



Hello Future !!

"Chaliye India Ko Roshan Karte Hai"



Product Catalogue

Professional Outdoor & Commercial Lighting Solution



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Mission

Our Company aims to expand its business in distant marketplaces with complete honesty and integrity. We strive to make Eco-friendly products which are highly sustainable.

Our company is helping customers by offering them nothing less than best service, quality and value.

With our LED's we're spreading power of light.

The vision of our reputed business unit is to be recognized as India's only customer focused entity.

We dream of having our LED products in every Indian and International spaces.

Vision

Core Values

The core value of our company rests behind the fact that every deed in our organization is done to build a positive team and family spirit amongst the co-workers so as to deliver best lighting solutions to the buyers. We as a company are a team of passionate and determined individuals who work with commitment to execute each business projects with complete ease. We are humble and focused to deliver best products at the client's destination henceforth maintain an open & honest relationship. Our brochure features our own brands of LED lighting, but we can also meet any LED lighting you require.

- **Client-oriented approach**
- **Prompt delivery**
- **Competent team of professionals**
- **Realistic price structure**
- **Customization facility**
- **Stringent quality standards**
- **Strong logistic support**

Why Aster LED?

Valuable Customers



The image displays 18 logos of valuable customers arranged in a grid of diamond shapes. The logos include:

- BHEL** (Bharat Heavy Electricals Limited)
- IndianOil** (Indian Oil Corporation)
- Amrit Cement**
- RELIANCE Power** (Anil Dhirubhai Ambani Group)
- LT** (Larsen & Toubro)
- SAIL** (Steel Authority of India Limited)
- Southern Power** (Distribution Company of T.S. Ltd.)
- Lanco Hills** (a world within)
- ORIENT CEMENT**
- GIFT** (GUJARAT INTERNATIONAL FINANCE TEC-CITY)
- GAIL (India) Limited** (Gas Authority of India Limited)
- KVIOC** (Kakinada Marine & Offshore Complex Ltd.)
- C-PGCL** (Chennai Petroleum Corporation Limited)
- KSIEB** (Kerala State Industrial Enterprises Board)
- meil** (Megha Engineering & Infrastructures Limited)
- dishman**
- emami**
- AL Faraj Group Dubai**
- NPCIL** (Nuclear Power Corporation of India Limited)
- adani Power**

Established in the year 2015, Aster Industries by operating as a manufacturer and supplier render energy-efficient lighting solutions that not only brighten up the surroundings but also save money of clients on the electricity bills as well.

Our range comprising LED Panel Lights, LED Surface Light, LED Street Lights, LED Tube Lights, LED Flood Lights and many more is widely recognized for better illuminating quality and Eco-friendly nature. The main goal of Aster LED is to provide our clients with innovative LED lighting products for commercial and Industrial use that will lower energy and maintenance costs and reduce their carbon footprint.

We offer a complete line of our own brand of lights for new installation or ready to easily replace existing light fixtures, we have spent a lot of time at development stages to ensure we perfect our products to offer a high end range at very competitive prices to meet all budgets. At this stage we consider our brand to now be recognized as a leading player within the LED industry.





Dipak Jadav :

WE ARE NOW IN AN EVER-CHANGING MARKET ENVIRONMENT. IN SUCH SITUATION, WE FIRMLY BELIEVE THAT "TRUST" IS THE KEY ELEMENT IN PERSUADING CUSTOMERS TO CHOOSE OUR QUALITY PRODUCTS. WE TOTALLY ACCEPT THAT "TRUST" CAN CREATE A "WIN-WIN SITUATION" FOR A LONG DEEPER RELATIONSHIP.

OUR DISTRIBUTED PRODUCTS WITH LATEST TECHNOLOGIES AND EXCELLENT SERVICE ARE DIVERSE. IT IS EASY TO FIND THEM IN EVERY CORNER INDUSTRIAL ACTIVITY AND COMMUNITY LIVING. WE WILL CONTINUE OUR ENDLESS EFFORT TO SERVE OUR VALUABLE CUSTOMERS.

Nilesh Rakholiya :

PROGRESS FOR ME HAS NEVER BEEN A DREAM. IT HAS ALWAYS BEEN A DISTANT REALITY AND ONCE ONE MILESTONE IS ACHIEVED, THERE IS ALWAYS ANOTHER ONE WAITING TO BE CROSSED.

