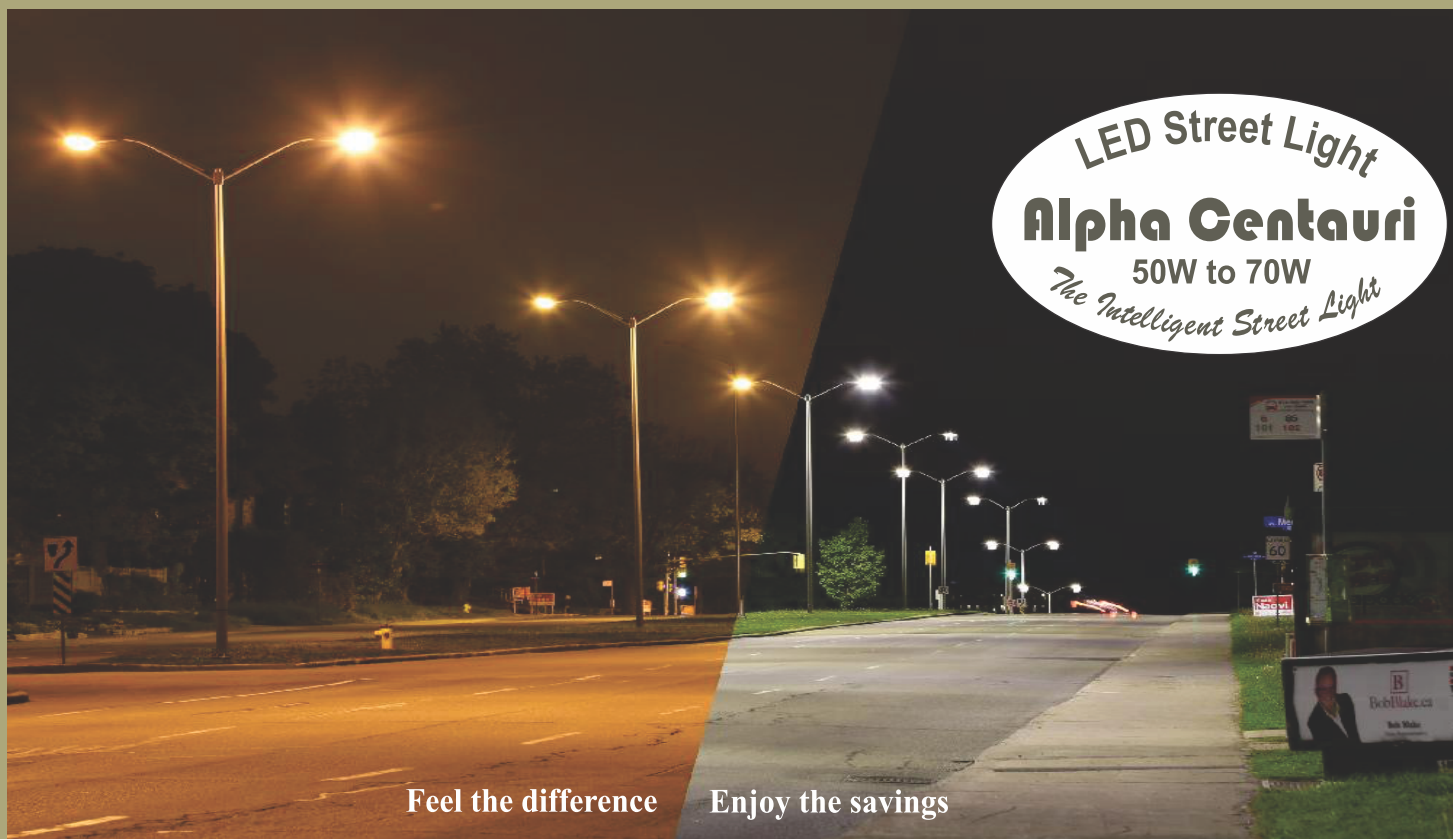


# LED STREET LIGHT



LED Street Light  
**Alpha Centauri**  
50W to 70W  
*The Intelligent Street Light*

Feel the difference

Enjoy the savings

## ALPHA CENTAURI STREET LIGHT

### Product Features:

#### Optical Parameters:

- ✓ LED Module: 1 Pcs - C.O.B. Technology
- ✓ Lumen per Watt: > 100 - 105 LM/W
- ✓ CRI: Ra > 75-85
- ✓ C.C.T: 3000K to 6000K
- ✓ LED Initial Flux: 5250LM
- ✓ Beam Angle: 90° to 120°
- ✓ Illuminance Uniformity: > 0.45

#### Electrical Parameters:

- ✓ Power: 50W - 70W
- ✓ T.H.D: Not more than 15 %
- ✓ Power Factor: >0.95 for Cool White
- ✓ Capacity to withstand surges: Upto 4 KV
- ✓ LED Work Voltage: DC30 to 36V

#### Mechanical Parameters:

- ✓ Product Size(mm): L500 x W214 x H80mm
- ✓ Lamp Shell(mm): Black or Grey
- ✓ Housing Color: Grey
- ✓ Working Temperature: - 30°C to +55°C
- ✓ Storage Temperature: - 40°C to +70°C
- ✓ Connect wire: Brown/Blue/Yellow
- ✓ IP Class: Ip65

