



ODYSSEY®



# LED LIGHTS

[www.kundanswitchgears.com](http://www.kundanswitchgears.com)

FLOOD LIGHT

STREET LIGHT

HIGH BAY LIGHT

BAY BRITE LIGHT

BULK HEAD LIGHT

WELL GLASS LIGHT

DOLPHIN STREET LIGHT





# ODYSSEY<sup>®</sup>

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## OUR COMPANY

Kundan Switchgears Pvt. Ltd. is an ISO 9001:2015 certified company, engaged in manufacturing of plastic moulding, metal components, and wide range of LED lighting products for allied industries. Since 1992, the company has been dealing in this field with an untiring effort to satisfy its clients giving the top priority to quality and reliability.

## INFRASTRUCTURE

We have established a well equipped manufacturing facility that enables us to produce a quality range of LED lights. Our manufacturing unit is spread over an area of 1 lac square feet, which enables us to undertake bulk production. Our state-of-the-art infrastructure is segregated into various departments which include Production such as tool Room, moulding section, press shop, aluminium die casting, VMC, in-house designing, quality controlling and R&D.

We constantly strive for reliability, innovative R&D, an efficient supply chain management, and exemplary quality control. Our ebullient and proficient workforce are capable of understanding clients' requirement, which allows them to cater to the needs in the most effectual way. Moreover, we also provide customization facility in order to fulfill the specific requirements of our esteemed clients.

Our mission is to Create Better World for our future generation.



Pressure Die Casting Machine



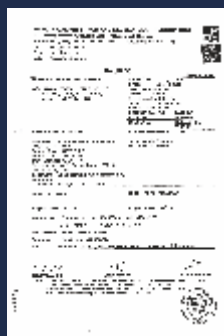
VMC Machine



Pick & Place Machine



ISO 9001-2015



IP 66 Certificate



LM 79 Certificate



LM 80 Certificate

# LED STREET LIGHT



## TECHNICAL DESCRIPTION

LED street light having integral epoxy powder coated, die-casted aluminum enclosure, custom designed for maximum thermal efficiency with toughened glass diffuser and appropriate gasketing for weather proofing. Luminaries is fully pre-wired with high efficiency power factor corrected LED driver, designed for optimum efficiency of the LED's.

## FEATURES

- IP-66 Aluminum die cast enclosure toughened glass, epoxy powder coated.
- Optical pattern designed for optimum efficiency.
- Light angle can be made application specific.
- Integral operation using in-built LED Driver Pack.
- Constant current LED Driver for optimum performance.
- Highly energy efficient.
- Thermal management designed for maximum service life.
- Long service life of 50,000 hrs.
- No UV or IR radiation.
- Extremely cost effective operation.
- Over Load & Over Voltage protection.

## TECHNICAL SPECIFICATION

| Items \ Specs          | Input Voltage | Power Factor | Efficiency Consumption +_5W | Watt  | Pole Entry Dia | Surge |
|------------------------|---------------|--------------|-----------------------------|-------|----------------|-------|
| 20 W LED STREET LIGHT  | 140-270 VAC   | > 0.95       | >85%                        | 20 W  | 40 mm          | 4KV   |
| 30 W LED STREET LIGHT  | 140-270 VAC   | > 0.95       | >85%                        | 30 W  | 42 mm          | 4KV   |
| 40 W LED STREET LIGHT  | 140-270 VAC   | > 0.95       | >85%                        | 40 W  | 42 mm          | 4KV   |
| 50 W LED STREET LIGHT  | 140-270 VAC   | > 0.95       | >85%                        | 50 W  | 54 mm          | 4KV   |
| 60 W LED STREET LIGHT  | 140-270 VAC   | > 0.95       | >85%                        | 60 W  | 54 mm          | 4KV   |
| 80 W LED STREET LIGHT  | 140-270 VAC   | > 0.95       | >85%                        | 80 W  | 54 mm          | 4KV   |
| 100 W LED STREET LIGHT | 140-270 VAC   | > 0.95       | >85%                        | 100 W | 54 mm          | 4KV   |
| 120 W LED STREET LIGHT | 140-270 VAC   | > 0.95       | >85%                        | 120 W | 63mm           | 4KV   |
| 150 W LED STREET LIGHT | 140-270 VAC   | > 0.95       | >85%                        | 150 W | 63 mm          | 4KV   |
| 200 W LED STREET LIGHT | 140-270 VAC   | > 0.95       | >85%                        | 200 W | 63 mm          | 4KV   |
| 250 W LED STREET LIGHT | 140-270 VAC   | > 0.95       | >85%                        | 250 W | 63 mm          | 4KV   |

