

RETAIL LIGHTING | OFFICE LIGHTING | INDUSTRIAL LIGHTING  
| STREET LIGHTING | LANDSCAPE LIGHTING



**C&S Electric Limited**

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**LED**  
LIGHTS

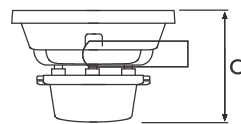
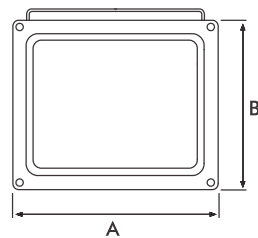
IT'S A BRIGHT IDEA.

Flood Lights



## ORION 1.0 | A green, energy-efficient solution for all floodlighting needs.

The Orion 1.0 series of flood lights equipped with high power LEDs are suitable for external lighting requirements like security lighting, mini-mast lighting, parking lots etc. These are highly aesthetic and an excellent replacement solution for halogens and HID lamp based flood light luminaires.



Product Code	Voltage (V)	Mains Current (A)	Wattage (W)	Dimensions (mm) ±2		
				A	B	C
LTEFI30WHPLED	240	0.140	30	226	186	125
LTEFI50WHPLED	240	0.235	50	226	186	125
LTEFI75WHPLED	240	0.350	75	283	235	140

All above values are nominal tolerance ±5%

### Specifications :-

- Housing material: High Pressure die cast aluminium housing with sealed toughened glass cover
- Mounting system: Wall, ceiling and surface mounting with various adjustment
- Light source: SMD LED array
- Color temperature: Cool white 6500K
- LED Efficacy: >120lm/W
- System efficacy: Up to 90lm/W\*
- CRI: >80
- Gear: Integrated constant current electronic driver
- Nominal voltage: 240V AC, 50 Hz
- Operating voltage range: 120V-280V
- Operating temperature: -20° to 55°C
- Total Harmonic Distortion: <10%
- Power Factor: >0.95
- Weather protection: IP66
- Electrical safety: Class I

### Features :-

- SMD LED array technology for higher heat dissipation and optimized photometry
- No UV or IR radiations
- Mercury free: Eco-Friendly green technology
- Up to 50%\* energy saving
- Long life LED: >50,000\* burning hours
- Consistent light output
- Maintenance free
- Easy to install & maintain
- Triple Locked with built-in Short-Circuit Protection, Overload Protection and Surge Protection

### Applications :-

- Security Lighting
- Minimast Lighting
- Tower Lighting
- Industrial Areas
- Parking lots
- Sports facility
- Architectural Façade
- Signboards
- Storage Yards



LONGER LIFE



EXTRA BRIGHT



ENERGY SAVING

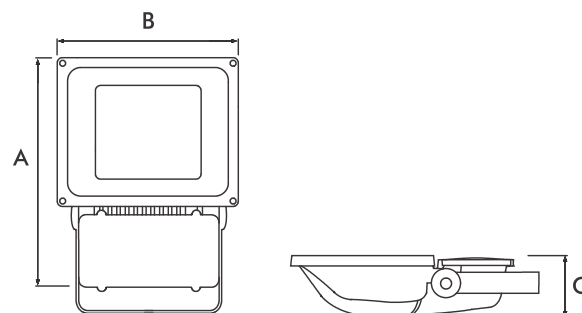


LATEST TECHNOLOGY



## ORION 2.0 | The versatile solution for security lighting, highmast lighting, parking lots sports facility, signboards etc.

The Orion 2.0 series of flood lights are suitable for exterior lighting requirements like high-mast lighting, tower lighting, architectural Façade etc. Its robust design equipped with high power LEDs ensures high lumen output.



LONGER LIFE



EXTRA BRIGHT



ENERGY SAVING



LATEST TECHNOLOGY

Product Code	Voltage (V)	Mains Current (A)	Wattage (W)	Dimensions (mm) ±2		
				A	B	C
LTEF1100WHPLED	240	0.470	100	365	286	101
LTEF120WHPLED	240	0.560	120	365	286	101
LTEF150WHPLED	240	0.700	150	365	286	101

All above values are nominal tolerance ±5%

### Specifications :-

- Housing material: High Pressure die cast aluminium housing with sealed toughened glass cover
- Mounting system: Wall, ceiling and surface mounting with various adjustment
- Light source: SMD LED array
- Color temperature: Cool white 6500K
- LED Efficacy: >120lm/W
- System efficacy: Up to 90lm/W\*
- CRI: >80
- Gear: Integrated constant current electronic driver
- Nominal voltage: 240V AC, 50 Hz
- Operating voltage range: 120V-280V
- Operating temperature: -20° to 55°C
- Total Harmonic Distortion: <10%
- Power Factor: >0.95
- Weather protection: IP66
- Electrical safety: Class I

### Features :-

- SMD LED array technology for higher heat dissipation and optimized photometry
- No UV or IR radiations
- Mercury free: Eco-Friendly green technology
- Up to 50%\* energy saving
- Long life LED: >50,000\* burning hours
- Consistent light output
- Maintenance free
- Easy to install & maintain
- Triple Locked with built-in Short-Circuit Protection, Overload Protection and Surge Protection

### Applications :-

- Security Lighting
- Highmast Lighting
- Tower Lighting
- Industrial Areas
- Parking lots
- Sports facility
- Architectural Façade
- Signboards
- Storage Yards



C&S Installations in India



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**LED**  
LIGHTS

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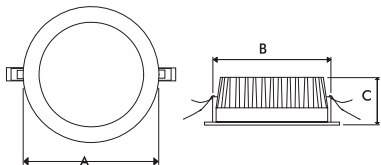
Down Lights



## DHRUV

The energy-efficient replacement for CFL and metal-halide based down lights .