\* Specifications of in compliance with IS16103, IS16105, IS106, EC 61000-4.5 and IS1471

### ★ Product Highlights:

- ★ Architectural Style
- ★ Intelligent Design
- ★ Minimum rated life: 50,000 hrs
- ★ Saves maintenance & replacement cost
- ★ Lower electricity cost
- ★ Approved for outdoor use
- ★ Energy saving
- ★ Easy to Install
- ★ Aging test at least 12 hours for all LED light source and LED Driver
- ★ CE and RoHS compliance
- ★ Non-dimmable
- ★ Warranty: 3years



# Alpha Centauri ..... The Intelligent Street Light

Street Lights			Product Specification												
Reference No	Product Code	Material	Electrical Parameters		IP Degree	LED			Optics			Power Quality			Warranty
			Rated voltage	W		Chip	Chip Type	Chip Qty.	CCT	Lumen	CRI	PF	THD	Surge Protection	
VCHH-LD003-50W	VCAC50W CWW	Die-Cast Aluminum	AC 85-265V ~50/60HZ	50W	IP65	Bridgelux*	COB	1	3000K	4750	>75	>0.95	Less than 15%	Upto 4KV	3 year
	VCAC50W CCW	Die-Cast Aluminum	AC 85-265V ~50/60HZ	50W	IP65	Bridgelux*	COB	1	6000K	5250	>75	>0.95	Less than 15%	Upto 4KV	3 year
VCHH-LD003-70W	VCAC70W CWW	Die-Cast Aluminum	AC 85-265V ~50/60HZ	70W	IP65	Bridgelux*	COB	1	3000K	6650	>75	>0.95	Less than 15%	Upto 4KV	3 year
	VCAC70W CCW	Die-Cast Aluminum	AC 85-265V ~50/60HZ	70W	IP65	Bridgelux*	COB	1	6000K	7350	>75	>0.95	Less than 15%	Upto 4KV	3 year

\* Also available with Epistar or Cree Chip

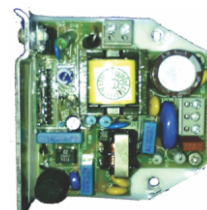
## Street Light Casing:

High Quality die-cast aluminum body with silicon gasket sealing having IP65 grade case. Designed to work as good heat sink upto 100 watts super bright high power LED chips and COBs. A well designed heat sink cum housing enables a high level trouble free performance.



## LED Driver :

Designed to work in an industrial harsh environments and provides constant power to the LED circuit to maintain standard brightness from 85VAC to 265VAC @ 50 ± 3 Hz frequency with PFC > 0.95 and Efficiency > 87%.

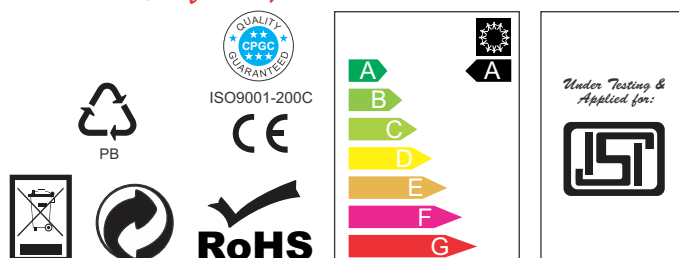


## LED CHIP ON BOARD (COB):

High Quality LED Chip-on-Board Array with Substantial Design Flexibility provides high quality light in a compact and cost effective solid state lighting package. Street Lighting System is designed to deliver increased system level efficiency and long service life. COB Chips feature High Flux Density in small source package.



## Product Conformity:



Packing List								
Reference No	Product Code	Material	Rated Power	Pcs / Ctn	Measurements (cm)			Net Wt. (kgs)
					L	W	H	
VCHH-LD003-50W	VCAC50W CWW	Die-Cast Aluminum	50W	1	54.5	22.5	12.5	3.0
	VCAC50W CCW	Die-Cast Aluminum	50W	1	54.5	22.5	12.5	3.0
VCHH-LD003-70W	VCAC70W CWW	Die-Cast Aluminum	70W	1	56	25	11.5	3.5
	VCAC70W CCW	Die-Cast Aluminum	70W	1	56	25	11.5	3.5

# Visual Comfort Street Lighting Private Limited

Regd. Office: H.No.26-28-54/B, Jammichettu Street, A.T.Agraharam, Guntur - 522004, Andhra Pradesh, India.

M: 9393927393, E-mail: visualstreet2015@gmail.com.

Branches: Hyderabad, Telangana State, India & Bangalore, Karnataka State, India.