- All Dimension in mm.
- All Products Available with & without Lens.
- LED Colour Temp. 3000K (Warm White) 4000K (Neutral White) 6000K (Cool White)

# OPTIMA LED STREET LIGHT



## TECHNICAL DESCRIPTION

LED street light having integral epoxy powder coated, die-casted aluminum enclosure, custom designed for maximum thermal efficiency with toughened glass diffuser and appropriate gasketing for weather proofing. Luminaries is fully pre-wired with high efficiency power factor corrected LED driver, designed for optimum efficiency of the LED's.

## FEATURES

- IP-66 Aluminum die cast enclosure toughened glass, epoxy powder coated.
- Optical pattern designed for optimum efficiency.
- Light angle can be made application specific.
- Integral operation using in-built LED Driver Pack.
- Constant current LED Driver for optimum performance.
- Highly energy efficient.
- Thermal management designed for maximum service life.
- Long service life of 50,000 hrs.
- No UV or IR radiation.
- Extremely cost effective operation.
- Over Load & Over Voltage protection.

## TECHNICAL SPECIFICATION

| Items \ Specs         | Input Voltage | Power Factor | Efficiency Consumption +_5W | Watt | Installation | Surge |
|-----------------------|---------------|--------------|-----------------------------|------|--------------|-------|
| 20 W LED STREET LIGHT | 140-270 VAC   | > 0.95       | >85%                        | 20 W | 40 mm        | 4KV   |
| 40 W LED STREET LIGHT | 140-270 VAC   | > 0.95       | >85%                        | 40 W | 42 mm        | 4KV   |
| 60 W LED STREET LIGHT | 140-270 VAC   | > 0.95       | >85%                        | 60 W | 42 mm        | 4KV   |

- All Dimension in mm.
- All Products Available with & without Lens.
- LED Colour Temp. 3000K (Warm White) 4000K (Neutral White) 6000K (Cool White)
- W Denotes Wattage of street Lights.

# LED DOLPHIN STREET LIGHT



## TECHNICAL DESCRIPTION

LED street light having integral epoxy powder coated, die-casted aluminum enclosure, custom designed for maximum thermal efficiency with PC Lens and appropriate gasketing for weather proofing, Luminaries is fully pre-wired with high efficiency power factor corrected LED driver, designed for optimum efficiency of the LED's

## FEATURES

- 100 lm/w delivered.
- Pressure die cast housing with Polycarbonate.
- Secondary optics for better light distribution.
- Driver protection against lightening, overvoltage, short-circuit
- Ingress protection: IP66
- Impact resistance

## APPLICATIONS

- City roads / highways / Industry and campuses
- Parking areas, parks and gardens

## TECHNICAL SPECIFICATION

| Total Power Consumption | 25W                                    | 45W  | 60W  | 80W  |
|-------------------------|--|------|------|------|
| LED Luminous LUX        | 2500                                   | 4500 | 6000 | 8000 |
| Beam Angle/Make         | 90°- 14°0 (Asymmetric Lens) LEDIL make |      |      |      |
| LED Colour              | CW/WW/NW                               |      |      |      |
| LED Make                | OSRAM                                  |      |      |      |
| LED Luminous efficiency | 100 lm / w                             |      |      |      |
| Power Factor            | >0.90                                  |      |      |      |
| Voltage Range           | 140V- 270V AC                          |      |      |      |
| Frequency Range         | 50Hz +/-10%                            |      |      |      |
| Colour Rendering Index  | >90                                    |      |      |      |
| Operating Temperature   | -10°C to 50°C                          |      |      |      |
| Working Humidity        | 5%~95% RH                              |      |      |      |

|                          |                      |
|--------------------------|----------------------|
| Finish                   | Black Powder Coating |
| Protection               | IP- 66               |
| Material of Construction | Die Cast Aluminum    |
| Surge Protection         | 4kv                  |