Dhruv LED deep Downlights range is an ideal solution for all your interior lighting requirements. Its large size heat sink ensures proper thermal management of luminaire. The High lumen output downlight delivers soft and uniform light distribution.



Product Code	Voltage (V)	Mains Current (A)	Wattage (W)	Dimensions (mm) ±2		
				A	B	C
LTCR2X3HPLED/W	240	0.030	6	Ø96	Ø80	58
LTCR3X3HPLED/W	240	0.045	9	Ø96	Ø80	58
LTCR4X3HPLED/W	240	0.060	12	Ø138	Ø116	70
LTCR5X3HPLED/W	240	0.075	15	Ø138	Ø116	70
LTCR6X3HPLED/W	240	0.090	18	Ø138	Ø116	70
LTCR8X3HPLED/W	240	0.120	24	Ø198	Ø166	70

All above values are nominal tolerance ± 5%

Add "WW" for Warm White color e.g. **LTCR2X3HPLED/WW**

### Specifications :-

- Housing material: Pressure die-cast aluminium housing powder-coated white
- Mounting system: Recessed for false ceiling
- Light source: SMD LED array
- Color temperature: Cool white (6500K)/ Warm white (2700K)
- LED Efficacy: >120lm/W, System efficacy: Up to 85lm/W\*, CRI: >80
- Gear: Integrated constant current electronic driver
- Nominal voltage: 240V AC, 50 Hz, Operating voltage range: 120V-280V
- Operating temperature: -20° to 55°C
- Total Harmonic Distortion: <20%, Power Factor: >0.90
- Weather protection: IP 20

### Features :-

- Soft & Uniform light distribution, Modern aesthetic
- Optimized balance between low depth size and large heat-sinks, Suitable for poorly ventilated false-ceiling areas
- No UV & IR radiations, Mercury free: Eco-Friendly green technology
- Up to 50%\* energy saving, Long life LED: >50,000\* burning hours
- Provided with built-in Short-Circuit Protection and Surge Protection

### Applications :-

- General Lighting
- Conference rooms
- Offices
- Hotels and Restaurant
- Retail
- Healthcare & Education
- Shopping Malls



LONGER LIFE



EXTRA BRIGHT



ENERGY SAVING

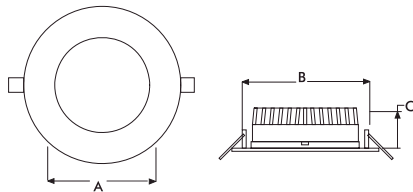


LATEST TECHNOLOGY



## CARINA RND | A space-efficient replacement for CFL and metal-halide based down lights

Carina RND LED Downlights range comes in various ratings offers smooth and uniform illumination. The environmental friendly Downlights are energy efficient and ideal solution for low depth ceiling installations.



LONGER LIFE



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ENERGY SAVING



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Product Code	Voltage (V)	Mains Current (A)	Wattage (W)	Dimensions (mm) ±2		
				A	B	C
LTCRSLM6HPLEDRND/W	240	0.030	6	Ø109	Ø94	30
LTCRSLM9HPLEDRND/W	240	0.045	9	Ø109	Ø94	30
LTCRSLM12HPLEDRND/W	240	0.060	12	Ø177	Ø148	30
LTCRSLM16HPLEDRND/W	240	0.080	16	Ø177	Ø148	30
LTCRSLM20HPLEDRND/W	240	0.100	20	Ø177	Ø148	30

All above values are nominal tolerance ±5%

Add "WW" for Warm White & "NW" for Natural White color e.g. **LTCRSLM6HPLEDRND/WW**

### Specifications :-

- Housing material: Pressure die-cast aluminium housing powder-coated white
- Mounting system: Recessed for false ceiling
- Light source: SMD LED array
- Color temperature: Cool white (6500K) / Natural White (4000K) / Warm white (2700K)
- LED Efficacy: >120lm/W, System efficacy: Up to 80lm/W\*, CRI: >80
- Gear: Integrated constant current electronic driver
- Nominal voltage: 240V AC, 50 Hz, Operating voltage range: 120V-280V
- Operating temperature: -20° to 55°C
- Total Harmonic Distortion: <30%, Power Factor: >0.90
- Weather protection: IP 6X

### Features :-

- Soft & Uniform light distribution
- Modern aesthetic
- Sleek and slim design
- No UV & IR radiations
- Mercury free: Eco-Friendly green technology
- Up to 50%\* energy saving
- Long life LED: >50,000\* burning hours
- Provided with built-in Short-Circuit Protection and Surge Protection

### Applications :-

- General Lighting
- Conference rooms
- Offices
- Hotels and Restaurant
- Retail
- Healthcare & Education
- Shopping Malls

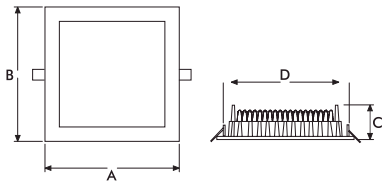




## CARINA SQ

A space-efficient replacement for CFL and metal-halide based down lights .

Carina SQ LED Downlights range adds aesthetic value to the ceiling and delivers glare free lighting. It is the ideal replacement for CFL and MH based Downlights.