# LED STREET LIGHT



LED Street Light  
**Proxima Centauri**  
100W to 120W  
*The Intelligent Street Light*

Feel the difference

Enjoy the savings

## ALPHA CENTAURI STREET LIGHT

### Product Features:

#### Optical Parameters:

- ✓ LED Module: 2 Pcs - C.O.B. Technology
- ✓ Lumen per Watt: > 100 - 105 LM/W
- ✓ CRI: Ra > 75-85
- ✓ C.C.T: 3000K to 6000K
- ✓ LED Initial Flux: 10500LM
- ✓ Beam Angle: 90° to 120°
- ✓ Illuminance Uniformity: > 0.45

#### Electrical Parameters:

- ✓ Power: 100W - 120W
- ✓ T.H.D: Not more than 15 %
- ✓ Power Factor: >0.95 for Cool White
- ✓ Capacity to withstand surges: Upto 4 KV
- ✓ LED Work Voltage: DC30 to 36V

#### Mechanical Parameters:

- ✓ Product Size(mm): L700 x W280 x H100mm
- ✓ Lamp Shell(mm): Black or Grey
- ✓ Housing Color: Grey
- ✓ Working Temperature: - 30°C to +55°C
- ✓ Storage Temperature: - 40°C to +70°C
- ✓ Connect wire: Brown/Blue/Yellow
- ✓ IP Class: IP65

\* Specifications of in compliance with IS16103, IS16105, IS106, EC 61000-4.5 and IS1471

### ★ Product Highlights:

- ★ Architectural Style
- ★ Intelligent Design
- ★ Minimum rated life: 50,000 hrs
- ★ Saves maintenance & replacement cost
- ★ Lower electricity cost
- ★ Approved for outdoor use
- ★ Energy saving
- ★ Easy to Install
- ★ Aging test at least 12 hours for all LED light source and LED Driver
- ★ CE and RoHS compliance
- ★ Non-dimmable
- ★ Warranty: 3years





# Proxima Centauri ..... *The Intelligent Street Light*

Street Lights			Product Specification												
Reference No	Product Code	Material	Electrical Parameters		IP Degree	LED			Optics			Power Quality		Surge Protection	Warranty
			Rated voltage	W		Chip	Chip Type	Chip Qty.	CCT	Lumen	CRI	PF	THD		
VCHH-LD003-100W	VCPC100W CWW	Die-Cast Aluminum	AC 85-265V ~50/60HZ	100W	IP65	Bridgelux*	COB	2	3000K	10500	>75	>0.95	Less than 15%	Upto 4KV	3 year
	VCPC100W CCW	Die-Cast Aluminum	AC 85-265V ~50/60HZ	100W	IP65	Bridgelux*	COB	2	6000K	10500	>75	>0.95	Less than 15%	Upto 4KV	3 year
VCHH-LD003-120W	VCPC120W CWW	Die-Cast Aluminum	AC 85-265V ~50/60HZ	120W	IP65	Bridgelux*	COB	2	3000K	12600	>75	>0.95	Less than 15%	Upto 4KV	3 year
	VCPC120W CCW	Die-Cast Aluminum	AC 85-265V ~50/60HZ	120W	IP65	Bridgelux*	COB	2	6000K	12600	>75	>0.95	Less than 15%	Upto 4KV	3 year

\* Also available with Epistar or Cree Chip

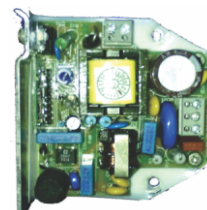
## Street Light Casing:

High Quality die-cast aluminum body with silicon gasket sealing having IP65 grade case. Designed to work as good heat sink upto 150 watts super bright high power LED chips and COBs. A well designed heat sink cum housing enables a high level trouble free performance.



## LED Driver :

Designed to work in an industrial harsh environments and provides constant power to the LED circuit to maintain standard brightness from 85VAC to 265VAC @ 50 ± 3 Hz frequency with PFC > 0.95 and Efficiency > 87%.

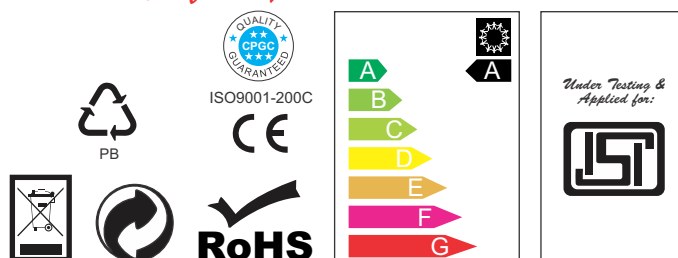


## LED CHIP ON BOARD (COB):

High Quality LED Chip-on-Board Array with Substantial Design Flexibility provides high quality light in a compact and cost effective solid state lighting package. Street Lighting System is designed to deliver increased system level efficiency and long service life. COB Chips feature High Flux Density in small source package.