ON BEHALF OF THE ASTER LED, I WOULD LIKE TO THANK OUR VALUABLE CUSTOMERS, RELIABLE DEALERS AND WORLD-CLASS SUPPLIERS. BESIDES, I WOULD LIKE TO MAKE A SPECIAL MENTION OF OUR STAFFS' ENTHUSIASTIC CONTRIBUTION IN ESTABLISHING OUR ORGANIZATION. THE ONE THING I WOULD LIKE TO PRESENT IS THAT OUR LEADERSHIP IS A RESULT OF OUR EMPLOYEES.

Anil Kumbhani :

ASTER IS COMMITTED TO OFFER ADVANCED DESIGN SOLUTIONS AND ADOPTION OF THE STATE OF THE ART TECHNOLOGIES WITH LEAN MANUFACTURING PROCESS TO DELIVER WORLD CLASS QUALITY PRODUCTS FOR OUTDOOR AND INDOOR LIGHTING.

TEAM ASTER AIMS AT ACHIEVING "TOTAL CUSTOMER SATIFICATION" BY OFFERING ZERO DEFECT PRODUCTS AT COMPETITIVE PRICE. COMPANY PURSUE THIS GOAL WITH RELENTLESS ZEAL AND DYNAMISM CONSTANTLY ENDEAVOR TO ADD VALUE TO ALL STAKEHOLDERS.



COMPAQ STREET LIGHT



Features and Advantages

1. Compaq Design
2. Budget Product
3. Energy saving Product
4. Long and predictable life time
5. No problem with immediate restart
6. Quick turn on and off
7. More accurate color rendering

Specifications

Input Voltage	110V to 285V AC						
Power consumption	30W	36W	50W	60W	100W	120W	150W
Lumens	3900	4680	6500	7800	13000	15600	19500
Light Source	1 Watt, 3030 LED						
LED Life	=> 50,000 Hrs*						
Colour Temperature	Cool White 6500K , Warm White 2700-3000K						
System efficacy	>90%						
Colour Index (CRI)	>80%						
Beam Angle	120 Degrees						
Power Factor (PF)	>0.95%						
Protections	Short Circuit, Open Circuit, Over Voltage Protection, Under Voltage Protection, (All protections should be auto restart)						
THD	<= 10%						
Electronic efficiency	>= 85%						
Surge withstand	4-6 Kv						
Working Temp	-40°C + 80°C						
Enclosure	Pressure Die Cast Aluminium with efficient heat dissipation design and coating						
Glass Material	5 mm Toughened Glass (IK07)						
Ingress Protection	IP 65						
Connecting cable	3 core (Minimum 0.75 Sq mm)						
Dimensions (MM)	340*117*60	340*117*60	390*157*60	390*157*60	475*227*85	475*227*85	475*227*85
Weight	0.9 Kg	0.9 Kg	1.5 Kg	1.5 Kg	3.3 Kg	3.3 Kg	3.5 Kg
Pipe I.D.	38 mm	38 mm	42 mm	42 mm	55 mm	55 mm	55 mm





STREET LIGHT



Features and Advantages

1. Design and Style
2. Tremendous Energy Saving
3. Universal Input Voltage
4. No Pollution to Power Network
5. Start Without Delay
6. Quick turn on and off
7. More accurate color rendering

Specifications

Input Voltage	110V to 285V AC											
Power consumption	24W	30W	36W	50W	60W	72W	90W	100W	120W	150W	200W	240W
Lumens	3120	3900	4680	6500	7800	9360	11700	13000	15600	19500	26000	31200
Light Source	1 Watt, 3030 LED											
LED Life	=>50,000 Hrs*											
Colour Temperature	Cool White 6500K , Warm White 2700-3000K											
System efficacy	>90%											
Colour Index (CRI)	>80%											
Beam Angle	120 Degrees											
Power Factor (PF)	>0.95%											
Protections	Short Circuit, Open Circuit, Over Voltage Protection, Under Voltage Protection, (All protections should be auto restart)											
THD	<=10%											
Electronic efficiency	>=85%											
Surge withstand	4-6 Kv											
Working Temp	-40°C + 80°C											
Enclosure	Pressure Die Cast Aluminium with efficient heat dissipation design and coating											
Glass Material	5 mm Toughened Glass (IK07)											
Ingress Protection	IP65											
Connecting cable	3 core (Minimum 0.75 Sq mm)											
Dimensions (MM)	340*117*60	390*157*60	390*157*60	410*184*60	410*184*60	410*184*60	410*184*60	532*266*83	532*266*83	532*266*83	532*266*83	532*266*83
Weight	0.8 Kg	1.2 Kg	1.2 Kg	1.8 Kg	1.8 Kg	1.8 Kg	1.9 Kg	3.6 Kg	3.8 Kg	4.1 Kg	4.2 Kg	4.2 Kg
Pipe I.D.	38 mm	40 mm	40 mm	43 mm	43 mm	43 mm	43 mm	53 mm	53 mm	53 mm	53 mm	53 mm