LONGER LIFE



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ENERGY SAVING



LATEST TECHNOLOGY

Product Code	Voltage (V)	Mains Current (A)	Wattage (W)	Dimensions (mm) ±2			
				A	B	C	D
LTCRSLM6HPLEDSQ/W	240	0.030	6	109	109	30	95
LTCRSLM9HPLEDSQ/W	240	0.045	9	109	109	30	95
LTCRSLM12HPLEDSQ/W	240	0.060	12	152	152	30	132
LTCRSLM16HPLEDSQ/W	240	0.080	16	177	177	30	157
LTCRSLM20HPLEDSQ/W	240	0.100	20	177	177	30	157

All above values are nominal tolerance ± 5%

Add "WW" for Warm White & "NW" for Natural White color e.g. LTCRSLM6HPLEDSQ/WW

### Specifications :-

- Housing material: Pressure die-cast aluminium housing powder-coated white
- Mounting system: Recessed for false ceiling
- Light source: SMD LED array
- Color temperature: Cool white (6500K) /Natural White (4000K) /Warm white (2700K)
- LED Efficacy: >120lm/W, System efficacy: Up to 75lm/W\*, CRI: >80
- Gear: Integrated constant current electronic driver
- Nominal voltage: 240V AC, 50 Hz, Operating voltage range: 120V-280V
- Operating temperature: -20° to 55°C
- Total Harmonic Distortion: <30%, Power Factor: >0.90
- Weather protection: IP 6X

### Features :-

- Soft & Uniform light distribution
- Modern aesthetic
- Sleek and slim design
- No UV & IR radiations
- Mercury free: Eco-Friendly green technology
- Up to 50%\* energy saving
- Long life LED: >50,000\* burning hours
- Provided with built-in Short-Circuit Protection and Surge Protection

### Applications :-

- General Lighting
- Conference rooms
- Offices
- Hotels and Restaurant
- Retail
- Healthcare & Education
- Shopping Malls

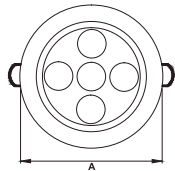
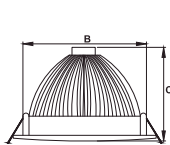




## LED MR-16 DOWNLIGHT

A green, energy-efficient solution for all areas whereas require downlight with focus adjustable function.

These elegant smart lights with narrow sharp beams, allowing directional aiming of the beams for maximum brightness and effect. These are best suited as spot lighting.



Product Code	Voltage (V)	Wattage (W)	Beam Angle (°)	Dimensions (mm) ±2		
				A	B	C
LTCR3X1HPLED/MR16/W	240	4	45	Ø94	Ø80	50
LTCR5X1HPLED/MR16/W	240	8	45	Ø94	Ø80	90

All above values are nominal tolerance ± 5%

Add "WW" for Warm White color e.g. LTCR3X1HPLED/MR16/WW

### Specifications :-

- Housing material: Pressure die-cast aluminium housing powder-coated white
- Mounting system: Recessed for false ceiling
- Light source: SMD LED array
- Color temperature: Cool white (6500K) /Warm white (2700K)
- LED Efficacy: >120lm/W, System efficacy: Up to 70lm/W\*, CRI: >70
- Gear: Integrated constant current electronic driver
- Nominal voltage: 240V AC, 50 Hz
- Operating voltage range: 120V-280V, Operating temperature: -20° to 55°C
- Weather protection: IP 20

### Features :-

- Soft & Uniform light distribution
- Modern aesthetic
- No UV & IR radiations
- Mercury free: Eco-Friendly green technology
- Up to 50%\* energy saving
- Long life LED: >50,000\* burning hours

### Applications :-

- Showrooms
- Architecture Lighting
- Hotels and Restaurant
- Retail
- Spot Lighting
- Shopping Malls



LONGER LIFE



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ENERGY SAVING



LATEST TECHNOLOGY



## eTONDA

The versatile solution for parks & gardens, walkways, staircases etc.

This luminaire can be installed as ceiling mounted and wall mounted. It serves as a simple energy efficient alternative to CFL/incandescent luminaires.



LONGER LIFE



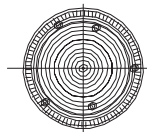
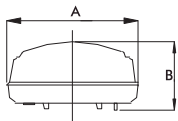
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ENERGY SAVING



LATEST TECHNOLOGY



Product Code	Voltage (V)	Mains Current (A)	Wattage (W)	Dimensions (mm) $\pm 2$	
				A	B
CG80B6WLED	240	0.035	6W	180	108
CG80B9WLED	240	0.045	9W	230	130

All above values are nominal tolerance  $\pm 5\%$

### Specifications :-

- Housing material: High impact Thermo-plastic housing
- Mounting system: Surface mounting
- Light source: SMD LED array
- Color temperature: Cool white (6500K)
- LED Efficacy:  $>120\text{lm/W}$
- System efficacy: Up to  $70\text{lm/W}^*$
- CRI:  $>80$
- Gear: Integrated constant current electronic driver
- Nominal voltage: 240V AC, 50 Hz
- Operating voltage range: 120V-280V
- Operating temperature:  $-20^\circ$  to  $55^\circ\text{C}$
- Total Harmonic Distortion:  $<30\%$
- Power Factor:  $>0.90$
- Weather protection: IP 55
- Impact protection: IK 09

### Features :-

- Soft & Uniform light distribution without leopard-spots effect
- Modern aesthetic
- No UV & IR radiations
- Mercury free: Eco-Friendly green technology
- Up to  $50\%^*$  energy saving
- Long life LED:  $>50,000^*$  burning hours
- Provided with built-in Surge Protection