## Product Conformity:



Packing List								
Reference No	Product Code	Material	Rated Power	Pcs / Ctn	Measurements (cm)			Net Wt. (kgs)
					L	W	H	
VCHH-LD003-100W	VCPC100W CWW	Die-Cast Aluminum	100W	1	76	30	13.5	4
	VCPC100W CCW	Die-Cast Aluminum	100W	1	76	30	13.5	4
VCHH-LD003-120W	VCPC120W CWW	Die-Cast Aluminum	120W	1	76	30	15	4.5
	VCPC120W CCW	Die-Cast Aluminum	120W	1	76	30	15	4.5

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# LED STREET LIGHT



LED Street Light  
**Supernova**  
150W to 180W  
*The Intelligent Street Light*

Feel the difference

Enjoy the savings

## SUPERNOVA STREET LIGHT

### Product Features:

#### Optical Parameters:

- ✓ LED Module: 3 Pcs - C.O.B. Technology
- ✓ Lumen per Watt: > 100 - 105 LM/W
- ✓ CRI: Ra > 75-85
- ✓ C.C.T: 3000K to 6000K
- ✓ LED Initial Flux: 15750LM
- ✓ Beam Angle: 90° to 120°
- ✓ Illuminance Uniformity: > 0.45

#### Electrical Parameters:

- ✓ Power: 150W - 180W
- ✓ T.H.D: Not more than 15 %
- ✓ Power Factor: >0.95 for Cool White
- ✓ Capacity to withstand surges: Upto 4 KV
- ✓ LED Work Voltage: DC30 to 36V

#### Mechanical Parameters:

- ✓ Product Size(mm): L700 x W340 x H122mm
- ✓ Lamp Shell(mm): Black or Grey
- ✓ Housing Color: Grey
- ✓ Working Temperature: - 30°C to +55°C
- ✓ Storage Temperature: - 40°C to +70°C
- ✓ Connect wire: Brown/Blue/Yellow
- ✓ IP Class: IP65

\* Specifications of in compliance with IS16103, IS16105, IS106, EC 61000-4.5 and IS1471

### ★ Product Highlights:

- |                                        |                                                                        |
|----------------------------------------|------------------------------------------------------------------------|
| ★ Architectural Style                  | ★ Energy saving                                                        |
| ★ Intelligent Design                   | ★ Easy to Install                                                      |
| ★ Minimum rated life: 50,000 hrs       | ★ Aging test at least 12 hours for all LED light source and LED Driver |
| ★ Saves maintenance & replacement cost | ★ CE and RoHS compliance                                               |
| ★ Lower electricity cost               | ★ Non-dimmable                                                         |
| ★ Approved for outdoor use             | ★ Warranty: 3years                                                     |



# Supernova ..... The Intelligent Street Light

Panel Lights			Product Specification												
Reference No	Product Code	Material	Electrical Parameters		IP Degree	LED			Optics			Power Quality		Surge Protection	Warranty
			Rated voltage	W		Chip	Chip Type	Chip Qty.	CCT	Lumen	CRI	PF	THD		
VCHH-LD003-150W	VCSN150W CWW	Die-Cast Aluminum	AC 85-265V ~50/60HZ	150W	IP65	Bridgelux*	COB	3	3000K	15750	>75	>0.95	Less than 15%	Upto 4KV	3 year
	VCSN150W CCW	Die-Cast Aluminum	AC 85-265V ~50/60HZ	150W	IP65	Bridgelux*	COB	3	6000K	15750	>75	>0.95	Less than 15%	Upto 4KV	3 year
VCHH-LD003-180W	VCSN180W CWW	Die-Cast Aluminum	AC 85-265V ~50/60HZ	180W	IP65	Bridgelux*	COB	3	3000K	18000	>75	>0.95	Less than 15%	Upto 4KV	3 year
	VCSN180W CCW	Die-Cast Aluminum	AC 85-265V ~50/60HZ	180W	IP65	Bridgelux*	COB	3	6000K	18000	>75	>0.95	Less than 15%	Upto 4KV	3 year

\* Also available with Epistar or Cree Chip

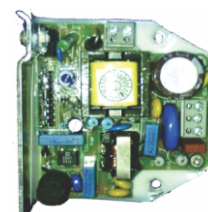
## Street Light Casing:

High Quality die-cast aluminum body with silicon gasket sealing having IP65 grade case. Designed to work as good heat sink upto 200 watts super bright high power LED chips and COBs. A well designed heat sink cum housing enables a high level trouble free performance.



## LED Driver :

Designed to work in an industrial harsh environments and provides constant power to the LED circuit to maintain standard brightness from 85VAC to 265VAC @ 50 ± 3 Hz frequency with PFC > 0.95 and Efficiency > 87%.

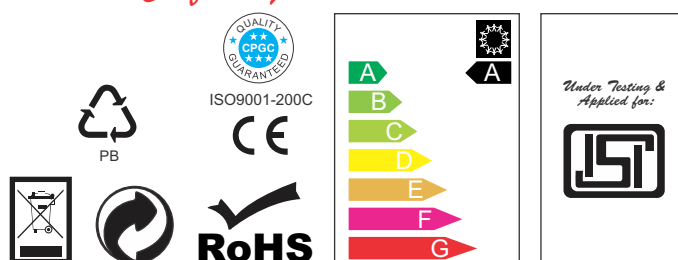


## LED CHIP ON BOARD (COB):

High Quality LED Chip-on-Board Array with Substantial Design Flexibility provides high quality light in a compact and cost effective solid state lighting package. Street Lighting System is designed to deliver increased system level efficiency and long service life. COB Chips feature High Flux Density in small source package.



