saving in the era of nation's energy crisis. Our Electronic Ballast and Luminaries have state of the art technology which give optimum energy saving i.e power factor of our ballasts are up to 0.99. We have wide range of Luminaries and ballasts to suit every need. We are supplying our ballasts regularly to various government organization directly or through our distributor network. Our Ballasts and luminaries are fully guaranteed for years.

In the year 2002, we were the first small sector organization who achieved ISO 9001-2000 which shows our commitment to quality and service.

In the year 2005, Teknolite started LED Lightings in big way. All LED Lightings manufactured in in-house facility. We have wide range of LED Lightings such as Indoor Lightings as well as outdoor Lightings. We have our own in house LED Driver manufacturing unit which produces high efficient drivers with maximum energy savings. Lights with state of art technology. Our panel lights give highest light output over the years. World class LED of Edison and Arcylic of Mitsubishi Japan has been used to achieve highest quality standards.

We have our own Die Cast Moulds for all type of LED Lightings. We have wide range of LED Street Light starting from 12W to 120W. We are supplying our LED Lightings to various Government & Semi Government Organizations.

We also supplying our LED Lightings to various private undertakings like Reliance Group, MightyGroup, Adlab Group etc. Teknolite has its own offices in Delhi, Ahmedabad and Surat. We have very Strong distributor network throughout India to cater any demand or after sales service. To cater our valued patrons in big way, Teknovision had been converted into private limited company in the year of 2012.

Furthermore we have more than 250 types of LED Products to cater every need of customer.





LED Lighting

# About LED Lighting

**Black Body / Black Body Radiation:** An object that absorbs all electromagnetic radiation that impinge on it. Because it lets no light pass back into it, appears black. As a black body is heated to near absolute zero, it radiates light in a spectrum of colors, from red to orange to yellow to white to blue, depending on its temperature. This color sequence describes a curve within which to choose, know as the Planck body curve.

**Black Body Curve:** A curve within a color space describing the sequence of colors emitted by a black body at a range of different temperatures.

**Brightness:** The attribute of a visual sensation according to which an area appears to emit more light or less light.

**Candela (cd):** The measuring unit of luminous intensity of a light source in a given direction. A light source may have different intensities depending upon being viewed from which the measurement is taken. The one candela is equal to the amount of light produced by a standard candle.

**Candlepower (cp):** Luminous intensity expressed in candelas. Traditionally used to measure the luminous intensity distribution of a reflector lamp or lighting fixture.

**Case Temperature:** The maximum temperature of the LED package or case.

**Center Beam Candle Power (CBCP):** The intensity of light produced at the center of a reflector beam source as in candelas.

**Chromaticity:** An objective specification of the quality of color regardless of its luminance.

**Coefficient of utilization (CU):** The ratio of luminous flux (lumens) calculated as received on the work plane to the total luminous flux (lumens) emitted by the lamps and the light equal to the product of room utilization coefficient and luminaires efficiency.

**Color Rendering Index (CRI):** An index from 0-100 measuring a light source's ability to render color accurately. Some lamps can have a CRI as low as 22 while general lighting lamps can have a CRI as high as 91. Any lamps rated below 80 CRI tend to be of good color rendering.

**Color Temperature:** The measure of the color appearance of a light source which describes the apparent warmth or coolness of that light source.

**Compact Fluorescent Lamp (CFL):** A small and energy efficient alternative to incandescent lamps, some of which have built-in ballasts and medium screw bases for replacement of incandescent lamps.

**Cones:** Retinal receptors that contribute the retinal response when the luminance level is high and provide the basis for the perception of color.

**Constant Current:** A circuit in which the current remains constant but the voltage may vary.

**Current:** A measure of the rate of flow of electricity, expressed in amperes.

**DALI (Digital Addressable Lighting Interface):** A digital communication protocol for controlling and dimming lighting fixtures and fully developed in Europe.

**Die-casting:** A metal casting process that is characterized by forcing molten metal under high pressure into a mold cavity. The mold cavity is created by two hardened tool steel dies which have been machined into a cavity and work similarity to an injection molding machine.

**Diffuser:** A device to redirect or scatter light from a source, primarily by the process of diffusion and refraction.

**DIM:** To reduce the luminance produced by a luminaire. The light intensity may be reduced (a) by the use of a dimmer switch or (b) by a dimming circuit.

**Dimmable:** A luminaire that is capable of being dimmed by dimming power.

**Dimmer:** An electronic device used to vary the lumen output of a lamp.

**Dim to Warm:** A products are suited for hospitality and entertainment venues such as hotels, restaurants, cafeterias and theatres, where there is a desire to mimic the behavior of incandescent lamps. When delivering maximum light output, the color is white. As when lighting is dimmed, the CCT drops to simulate a dimmed incandescent lamp. Light judges observed that the color quality in the dimmed product was still over 90% of the wavelength of the dimming range.

**Direct Current (DC):** A type of electrical current and distribution by which electricity flows in one direction through the conductive delivery system systems. An AC to DC converter is also Alternating Current.

**Direct Lighting:** Lighting involving luminaires that direct 90% to 100% of the emitted light in the general direction of the surface of the luminaire. An example is recessed lighting on a kitchen work surface.

**Down Light:** A small-diameter lighting luminaire that directs the light downward and can be recessed, surface mounted or suspended.

**Efficacy:** A measure of efficiency expressed as lumens per watt (lm-watt) or watt (lm-watt). It is light produced divided by power consumed. An acronym is lm/Watt.

**Emergency Lighting:** Lighting systems that apply luminaires designed to be used in the event of a power outage to provide illumination for safety.

**Energy Policy Act (EPACT):** Energy legislation passed in 1992 by the U.S. Congress. The law makes a variety of other changes in building lighting. It obligates sections of the legislation covers labeling and minimum energy efficiency standards (lumens/watt) for many commercial products including luminaires and ballasts for several years.

**ELV-type Dimmer:** An electronic low-voltage dimmer used to dim ELV lighting fixtures with electronic transformers.

**Extrusion:** A process used to create objects of a fixed cross-sectional profile. A material is pushed through a die of the desired cross-section.

**Field Angle:** The angle between the two directions for which the intensity is 10% of the maximum intensity as measured in a plane through the luminous beam center. For beams that do not possess rotational symmetry, the beam angle is generally given for two planes at 90 degrees, typically the maximum and minimum angles. Note that in certain fields of application, the angle between the 10%-intensity directions was formerly called beam angle.

**Flicker Index:** A measure of the cyclic variation in output of a light source. A high flicker index indicates a waviness in the light output. It is the rate of the area under the light output curve that is above the average light output level in the total area under the light output curve, divided by the area.

**Flicker Percentage (Flicker %):** A relative measure of the cyclic variation in output of a light source (as calculated above).

**Fluorescent Lamp:** A low-pressure mercury discharge lamp in which an electric discharge of a low-pressure mercury vapor excites a phosphor on the lamp glass and transforms some of that energy to visible light. Fluorescent lamps are manufactured in many different forms including linear fluorescent lamps, U-shaped and Coiled Compact Fluorescent lamps with circular bases. Fluorescent lamps typically require a ballast or electronic ballast to operate the lamp properly.

**Forward voltage:** The voltage across a diode junction at an operational current level. A diode that can be at forward voltage will be developed across the diode.

**Frequency:** The number of times an alternating current changes direction in one second from positive to negative and back to positive, expressed in Hertz (Hz).

**General Lighting:** Light fixtures that provide substantial uniform illumination throughout an area, exclusive of any provision for special local requirements.

**GLOBAL Track Adapter:** A four-pin circuit track adapter, compatible with GLOBAL or three circuit system (GLOBAL being some trademark of a particular aluminum).

**General illumination:** A lighting fixture measuring the overall light distribution characteristics of sources, luminaires, media, and surfaces.

**Halogen Lamp:** A high-pressure light bulb containing a gas discharge lamp containing Halogen gas that recycles tungsten back onto the filament surface. The Halogen cycle allows for higher efficacy, higher color temperature, and longer life cycles than incandescent lamps.

**Heat Sink:** A part of a thermal system that conducts or disperses heat away from a surface, component, and as a result, reduces its temperature.

**Herb (Hz):** A unit of frequency equal to one cycle per second (equivalent to 1000 cycles per second).

**High Power LED:** A high power LED semiconductor device capable of emitting a high power density of light.

**High Intensity Discharge Lamp (HID):** All gas-discharge lamps that emit light by a high-pressure gas discharge arc between electrodes. Examples include Mercury Vapor, Metal Halide, and High Pressure Sodium lamps. High Pressure Xenon lamps are a different type of HID lamp.



LED Lighting

# About LED Lighting

**4-Pin Type:** A track adapter compatible with Rail 3 wire (3 pin) track system (this is a registered trademark of Geacac Lighting).

**IC Downlight:** A downlight specifically designed to be installed in thermal materials, a direction indicator.

**Illuminance:**  $lm/m^2$  or  $cd/m^2$ . The area of light by the luminous flux divided by a unit of area.

**Illumination:** A colloquial, but deprecated, term for illuminance. It is sometimes used because illumination is subject to confusion with luminance and luminous efficacy when not clearly pronounced.

**Indirect Lighting:** Lighting involving luminaires that distribute 90% to 100% of the emitted light upward.

**Initial Lumens:** The luminous output of a new light source. Quantity of light output measured after 100 hours of operation in single or multi-lumen system (refer to datasheet).

**Inrush Current:** The current generated during the initial start-up of a lamp system. Inrush current can be several times higher than the operating current of a lamp.

**Integrating Sphere:** A hollow sphere whose internal surface is a diffuse reflector and is as spectrally non-selective as possible.

**Isoflux (Isoflux and Isoline):** A line plotted on any appropriate set of coordinates to show all the points on a surface where the illuminance is the same. A series of such lines for various illuminance values would be a flux or isoflux grid, degree.

**J-Type:** A track adapter compatible with Rail 4 pin (4 pin) track system (this is a registered trademark of Philips Lighting).

**Junction Box:** A box containing a junction of two wires or cables.

**Junction Temperature:** Junction temperature (noted as T<sub>j</sub>) is the temperature of the LED's semiconductor.

**Kelvin:** A unit of color temperature measurement. (See Correlated Color Temperature).

**Kilowatt (KW):** A measure of electric power equal to 1000 watts.

**Leadership in Energy & Environmental Design (LEED):** The U.S. Green Building Council's (USGBC) green building certification program that requires building owners or building managers to achieve different levels of certification.

**Leading Edge Dimmer:** A type of dimmer that regulates power to lamps by cutting off the leading edge of each half cycle of AC power. Compatible with many LED fixtures.

**LED Array or Module:** An assembly of light emitting diode (LED) packages, components, and/or on a printed circuit board or substrate, possibly with other components and additional thermal management, made either in a manner that is intended to connect to the rear side of an LED crystal, power source and ANSI standard base or, in some cases, into the device. The device cannot be connected directly to the branch circuit.

**LED Chip (Chip):** The light-producing semiconductor device that, by itself, will be incorporated into an LED.

**LED Driver:** A device composed of a power source and light emitting diode (LED) or an array specifically designed to operate an LED package (component), LED array (module) or an LED fixture.

**LED Light Engine:** An integrated assembly comprised of LEDs or LED arrays, LED driver, and thermal optical, thermal management, and electrical components.

**LED Luminaire:** A complete lighting unit consisting of light emitting diode (LED) based light emitting elements and a measured driver together with parts to distribute light, a junction, a cup of light emitting components and a junction heat sink (thermal resistor). The LED based light emitting elements may be in the form of LED packages (components), LED arrays (modules), and LED light engine (LED arrays). The LED luminaire is intended to be connected to a branch circuit.

**Lens:** A transparent element used to change the direction and size of the light output of light rays.

**Light distribution curves:** A three-dimensional graph describing the light distribution from a light source or a luminaire.

**Light efficiency of a luminaire:** A value given in  $lm/W$  based on the ratio of the luminous flux emitted by a luminaire to the energy contained by it.

**Light-Emitting Diode (LED):** An (light emitting diode) LED is a solid state semiconductor device that converts electrical energy directly into light. On its most basic level, a semiconductor is comprised of two regions. The p-region contains positive electron carriers while the n-region contains negative electron charges. When voltage is applied and current begins to flow, the electrons move across the n-region into the p-region. The process of an electron moving through the p-region releases energy. The dispersion of this energy produces photons of the same wavelength.

**Light Intensity (cd):** The amount of light falling on a given point. Lifetime: The estimated period before power degradation.

**LM-79:** Photometric test procedure for LEDs that contains information on color, lumens, color change and power consumption.

**LM-80:** Testing procedure for LEDs that contains information on the lifespan of the LED.

**L-Type:** A track adapter compatible with Light Rail 2 wire (2 pin) track system (L-type is a registered trademark of Philips Lighting).

**Lumens:** The international unit of measurement for light. A measurement of total quantity of light emitted from a source in all directions for a given unit of time. (See Initial Lumens and Mean Lumens).