# OPTIMA FLOOD LIGHT LED



## TECHNICAL DESCRIPTION

LED Flood light luminaries Comprising of Aluminum die cast housing with powder coating and toughened glass diffuser. Fully pre-wired using a low loss electronic constant current LED driver having an improved power factor and low Total Harmonic Distortion (THD)

## FEATURES

- Surge protection of internal 4kv and external 10 kv
- Epoxy grey powder coated pressure die cast housing.
- Short circuit & open circuit protection on driver
- Ideal replacement for traditional CFL lamp.
- Green & Environment Protection.
- LED's life > 50,000 hrs

## APPLICATIONS

- Lighting of small to medium sized billboards
- Parking areas around building / residential complexes
- Security lighting
- General area lighting
- Lighting of monuments

## TECHNICAL SPECIFICATION

| Total Power Consumption   | 30W                           | 50W          | 100W         | 150W         | 200W          |
|---------------------------|-------------------------------|--------------|--------------|--------------|---------------|
| LED Luminous Flux (Lumen) | 3000                          | 5000         | 10000        | 15000        | 20000         |
| Dimension                 | 185x159x43mm                  | 229x196x52mm | 290x240x57mm | 362x296x72mm | 489x338x704mm |
| LED Colour                | CW/WW/NW                      |              |              |              |               |
| LED Luminous Efficacy     | 100 Lm / W                    |              |              |              |               |
| Power Factor              | >0.90                         |              |              |              |               |
| Supply Voltage            | 140-270 VAC                   |              |              |              |               |
| Frequency Range           | 50 Hz +/- 10%                 |              |              |              |               |
| Colour Rendering Index    | >70                           |              |              |              |               |
| Operating Temperature     | -10°C to 50° C                |              |              |              |               |
| Working Humidity          | 5%~95%RH                      |              |              |              |               |
| Enclosure                 | Aluminum Die Casted Enclosure |              |              |              |               |



# LED HIGH BAY LIGHT

## TECHNICAL DESCRIPTION

LED high bay light luminaires Comprising of Aluminum die cast housing with powder coating and toughened glass diffuser & PC Lens. Fully pre-wired using a low loss electronic constant current LED driver having an improved power factor and low Total Harmonic Distortion (THD)



## FEATURES

- High Efficiency, Constant drive.
- Efficient diffuser, High quality optics which ensure low glare lighting.

## APPLICATIONS

- Manufacturing bays.
- Warehouses
- indoor stadiums
- Airport hangers
- Railway concourse halls
- Suitable for illuminating Outdoor / Indoor

## TECHNICAL SPECIFICATION

| Wattage                       | 80W                            | 100W       | 120W         | 150W        | 200W        |
|-------------------------------|--------------------------------|------------|--------------|-------------|-------------|
| Lumens                        | 8800                           | 11000      | 13200        | 16500       | 22000       |
| LED Make                      | Osram / Cree                   |            |              |             |             |
| Lens / Glass                  | 60/90/120 Degree ( Only Glass) |            |              |             |             |
| Colour Temperature            | 2700-6500K                     |            |              |             |             |
| <b>Housing Specifications</b> |                                |            |              |             |             |
| Enclosure Material            | ADC-12                         |            |              |             |             |
| Size (Dia X H)                | 245x131 mm                     | 245x131 mm | 277 x 178 mm | 320 x 203mm | 360 x 190mm |
| <b>Driver Specifications</b>  |                                |            |              |             |             |
| Driver                        | Kundan Make                    |            |              |             |             |
| No. of Driver Used            | 2                              |            |              |             |             |
| Operating Voltage             | 140 - 270VAC                   |            |              |             |             |
| Power Factor                  | >0.95                          |            |              |             |             |
| T.H.D.                        | <5%                            |            |              |             |             |
| Temperature                   | 10°C to 50°C                   |            |              |             |             |
| <b>Housing Specifications</b> |                                |            |              |             |             |
| Surge                         | 4KV                            |            |              |             |             |
| Isolation                     | 4KV                            |            |              |             |             |
| High Voltage Protection       | 1.5KV                          |            |              |             |             |
| Over Voltage Protection       | 310VCA                         |            |              |             |             |
| Short Circuit Protection      | YES                            |            |              |             |             |