## Product Conformity:



Packing List								
Reference No	Product Code	Material	Rated Power	Pcs / Ctn	Measurements (cm)			Net Wt. (kgs)
					L	W	H	
VCHH-LD003-150W	VCSN150W CWW	Die-Cast Aluminum	150W	1	93.5	36.0	14.5	5.0
	VCSN150W CCW	Die-Cast Aluminum	150W	1	93.5	36.0	14.5	5.0
VCHH-LD003-180W	VCSN180W CWW	Die-Cast Aluminum	180W	1	93.5	36.0	14.5	5.0
	VCSN180W CCW	Die-Cast Aluminum	180W	1	93.5	36.0	14.5	5.0

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# LED STREET LIGHT



LED Street Light  
**Black Dwarf**  
15W to 20W  
*The Intelligent Street Light*

Feel the difference

Enjoy the savings

## BLACK DWARF STREET LIGHT

### Product Features:

#### Optical Parameters:

- ✓ LED Module: High Wattage LED's
- ✓ Lumen per Watt: > 95 - 105 LM/W
- ✓ CRI: Ra > 75-85
- ✓ C.C.T: 3000K to 6000K
- ✓ LED Initial Flux: 1900LM
- ✓ Beam Angle: H: 135° to V: 65°
- ✓ Illuminance Uniformity: > 0.45

#### Electrical Parameters:

- ✓ Power: 15W - 20W
- ✓ T.H.D: Not more than 15 %
- ✓ Power Factor: >0.95 for Cool White
- ✓ Capacity to withstand surges: Upto 4 KV
- ✓ LED Work Voltage: DC30 to 36V

#### Mechanical Parameters:

- ✓ Product Size(mm): L400 x W150 x H70mm
- ✓ Lamp Shell(mm): Black or Grey
- ✓ Housing Color: Grey
- ✓ Working Temperature: - 30°C to +55°C
- ✓ Storage Temperature: - 40°C to +70°C
- ✓ Connect wire: Brown/Blue/Yellow
- ✓ IP Class: IP65

\* Specifications of in compliance with IS16103, IS16105, IS106, EC 61000-4.5 and IS1471

### Product Highlights:

- |                                        |                                                                        |
|----------------------------------------|------------------------------------------------------------------------|
| ☆ Architectural Style                  | ☆ Energy saving                                                        |
| ☆ Intelligent Design                   | ☆ Easy to Install                                                      |
| ☆ Minimum rated life: 50,000 hrs       | ☆ Aging test at least 12 hours for all LED light source and LED Driver |
| ☆ Saves maintenance & replacement cost | ☆ CE and RoHS compliance                                               |
| ☆ Lower electricity cost               | ☆ Non-dimmable                                                         |
| ☆ Approved for outdoor use             | ☆ Warranty: 3years                                                     |





# Black Dwarf ..... The Intelligent Street Light

Panel Lights			Product Specification												
Reference No	Product Code	Material	Electrical Parameters		IP Degree	LED			Optics			Power Quality		Surge Protection	Warranty
			Rated voltage	W		Chip	Chip Type	Chip Qty.	CCT	Lumen	CRI	PF	THD		
VCHH-LD003-15W	VCBD15W MWW	Sheet Aluminum	AC 85-265V ~50/60HZ	15W	IP65	Cree*	High Power	15	3000K	1400	>70	>0.95	Less than 15%	Upto 4KV	3 year
	VCBD15W MCW	Sheet Aluminum	AC 85-265V ~50/60HZ	15W	IP65	Cree*	High Power	15	6000K	1600	>70	>0.95	Less than 15%	Upto 4KV	3 year
VCHH-LD003-20W	VCBD20W MWW	Sheet Aluminum	AC 85-265V ~50/60HZ	20W	IP65	Cree*	High Power	20	3000K	1900	>70	>0.95	Less than 15%	Upto 4KV	3 year
	VCBD20W MCW	Sheet Aluminum	AC 85-265V ~50/60HZ	20W	IP65	Cree*	High Power	20	6000K	2100	>70	>0.95	Less than 15%	Upto 4KV	3 year

\*Epistar are also available

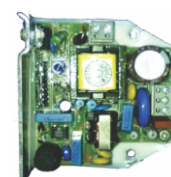
## Street Light Housing:

High Quality Sheet aluminum body with silicon gasket sealing having IP65 grade case. Designed to work as good heat sink upto 30 watts super bright high power LED chips and COBs. A well designed heat sink cum housing enables a high level trouble free performance.



## LED Driver :

Designed to work in an industrial harsh environments and provides constant power to the LED circuit to maintain standard brightness from 85VAC to 265VAC @ 50 ± 3 Hz frequency with PFC > 0.95 and Efficiency > 87%.

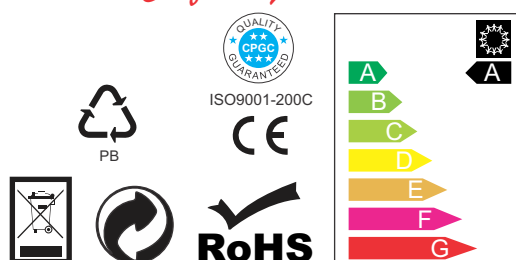


## LED M P C B :

High Grade copper cladded aluminum PCB with thickness of 1mm to ensure good dissipation of heat generated by the LED chips. Ensuring long life for the LED chips.