**Lumens Per Watt (LPW, lm/W):** Efficiency. Lumens output divided by lamp watts consumed.

**Lumen Depreciation:** The decrease in lumen output of a light source over time. Unit:  $lm/h$ .

**Luminaire (Light Fixture):** A complete lighting unit consisting of a lamp(s) and ballast(s) (when applicable) together with the parts designed to distribute the light in position and protect the lamp(s) and ballast(s) from abuse. Lamp power.

**Operating Current:** Steady state current consumed by a lamp or luminaire.

**Phosphor:** An inorganic chemical compound processed into a powder and deposited on the inner glass surface of certain discharge lamps. Phosphors absorb short wavelength ultraviolet radiation and re-emit it as a visible light.

**Photobiological Hazard:** The possibility of injury due to optical radiation.

**Photobiology:** A branch of biology that deals with the effects of optical radiation on living systems.

**Photometer:** An instrument for measuring photometric quantities such as illuminance, luminous intensity, luminous flux, or illuminance.

**Planckian Black Body Locus:** The line on the CIE Chromaticity Diagram that describes the color temperature of a black body when heated.

**Power Factor (PF):** A measure of the effectiveness of which an electrical device converts an electric watts. Power factors can range from 0.6 to 1.0. A high power factor means that an electrical system is utilizing power efficiently. Devices with power factors of greater than one are considered high power factor. From approximately 1,000 to more than 10,000K.

**Projector:** A lighting fixture that typically illuminates a distance beyond a fixed light source. Limited solid angle so as to obtain a high value of illuminance intensity.

**Ra:** A new age value of color rendering index (CRI) which allows measuring a light source's ability to render color accurately.

**Reflection:** A general term for the process by which light is deflected from a (usually) surface or medium from the incident side without change in frequency.

**Reflectivity:** Reflectance of a layer or a medium, such as a dielectric, that increases with angle in reflectance with increase in thickness.

**Reflection Coefficient:** A coefficient that is normally used by designers of reflectors.

**SDCM:** Sidelobe deviation in a beam of light (SDCM).

**SMDs:** Surface mount LEDs.

High Lumens COB  
LED Down Lights

**JH**



**JH**

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5 - 0.9
Housing	: Aluminum

**Smart Lighting JH-TN**



Technical Details	JH8	JH12
Total Wattage	8 watt	12 watt
LED Lumens (6500k)	800Lm	1200Lm
Cut Out Size (mm)	Ø70	Ø70
Dimension (mm)	Ø60x36	Ø80x45
Beam Angle	50°	50°

**JH - CC : 3 IN 1 Colour change by Switch Operation Versions also available.**

High Lumens COB  
LED Down Lights

A Class of it's own...



LED Lighting

# TZF

Architectural  
PREMIUM SERIES



## TZF

Working Voltage Range	: 150-260VAC
Harmonics (THD)	: <20%
CRI	: >85
Power Factor	: >0.9
Housing	: Aluminum



Technical Details	TZF 12	TZF 20
Total Wattage	12 watt	20 watt
LED Lumens (6500k)	1200Lm	2000Lm
Cut Out Size (mm)	Ø68	Ø81
Dimension (mm)	Ø85x86	Ø100x100
Beam Angle	36°	36°

LM80  
Tested LED



IP20

*Maintained light output over the years.*

# High Lumens COB LED Down Lights

# JV

A Class of it's own...



LED Lighting



## JV

Working Voltage Range	: 150-260VAC
Harmonics (THD)	: <20%
CRI	: >85
Power Factor	: >0.9
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k

## Smart Lighting JV-TN

CCT change and Dimming by Remote & Teknolite app



2700K ↔ 6500K  
Dimming Range : 15%-100%, No need dimmer

Technical Details	JV4	JV8	JV12	JV15	JV20	JV30
Total Wattage	4 watt	8 watt	12 watt	15 watt	20 watt	30 watt
LED Lumens (6500k)	>400Lm	>880Lm	>1560Lm	>1950Lm	>2600Lm	>3900Lm
Cut Out Size (mm)	Ø42	Ø74	Ø82	Ø82	Ø100	Ø100
Dimension (mm)	Ø50x50	Ø80x70	Ø89x88	Ø89x100	Ø105x115	Ø105x115
BEam Angle	24°	36°	36°	36°	45°	45°

LM80  
Tested LED



Maintained light output over the years.

High Lumens COB  
LED Down Lights

A Class of it's own...



LED Lighting

**JX**



**JX**

Working Voltage Range	: 150-260VAC
Harmonics (THD)	: <20%
CRI	: >85
Power Factor	: >0.9
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k

**Smart Lighting JX-TN**

CCT change and Dimming by Remote & Teknolite app



2700K ↔ 6500K  
Dimming Range : 15%-100%,No need dimmer

Technical Details	JX8	JX12	JX15	JX20
Total Wattage	8 watt	12 watt	15 watt	20 watt
LED Lumens (6500k)	>880Lm	>1560Lm	>1950Lm	>2600Lm
Cut Out Size (mm)	Ø62	Ø70	Ø70	Ø100
Dimension (mm)	Ø73x58	Ø85x68	Ø85x80	Ø113x90
BEam Angle	36°	36°	36°	45°

LM80  
Tested LED



ENERGY  
SAVINGS  
80%



IP20

Maintained light output over the years.

High Lumens COB  
LED Down Lights

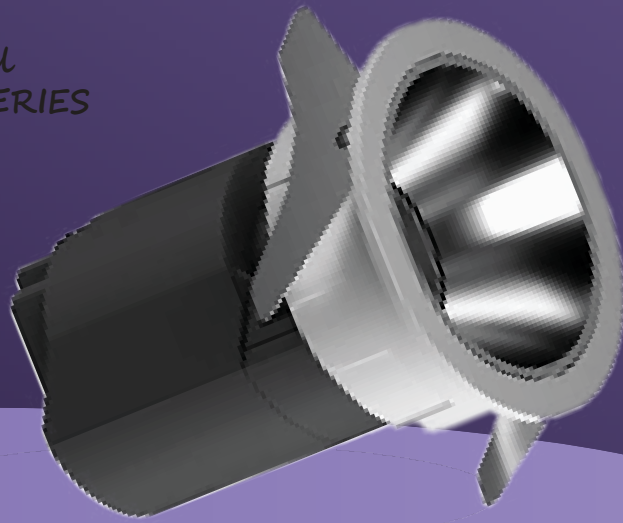
A Class of it's own...



LED Lighting

# MLE

Architectural  
PREMIUM SERIES



## MLE

Working Voltage Range	: 150-260VAC
Harmonics (THD)	: <20%
CRI	: >85
Power Factor	: >0.9
Housing	: Aluminum



Technical Details	MLE 8	MLE 12	MLE 15	MLE 20	MLE 25
Total Wattage	8 watt	12 watt	15 watt	20 watt	25 watt
LED Lumens (6500k)	800Lm	1200Lm	1500Lm	2000Lm	2500Lm
Cut Out Size (mm)	Ø50	Ø75	Ø75	Ø95	Ø95
Dimension (mm)	Ø60x73	Ø86x104	Ø86x104	Ø105x119	Ø105x119
Beam Angle	36°	36°	36°	36°	36°

LM80  
Tested LED



IP20

Maintained light output over the years.

# High Lumens COB LED Down Lights

## MV

A Class of it's own...



LED Lighting



### MV

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum



Technical Details	MV 8	MV 12	MV 15	MV 20
Total Wattage	7 watt	12 watt	15 watt	20 watt
LED Lumens (6500k)	800Lm	1200Lm	1500Lm	2000Lm
Cut Out Size (mm)	Ø60	Ø75	Ø75	Ø80
Dimension (mm)	Ø70x55	Ø85x65	Ø85x65	Ø95x82
Beam Angle	36°	36°	36°	36°
Reflector	Rose Gold	White	Nickel Black	

### Others Versions Available

MV : 3 in 1 Colour change  
CC : by switch operation

LM80  
Tested LED



EPICSTAR

LED CREE B.lux

IP20

Maintained light output over the years.

High Lumens COB  
LED Down Lights

# JDD

A Class of it's own...



LED Lighting



## JDD-TN

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5 - 0.9
Housing	: Aluminum



Technical Details	JDD12	JDD15	JDD20
Total Wattage	12 watt	15 watt	20 watt
LED Lumens (6500k)	1200Lm	1500Lm	2000Lm
Cut Out Size (mm)	Ø72	Ø90	Ø105
Dimension (mm)	Ø87x50	Ø105x50	Ø125x106
Beam Angle	24°	36°	36°

## Others Versions Available

JDD : 3 in 1 Colour change  
CC : by switch operation

LM80  
Tested LED



EPSTAR

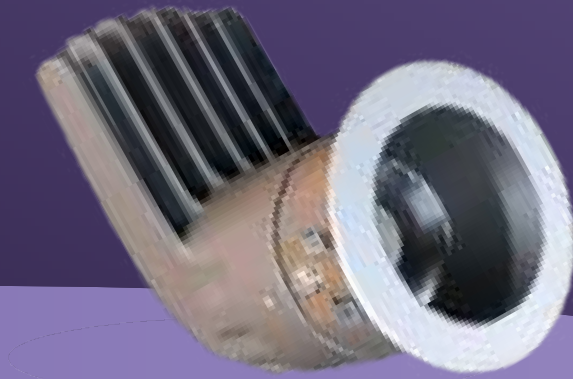
LED CREE B.lux

IP20

Maintained light output over the years.

High Lumens COB  
LED Down Lights

# FLAIRE



## FLAIRE

Working Voltage Range	: 150-260VAC
Harmonics (THD)	: <20%
CRI	: >85
Power Factor	: >0.9
Housing	: Aluminum

## Technical Details

## FLAIRE 10

Total Wattage	10 watt
LED Lumens (6500k)	1000Lm
Cut Out Size (mm)	Ø42
Dimension (mm)	Ø52x76
Beam Angle	36°

LM80  
Tested LED



EPiSTAR

LED  
CREE B.lux

IP20

*Maintained light output over the years.*

# High Lumens COB LED Down Lights



# TJ



## TJ

Working Voltage Range	: 150-260VAC
Harmonics (THD)	: <20%
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Body Colour	: Black / White

Technical Details	TJ 112	TJ 212	TJ 312	TJ 112RL
Total Wattage	12 watt	24 watt	36 watt	12 watt
LED Lumens (6500k)	1200Lm	2400Lm	3600Lm	1200Lm
Cut Out Size (mm)	Ø80mm	Ø80x160mm	Ø80x240mm	Ø80mm
Dimension (mm)	Ø60x95x95	Ø60x175x95	Ø60x255x95	Ø55x100
Beam Angle	38°	38°	38°	38°

LM80  
Tested LED



EPiSTAR

LED  
CREE B.lux

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*Maintained light output over the years.*

High Lumens COB  
LED Down Lights

# ZB



## ZB

Working Voltage Range	: 150-260VAC
CRI	: >80
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k

Technical Details	ZB1-Rd	ZB1-Sq	ZB3-Rd	ZB3-Sq
Total Wattage	1 watt	1 watt	3 watt	3 watt
LED Lumens (6500k)	>100Lm	>100Lm	>300Lm	>300Lm
Cut Out Size (mm)	Ø24	Ø24	Ø28	Ø28
Dimension (mm)	Ø30x25	30x30x25	Ø40x28	40x40x28



*Maintained light output over the years.*

High Lumens COB  
LED Down Lights

JN

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LED Lighting



JN

Working Voltage Range	: 150-260VAC
Harmonics (THD)	: <20%
CRI	: >85
Power Factor	: >0.9
Housing	: Aluminum

Smart Lighting JN-TN

CCT change and Dimming by Remote & Teknolite app



2700K ↔ 6500K  
Dimming Range : 15%-100%, No need dimmer

Technical Details	JN12	JN15
Total Wattage	12 watt	15 watt
LED Lumens (6500k)	>1560Lm	>1950Lm
Cut Out Size (mm)	Ø67	Ø67
Dimension (mm)	Ø75x65	Ø75x80
BEam Angle	36°	36°

LM80  
Tested LED



EPistar

LED CREE B.lux

IP20

Maintained light output over the years.

High Lumens COB  
LED Down Lights

# JCB

A Class of it's own...



LED Lighting



## JCB

Working Voltage Range	: 150-260VAC
Harmonics (THD)	: <20%
CRI	: >85
Power Factor	: >0.9
Housing	: Aluminum

## Smart Lighting JCB-TN

CCT change and Dimming by Remote & Teknolite app



2700K ↔ 6500K  
Dimming Range : 15%-100%, No need dimmer

Technical Details	JCB4	JCB8	JCB12	JCB15	JCB20
Total Wattage	4 watt	8 watt	12 watt	15 watt	20 watt
LED Lumens (6500k)	>400Lm	>880Lm	>1560Lm	>1950Lm	>2600Lm
Cut Out Size (mm)	Ø42	Ø67	Ø75	Ø80	Ø85
Dimension (mm)	Ø50x50	Ø79x70	Ø85x80	Ø90x80	Ø113x90
BEam Angle	36°	36°	36°	36°	45°

LM80  
Tested LED



EPSTAR

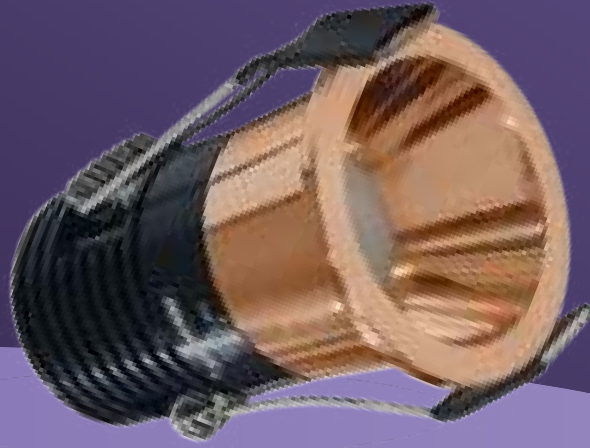
LED CREE B.lux

IP20

Maintained light output over the years.