# LED LIGHT BAY BRITE



## TECHNICAL DESCRIPTION

LED Bay Brite light Luminaries Comprising of Aluminum Die cast housing with power coating and toughened glass diffuser. Fully pre-wired using a low loss electronic constant current LED driver having an improved power factor and low Total Harmonic Distortion (THD)



## FEATURES

- Energy saving upto 80%.
- High Efficiency, Constant drive.
- Efficient diffuser, High quality optics which ensure low glare lighting.
- Surge protection of internal 4kV and external 10kV

## APPLICATIONS

- Application: Suitable for illuminating outdoor/indoor.

## TECHNICAL SPECIFICATION

| Total Power Consumption | 60W                            | 80W           | 100W          | 120W          | 150W          | 200W          | 250W          |
|-------------------------|--------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Total Power Consumption | 6600                           | 8800          | 11000         | 13200         | 16500         | 22000         | 27500         |
| Dimension               | 327x195x145mm                  | 327x195x145mm | 400x230x138mm | 400x230x138mm | 440x250x155mm | 510x290x162mm | 510x290x162mm |
| LED Colour              | CW/WW/NW                       |               |               |               |               |               |               |
| LED Luminous Efficacy   | 110 lm/W                       |               |               |               |               |               |               |
| Power Factor            | >0.90                          |               |               |               |               |               |               |
| Supply Voltage          | 140-270 VAC                    |               |               |               |               |               |               |
| Frequency Range         | 50 Hz +/- 10%                  |               |               |               |               |               |               |
| Colour Rendering Index  | >75                            |               |               |               |               |               |               |
| Operating Temperature   | -10°C to 50°C                  |               |               |               |               |               |               |
| Working Humidity        | 5%~95%RH                       |               |               |               |               |               |               |
| Enclosure               | Aluminium Die Casted Enclosure |               |               |               |               |               |               |

# WELLGLASS LIGHT LED



## TECHNICAL DESCRIPTION

LED wall/ceiling mounted and hook MID BAY LIGHT Comprising of die-cast housing with powder coating Fully pre wired using a low loss electronic constant current LED driver having an improved power factor and low Total Harmonic Distortion (THD)

## FEATURES

- Power efficiency >80%
- Power Factor >0.90
- Aesthetically designed Aluminium die casted housing.
- Short circuit & open circuit protection on driver.
- Highly efficient constant current LED driver
- Ideal replacement for traditional halogen & PAR lamp.
- Green & Environment Protection
- Up to 80% energy saving.
- LED's life >40,000 hrs.

## MOUNTING

- Wall/ceiling mounted and hook hanging MID BAY Well Glass Light.

## APPLICATIONS

- Suitable for illuminating Cement plant / Processing Industries / Fertilizer plant.
- Suitable for illuminating Industrial area.
- Parking areas / around building / General area lighting.

## TECHNICAL SPECIFICATION

| Total Power Consumption    | 30W                 | 40W  | 60W  | 80W  |
|----------------------------|---------------------|------|------|------|
| LED Luminous Flux (Lumen ) | 3000                | 4000 | 6000 | 8000 |
| LED Colour                 | CW/WW/NW            |      |      |      |
| LED Luminous Efficacy      | 100 lm/W            |      |      |      |
| Power Factor               | >0.95               |      |      |      |
| Supply Voltage             | 140-270 VAC         |      |      |      |
| Frequency Range            | 50 Hz +/- 10%       |      |      |      |
| Colour Rendering Index     | >75                 |      |      |      |
| Operating Temperature      | -10°C to 50°C       |      |      |      |
| Working Humidity           | 5%~95%RH            |      |      |      |
| Enclosure                  | Die - Cast Aluminum |      |      |      |

# LED CANOPY LIGHT



## TECHNICAL DESCRIPTION

Canopy lights are used in a myriad of application. These include hotels, parking areas, gas station and covered walkways. Canopy lights are used in industrial applications to illuminate walkways and aisles. LED canopy lights are the best replacements for HID lamps. The lights make building entrances safe and secure at a night and provided a clean and modern look.