## Product Conformity:



Packing List								
Reference No	Product Code	Material	Rated Power	Pcs / Ctn	Measurements (cm)			Net Wt. (kgs)
					L	W	H	
VCHH-LD003-15W	VCBD15W MWW	Sheet Aluminum	15W	1	50	20	80	2.0
	VCBD15W MCW	Sheet Aluminum	15W	1	50	20	80	2.0
VCHH-LD003-20W	VCBD20W MWW	Sheet Aluminum	20W	1	50	20	80	2.0
	VCBD20W MCW	Sheet Aluminum	20W	1	50	20	80	2.0

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# LED STREET LIGHT



LED Street Light  
**Black Hole**  
 30W to 45W  
*The Intelligent Street Light*

Feel the difference

Enjoy the savings

## BLACK HOLE STREET LIGHT

### Product Features:

#### Optical Parameters:

- ✓ LED Module: High Wattage LED's
- ✓ Lumen per Watt: > 95 - 105 LM/W
- ✓ CRI: Ra > 75-85
- ✓ C.C.T: 3000K to 6000K
- ✓ LED Initial Flux: 2850LM
- ✓ Beam Angle: H: 135° to V: 65°
- ✓ Illuminance Uniformity: > 0.45

#### Electrical Parameters:

- ✓ Power: 30W - 45W
- ✓ T.H.D: Not more than 15 %
- ✓ Power Factor: >0.95 for Cool White
- ✓ Capacity to withstand surges: Upto 4 KV
- ✓ LED Work Voltage: DC30 to 36V

#### Mechanical Parameters:

- ✓ Product Size(mm): L400 x W150 x H70mm
- ✓ Lamp Shell(mm): Black or Grey
- ✓ Housing Color: Grey
- ✓ Working Temperature: - 30°C to +55°C
- ✓ Storage Temperature: - 40°C to +70°C
- ✓ Connect wire: Brown/Blue/Yellow
- ✓ IP Class: IP65

\* Specifications of in compliance with IS16103, IS16105, IS106, EC 61000-4.5 and IS1471

### Product Highlights:

- |                                        |                                                                        |
|----------------------------------------|------------------------------------------------------------------------|
| ☆ Architectural Style                  | ☆ Energy saving                                                        |
| ☆ Intelligent Design                   | ☆ Easy to Install                                                      |
| ☆ Minimum rated life: 50,000 hrs       | ☆ Aging test at least 12 hours for all LED light source and LED Driver |
| ☆ Saves maintenance & replacement cost | ☆ CE and RoHS compliance                                               |
| ☆ Lower electricity cost               | ☆ Non-dimmable                                                         |
| ☆ Approved for outdoor use             | ☆ Warranty: 3years                                                     |



# Black Hole ..... The Intelligent Street Light

Street Lights			Product Specification												
Reference No	Product Code	Material	Electrical Parameters		IP Degree	LED			Optics			Power Quality			Warranty
			Rated voltage	W		Chip	Chip Type	Chip Qty.	CCT	Lumen	CRI	PF	THD	Surge Protection	
VCHH-LD003-30W	VCBH30W MWW	Sheet Aluminum	AC 85-265V ~50/60HZ	30W	IP65	Cree*	High Power	15	3000K	2800	>70	>0.95	Less than 15%	Upto 4KV	3 year
	VCBH30W MCW	Sheet Aluminum	AC 85-265V ~50/60HZ	30W	IP65	Cree*	High Power	15	6000K	3100	>70	>0.95	Less than 15%	Upto 4KV	3 year
VCHH-LD003-45W	VCBH45W MWW	Sheet Aluminum	AC 85-265V ~50/60HZ	45W	IP65	Cree*	High Power	15	3000K	4200	>70	>0.95	Less than 15%	Upto 4KV	3 year
	VCBH45W MCW	Sheet Aluminum	AC 85-265V ~50/60HZ	45W	IP65	Cree*	High Power	15	6000K	4500	>70	>0.95	Less than 15%	Upto 4KV	3 year

\*Epistar are also available

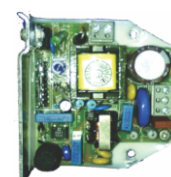
## Street Light Housing:

High Quality Sheet aluminum body with silicon gasket sealing having IP65 grade case. Designed to work as good heat sink upto 50 watts super bright high power LED chips and COBs. A well designed heat sink cum housing enables a high level trouble free performance.



## LED Driver :

Designed to work in an industrial harsh environments and provides constant power to the LED circuit to maintain standard brightness from 85VAC to 265VAC @ 50 ± 3 Hz frequency with PFC > 0.95 and Efficiency > 87%.

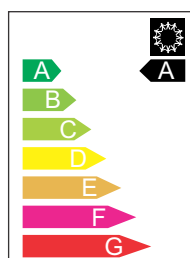


## LED M P C B :

High Grade copper cladded aluminum PCB with thickness of 1mm to ensure good dissipation of heat generated by the LED chips. Ensuring long life for the LED chips.