High Lumens COB  
LED Down Lights

# TS



## TS

Working Voltage Range	: 150-260VAC
Harmonics (THD)	: <20%
CRI	: >85
Power Factor	: >0.9
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k



Technical Details	TS7	TS12	TS15	TS20
Total Wattage	7 watt	12 watt	15 watt	20 watt
LED Lumens (6500k)	>500Lm	>1560Lm	>1950Lm	>2600Lm
Cut Out Size (mm)	Ø32	Ø55	Ø70	Ø100
Dimension (mm)	Ø40x62	Ø60x90	Ø85x80	Ø113x90
BEam Angle	24°	36°	36°	45°

LM80  
Tested LED



EPSTAR

LED CREE B.lux

IP20

Maintained light output over the years.

# High Lumens COB LED Down Lights

A Class of it's own...



LED Lighting

## JMC



### JMC

Working Voltage Range	: 150-260VAC
Harmonics (THD)	: <20%
CRI	: >85
Power Factor	: >0.9
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k

### JMC-TN

Working Voltage Range	: 150-260VAC
Harmonics (THD)	: <20%
CRI	: >85
Power Factor	: >0.5-0.9
Housing	: Aluminum



Technical Details	JMC10	JMC20	JMC30
Total Wattage	10 watt	20 watt	30 watt
LED Lumens (6500k)	>1300Lm	>2600Lm	>3900Lm
Cut Out Size (mm)	Ø65	Ø68	Ø105
Dimension (mm)	Ø85x82	Ø90x85	Ø120x100
BEam Angle	40°	40°	60°

LM80  
Tested LED



ENERGY  
SAVINGS  
80%

EPSTAR

LED  
CREE® B.lux

IP20

Maintained light output over the years.

High Lumens COB  
LED Down Lights



# PENCIL

Architectural  
PREMIUM SERIES



## PENCIL

Working Voltage Range	:	150-260VAC
Harmonics (THD)	:	<20%
CRI	:	>85
Power Factor	:	>0.9
Housing	:	Aluminum

Technical Details	PC5	PC10
Total Wattage	5 watt	10 watt
LED Lumens (6500k)	500Lm	1000Lm
Cut Out Size (mm)	Ø30	Ø40
Dimension (mm)	Ø35x90	Ø44x100
Beam Angle	36°	36°

LM80  
Tested LED



IP20

Maintained light output over the years.

# High Lumens COB LED Down Lights



## CB

Architectural  
PREMIUM SERIES



**IP 54  
Rating**

**CB**

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5 - 0.9
Housing	: Pure Aluminum
Colour Temperature	: 3000k/4000k/6500k

**Best suitable for Bathroom and Wet Areas**

Technical Details	CB 8	CB 12
Total Wattage	8 watt	12 watt
LED Lumens (6500k)	800Lm	1200Lm
Cut Out Size (mm)	Ø55	Ø75
Dimension (mm)	Ø62x56	Ø83x60
Beam Angle	36°	36°

**CB - CC models are also available on request.**

LM80  
Tested LED



IP20

*Maintained light output over the years.*

High Lumens COB  
LED Down Lights

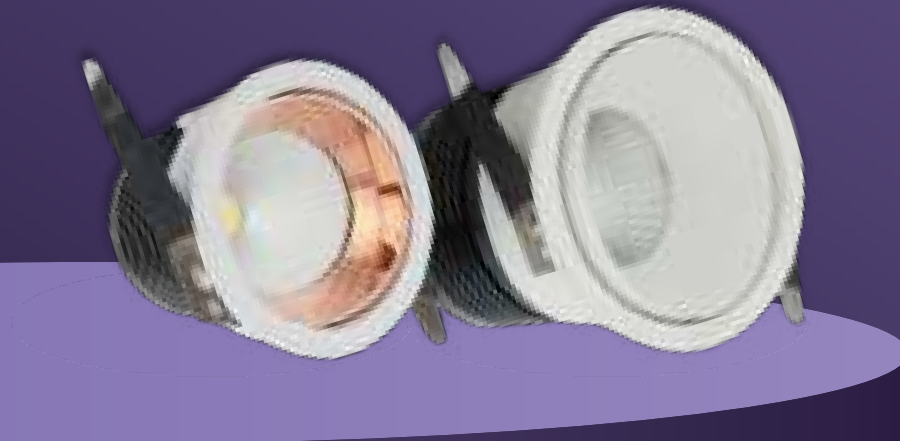
A Class of it's own...



LED Lighting

# MLC

HIGH  
QUALITY SERIES



## MLC

Working Voltage Range	: 150-260VAC
Harmonics (THD)	: <20%
CRI	: >85
Power Factor	: >0.9
Housing	: Pure Aluminum
Colour Temperature	: 3000k/4000k/6500k

## Smart Lighting MLC-TN



Technical Details	MLC 12	MLC 20
Total Wattage	12 watt	20 watt
LED Lumens (6500k)	1200Lm	2000Lm
Cut Out Size (mm)	Ø60	Ø82
Dimension (mm)	Ø70x60	Ø80x90
Beam Angle	36°	36°

LM80  
Tested LED



EPistar

LED CREE B.lux

IP20

Maintained light output over the years.

High Lumens COB  
LED Down Lights

# STELLA

ARCHITECTURAL  
LUXURY SERIES

A Class of it's own...



LED Lighting

**Stella  
Reflector**



**Stella  
Black hole**



**Stella  
Snout**



## STELLA

Working Voltage Range	: 150-260VAC
Harmonics (THD)	: <20%
CRI	: >85
Power Factor	: >0.9
Housing	: Pure Aluminum
Colour Temperature	: 3000k/4000k/6500k

## Technical Details

	Stella Reflector	Stella Black hole	Stella Snout
Total Wattage	12 watt	12 watt	12 watt
LED Lumens (6500k)	1200Lm	1200Lm	1200Lm
Cut Out Size (mm)	Ø75	Ø75	Ø75
Dimension (mm)	Ø85x57	Ø85x57	Ø85x70
Beam Angle	36°	36°	36°

STELLA - TN/CC models are also available on request.

LM80  
Tested LED



EPistar

LED  
CREE Blux

IP20

Maintained light output over the years.

High Lumens COB  
LED Down Lights

# STELLA

ARCHITECTURAL  
LUXURY SERIES



**Stella  
Acrylic**



**Stella  
Frameless**



**Stella  
Single Square**



## STELLA

Working Voltage Range	: 150-260VAC
Harmonics (THD)	: <20%
CRI	: >85
Power Factor	: >0.9
Housing	: Pure Aluminum
Colour Temperature	: 3000k/4000k/6500k

## Technical Details

	Stella Acrylic	Stella Frameless	Stella Single square
Total Wattage	12 watt	12 watt	12 watt
LED Lumens (6500k)	1200Lm	1200Lm	1200Lm
Cut Out Size (mm)	Ø75	Ø75	75x75
Dimension (mm)	Ø85x73	Ø106x57	Ø85x62
Beam Angle	24°	36°	36°

STELLA - TN/CC models are also available on request.

LM80  
Tested LED



EPISTAR

LED CREE B.lux

IP20

Maintained light output over the years.

High Lumens COB  
LED Down Lights

# STELLA

ARCHITECTURAL  
LUXURY SERIES

A Class of it's own...



LED Lighting

**Stella  
Double Square**



**Stella  
Embedded**



## STELLA

Working Voltage Range	: 150-260VAC
Harmonics (THD)	: <20%
CRI	: >85
Power Factor	: >0.9
Housing	: Pure Aluminum
Colour Temperature	: 3000k/4000k/6500k

## Technical Details

	Stella Double square	Stella Embedded
Total Wattage	12 watt	12 watt
LED Lumens (6500k)	1200lm	1200lm
Cut Out Size (mm)	150x75	Ø55
Dimension (mm)	Ø160x85	Ø104x65
Beam Angle	36°	36°

STELLA - TN/CC models are also available on request.

LM80  
Tested LED



EPISTAR

LED CREE Blux

IP20

Maintained light output over the years.

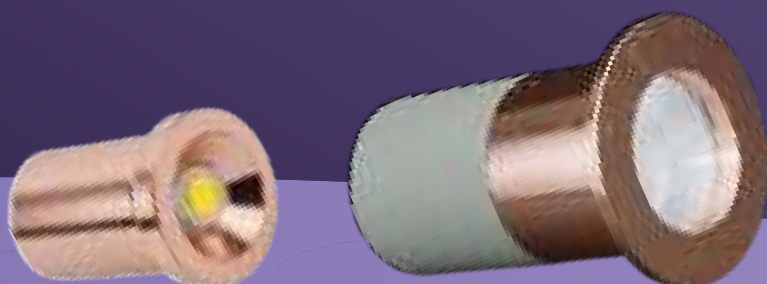
# LED Down Lights

# RDL

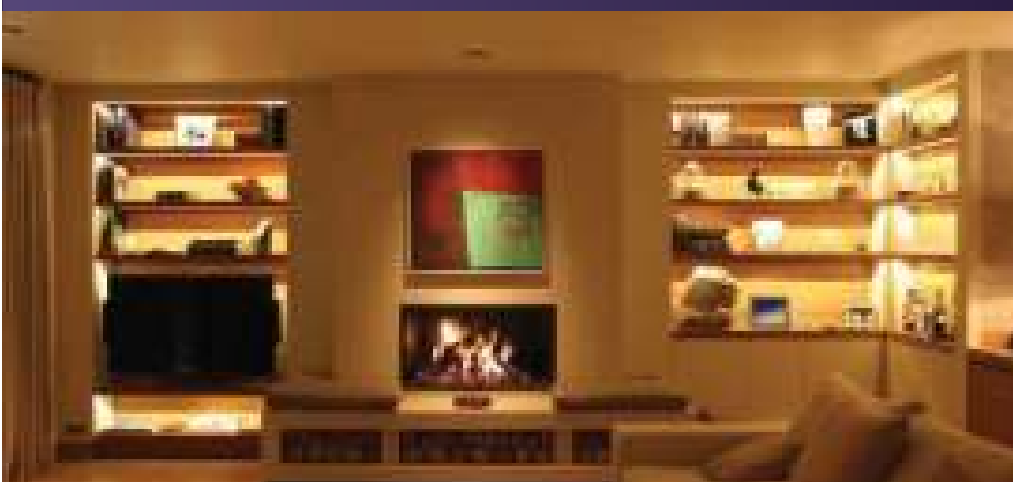
A Class of it's own...



LED Lighting



*Rose Gold  
Nickel Black*



## RDL

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum

Technical Details	RDL 1	RDL 3	RDL 7	RDL 10
Total Wattage	1 watt	3 watt	7 watt	10 watt
LED Lumens (6500k)	80Lm	240Lm	560Lm	800Lm
Cut Out Size (mm)	Ø18	Ø32	Ø43	Ø43
Dimension (mm)	Ø20x22	Ø34x35	Ø48x61	Ø48x61
Beam Angle	36°	36°	36°	36°

LM80  
Tested LED



Up to 70,000 Hrs.



IP20

*Maintained light output over the years.*

High Lumens COB  
LED Down Lights

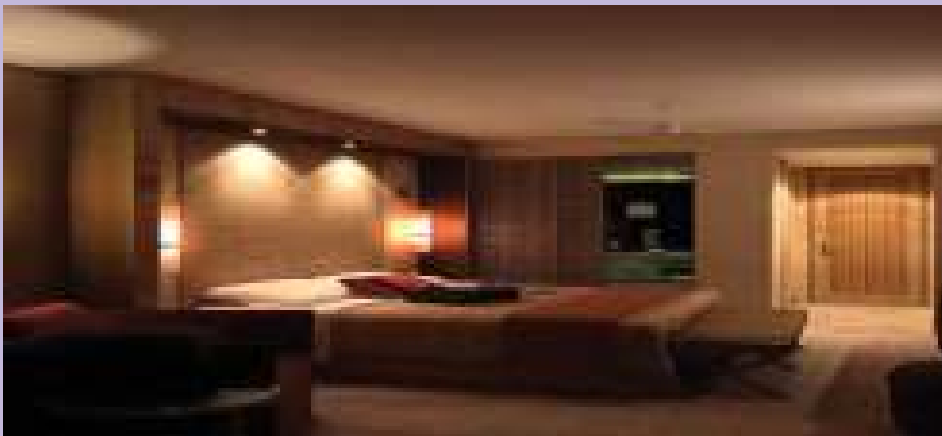
A Class of it's own...