### Applications :-

- Garages
- Cable gantries
- Staircases
- Emergency exists
- Storage areas
- Walkways



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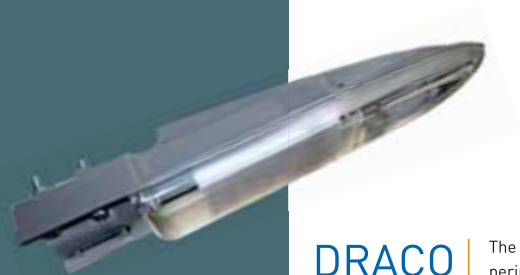


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**LED**  
LIGHTS

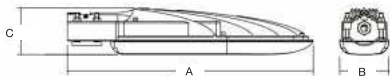
IT'S A BRIGHT IDEA.

Street Lights



## DRACO | The energy-efficient solution for service road / periphery lighting

The Green, Energy-Efficient Solution for secondary roads and pathways. The environment friendly product with no mercury content and saves up to 50% energy as compared to conventional fluorescent and CFL street lights.



LONGER LIFE



EXTRA BRIGHT



ENERGY SAVING



LATEST TECHNOLOGY

Product Code	Voltage (V)	Mains Current (A)	Wattage (W)	Pole Mounting Dia. (mm)	Dimensions (mm) ±2		
					A	B	C
LTESS12WLED	240	0,060	12	Ø 38	375	75	71
LTESS15WLED	240	0,075	15	Ø 38	375	75	71
LTESS18WLED	240	0,090	18	Ø 38	375	75	71
LTESS20WLED	240	0,100	20	Ø 38	375	75	71
LTESS25WLED	240	0,125	25	Ø 38	375	75	71

All above values are nominal tolerance ±5%

### Specifications :-

- Housing material: High Pressure die cast aluminium housing with sealed polycarbonate cover with prismatic optics to spread light and reduce direct glare
- Mounting system: Suitable for pole mounting
- Light source: SMD LED array
- Color temperature: Cool white 6500K
- LED Efficacy: >120lm/W, System efficacy:~70lm/W\*, CRI:~80
- Gear: Integrated constant current electronic driver
- Nominal voltage: 240V AC, 50 Hz
- Operating voltage range: 120V-280V
- Operating temperature: -20° to 55°C
- Total Harmonic Distortion: <20%, Power Factor: >0.90,
- Weather protection: IP 65
- Electrical safety: Class I

### Features :-

- SMD LED array technology for higher heat dissipation and optimized photometry
- No UV or IR radiations
- Mercury free: Eco-Friendly green technology
- Up to 50%\* energy saving
- Long life LED: >50,000\* burning hours
- Triple Locked with built-in Short-Circuit Protection, Overload Protection and Surge Protection

### Applications :-

- Secondary Roads
- Pathways
- Periphery Lighting
- Parking lots & Yards
- Public Parks
- Gated Communities







## INDUS WITH LENS

The energy-efficient solution for all kinds of street lighting

The Indus ranges of LED street lights equipped with engineered secondary lenses are available in various wattage and ratings. It is an ideal solution for replacing the energy consuming HID Luminares. The Eco-friendly and Energy efficient luminaire are totally weather proof and suitable for industrial areas and Street/Roads illumination.



LONGER LIFE



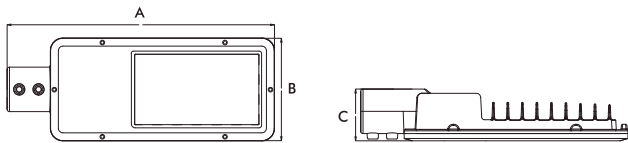
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ENERGY SAVING



LATEST TECHNOLOGY



Product Code	Voltage (V)	Mains Current (A)	Wattage (W)	Pole Mounting Dia. (mm)	Dimensions (mm) ±2		
					A	B	C
LTESS8X2.5HPLED/LS	240	0.100	20	Ø 42	348	133	70
LTESS10X2.5HPLED/LS	240	0.125	25	Ø 42	348	133	70
LTESS12X2.5HPLED/LS	240	0.150	30	Ø 42	348	133	70
LTESS18X2.5HPLED/LS	240	0.220	45	Ø 54	462	232	87
LTESS24X2.5HPLED/LS	240	0.295	60	Ø 54	462	232	87
LTESS30X2.5HPLED/LS	240	0.340	70	Ø 54	462	232	87
LTESS40X2.5HPLED/LS	240	0.440	90	Ø 63	510	290	70
LTESS48X2.5HPLED/LS	240	0.580	120	Ø 63	510	290	70
LTESS66X2.5HPLED/LS	240	0.730	150	Ø 63	645	305	75

All above values are nominal tolerance ±5%

### Specifications :-

- Housing material: High Pressure die cast aluminium housing with sealed toughened glass cover
- Mounting system: Suitable for pole mounting
- Light source: SMD LED array with lens
- Color temperature: Cool white 6500K (Other color temperature available on request)
- LED Efficacy: >120lm/W, System efficacy: ~90lm/W\*, CR1: ~80
- Driver: Integrated constant current electronic driver
- Nominal voltage: 240V AC, 50 Hz, Operating voltage range: 120V-280V
- Operating temperature: -20° to 55°C
- Total Harmonic Distortion: <10%, Power Factor: >0.95
- Weather protection: IP66, Electrical safety: Class I
- Built-in Surge Protection of Up to 5kV (Higher surge protection available on request)