## Product Conformity:



Packing List								
Reference No	Product Code	Material	Rated Power	Pcs / Ctn	Measurements (cm)			Net Wt. (kgs)
					L	W	H	
VCHH-LD003-30W	VCBH30W MWW	Sheet Aluminum	30W	1	50	20	80	2.0
	VCBH30W MCW	Sheet Aluminum	30W	1	50	20	80	2.0
VCHH-LD003-45W	VCBH45W MWW	Sheet Aluminum	45W	1	50	20	80	2.0
	VCBH45W MCW	Sheet Aluminum	45W	1	50	20	80	2.0

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Branches: Hyderabad, Telangana State, India & Bangalore, Karnataka State, India.



# EMERGENCY LIGHT



## WHITE DWARF EMERGENCY LIGHT

### Product Features:

#### Optical Parameters:

- ✓ LED Module: 1 Pcs - COB Technology
- ✓ Lumen per Watt: > 90LM/W
- ✓ CRI: Ra > 70
- ✓ C.C.T: 2700K to 6500K
- ✓ LED Initial Flux: 650LM
- ✓ Beam Angle: H: 120°
- ✓ Illuminance Uniformity: > 0.45

#### Electrical Parameters:

- ✓ Power: 10W - 50W
- ✓ T.H.D: Not more than 15 %
- ✓ Power Factor: >0.95 for Cool White
- ✓ Capacity to withstand surges: Upto 4 KV
- ✓ Battery Capacity: 7.4V, 2200 mAh
- ✓ Main Charger Output: 8.4V, 1000mAh
- ✓ Working Time: 4 hrs on full charge

#### Mechanical Parameters:

- ✓ Product Size(mm):  
10W: L115 x W68 x H226mm  
50W: L287 x W237 x H335mm
- ✓ Lamp Shell(mm): Yellow & Black
- ✓ Housing Color: Grey
- ✓ Working Temperature: - 30°C to +55°C
- ✓ Storage Temperature: - 40°C to +70°C
- ✓ Connect wire: Brown/Blue/Yellow

### Product Highlights:

- ☆ Architectural Style
- ☆ Intelligent Design
- ☆ Minimum rated life: 50,000 hrs
- ☆ Saves maintenance & replacement cost
- ☆ Lower electricity cost
- ☆ Approved for outdoor use
- ☆ Energy saving
- ☆ Easy to Install
- ☆ Aging test at least 12 hours for all LED light source and LED Driver
- ☆ CE and RoHS compliance
- ☆ Non-dimmable



# White Dwarf ..... For Sustainable Emergency Lighting

Street Lights																Product Specification									
Reference No	Product Code	Material	Electrical Parameters		IP Degree	LED			Optics			Power Quality			Warranty										
			Rated voltage	W		Chip	Chip Type	Chip Qty.	CCT	Lumen	CRI	PF	Battery Capacity	Working Time											
VCHH-LD003-10W	VCWD10W MWW	Sheet Aluminum	AC 85-265V ~50/60HZ	10W	IP65	Epistar	High Power	1	3000K	650	>70	>0.95	7.4V, 2200mAh	4 Hrs	2 year										
	VCWD10W MCW	Sheet Aluminum	AC 85-265V ~50/60HZ	10W	IP65	Epistar	High Power	1	6000K	950	>70	>0.95	7.4V, 2200mAh	4 Hrs	2 year										
VCHH-LD003-50W	VCWD50W MWW	Sheet Aluminum	AC 85-265V ~50/60HZ	50W	IP65	Epistar	High Power	1	3000K	3250	>70	>0.95	7.4V, 2200mAh	4 Hrs	2 year										
	VCWD50W MCW	Sheet Aluminum	AC 85-265V ~50/60HZ	50W	IP65	Epistar	High Power	1	6000K	4750	>70	>0.95	7.4V, 2200mAh	4 Hrs	2 year										

\* Epistar and Cree are also available

## Flood Light Housing:

High Quality Aluminum body with silicon gasket sealing having IP54 grade case. Designed to work as good heat sink upto 50 watts super bright high power LED chips and COBs. A well designed heat sink cum housing enables a high level trouble free performance.



## LED Driver :

Designed to work in an industrial harsh environments and provides constant power to the LED circuit to maintain standard brightness from 85VAC to 265VAC @ 50 ± 3 Hz frequency with PFC > 0.95 and Efficiency > 87%.

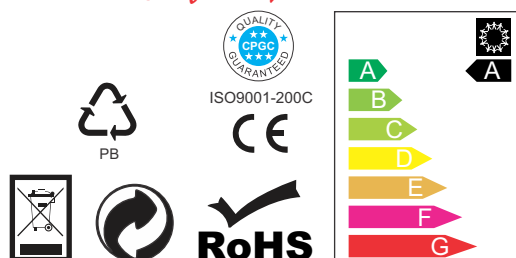


## LED CHIP ON BOARD (COB):

High Quality LED Chip-on-Board Array with Substantial Design Flexibility provides high quality light in a compact and cost effective solid state lighting package. Street Lighting System is designed to deliver increased system level efficiency and long service life. COB Chips feature High Flux Density in small source package.