LED Lighting

**RF**

ECO SERIES



**RF**

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum

Technical Details	RF 15	RF 20	RF 25	RF 30	RF 50
Total Wattage	15 watt	20 watt	25 watt	30 watt	50 watt
LED Lumens (6500k)	1500Lm	2000Lm	2500Lm	3000Lm	5000Lm
Cut Out Size (mm)	Ø105	Ø105	Ø105	Ø135	Ø145
Dimension (mm)	Ø120x75	Ø120x75	Ø120x75	Ø145x90	Ø160x100
Beam Angle	38°	60°	60°	60°	60°

**RF - TN/CC Versions are also available on request.**



*Maintained light output over the years.*

# High Lumens COB LED Down Lights RL

A Class of it's own...



## RL

Working Voltage Range	: 150-260VAC
Harmonics (THD)	: <20%
CRI	: >85
Power Factor	: >0.9
Housing	: Aluminum

Technical Details	RL12	RL20
Total Wattage	12 watt	20 watt
LED Lumens (6500k)	>1560Lm	>2600Lm
Cut Out Size (mm)	Ø73	Ø84
Dimension (mm)	Ø73x90	Ø84x110
BEam Angle	36°	36°

RL - TN/CC Versions are also available on request.

LM80  
Tested LED



EPistar

LED  
CREE Blux

IP20

Maintained light output over the years.

High Lumens COB  
LED Down Lights  
**ES**

ARCHITECTURAL  
WALL WASHER

A Class of it's own...



LED Lighting



**ES-128**

Working Voltage Range	: 150-260VAC
Harmonics (THD)	: <20%
CRI	: >85
Power Factor	: >0.9
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k

Technical Details	ES128
Total Wattage	12 watt
LED Lumens (6500k)	>1560lm
Cut Out Size (mm)	Ø85
Dimension (mm)	Ø95x120
BEam Angle	36°

LM80  
Tested LED



EPistar

LED  
CREE B.lux

IP20

*Maintained light output over the years.*

High Lumens COB  
LED Down Lights  
**ES**



**Smart Lighting ES-TN**

CCT change and Dimming by Remote & Teknolite app



2700K ← → 6500K  
Dimming Range : 15%-100%, No need dimmer

Technical Details	ES126	ES126D
Total Wattage	12 watt	24 watt
LED Lumens (6500k)	>1560Lm	>3120Lm
Cut Out Size (mm)	95x95	195x95
Dimension (mm)	105x105x120	205x105x120
BEam Angle	36°	36°

RL TN/CC Versions are also available on request.



*Maintained light output over the years.*

# High Lumens COB LED Down Lights

# BB

Multi Purpose  
COB DOWN LIGHTS

A Class of it's own...



LED Lighting

## BB - HP Version

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.9
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k



## Smart Lighting BB-TN

CCT change and Dimming by Remote & Teknolite app

Pull out & 360 Rotation



2700K ← → 6500K

Dimming Range : 15% - 100%, No need dimmer

Technical Details	BB12	BB12	BB107	BB207	BB112	BB212
Total Wattage	12 watt	24 watt	24 watt	24 watt	24 watt	24 watt
LED Lumens (6500k)	>1560Lm	>3120Lm	>3120Lm	>3120Lm	>3120Lm	>3120Lm
Cut Out Size (mm)	95x95	195x95	195x95	195x95	195x95	195x95
Dimension (mm)	105x105x120	205x105x120	205x105x120	205x105x120	205x105x120	205x105x120
BEam Angle	36°	36°	36°	36°	36°	36°

BB - CC Versions are also available on request.

LM80  
Tested LED



Up to 70,000 Hrs.



ENERGY SAVINGS  
80%



IP20

Maintained light output over the years.

High Lumens COB  
LED Down Lights

**JR**  
ECO SERIES

A Class of it's own...



LED Lighting



**JR**

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k
LED	: EPISTAR

Technical Details	JR4	JR5	JR6	JR10	JR15	JR25
Total Wattage	4 watt	5 watt	6 watt	10 watt	15 watt	25 watt
LED Lumens (6500k)	>400Lm	>500Lm	>600Lm	>1350Lm	>1650Lm	>2750Lm
Cut Out Size (mm)	Ø50	Ø70	Ø70	Ø87	Ø115	Ø128
Dimension (mm)	Ø66x40	Ø8x43	Ø85x52	Ø105x67	Ø	Ø160x70
BEam Angle	38°	38°	38°	38°	38°	38°

LM80  
Tested LED



EPISTAR

LED CREE B.lux

IP20

Maintained light output over the years.

High Lumens COB  
LED Down Lights

A Class of it's own...



LED Lighting

RS



Smart Lighting RS-TN

CCT change and Dimming by Remote & Teknolite app



2700K ↔ 6500K

Dimming Range : 15%-100%,No need dimmer

Technical Details	RS12	RS20	RA30	RS36	RS58
Total Wattage	12 watt	20 watt	30 watt	36 watt	58 watt
LED Lumens (6500k)	>1560Lm	>2600Lm	>3900Lm	>3900Lm	>3900Lm
Cut Out Size (mm)	Ø67	Ø95	Ø115	Ø80	Ø85
Dimension (mm)	Ø86x75	Ø102x80	Ø146x120	Ø90x80	Ø113x90
BEam Angle	40°	40°	60°	36°	45°

RS - CC : 3 IN 1 Colour change by Switch Operation Versions also available.



Maintained light output over the years.

# LED Down Lights

A Class of it's own...



LED Lighting

## RZR LINEAR LIGHTS

RZR0510

RZR1020

RZR1530



### RZR

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5 - 0.9
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k
Body Colour	: White/Black

Technical Details	RZR0510	RZR1020	RZR1530
Total Wattage	10 watt	20 watt	30 watt
LED Lumens (6500k)	>1000Lm	>2000Lm	>3000Lm
Cut Out Size (mm)	33x33	93x33	135x33
Dimension (mm)	45x45x50	105x45x50	147x45x50

LM80  
Tested LED



ENERGY  
SAVINGS  
80%



IP20

Maintained light output over the years.

High Lumens COB  
LED Down Lights

RC

A Class of it's own...



LED Lighting



SUITABLE FOR  
RETAIL SHOWROOMS

Technical Details	RC 12	RC 24	RC
Total Wattage	12 watt	24 watt	Working Voltage Range : 150-260VAC
LED Lumens (6500k)	1200Lm	2400Lm	Harmonics (THD) : <20%
Cut Out Size (mm)	Ø60	Ø86	CRI : >85
Dimension (mm)	Ø82x62	Ø110x87	Power Factor : >0.9
Beam Angle	36°/50°	36°/50°	Housing : Aluminum

LM80  
Tested LED



Up to 70,000 Hrs.



ENERGY  
SAVINGS  
80%



IP20

Maintained light output over the years.

High Lumens COB  
LED Down Lights



# DV&DX



## DV&DX

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k



## DV&DX-CC Versions

CC (3 in 1) Color change by Switch.



3000k                      4000k                      6000k

DV & DX CC Versions Available from 8W-30W

Technical Details	DV4	DV8	DV12	DV15	DV20	DV30
	DX4	DX8	DX12	DX15	DX20	DX30
Total Wattage	4 watt	8 watt	12 watt	15 watt	20 watt	30 watt
LED Lumens (6500k)	>400Lm	>880Lm	>1560Lm	>1950Lm	>2600Lm	>3900Lm
Cut Out Size (mm)	Ø42	Ø74	Ø82	Ø82	Ø100	Ø100
Dimension (mm)	Ø50x50	Ø80x70	Ø89x88	Ø89x100	Ø105x115	Ø105x115
BEam Angle	24°	36°	36°	36°	45°	45°

LM80  
Tested LED



*Maintained light output over the years.*

# LED Panel Lights



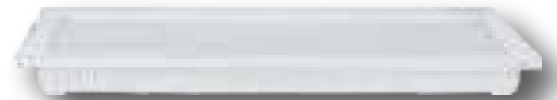
## LB Square



### LB

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.9
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k
Type LED	: SMD (4 Slide)
Diffuser	: Anti glare
LGP	: Mitsubishi

## Smart Lighting LB-TN



CCT change and Dimming by Remote & Teknolite app

3000K ← → 6000K

Technical Details	LB8	LB12	LB15	LB18	LB22
Total Wattage	8 watt	12 watt	15 watt	18 watt	22 watt
LED Lumens (6500k)	>1040Lm	>1560Lm	>1950Lm	>2600Lm	>3120Lm
Cut Out Size (mm)	82x82	115x115	133x133	164x164	187x187
Dimension (mm)	92x92x23	125x125x23	147x147x23	175x175x23	200x200x23

LB - CC Versions are also available on request.

LM80  
Tested LED



B.lux

IP20

Maintained light output over the years.

# LED Panel Lights

A Class of it's own...



LED Lighting

# LB

Round



## LB

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.9
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k
Type LED	: SMD (4 Slide)
Diffuser	: Anti glare
LGP	: Mitsubishi

## Smart Lighting

### LB-TN

CCT change and Dimming by Remote & Teknolite app



3000K ← → 6000K

Technical Details	LB8	LB12	LB15
Total Wattage	8 watt	12 watt	15 watt
LED Lumens (6500k)	>1040Lm	>1560Lm	>1950Lm
Cut Out Size (mm)	Ø87	Ø116	Ø155
Dimension (mm)	Ø93x23	Ø125x23	Ø163x23

LB - CC Versions are also available on request.

LM80  
Tested LED



B.lux

IP20

Maintained light output over the years.

# LED Panel Lights

A Class of it's own...



LED Lighting

## LB



### LB

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.9
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k
Type LED	: SMD (4 Slide)
Diffuser	: Anti glare
LGP	: Mitsubishi



Technical Details	LB36	LB47
Total Wattage	36 watt	47 watt
LED Lumens (6500k)	>4680Lm	>6110Lm
Dimension (mm)	595x595x25	595x595x25

LB - CC Versions are also available on request.

LM80  
Tested LED



Up to 70,000 Hrs.



B.lux

IP20

Maintained light output over the years.

# LED Panel Lights

A Class of it's own...



LED Lighting

## LZP

Square

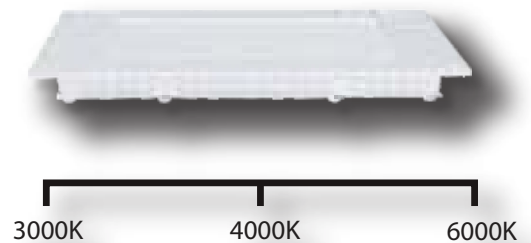


### LZP

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k
Type LED	: SMD (4 Slide)
Diffuser	: Anti glare
LGP	: Mitsubishi ( Japan )

## LZP-CC

CC : 3 IN 1 Colour change by Switch Operation



Technical Details	LZP8	LZP12	LZP15	LZP22
Total Wattage	8 watt	12 watt	15 watt	22 watt
LED Lumens (6500k)	>1040Lm	>1560Lm	>1950Lm	>2860Lm
Cut Out Size (mm)	92x92	125x125	143x143	195x195
Dimension (mm)	108x108x22	150x150x22	168x168x22	220x220x22

LM80  
Tested LED



B.lux

IP20

Maintained light output over the years.

# LED Panel Lights

A Class of it's own...



LED Lighting

## LZP

Round



### LZP

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k
Type LED	: SMD (4 Slide)
Diffuser	: Anti glare
LGP	: Mitsubishi ( Japan )

### LZP-CC

CC : 3 IN 1 Colour change by Switch Operation



Technical Details	LZP8	LZP12	LZP15	LZP22
Total Wattage	8 watt	12 watt	15 watt	22 watt
LED Lumens (6500k)	>1040Lm	>1560Lm	>1950Lm	>2860Lm
Cut Out Size (mm)	Ø91	Ø120	Ø165	Ø 225
Dimension (mm)	Ø108x22	Ø150x22	Ø180x22	Ø240x22

LM80  
Tested LED



B.lux

IP20

Maintained light output over the years.

# LED Panel Lights

A Class of it's own...



LED Lighting

## LB SF



### LB-SF

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k
Type LED	: SMD (4 Slide)
Diffuser	: Anti glare
LGP	: Mitsubishi ( Japan )



Technical Details	LB8SF Square	LB15SF	LB15SF	LB24SF	LB30SF
Total Wattage	8 watt	15 watt	15 watt	24 watt	30 watt
LED Lumens (6500k)	>1040Lm	>1950Lm	>1950Lm	>3120Lm	>3900Lm
Dimension (mm)	83x83x25	135x135x30	Ø150x30	187x187x30	300x300x30

LM80  
Tested LED



B.lux

IP20

Maintained light output over the years.

# LED Panel Lights

A Class of it's own...