### Features :-

- SMD LED array technology for higher heat dissipation and optimized photometry
- No UV or IR radiations, Mercury free: Eco-Friendly green technology
- Up to 50%\* energy saving, Long life LED: >50,000\* burning hours
- Triple Locked with built-in Short-Circuit Protection, Overload Protection and Surge Protection

### Applications :-

- City Streets
- Secondary Roads
- Highways & Expressways
- Junctions & Roundabouts
- Industrial area
- Parking lots & Yards
- Bridges
- Public Parks
- Ports & Airports



## INDUS WITHOUT LENS

The energy-efficient solution for all kinds of street lighting

The Indus ranges of LED street lights are available in various wattage and ratings. It is an ideal solution for replacing the energy consuming HID Luminares. The Eco-friendly and energy efficient luminaire are totally weather proof and suitable for industrial areas and Street/Roads illumination.



LONGER LIFE



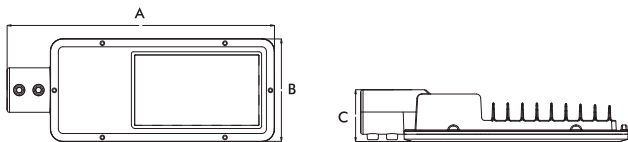
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Product Code	Voltage (V)	Mains Current (A)	Wattage (W)	Pole Mounting Dia. (mm)	Dimensions (mm) ±2		
					A	B	C
LTESS8X2.5HPLED	240	0.100	20	Ø 42	348	133	70
LTESS10X2.5HPLED	240	0.125	25	Ø 42	348	133	70
LTESS12X2.5HPLED	240	0.150	30	Ø 42	348	133	70
LTESS18X2.5HPLED	240	0.220	45	Ø 54	462	232	87
LTESS24X2.5HPLED	240	0.295	60	Ø 54	462	232	87
LTESS30X2.5HPLED	240	0.340	70	Ø 54	462	232	87
LTESS40X2.5HPLED	240	0.440	90	Ø 63	510	290	70
LTESS48X2.5HPLED	240	0.580	120	Ø 63	510	290	70
LTESS66X2.5HPLED	240	0.730	150	Ø 63	645	305	75

All above values are nominal tolerance ±5%

### Specifications :-

- Housing material: High Pressure die cast aluminium housing with sealed toughened glass cover
- Mounting system: Suitable for pole mounting
- Light source: SMD LED array
- Color temperature: Cool white 6500K (Other color temperature available on request)
- LED Efficacy: >120lm/W, System efficacy: ~90lm/W\*, CRI: ~80
- Driver: Integrated constant current electronic driver
- Nominal voltage: 240V AC, 50 Hz, Operating voltage range: 120V-280V
- Operating temperature: -20° to 55°C
- Total Harmonic Distortion: <10%, Power Factor: >0.95
- Weather protection: IP66, Electrical safety: Class I
- Built-in Surge Protection of Up to 5kV (Higher surge protection available on request)

### Features :-

- SMD LED array technology for higher heat dissipation and optimized photometry
- No UV or IR radiations, Mercury free: Eco-Friendly green technology
- Up to 50%\* energy saving, Long life LED: >50,000\* burning hours
- Triple Locked with built-in Short-Circuit Protection, Overload Protection and Surge Protection

### Applications :-

- City Streets
- Secondary Roads
- Highways & Expressways
- Junctions & Roundabouts
- Industrial area
- Parking lots & Yards
- Bridges
- Public Parks
- Ports & Airports

RETAIL LIGHTING | OFFICE LIGHTING | INDUSTRIAL LIGHTING  
| STREET LIGHTING | LANDSCAPE LIGHTING



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**LED**  
LIGHTS

IT'S A BRIGHT IDEA.

Modular Ceiling Lights



## CYGNUS-C

The perfect alternative to fluorescent & compact fluorescent indoor luminaires

Ceilings will never be the same with Cygnus-C series LED recessed mounting luminaire when illuminated produces a perfectly even glow that delivers exceptionally uniform light to fill the space.



LONGER LIFE



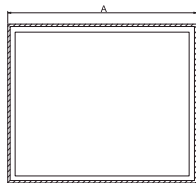
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ENERGY SAVING



LATEST TECHNOLOGY



Product Code	Voltage (V)	Mains Current (A)	Wattage (W)	Dimensions (mm) $\pm 2$		
				A	B	C
LTCRP36WLED2X2	240	0.175	36	595	595	54
LTCRP45WLED2X2	240	0.220	45	595	595	54

All above values are nominal tolerance  $\pm 5\%$

### Specifications :-

- Housing material: Pre-treated CRCA frame, in Powder coated white finish with Diffused PMMA refractor
- Mounting system: Recessed for false ceiling
- Light source: SMD LED array
- Color temperature: Cool white (6500K) / Warm white (2700K) available on request
- LED Efficacy:  $> 120 \text{lm/W}$
- System efficacy: Up to  $85 \text{lm/W}^*$
- CRI:  $> 80$
- Gear: Integrated constant current electronic driver
- Nominal voltage: 240V AC, 50 Hz
- Operating voltage range: 120V-280V
- Operating temperature:  $-20^\circ$  to  $55^\circ\text{C}$
- Total Harmonic Distortion:  $< 10\%$
- Power Factor:  $> 0.90$
- Weather protection: IP 20