## FEATURES

- 100 lm/w delivered.
- Pressure die cast housing with Poly carbonate.
- Secondary optics for better light distribution.
- Driver protection against lightening, over voltage, short-circuit
- Ingress protection: IP66
- Impact resistance

## APPLICATIONS

- Security Lighting
- Petrol Pump
- Oil & Gas Industries

## TECHNICAL SPECIFICATION

|                                |                   |
|--------------------------------|-------------------|
| <b>Total Power Consumption</b> | <b>80W</b>        |
| Lumens                         | 8000              |
| Beam Angle/Make                | 120°              |
| LED Colour                     | CW/WW/NW          |
| LED Make                       | OSRAM             |
| LED Luminous efficiency        | 100 lm / W        |
| Power Factor                   | >0.95             |
| Voltage Range                  | 140V- 270V AC     |
| Frequency Range                | 50Hz +/- 2%       |
| Colour Rendering Index         | >90               |
| Operating Temperature          | -10°C to 50°C     |
| Working Humidity               | 5%~95% RH         |
| Protection                     | IP- 66            |
| Material of Construction       | Die Cast Aluminum |
| Surge Protection               | 4kv               |



# LED BATTEN LIGHT

## TECHNICAL DESCRIPTION

We offer our clients Energy Saver Tube Light, which are very useful lighting systems in different sectors like commercial and domestic. Our company manufactures the most graceful tube lights that can be availed from us at affordable prices.



## FEATURES

- Power Factor >0.9
- High Surge Protection : 2.5KV
- LED Life: 30.000 BH
- Optics : Polycarbonate Diffuser
- Easy Installation

- Wide Operating Voltage
- Energy Saving

## APPLICATIONS

- General Shops, Small Offices, Reception Areas, Restaurants, Hospital Lobbies & Passages.

## TECHNICAL SPECIFICATION

| Total Power Consumption   | 6W, 10W, 20W (Round)          | 6W, 10W, 20W (Square)         |
|---------------------------|-------------------------------|-------------------------------|
| LED Luminous Flux (Lumen) | 600(6W), 1000(10W), 2000(20W) | 600(6W), 1000(10W), 2000(20W) |
| LED Colour                |                               | CW/WW/NW                      |
| LED luminous Efficacy     |                               | 100 lm/W                      |
| Power Factor              |                               | >0.90                         |
| Supply Voltage            |                               | 220-240 VAC                   |
| Frequency Range           |                               | 50 Hz +/- 10%                 |
| Colour Rendering Index    |                               | >80                           |
| Operating Temperature     |                               | -10C to 50C                   |
| Working Humidity          |                               | 5%~95%RH                      |
| Enclosure                 |                               | Polycarbonate                 |

# LED BULKHEAD LIGHT



## TECHNICAL DESCRIPTION

A cost effective range of robust, vandal resistant, IP66 rated LED bulkhead luminaries.

Ideal for internal & external application, where durability & longevity are required, such as youth centres, housing association buildings, sports areas, public walkways and car parking.

## FEATURES

- Available in 12w with High system lumen efficacy: >85lm/w
- Replacement of a traditional CFL Bulkhead fixture.
- High colour rendering: CRI >80
- Standard 2700-6500K CCT
- IP Safe high efficient LED ensure system liability and legal risks free
- UV-stabilized PC diffuser for uniformed light distribution and high efficiency
- Also Available with turnkey solution.

## APPLICATIONS

- Walkways Rooftops / Balcony's
- Backyards / Garden wall
- Garages / Store room
- Staircase / Fire Exits
- For all Common areas Indoor & Outdoor

## TECHNICAL SPECIFICATION

| Model Number                     | ODY-HRT-012     | ODY-HRD-012    |
|----------------------------------|-----------------|----------------|
| Wattage                          | 12 w            | 12 w           |
| Colour                           | CW/WW/NW        | CW/WW/NW       |
| Housing size                     | 183x122x85.50mm | 182.50x90mm    |
| Material                         | Polycarbonate   | Polycarbonate  |
| Operating Voltage:               | 240V AC         | 240V AC        |
| Ambient Temperature              | -10° to +50° C  | -10° to +50° C |
| No. of LED's                     | 60              | 60             |
| Centre Distance of Mounting Hole | 183mm           | 176mm          |
| IP Rating                        | 65              | 65             |

# LED CONCEALED LIGHT



## TECHNICAL DESCRIPTION

We offer our clients Energy Saver Concealed Light, which are very useful lighting systems in different sectors like commercial and domestic. Our company manufactures the most graceful tube lights that can be availed from us at affordable prices.