LED Lighting

# LZR



## LZR

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k
Type LED	: SMD (4 Slide)
Diffuser	: Anti glare
LGP	: Mitsubishi ( Japan )



Technical Details	LZR16 Round	LZR16 Square	LZR24 Round	LZR24 Square	LZR32 Round	LZR32 Square
Total Wattage	16 watt	16 watt	24 watt	24 watt	32 watt	32 watt
LED Lumens (6500k)	>1600Lm	>1600Lm	>2400Lm	>2400Lm	>3200Lm	>3200Lm
Cut Out Size (mm)	Ø108	95x95	Ø145	135x135	Ø165	158x158
Dimension (mm)	Ø120x40	120x120x40	Ø170x40	170x170x40	Ø220x40	220x220x40

LM80  
Tested LED



Up to 70,000 Hrs.



ENERGY  
SAVINGS  
UP TO 80%

B.lux

IP20

Maintained light output over the years.

# LED Panel Lights

A Class of it's own...



LED Lighting

# RLD



## RLD

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.9
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k
Type LED	: SMD
Diffuser	: Anti glare

## Smart Lighting

## RLD-TN



CCT change and Dimming by Remote & Teknolite app

3000K ↔ 6500K

Dimming Range : 15% - 100%, No need dimmer

Technical Details	RLD12 Round	RLD12 Square	RLD18 Round	RLD18 Square	RLD22 Round	RLD22 Square
Total Wattage	12 watt	12 watt	18 watt	18 watt	22 watt	22 watt
LED Lumens (6500k)	>1560Lm	>1560Lm	>2340Lm	>2340Lm	>3120Lm	>3120Lm
Cut Out Size (mm)	∅108	95x95	∅145	135x135	∅165	158x158
Dimension (mm)	∅118x50	110x110x55	∅155x27	145x145x57	∅175x60	170x170x60

LB - CC Versions are also available on request.

LM80  
Tested LED



B.lux

IP20

Maintained light output over the years.

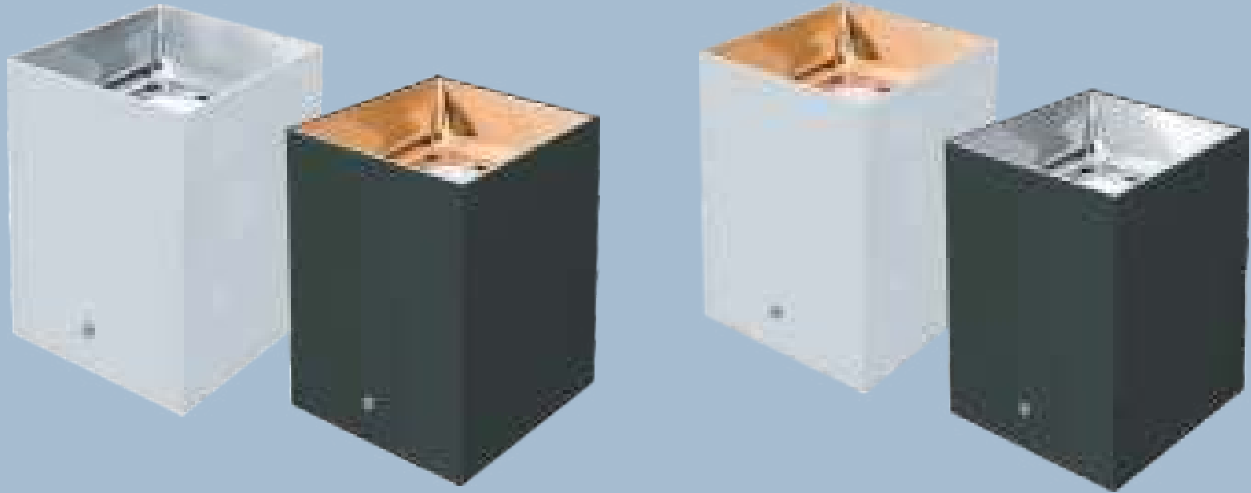
High Lumens COB  
LED Spot Surface Moving Lights

A Class of it's own...



LED Lighting

**SJ**



**SJ**

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5 - 0.9
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k
Reflector	: Rose Gold, Chrome, Nickel black, White & Black

**Body Colour**

White  Black

Technical Details	SJ8	SJ12
Total Wattage	8 watt	12 watt
LED Lumens (6500k)	>880Lm	>1560Lm
Dimension (mm)	53x53x72	75x75x95
Beam Angle	36	36

LM80  
Tested LED



IP20

*Maintained light output over the years.*

High Lumens COB  
LED Surface & Hanging Cylinder Lights



# SFC



**SFC**



**PDL**



**PDL - Hanging Kit**



**Available Colours in Reflectors**



**SFC/PDL**

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5/0.9
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k

**Body Colour**



CC Versions also available on request

Technical Details	SFC605 PDL605	SFC606 PDL606	SFC607 PDL607	SFC616 PDL616
Total Wattage	5 watt	7 watt	12 watt	12 watt
LED Lumens (6500k)	>500Lm	>700Lm	>1560Lm	>1560Lm
Dimension (mm)	Ø55x75	Ø55x100	Ø55x150	Ø75x100
Beam Angle	36°	36°	36°	36°

High Lumens COB  
LED Track & Surface Lights



# BT

Architectural  
360 Moving Surface Lights



## BT

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum + Pc
Colour Temperature	: 3000k/4000k/6500k

360° Body Colour  
 White  Black

## Smart Lighting BT-TN

CCT change and Dimming by Remote & Teknolite app



3000K ↔ 6500K  
Dimming Range : 15% - 100%, No need dimmer

Technical Details	BT15 Surface	BT15 Track
Total Wattage	15 watt	15 watt
LED Lumens (6500k)	>1950Lm	>1950Lm
Dimension (mm)	100x105	100x135
Beam Angle	38°	38°

## More Versions available

BT : 3 in 1 Colour change  
CC : by switch operation

LM80  
Tested LED

Up to 70,000 Hrs.

ENERGY SAVINGS  
80%

LED  
EPISTAR

Blux

IP20

Maintained light output over the years.

High Lumens COB  
LED Surface Lights



# SFC8318

*Architectural  
Finish Cylinder*



IP 54 RATING WATER RESISTANT



## SFC8318

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.9
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k

### Body Colour

White  Black

Technical Details	SFC8318	SFC8318
Total Wattage	12 watt	15 watt
LED Lumens (6500k)	1200Lm	1500Lm
Cut Out Size (mm)	Ø75	Ø75
Dimension (mm)	Ø82x88	Ø82x88
Beam Angle	36°	36°
IP Rating	IP54	IP54

LM80  
Tested LED



Blux

*Maintained light output over the years.*

High Lumens COB  
LED Spot Lights



**RCB**

**TY**

**JY**



Technical Details	RCB 3	RCB 5	JY 3	TY 7
Total Wattage	3 watt	5 watt	3 watt	7 watt
LED Lumens (6500k)	300Lm	500Lm	300Lm	700Lm
Cut Out Size (mm)	Ø32	Ø31	Ø29	Ø35
Dimension (mm)	Ø40x35	Ø43x40	Ø37x25	Ø40x56
Beam Angle	36°	36°	36°	36°

Technical Specifications	
Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k
LED	: EPISTAR
Driver	: External Driver

T



IP20

*Maintained light output over the years.*

High Lumens COB  
LED Track Lights



# FLUX

High Quality  
PREMIUM SERIES

VERY  
High Quality  
PREMIUM SERIES



## FLUX

Working Voltage Range	: 150-260VAC
Harmonics (THD)	: <20%
CRI	: >85
Power Factor	: >0.9
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k

*Track lights with High Quality Aluminum Rings & back panel in Various Metallic Finish*

Technical Details	FLUX12	FLUX20	FLUX30	FLUX36
Total Wattage	12 watt	20 watt	30 watt	36watt
LED Lumens (6500k)	1200Lm	2000Lm	3000Lm	3600Lm
Beam Angle	24°	36°	36°	36°
Dimension (mm)	Ø70x100	Ø75x125	Ø90x140	Ø90x140

Other Beam Angle aslo available

Reflector & Back Plate finish : Rose Gold, Silver , Nickel Black

**FLUX CC & TN Versions also available.**



*Maintained light output over the years.*

# LED Track Lights

A Class of it's own...



LED Lighting

# TYRA



## TYRA

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5 - 0.9
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k
Body Colour	: Black/White

Technical Details	TYRA12	TYRA20	TYRA30	TYRA36
Total Wattage	12 watt	20 watt	30 watt	36 watt
LED Lumens (6500k)	1200Lm	2000Lm	3000Lm	3600Lm
Beam Angle	36°	36°	36°	36°
Dimension (mm)	Ø70x100	Ø75x125	Ø90x140	Ø90x140

Other Beam Angles aslo available on request.



LED CREE B.lux IP20

*Maintained light output over the years.*

LED Track Lights

A Class of it's own...



LED Lighting

# TRK-FR



## TRK

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5 - 0.9
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k
Body Colour	: Black/White

## Technical Details

## TRK30FR

Total Wattage 30 watt

LED Lumens (6500k) 3000Lm

Beam Angle 36°

Dimension (mm) Ø90x140



Up to 70,000 Hrs.



ENERGY SAVINGS 80%



LED CREE



Blux



IP20

Maintained light output over the years.

# LED Track Lights

A Class of it's own...



LED Lighting

# Magnetic



## MG

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5 - 0.9
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k
Body Colour	: Black/White

Technical Details	MG20	MG30
Total Wattage	20 watt	30 watt
LED Lumens (6500k)	2000Lm	3000Lm
Beam Angle	36°	36°
Dimension (mm)	Ø75x125	Ø90x140

Other Beam Angle aslo available



LED CREE Blux IP20

Maintained light output over the years.

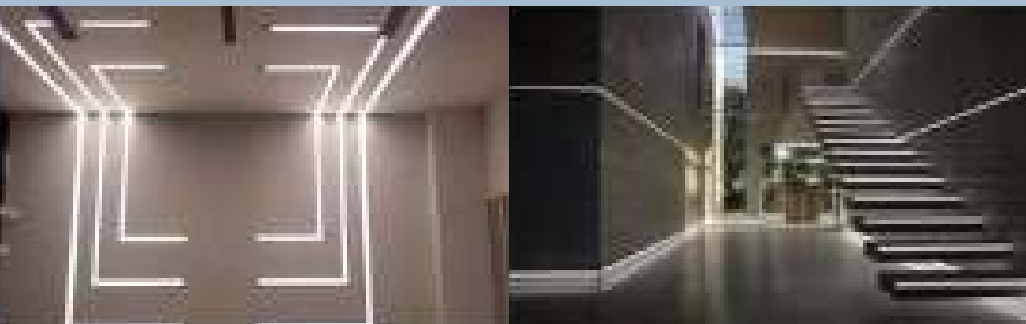
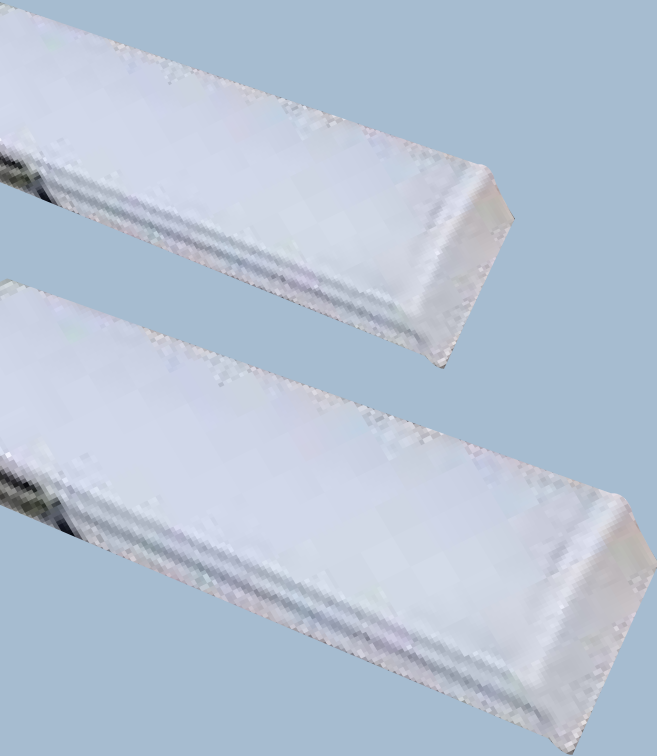
# LED Cabinet Lights

A Class of it's own...



LED Lighting

# PS



## PS

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k
Type LED	: SMD

Technical Details	PS 108	PS 212	PS 318
Total Wattage	8 watt	12 watt	18 watt
LED Lumens (6500k)	>800Lm	>1200Lm	>1800Lm
Dimension (mm)	8x17mm	8x17mm	8x17mm
Length (mm)	300 mm	600 mm	900 mm

PS - CC Versions are also available on request.

LM80  
Tested LED



B.lux IP20

*Maintained light output over the years.*

# LED Tube Lights

A Class of it's own...



## TLSF

Decorative Tube

High Bright & High Power



### TLSF

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum Batten
Colour Temperature	: 3000k/4000k/6500k
Type LED	: SMD
Diffuser	: Optic (Anti Glare)

Technical Details	TL15SF	TL20SF	TL36SF
Total Wattage	15 watt	20 watt	36 watt
LED Lumens (6500k)	>1950Lm	>2600Lm	>4680Lm
Dimension (mm)	370x62x32	610x62x32	1210x62x32

LM80  
Tested LED



B.lux IP20

Maintained light output over the years.