### Features :-

- Soft & Uniform light distribution
- Modern aesthetic
- No UV & IR radiations
- Mercury free: Eco-Friendly green technology
- Up to  $50\%^*$  energy saving
- Long life LED:  $> 50,000^*$  burning hours
- Provided with built-in Short-Circuit Protection and Surge Protection

### Applications :-

- General Lighting
- Conference rooms
- Offices
- Hotels and Restaurant
- Retail
- Healthcare & Education
- Shopping Malls
- Ceiling troffer fixtures



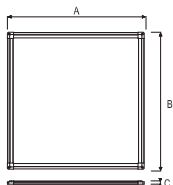




## CYGNUS

The perfect alternative to fluorescent & compact fluorescent indoor luminaires

Cygnus series of panel lights enhance the beauty and grace of your interior spaces. These slim edge-lit LED panels are designed with recess, surface and suspended mounting options to meet all installation needs.



LONGER LIFE



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ENERGY SAVING



LATEST TECHNOLOGY

Product Code	Voltage (V)	Mains Current (A)	Wattage (W)	Dimensions (mm) $\pm 2$		
				A	B	C
LTCRSLM18WATT1X1	240	0.090	18	320	320	12
LTCRSLM36WATT2X2*	240	0.175	36	595	595	12
LTCRSLM45WATT2X2*	240	0.220	45	595	595	12
LTCRSLM36WATTM2X2	240	0.175	36	610	610	12
LTCRSLM45WATTM2X2	240	0.220	45	610	610	12

\*Available with recess mounting option only.

All above values are nominal tolerance  $\pm 5\%$

### Specifications :-

- Housing material: Extruded aluminum frame powder coated white with milky diffuser
- Mounting system: Recess, Surface and Suspended type
- Light source: SMD LED array
- Color temperature: Cool white (6500K) / Warm white (2700K) available on request
- LED Efficacy:  $>120\text{lm/W}$ , System efficacy: Up to  $100\text{lm/W}^*$ , CRI:  $>80$
- Gear: Integrated constant current electronic driver
- Nominal voltage: 240V AC, 50 Hz, Operating voltage range: 120V-280V
- Operating temperature:  $-20^\circ$  to  $55^\circ\text{C}$
- Total Harmonic Distortion:  $<10\%$ , Power Factor:  $>0.95$
- Weather protection: IP 6X

### Features :-

- Soft & Uniform light distribution
- Sleek and slim design
- Modern aesthetic
- No UV & IR radiations
- Mercury free: Eco-Friendly green technology
- Up to 50%\* energy saving
- Long life LED:  $>50,000^*$  burning hours
- Provided with built-in Short-Circuit Protection and Surge Protection

### Applications :-

- General Lighting
- Conference rooms
- Offices
- Hotels and Restaurant
- Retail
- Healthcare & Education
- Shopping Malls
- Ceiling troffer fixtures



## CYGNUS

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LONGER LIFE



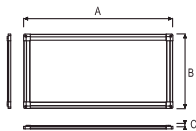
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ENERGY SAVING



LATEST TECHNOLOGY



Product Code	Voltage (V)	Mains Current (A)	Wattage (W)	Dimensions (mm) $\pm 2$		
				A	B	C
LTCRSLM24WATT1X2	240	0.120	24	610	320	12
LTCRSLM28WATT1X2	240	0.140	28	610	320	12

All above values are nominal tolerance  $\pm 5\%$

### Specifications :-

- Housing material: Extruded aluminum frame powder coated white with milky diffuser
- Mounting system: Recess, Surface and Suspended type
- Light source: SMD LED array
- Color temperature: Cool white (6500K) / Warm white (2700K) available on request
- LED Efficacy:  $>120\text{lm/W}$ , System efficacy: Up to  $100\text{lm/W}^*$ , CRI:  $>80$
- Gear: Integrated constant current electronic driver
- Nominal voltage: 240V AC, 50 Hz,
- Operating voltage range: 120V-280V
- Operating temperature:  $-20^\circ$  to  $55^\circ\text{C}$
- Total Harmonic Distortion:  $<10\%$ ,
- Power Factor:  $>0.95$
- Weather protection: IP 6X

### Features :-

- Soft & Uniform light distribution
- Sleek and slim design
- Modern aesthetic
- No UV & IR radiations
- Mercury free: Eco-Friendly green technology
- Up to 50%\* energy saving
- Long life LED:  $>50,000^*$  burning hours
- Provided with built-in Short-Circuit Protection and Surge Protection

### Applications :-

- General Lighting
- Conference rooms
- Offices
- Hotels and Restaurant
- Retail
- Healthcare & Education
- Shopping Malls
- Ceiling troffer fixtures



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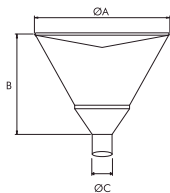
Landscape Lights



## LED POST TOP LANTERN

A green, energy-efficient solution  
for all parks & garden lighting.

C&S Decorative LED Post top lantern is a weather proof indirect lighting solution for gardens and park lighting applications. It's advanced LED optical system provides improved horizontal and vertical uniformity, reduced glare and improved lighting control.