## Product Conformity:



Packing List								
Reference No	Product Code	Material	Rated Power	Pcs / Ctn	Measurements (cm)			Net Wt. (kgs)
					L	W	H	
VCHH-LD003-30W	VCWD10W MWW	Sheet Aluminum	30W	1	13.5	7.5	24	3.5
	VCWD10W MCW	Sheet Aluminum	30W	1	13.5	7.5	24	3.5
VCHH-LD003-50W	VCWD50W MWW	Sheet Aluminum	45W	1	30	25	35	4.5
	VCWD50W MCW	Sheet Aluminum	45W	1	30	25	35	4.5

# Visual Comfort Street Lighting Private Limited

Regd. Office: H.No.26-28-54/B, Jammichettu Street, A.T.Agraharam, Guntur - 522004, Andhra Pradesh, India.

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Branches: Hyderabad, Telangana State, India & Bangalore, Karnataka State, India.

# LED STREET LIGHT



## SIRIUS STREET LIGHT

### Product Features:

#### Optical Parameters:

- ✓ LED Module: High Power LED's
- ✓ Lumen per Watt: > 90 LM/W
- ✓ CRI: Ra > 70
- ✓ C.C.T: 2700K to 6500K
- ✓ LED Initial Flux: 4500LM
- ✓ Beam Angle: 120°
- ✓ Illuminance Uniformity: > 0.45

#### Electrical Parameters:

- ✓ Power: 56W
- ✓ T.H.D: Not more than 15 %
- ✓ Power Factor: >0.95 for Cool White
- ✓ Capacity to withstand surges: Upto 4 KV
- ✓ LED Work Voltage: DC30 to 36V

#### Mechanical Parameters:

- ✓ Product Size(mm): L400 x W350 x H150mm
- ✓ Lamp Shell(mm): Silver
- ✓ Housing Color: Silver Grey
- ✓ Working Temperature: - 40°C to +60°C
  - ✓ Storage Temperature: - 40°C to +70°C
- ✓ Connect wire: Brown/Blue/Yellow
- ✓ IP Class: IP65

\* Specifications of in compliance with IS16103, IS16105, IS106, EC 61000-4.5 and IS1471

### ★ Product Highlights:

- |                                        |                                                                        |
|----------------------------------------|------------------------------------------------------------------------|
| ★ Architectural Style                  | ★ Energy saving                                                        |
| ★ Intelligent Design                   | ★ Easy to Install                                                      |
| ★ Minimum rated life: 50,000 hrs       | ★ Aging test at least 12 hours for all LED light source and LED Driver |
| ★ Saves maintenance & replacement cost | ★ CE and RoHS compliance                                               |
| ★ Lower electricity cost               | ★ Non-dimmable                                                         |
| ★ Approved for outdoor use             | ★ Warranty: 3years                                                     |





# Sirius ..... The Intelligent Street Light

Street Lights			Product Specification												
Reference No	Product Code	Material	Electrical Parameters		IP Degree	LED			Optics			Power Quality			Warranty
			Rated voltage	W		Chip	Chip Type	Chip Qty.	CCT	Lumen	CRI	PF	THD	Surge Protection	
VCZH-S1003-56W	VCSR56W MWW	Sheet Aluminum	AC 85-265V ~50/60HZ	56W	IP65	Epistar	High Power	56	3000K	4500	>70	>0.95	Less than 15%	Upto 4KV	3 year
	VCSR56W MCW	Sheet Aluminum	AC 85-265V ~50/60HZ	56W	IP65	Epistar	High Power	56	6000K	5600	>70	>0.95	Less than 15%	Upto 4KV	3 year

## Street Light Casing:

High Quality die-cast aluminum body with silicon gasket sealing having IP65 grade case. Designed to work as good heat sink upto 100 watts super bright high power LED chips and COBs. A well designed heat sink cum housing enables a high level trouble free performance.



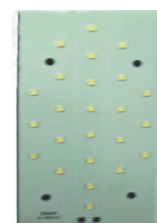
## LED Driver :

Designed to work in an industrial harsh environments and provides constant power to the LED circuit to maintain standard brightness from 85VAC to 265VAC @ 50 ± 3 Hz frequency with PFC > 0.95 and Efficiency > 87%.

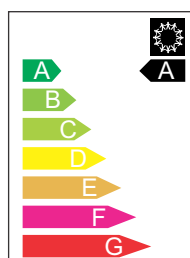


## LED M P C B :

High Grade copper clad aluminum PCB with thickness of 1mm to ensure good dissipation of heat generated by the LED chips. Ensuring long life for the LED chips.



## Product Conformity:



Packing List								
Reference No	Product Code	Material	Rated Power	Pcs / Ctn	Measurements (cm)			Net Wt. (kgs)
					L	W	H	
VCZH-S1003-56W	VCSR56W MWW	Sheet Aluminum	56W	1	50	40	11.5	3.5
	VCSR56W MCW	Sheet Aluminum	56W	1	56	25	11.5	3.5

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