# LED Tube Lights

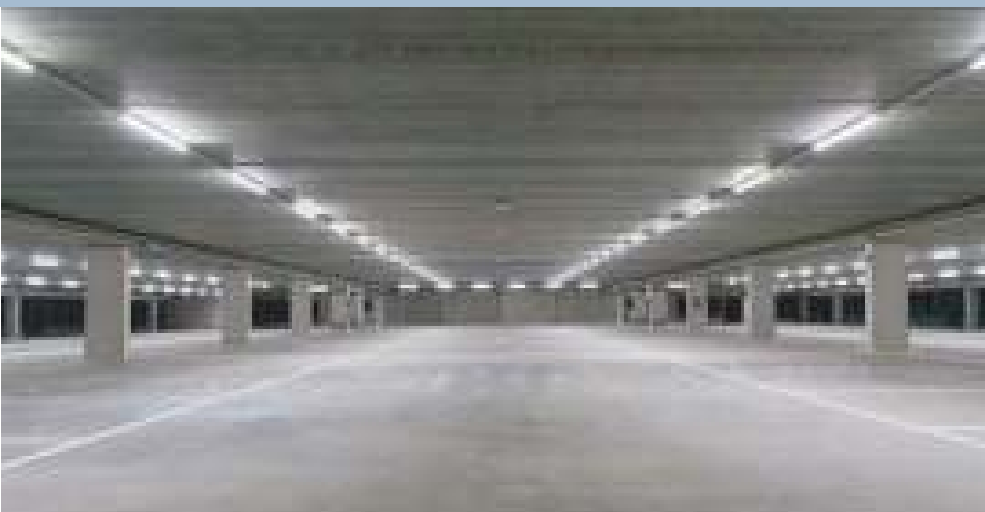
A Class of it's own...



LED Lighting



*Very High  
Brightness*



## TLP

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k
Type LED	: SMD
Diffuser	: PC - Opaque

## Technical Details

**TL18P**

**TL36P**

Total Wattage

18 watt

36 watt

LED Lumens (6500k)

>2600Lm

>4680Lm

Dimension (mm)

30x40

30x40

## Other Versions Available

TLP : 3 in 1 Colour change  
CC : by switch operation

LM80  
Tested LED



B.lux IP20

*Maintained light output over the years.*

# LED Profile Hanging Lights

# TPF



## TPF

Working Voltage Range	:	150-260VAC
CRI	:	>85
Power Factor	:	>0.5
Housing	:	Aluminum
Diffuser	:	Opaque
Type LED	:	SMD

## Smart Lighting

## TPF-TN

CCT change and Dimming by  
Remote & Teknolite app



### Technical Details

	TPF5070H/40	TPF5070H/72
Total Wattage	36 watt	72 watt
LED Lumens (6500k)	>5200Lm	>9360Lm
Dimension (mm)	1180x50x70	1180x50x70

### Other Versions Available

TPF : 3 in 1 Colour change  
CC : by switch operation



*Maintained light output over the years.*

High Lumens SMD  
LED STRIP Lights



# STRIP

*Super Bright  
High Density  
Definable Colour*



Technical Details	2835	2835	2835
No of LED (Per Mtr)	120	180	240
Total Wattage (Per Mtr)	10 watt	12 watt	16 watt
Lumens (Per LED)	>13Lm	>16Lm	>26Lm
Total Length	5 Mtr	5 Mtr	5 Mtr
LED	SMD	SMD	SMD

STRIP	
Operating Voltage	: 12V DC
CRI	: >80
Colour Temperature	: 3000k/4000k/6500k

*Maintained light output over the years.*

# LED Outdoor Lights

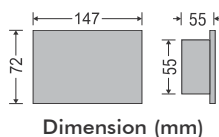
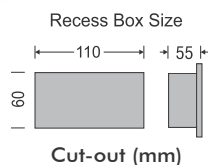
**OFL**   
Foot light

A Class of it's own...  
**TEKNOLITE**<sup>®</sup>  
LED Lighting



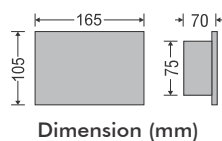
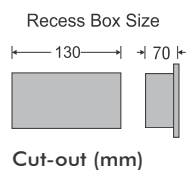
## OFL 101

Watt	5W
LED Lumens	> 500Lm
Beam Angle	100°



## OFL 102

Watt	6W
LED Lumens	> 600Lm
Beam Angle	100°



Body Colour

■ Gray

## Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000K (Other colour available on request)
LED	: SMD

LM80  
Tested LED

Up to 70,000 Hrs.

ENERGY SAVINGS  
80%

B.lux IP54

Maintained light output over the years.

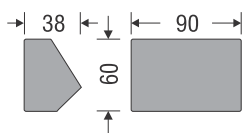
# LED Outdoor Lights

**OFL**   
Foot light



## OFL 103

Watt	5W
LED Lumens	>500Lm
Beam Angle	98°

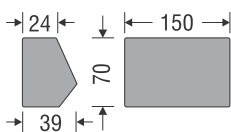


Dimension (mm)



## OFL 702

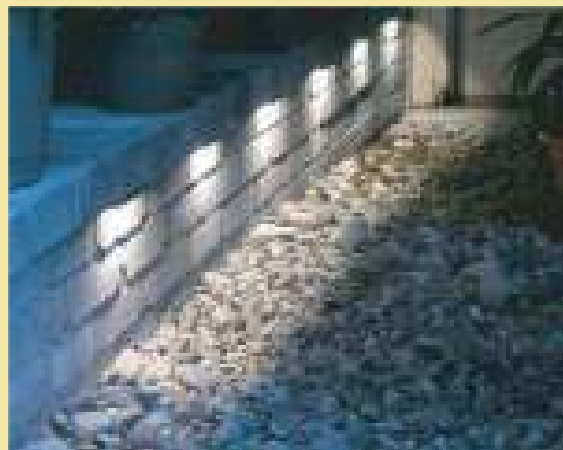
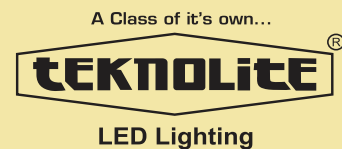
Watt	8W
LED Lumens	>800Lm
Beam Angle	98°



Dimension (mm)

Body Colour

Gray



### Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k (Other colour available on request)
LED	: SMD

LM80  
Tested LED

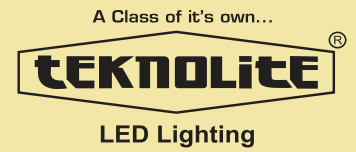
  
Up to 70,000 Hrs.

  
80%

Blux IP54

*Maintained light output over the years.*

# LED Outdoor Lights

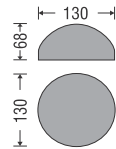


## OFL IP54 Foot light

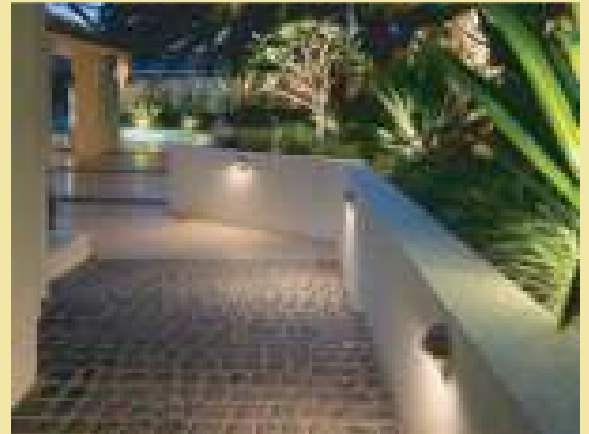


### OFL 722

Watt	6W
LED Lumens	>600Lm
Beam Angle	90°

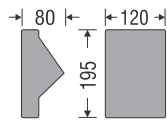


Dimension (mm)



### OFL 105

Watt	9W
LED Lumens	>900Lm
Beam Angle	100°



Dimension (mm)

#### Body Colour

■ Gray



### Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k (Other colour available on request)
LED	: SMD

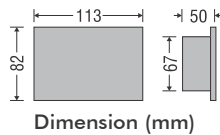
# LED Outdoor Lights

**OFL**   
Foot light



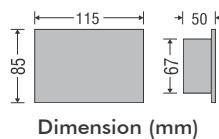
## OFL 726

Watt	5W
LED Lumens	>500Lm
Beam Angle	100°



## OFL 727

Watt	5W
LED Lumens	>500Lm
Beam Angle	100°



Body Colour

■ Gray



## Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )
LED	: SMD

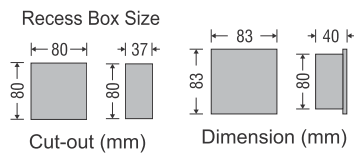
# LED Outdoor Lights

**OFL**   
Foot light



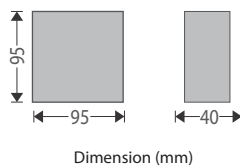
## OFL 723

Watt	3W
LED Lumens	>300Lm
Beam Angle	90°



## OFL 730

Watt	5W
LED Lumens	>500Lm
Beam Angle	90°



Body Colour

■ Gray



## Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )
LED	: SMD

# LED Outdoor Lights

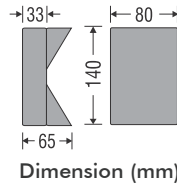


## ODL IP54 Up & Down Lights



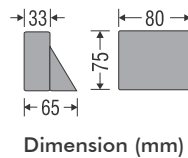
### ODL 103 ODL 103-S

Watt	12W	6W
LED	COB	SMD
LED Lumens	>1200Lm	>600Lm
Beam Angle	80	80



### ODL 104 ODL 104-S

Watt	6W	3W
LED	COB	SMD
LED Lumens	>600Lm	>300Lm
Beam Angle	80°	80°



#### Body Colour

 Gray



### Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )

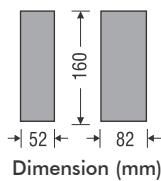
# LED Outdoor Lights

## ODL IP54 Up & Down Lights



### ODL 446

Watt	12W	24W
LED Lumens	>1200Lm	>2400Lm
Beam Angle	45°	45



### Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )
LED	: COB

LM80  
Tested LED

  
Up to 70,000 Hrs.

  
ENERGY SAVING  
80%

B.lux IP54

*Maintained light output over the years.*

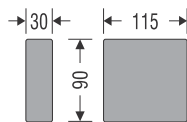
# LED Outdoor Lights

## ODL Up & Down Lights

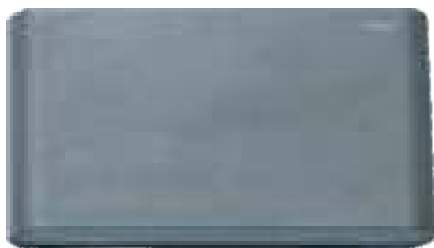


### ODL 405

Watt	10W
LED Lumens	>1300Lm
Beam Angle	110°

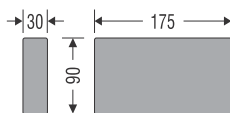


Dimension (mm)



### ODL 406

Watt	16W
LED Lumens	>1800Lm
Beam Angle	110°



Dimension (mm)

#### Body Colour

- White  Gray  Black



## Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )
LED	: SMD

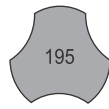
# LED Outdoor Lights

## ODL IP54 Designer light



### ODL 422

Watt	8W
LED Lumens	>700Lm
Beam Angle	45°

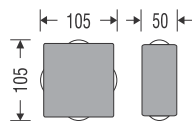


Dimension (mm)



### ODL 447

Watt	10W
LED Lumens	>1000Lm
Beam Angle	10°



Dimension (mm)

Body Colour

■ Gray



### Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )
LED	: SMD

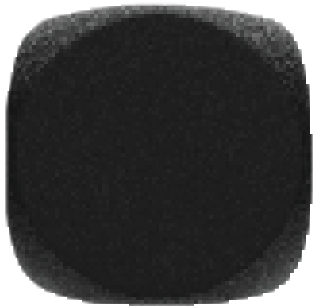
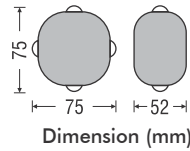
# LED Outdoor Lights

**ODL**   
**Designer light**



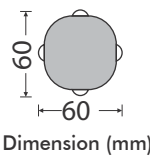
## ODL 445

Watt	5W
LED Lumens	>500Lm
Beam Angle	60°



## ODL 466

Watt	3W
LED Lumens	>300Lm
Beam Angle	90°



Body Colour

White  Gray



## Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )
LED	: SMD

# LED Outdoor Lights

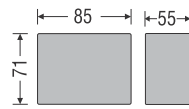


## ODL <sup>IP54</sup> Designer light

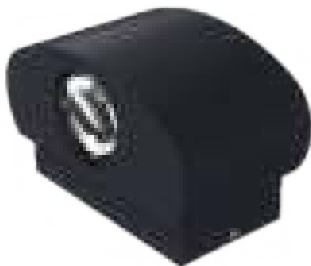


### ODL 428

Watt	7W
LED Lumens	>700Lm
Beam Angle	45°

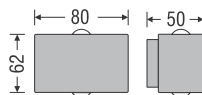


Dimension (mm)