Product Code	Voltage (V)	Mains Current (A)	Wattage (W)	Dimensions (mm) ±2		
				A	B	C
LTGL30-24X1HPLED	240	0.145	30	Ø425	660	Ø60

All above values are nominal tolerance ±5%

### Specifications :-

- Housing material: Powder coated die cast aluminium alloy with UV stabilized clear one piece PMMA diffuser
- Mounting system: Suitable for 40 to 50mm O.D. mounting pipes
- Light source: SMD LED array
- Color temperature: Cool white(6500K)
- LED Efficacy: >120lm/W
- CRI: >80
- Gear: Integrated constant current electronic driver
- Nominal voltage: 240V AC, 50 Hz
- Operating voltage range: 120V-280V
- Operating temperature: -20° to 55°C
- Total Harmonic Distortion: <30%
- Power Factor: >0.90
- Weather protection: IP 66

### Features :-

- Direct -Indirect lighting distribution
- Soft & Uniform light distribution
- Modern aesthetic
- No UV & IR radiations
- Mercury free: Eco-Friendly green technology
- Up to 50%\* energy saving
- Long life LED: >50,000\* burning hours
- Fully weather proof

### Applications :-

- Parks and gardens
- Site & Public areas
- General lighting
- Security lighting
- Pathways
- Landscape lighting



LONGER LIFE



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ENERGY SAVING



LATEST TECHNOLOGY

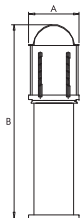




## LED BOLLARD

A green, energy-efficient solution  
for all parks, gardens and pathway lighting.

C&S Decorative LED Bollard is an ideal solution for gardens, parks, pathways and parking area lighting. The bollard in powder coated finish comes with single piece PMMA diffuser which delivers diffused mellow light.



Product Code	Voltage (V)	Mains Current (A)	Wattage (W)	Dimensions (mm) ±2	
				A	B
LTGLCW6WLED	240	0.030	6	Ø114	850
LTGLCW9WLED	240	0.045	9	Ø114	850

All above values are nominal tolerance ±5%

### Specifications :-

- Housing material: Powder coated Zn plated ERW MS tubular sections
- Light source: SMD LED array
- Color temperature: Cool white (6500K)
- LED Efficacy: >120lm/W
- CRI: >80
- Gear: Integrated constant current electronic driver
- Nominal voltage: 240V AC, 50 Hz
- Operating voltage range: 120V-280V
- Operating temperature: -20° to 55°C
- Total Harmonic Distortion: <30%
- Power Factor: >0.90
- Weather protection: IP 66

### Features :-

- Soft & Uniform light distribution
- Modern aesthetic
- No UV & IR radiations
- Mercury free: Eco-Friendly green technology
- Up to 50%\* energy saving
- Long life LED: >50,000\* burning hours
- Fully weather proof

### Applications :-

- Parks and gardens
- Site & Public areas
- General lighting
- Security lighting
- Pathways
- Landscape lighting



LONGER LIFE



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LATEST TECHNOLOGY

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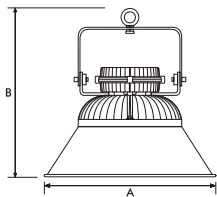
Industrial Lights



## CORVUS

The versatile solution for highbay and midbay lighting in industrial and public spaces.

Corvus is a versatile solution for Industrial and Public Spaces. The luminaire is equipped with specially designed heat sink for proper thermal management and long life. Its optical compartment ensures the proper light distribution and optimized photometric pattern.



LONGER LIFE



EXTRA BRIGHT



ENERGY SAVING



LATEST TECHNOLOGY

Product Code	Voltage (V)	Mains Current (A)	Wattage (W)	Dimensions (mm) ±2	
				A	B
LTEHB75WHPLED/LS	240	0.350	75	Ø438	458
LTEHB90WHPLED/LS	240	0.420	90	Ø438	458
LTEHB120WHPLED/LS	240	0.560	120	Ø438	458
LTEHB150WHPLED/LS	240	0.700	150	Ø438	458

All above values are nominal tolerance ± 5%

### Specifications :-

- Housing material: High Pressure die cast aluminium housing with sealed toughened glass cover provided with low glare, Matt finish, Quad-Elliptical designed reflector
- Mounting system: Suspended type
- Light source: SMD LED array with lens
- Color temperature: Cool white 6500K
- LED Efficacy: >120lm/W, System efficacy: Up to 95lm/W\*, CRI: >80
- Gear: Integrated constant current electronic driver
- Nominal voltage: 240V AC, 50 Hz
- Operating voltage range: 120V-280V, Operating temperature: -20° to 55°C
- Total Harmonic Distortion: <10%, Power Factor: >0.95
- Weather protection: IP 65
- Electrical safety: Class I

### Features :-

- SMD LED array technology for optimized photometric pattern provided with secondary lens of Wavelength Matched High-Transmittivity PCCA
- No UV or IR radiations
- Mercury free: Eco-Friendly green technology
- Up to 50%\* energy saving
- Long life LED: >50,000\* burning hours
- Consistent light output
- Unique Tilt-Yes mounting design. Mounting-eyebolt combined with adjustable cradle
- Maintenance free
- Easy to install & maintain
- Triple Locked with built-in Short-Circuit Protection, Overload Protection and Surge Protection



### Applications :-

- Ware Houses
- Atriums Public Halls
- Railway Concourse
- Shopping Malls
- Steel Plants
- Thermal Plants
- Heavy Engineering Industries

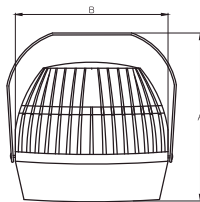




## ARIES

It is an ideal replacement of conventional well glass luminaires

LED based well glass luminaire, offers a direct replacement of HPSV and MH well glass fixtures with a potential to save Up to 50% of energy saving without compromising lighting parameters. It is ideal for use in dusty environments and offers stable and consistent performance over product lifetime.