## FEATURES

- Power Factor >0.9
- High Surge Protection : 2.5KV
- LED Life: 30.000 BH
- Optics : Polycarbonate Diffuser
- Easy Installation

- Wide Operating Voltage
- Energy Saving

## APPLICATIONS

- General Shops, Small Offices, Reception Areas, Restaurants, Hospital Lobbies & Passages.

## TECHNICAL SPECIFICATION

| Total Power Consumption   | 7W            | 9W  |
|---------------------------|---------------|-----|
| LED Luminous Flux (Lumen) | 700           | 900 |
| LED Colour                | CW/WW/NW      |     |
| LED luminous Efficacy     | 100 lm/W      |     |
| Power Factor              | >0.90         |     |
| Supply Voltage            | 220-240 VAC   |     |
| Frequency Range           | 50 Hz +/- 10% |     |
| Colour Rendering Index    | >80           |     |
| Operating Temperature     | -10°C to 50°C |     |
| Working Humidity          | 5%~95%RH      |     |
| Enclosure                 | Polycarbonate |     |

# Motion Sensor STREET LIGHT



## APPLICATIONS

City roads / highways / Industry and campuses  
Parking areas, parks and gardens

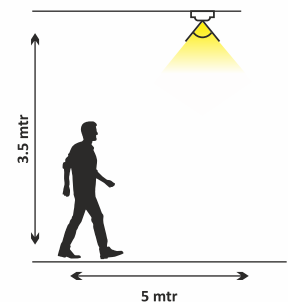
## TECHNICAL DESCRIPTION

LED street light having integral epoxy powder coated, die-casted aluminum enclosure, custom designed for maximum thermal efficiency with PC Lens and appropriate gasketing for weather proofing, Luminaries is fully pre-wired with high efficiency power factor corrected LED driver, designed for optimum efficiency of the LED's



## TECHNICAL SPECIFICATION

| Total Power Consumption | 20W                                 | 40W                                 |
|-------------------------|-------------------------------------|-------------------------------------|
| Wattage                 | 20W                                 | 40W                                 |
| Light Source            | LED                                 | LED                                 |
| Driver Technology       | in build : PF>0.9, THD<10%, EFF>85% | in build : PF>0.9, THD<10%, EFF>85% |
| Input Voltage           | 140- 270 VAC                        | 140- 270 VAC                        |
| Output Voltage          | 24- 32 VDC                          | 40- 45 VDC                          |
| Output Current          | 750mA                               | 0.750A                              |
| LED Used                | Seoul/OSRAM                         | Seoul/OSRAM                         |
| Colour Temperature      | 3000K, 5000K, 6500K                 | 3000K, 5000K, 6500K                 |
| CRI                     | <70                                 | <70                                 |
| IP Rating               | IP 66                               | IP 66                               |
| Enclosure               | Metal / Black                       | Metal / Black                       |



Bright Mode



Dim Mode



Occupancy Sensing



Day Night Sensing



Auto Dimming



Up to 70% Saving



Low Maintenance

# MICRO WAVE MOTION SENSOR SWITCH



ENERGY SAVING



ENVIRONMENT FRIENDLY



LONG LIFE



## Intelligent Auto - On Sophisticated Motion

*It can be used for controlling switch ON/OFF of the lighting area.*

### TECHNICAL SPECIFICATION

|                     |               |
|---------------------|---------------|
| Power Source        | 140Vac-300Vac |
| Power Frequency     | 50Hz          |
| Working Temperature | 0°C to +50°C  |
| Hold Time           | 30 Second     |
| Maximum Load        | 5 Amp         |
| Detection           | 7 Meter *     |

\* Depend upon surrounding



Head Office:



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