### ODL 438

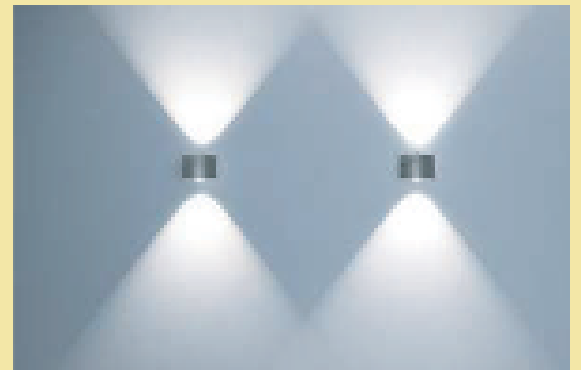
Watt	7W
LED Lumens	>700Lm
Beam Angle	45°



Dimension (mm)

#### Body Colour

- White
- Gray
- Black



### Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )
LED	: SMD

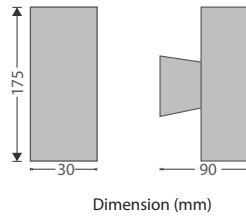
# LED Outdoor Lights

**ODL**   
**Designer light**



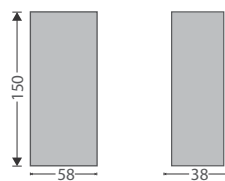
## ODL 453

Watt	12W
LED Lumens	>1200Lm
Beam Angle	10°



## ODL 454

Watt	6W
LED Lumens	>600Lm
Beam Angle	45°



■ Gray

A Class of it's own...  
**TEKNOLITE**<sup>®</sup>  
LED Lighting



## Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )
LED	: COB/SMD

# LED Outdoor Lights

A Class of it's own...



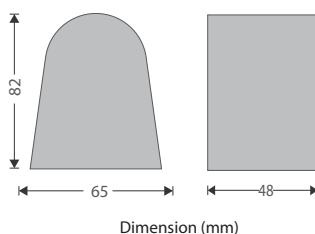
LED Lighting

**ODL**   
Designer light



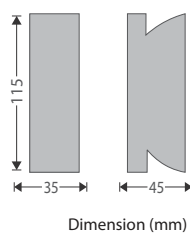
## ODL 467

Watt	3W
LED Lumens	>300Lm
Beam Angle	45°



## ODL 416

Watt	3W
LED Lumens	>300Lm
Beam Angle	10°



Body Colour

■ Gray



### Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )
LED	: SMD

LM80  
Tested LED

Up to 70,000 Hrs.

ENERGY SAVINGS  
80%

B.lux IP54

Maintained light output over the years.

# LED Outdoor Lights

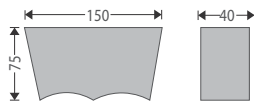


**ODL**   
Designer light



## ODL 423

Watt	4W
LED Lumens	>400Lm
Beam Angle	45°

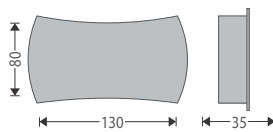


Dimension (mm)

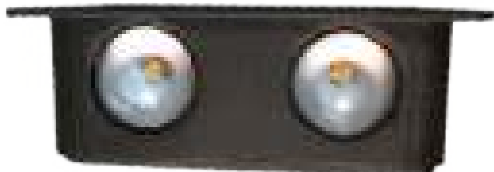


## ODL 425

Watt	4W
LED Lumens	>400Lm
Beam Angle	10°



Dimension (mm)



Body Colour

■ Gray

## Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )
LED	: SMD

LM80  
Tested LED

Up to 70,000 Hrs.

ENERGY SAVINGS  
80%

B.lux IP54

*Maintained light output over the years.*

# LED Outdoor Lights

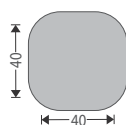


**ODL**   
Designer light

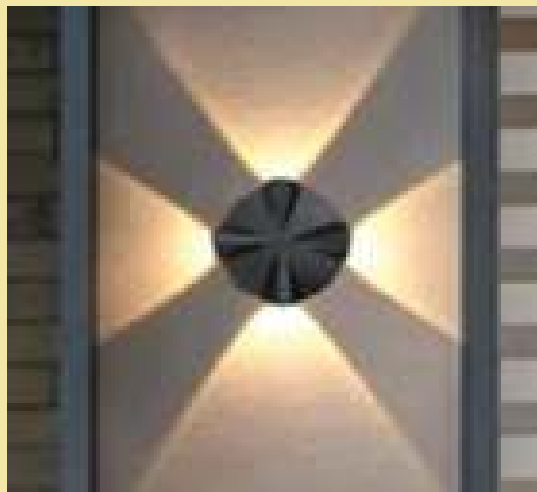


## ODL 475

Watt	4W
LED Lumens	>400Lm
Beam Angle	45°

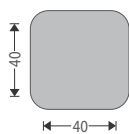


Dimension (mm)

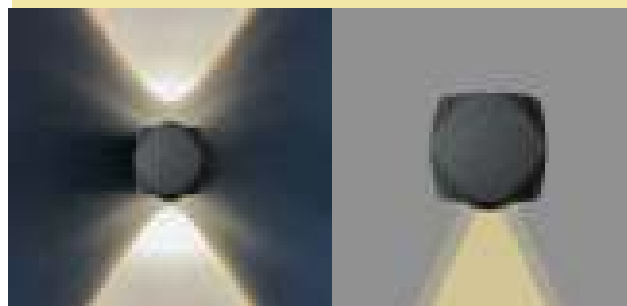


## ODL 464

Watt	2W	4W
LED Lumens	>200Lm	>400Lm
Beam Angle	10°	10°



Dimension (mm)



Body Colour



## Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )
LED	: SMD

LM80  
Tested LED

Up to 70,000 Hrs.

ENERGY SAVING  
80%

B.lux IP54

Maintained light output over the years.

# LED Outdoor Lights

## ODL IP54 Designer light



### ODL 452/1

Watt	2W
LED Lumens	>200Lm
Beam Angle	45°



### ODL 452/2

Watt	4W
LED Lumens	>400Lm
Beam Angle	10°

#### Body Colour

■ Gray



## Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )
LED	: SMD

# LED Outdoor Lights

**ODL**   
**Designer light**



## ODL 452/3

Watt	6W
LED Lumens	>600Lm
Beam Angle	45°



## ODL 452/4

Watt	8W
LED Lumens	>800Lm
Beam Angle	10°

Body Colour

Gray



## Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )
LED	: SMD

LM80  
Tested LED

  
Up to 70,000 Hrs.

  
ENERGY SAVING  
80%

Blux IP54

*Maintained light output over the years.*

# LED Outdoor Lights

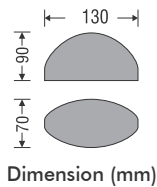


**ODL**   
Designer light



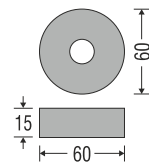
## ODL 430

Watt	7W
LED Lumens	>700Lm
LED	COB



## OCL 201

Watt	5W
LED Lumens	>500Lm
LED	COB



Body Colour  
 White  Gray



### Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )

# LED Outdoor Lights

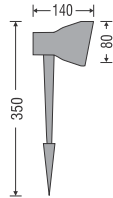
**SK** 

Architectural  
Design Spike Lights



## SK 08

Watt	8W
LED Lumens	>800Lm
Beam Angle	36°
LED	COB



Dimension (mm)

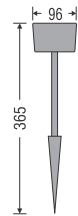
Body Colour

■ Black



## SK 12

Watt	12W
LED Lumens	>1200Lm
Beam Angle	90°
LED	SMD



Dimension (mm)

Body Colour

■ Gray

Garden Lights



## Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )

# LED Outdoor Lights

**SK**  **IP54**

A Class of it's own...

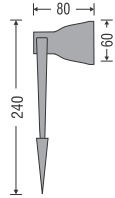
**TEKNOLITE**®

LED Lighting



## SK 11

Watt	6W
LED Lumens	>600Lm
Beam Angle	36°
LED	COB



Dimension (mm)



## SK 07

Watt	7W
LED Lumens	>700Lm
Beam Angle	45°
LED	COB

Body Colour

■ Gray



## Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )

LM80  
Tested LED

Up to 70,000 Hrs.

ENERGY SAVINGS  
80%

B.lux IP54

*Maintained light output over the years.*

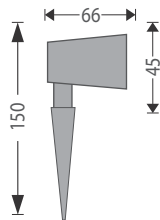
# LED Outdoor Lights

**SK**   
**IP54**



## SK 206

Watt	6W
LED Lumens	>600Lm
Beam Angle	36°
LED	COB

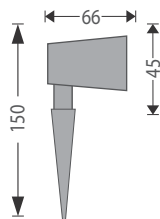


Dimension (mm)



## SK 212

Watt	12W
LED Lumens	>1200Lm
Beam Angle	36°
LED	COB



Dimension (mm)

Body Colour

■ Gray



## Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k (Other colour available on request)

# LED Outdoor Lights

## FSD IP54 Facade light



	FSD 12	FSD 18
Watt	12W	18W
LED Lumens	>1200Lm	>1800Lm
Beam Angle	25°	25°

Body Colour

Gray



### FSD 24 SQ

Watt	24W
LED Lumens	>2400Lm
Beam Angle	25°

Body Colour

Gray

A Class of it's own...

**TEKNOLITE**®

LED Lighting

*Fsd can light upto 100 feet distance*



### Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )
LED	: COB

LM80  
Tested LED

Up to 70,000 Hrs.

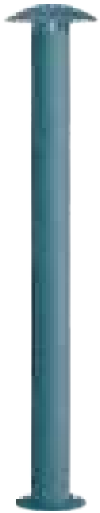
ENERGY  
SAVINGS  
80%

B.lux IP54

*Maintained light output over the years.*

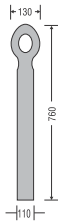
# LED Outdoor Lights

**BLL**   
**IP54**



## BLL 116

Watt	12W
LED Lumens	>1200Lm
Beam Angle	120°

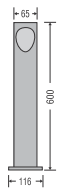


Dimension (mm)



## BLL 117

Watt	12W
LED Lumens	>1200Lm
Beam Angle	120°



Dimension (mm)



## Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )
LED	: SMD

# LED Outdoor Lights

**BLL**   
**Bollard Lights**



## ASK 002

Watt	15W
LED Lumens	>1500Lm
Beam Angle	25°
Dimension	90x90mm
Height	300mm/600mm/900mm

Body Colour

■ Gray

A Class of it's own...  
**TEKNOLITE**<sup>®</sup>  
LED Lighting



### Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k (Other colour available on request)
LED	: SMD

LM80  
Tested LED

  
Up to 70,000 Hrs.

  
ENERGY SAVINGS  
80%

Blux IP54

*Maintained light output over the years.*

# LED Outdoor Lights

## BLL Bollard Lights



	ASK 008X	ASK 008Y	ASK 008Z
Watt	36W	36W	36W
LED Lumens	>3600Lm	>3600Lm	>3600Lm
Dimension	Ø100x100mm	Ø100x100mm	Ø100x100mm
Height	1800mm	2400mm	3000mm

### Body Colour

 Gray



	ASK 009X	ASK 009Y	ASK 009Z
Watt	36W	50W	72W
LED Lumens	>3600Lm	>5000Lm	>7200Lm
Dimension	100x100mm	100x100mm	100x100mm
Height	1800mm	2400mm	3000mm

### Body Colour

 Gray



## Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )
LED	: SMD

LM80  
Tested LED

 Up to 70,000 Hrs.

 ENERGY SAVINGS  
80%

Blux IP54

Maintained light output over the years.

# LED Outdoor Lights

## BLL IP54 Bollard Lights



	ASK 010X	ASK 010Y	ASK 010Z
Watt	24W	36W	50W
LED Lumens	>2400Lm	>3600Lm	>5000Lm
Dimension	100x100mm	100x100mm	100x100mm
Height	1800mm	2400mm	3000mm

### Body Colour

 Gray



	ASK 011X	ASK 011Y	ASK 011Z
Watt	24W	36W	50W
LED Lumens	>2400Lm	>3600Lm	>5000Lm
Dimension	100x100mm	100x100mm	100x100mm
Height	1800mm	2400mm	3000mm

### Body Colour

 Gray

A Class of it's own...  
**TEKNOLITE**<sup>®</sup>  
LED Lighting



## Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )
LED	: SMD

LM80  
Tested LED

  
Up to 70,000 Hrs.

  
ENERGY SAVINGS  
80%

Blux IP54

Maintained light output over the years.

# LED Outdoor Lights

## BLL IP54 Bollard Lights



	ASK 012U	ASK 012V	ASK 012W	ASK 012X	ASK 012Y	ASK 012Z
Watt	50W	50W	50W	50W	50W	50W
LED Lumens	>2400Lm	>2400Lm	>3000Lm	>3000Lm	>3600Lm	>3600Lm
Dimension	Ø60x114mm	Ø60x114mm	Ø60x114mm	Ø60x114mm	Ø60x114mm	Ø60x114mm
Height	2400mm	2400mm	3000mm	3000mm	3600mm	3600mm

A Class of it's own...  
  