Product Code	Voltage (V)	Mains Current (A)	Wattage (W)	Dimensions (mm) ±2	
				A	B
LTIW36WLED	240	0.180	36	228	216
LTIW42WLED	240	0.200	42	228	216

All above values are nominal tolerance ±5%

### Specifications :-

- Housing material: High Pressure die cast aluminium housing with polycarbonate/Glass diffuser
- Mounting system: Dedicated mounting bracket with various adjustment
- Light source: SMD LED array
- Color temperature: Cool white (6500K)
- LED Efficacy: >120lm/W, System efficacy: Up to 100lm/W\*, CRI: >80
- Gear: Integrated constant current electronic driver
- Nominal voltage: 240V AC, 50 Hz
- Operating voltage range: 120V-280V
- Operating temperature: --20° to 55°C
- Total Harmonic Distortion: <15%
- Power Factor: >0.90
- Weather protection: IP 66
- Electrical safety: Class I

### Features :-

- Latest LED technology for higher heat dissipation and optimized photometry
- No UV or IR radiations
- Mercury free: Eco-Friendly green technology
- Up to 50%\* energy saving
- Long life LED: >50,000\* burning hours
- Consistent light output
- Maintenance free
- Easy to install & maintain
- Triple Locked with built-in Short-Circuit Protection, Overload Protection and Surge Protection

### Applications :-

- Power plants
- Cement plants
- Steel plants
- Material handling system



LONGER LIFE



EXTRA BRIGHT



ENERGY SAVING



LATEST TECHNOLOGY



## LED INDUSTRIAL BATTEN

The green energy efficient solution for factories, stores, warehouses lighting in industrial and public spaces.

The Industrial batten range is designed to be a direct replacement for conventional battens 1X36/40W and 2X36/40W with savings of more than 50%\* and without compromising on lighting performance.



LONGER LIFE



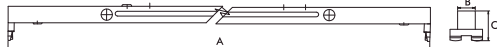
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ENERGY SAVING



LATEST TECHNOLOGY



Product Code	Voltage (V)	Mains Current (A)	Wattage (W)	Beam Angle (°)	Dimensions (mm) ±2		
					A	B	C
LTIC00120WLED/WD	240	0.100	1X20	160	1242	55	77
LTIC00220WLED/WD	240	0.200	2X20	160	1242	101	77

All above values are nominal tolerance ±5%

### Specifications :-

- Housing material: Pre-treated CRCA MS Channel and cover complete with all accessories
- Shell material : High technology crosslinking polycarbonate compound
- Mounting system: Surface or ceiling
- Light source: SMD LED array
- Color temperature: Cool white (6500K)
- LED Efficacy: >120lm/W
- System efficacy: Up to 115lm/W\*
- CRI: >80
- Gear: Integrated constant current electronic driver
- Nominal voltage: 240V AC, 50 Hz
- Operating voltage range: 120V-280V
- Operating temperature: -20° to 55°C
- Total Harmonic Distortion: <30%
- Power Factor: >0.90
- Weather protection: IP 6X

### Features :-

- Soft & Uniform light distribution without leopard-spots effect
- Modern aesthetic
- No UV & IR radiations
- Mercury free: Eco-Friendly green technology
- Up to 50%\* energy saving
- Long life LED: >50,000\* burning hours
- Provided with built-in Short-Circuit Protection and Surge Protection

### Applications :-

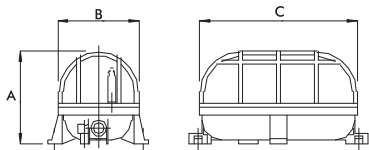
- Retail
- Parking areas
- Railway waiting rooms/Platforms
- Industries
- Warehouses





## eTARTA | A green, energy-efficient solutions for balconies, garages, emergency exits etc.

This luminaire can be installed as ceiling mounted and wall mounted. It serves as a simple energy efficient alternative to CFL/ incandescent bulkhead luminaires.



Product Code	Voltage (V)	Mains Current (A)	Wattage (W)	Dimensions (mm) $\pm 2$		
				A	B	C
CG80IB6WLED	240	0.035	6W	108	131	265

All above values are nominal tolerance  $\pm 5\%$

### Specifications :-

- Housing material: High impact Thermo-plastic housing with Heat resistant prismatic polycarbonate cover
- Mounting system: Surface or ceiling
- Light source: SMD LED array
- Color temperature: Cool white (6500K)
- LED Efficacy: >120lm/W
- System efficacy: Up to 70lm/W\*
- CRI: >80
- Gear: Integrated constant current electronic driver
- Nominal voltage: 240V AC, 50 Hz
- Operating voltage range: 120V-280V
- Operating temperature:  $-20^{\circ}$  to  $55^{\circ}$ C
- Total Harmonic Distortion: <30%
- Power Factor: >0.90
- Weather protection: IP 55
- Impact protection: IK 09

### Features :-

- Soft & Uniform light distribution without leopard-spots effect
- Modern aesthetic
- No UV & IR radiations
- Mercury free: Eco-Friendly green technology
- Up to 50%\* energy saving
- Long life LED: >50,000\* burning hours
- Provided with built-in Surge Protection

### Applications :-

- Basements
- Balconies
- Corridors
- Garages
- Cable gantries
- Staircases
- Emergency exits



LONGER LIFE



EXTRA BRIGHT



ENERGY SAVING



LATEST TECHNOLOGY

## C&S Installations in India