 LED Lighting



### Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )
LED	: SMD

LM80  
Tested LED

 Up to 70,000 Hrs.

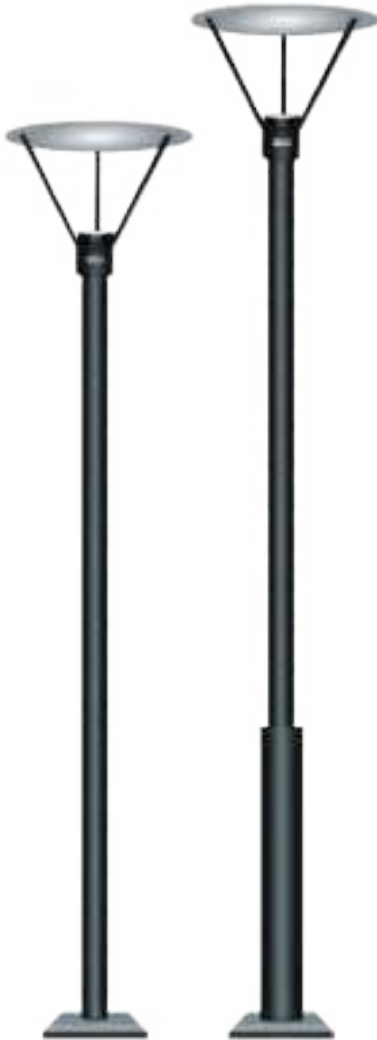
 ENERGY SAVINGS 80%

Blux IP54

Maintained light output over the years.

# LED Outdoor Lights

## **BLL** Bollard Lights



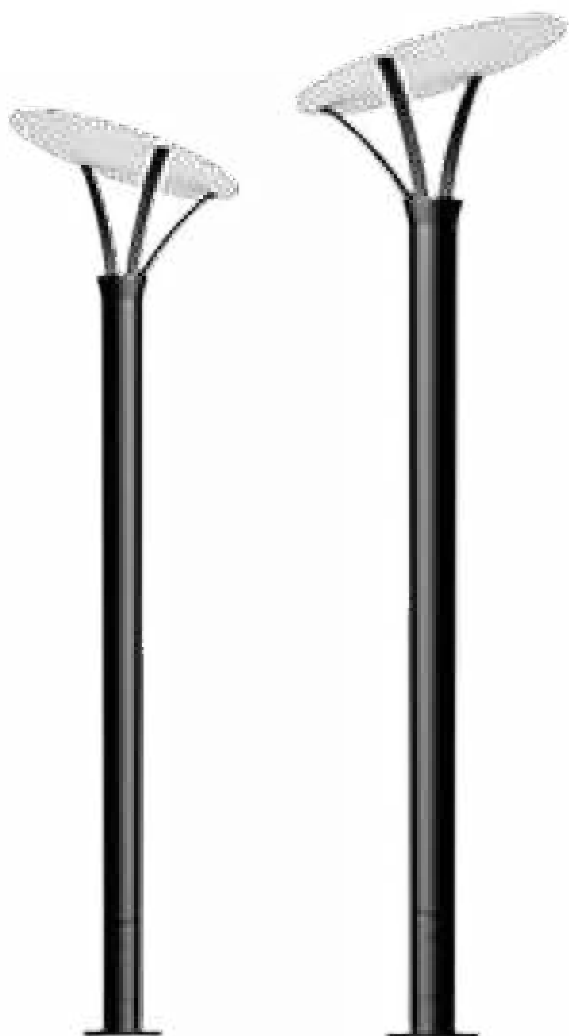
	ASK 013U	ASK 013V	ASK 013W	ASK 013X
Watt	50W	50W	50W	50W
LED Lumens	>5000Lm	>5000Lm	>5000Lm	>5000Lm
Dimension	Ø75mm	Ø75mm	Ø114x75mm	Ø114x75mm
Height	2400mm	3000mm	2400mm	3000mm

### Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )
LED	: SMD

# LED Outdoor Lights

## BLL Bollard Lights



	ASK 013U	ASK 013V	ASK 013W	ASK 013X
Watt	50W	50W	50W	50W
LED Lumens	>5000Lm	>5000Lm	>5000Lm	>5000Lm
Dimension	Ø60mm	Ø60mm	Ø114x75mm	Ø114x75mm
Height	2400mm	3000mm	2400mm	3000mm



### Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )
LED	: SMD

# LED Outdoor Lights

## BLL IP54 Bollard Lights



	ASK 004X	ASK 004Y
Watt	36W	50W
LED Lumens	>3600Lm	>5000Lm
Dimension	400x300mm	400x300mm
Pipe Dia	Ø60mm	Ø60mm

### Body Colour

■ Gray



	ASK 005X	ASK 005Y
Watt	36W	50W
LED Lumens	>3600Lm	>5000Lm
Dimension	475x200mm	475x200mm
Pipe Dia	Ø60mm	Ø60mm

### Body Colour

■ Gray



	ASK 006X	ASK 006Y
Watt	36Wx2	50Wx2
LED Lumens	>7200Lm	>10000Lm
Dimension	400x300mm	400x300mm
Pipe Dia	Ø60mm	Ø60mm

### Body Colour

■ Gray

## Technical Specifications

Working Voltage Range	:	150-260VAC
CRI	:	>85
Power Factor	:	>0.5
Housing	:	Aluminum
Colour Temperature	:	3000k ( Other colour available on request )
LED	:	SMD

# LED Outdoor Lights

## **BLL** Bollard Lights



### **BLL 129**

Watt	12W
LED Lumens	>1200Lm
Height	600mm

Body Colour

■ Gray



### **BLL 140**

Watt	12W
LED Lumens	>1200Lm
Height	600mm

Body Colour

■ Gray



## **Technical Specifications**

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )
LED	: SMD

# LED Outdoor Lights

## **BLL** Bollard Lights



### **BLL 141**

Watt	12W
LED Lumens	>1200Lm
Height	600mm

Body Colour

■ Gray



### **BLL 135**

Watt	24W
LED Lumens	>2400Lm
Height	600mm

Body Colour

■ Gray



## Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )
LED	: SMD

# LED Outdoor Lights

## **BLL** Bollard Lights



### **BLL 127**

Watt	12W
LED Lumens	>1200Lm
Height	600mm

Body Colour

■ Gray



### **BLL 131**

Watt	12W
LED Lumens	>1200Lm
Height	600mm

Body Colour

■ Gray



## Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )
LED	: SMD

# LED Outdoor Lights

## **BLL** Bollard Lights

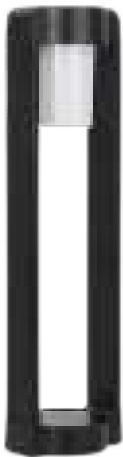


### **BLL 125**

Watt	12W
LED Lumens	>1200Lm
Height	600mm

Body Colour

■ Gray



### **BLL 145**

Watt	12W
LED Lumens	>1200Lm
Height	600mm

Body Colour

■ Gray



## Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )
LED	: SMD

# LED Outdoor Lights

## **BLL** Bollard Lights



### **BLL 123**

Watt	24W
LED Lumens	>2400Lm
Height	600mm

Body Colour

■ Gray



### **BLL 133**

Watt	12W
LED Lumens	>1200Lm
Height	600mm

Body Colour

■ Gray



## **Technical Specifications**

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )
LED	: SMD

# LED Outdoor Lights

A Class of it's own...



LED Lighting

## BLL <sup>IP54</sup> Bollard Lights



	ASK 001X	ASK 001Y
Watt	15W	15W
LED Lumens	>1500Lm	>1500Lm
Dimension	220x225mm	220x225mm
Holder	LED & E27BULB**	

Body Colour

■ Gray



### ASK 003

Watt	15W
LED Lumens	>1500Lm
Beam Angle	25°
Dimension	90x90mm
Height	450mm/600mm/900mm
Holder	LED & E27 BULB**

Body Colour

■ Gray



### ASK 007

Watt	15W
LED Lumens	>1500Lm
Height	A 450mm/600mm/900mm B 485mm/635mm/935mm
Holder	LED & E27 BULB**

Body Colour

■ Gray



## Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )
LED	: SMD

Maintained light output over the years.

LM80  
Tested LED



Blux IP54

# LED Outdoor Lights

## **BLL** Bollard Lights



### Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )
LED	: SMD

Body Colour

Gray

LM80  
Tested LED



Up to 70,000 Hrs.



ENERGY  
SAVINGS  
80%

B.lux IP54

*Maintained light output over the years.*

# LED Outdoor Lights

## OWW Wall Washer



OWW 36

Watt	36W
LED Lumens	>3600Lm
Dimension	4Ft

Body Colour

 Gray

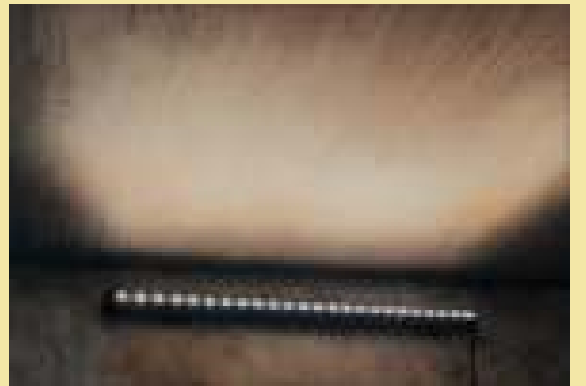
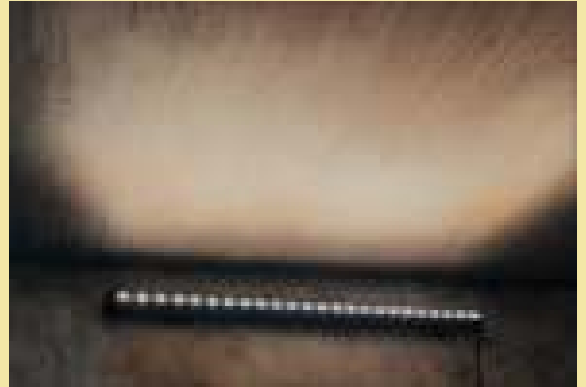
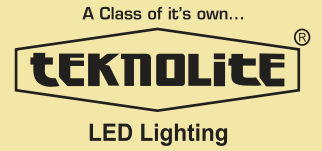


OWW 18    OWW 36

Watt	18W	36W
LED Lumens	>1800Lm	>3600Lm
Dimension	2Ft	4Ft

Body Colour

 Gray



### Technical Specifications

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k ( Other colour available on request )
LED	: SMD

# LED Street Lights



# SLZ



## Technical Specification

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5 - 0.9
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k
Type LED	: SMD
Diffuser with Dual Lens	: 90° / 120°
Working Temperature	: 0-60°
Frequency Range	: 40-50Hz
Voltage Surge Protection	: 2.5 Kv-10Kv Depends on models

Technical Details	SLZ24	SLZ36	SLZ50	SLZ100	SLZ150	SLZ200	SLZ400
Total Wattage	24 watt	36 watt	50 watt	100 watt	150 watt	200 watt	400 watt
LED Lumens (6500k)	>2400Lm	>3600Lm	>5000Lm	>10000Lm	>15000Lm	>20000Lm	>40000Lm
Beam Angle	120°	120°	120°	120°	120°	120°	120°

IP65

*Maintained light output over the years.*

# LED Highbay Lights



## HB UFO



### Technical Specification

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.5
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k
Type LED	: SMD
Working Temperature	: >60
Frequency Range	: 40-50Hz
Voltage Surge Protection	: 4Kv - 6Kv
Starting Time*	: ±6 Sec
Beam Angle	: 90°

Technical Details	HB100UFO	HB150UFO
Total Watt	100W	150W
LED Lumens (6500k)	>15000 Lm	>22500 Lm
Dimension (mm)*	310x220h	360x220h

IP65

*Maintained light output over the years.*

# LED Flood Lights



## FDTC Flood light



### Technical Specification

Working Voltage Range	: 150-260VAC
CRI	: >85
Power Factor	: >0.9
Housing	: Aluminum
Colour Temperature	: 3000k/4000k/6500k
Type LED	: SMD
Beam Angle	: 120°
Working Temperature	: >60°
Frequency Range	: 40-50Hz
Voltage Surge Protection	: 4 Kv
Starting Time*	: ±6 Sec

Technical Details	FD30TC	FD50TC	FD100TC	FD1500TC	FD200TC
Total Wattage	30 watt	50 watt	100 watt	150 watt	200 watt
LED Lumens (6500k)	>3000Lm	>5000Lm	>10000Lm	>15000Lm	>20000Lm
Dimension (mm)	183x180x43	230x225x50	285x275x60	-	325x355x65

IP65

*Maintained light output over the years.*



A Class of it's own...



LED Lighting

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**Note :** Company can change Dimensions, Specifications & Product's Design without any prior Notice.