LENS STREET LIGHT



Features and Advantages

1. Compaq Design
2. No UV radiation
3. Cost and Energy Saving
4. Long and predictable life time
5. No problem with immediate restart
6. Quick turn on and off
7. More accurate color rendering

Specifications

Input Voltage	110V to 285V AC					
Power consumption	24W	30W	36W	50W	72W	100W
Lumens	3120	3900	4680	6500	9360	13000
Light Source	1 Watt, 3030 LED					
LED Life	=> 50,000 Hrs*					
Colour Temperature	Cool White 6500K , Warm White 2700-3000K					
System efficacy	>90%					
Colour Index (CRI)	>80%					
Beam Angle	120 Degrees					
Power Factor (PF)	>0.95%					
Protections	Short Circuit, Open Circuit, Over Voltage Protection, Under Voltage Protection, (All protections should be auto restart)					
THD	<= 10%					
Electronic efficiency	>= 85%					
Surge withstand	4-6 Kv					
Working Temp	-40°C + 80°C					
Enclosure	Pressure Die Cast Aluminium with efficient heat dissipation design and coating					
Diffuser Material	PMMA Lens					
Ingress Protection	IP65					
Connecting cable	3 core (Minimum 0.75 Sq mm)					
Dimensions (MM)	340*117*60	340*117*60	340*117*60	390*157*60	390*157*60	475*227*85
Weight	0.9 Kg	0.9 Kg	900 Gram	1.5 Kg	1.5 Kg	3.3 Kg
Pipe I.D.	40 mm	40 mm	40 mm	40 mm	40 mm	40 mm





FRAME STREET LIGHT



Features and Advantages

1. No Warm Up Necessary
2. Saves Your City Money
3. Lower Crime Rates
4. Long and predictable life time
5. No problem with immediate restart
6. Quick turn on and off
7. More accurate color rendering

Specifications

Input Voltage	110V to 285V AC				
Power consumption	50W	60W	120W	150W	200W
Lumens	3120	3900	4680	6500	9360
Light Source	1 Watt, 3030 LED				
LED Life	=> 50,000 Hrs*				
Colour Temperature	Cool White 6500K , Warm White 2700-3000K				
System efficacy	>90%				
Colour Index (CRI)	>80%				
Beam Angle	120 Degrees				
Power Factor (PF)	>0.95%				
Protections	Short Circuit, Open Circuit, Over Voltage Protection, Under Voltage Protection, (All protections should be auto restart)				
THD	<=10%				
Electronic efficiency	>=85%				
Surge withstand	4-6 Kv				
Working Temp	-40°C + 80°C				
Enclosure	Pressure Die Cast Aluminium with efficient heat dissipation design and coating				
Glass Material	5mm Toughened Glass (IK07)				
Ingress Protection	IP66				
Connecting cable	3 core (Minimum 0.75 Sq mm)				
Dimensions (MM)	410*184*80	430*200*75	340*117*60	390*157*60	390*157*60
Weight	2.5 Kg	2.6 Kg	3.3 Kg	3.6 Kg	5.0 Kg
Pipe I.D.	43 mm	43 mm	53 mm	53 mm	53 mm



LUMENA STREET LIGHT



Features and Advantages

1. Lowered Maintenance Costs
2. Saves Your City Money
3. Reduced energy costs
4. Improved lighting quality
5. Reduced light trespass
6. Enhanced controllability
7. Reduced emissions

Specifications

Input Voltage	110V to 285V AC					
Power consumption	60W	100W	120W	150W	200W	200W LM FRM
Lumens	12000	20000	24000	30000	40000	40000
Light Source	5 Watt, 5050 LED					
LED Life	=>50,000 Hrs*					
Colour Temperature	Cool White 6500K , Warm White 2700-3000K					
System efficacy	>90%					
Colour Index (CRI)	>80%					
Beam Angle	120 Degrees					
Power Factor (PF)	>0.95%					
Protections	Short Circuit, Open Circuit, Over Voltage Protection, Under Voltage Protection, (All protections should be auto restart)					
THD	<=10%					
Electronic efficiency	>=85%					
Surge withstand	4-6 Kv					
Working Temp	-40°C + 80°C					
Enclosure	Pressure Die Cast Aluminium with efficient heat dissipation design and coating					
Glass Material	5mm Toughened Glass (IK07)					
Ingress Protection	IP65					
Connecting cable	3 core (Minimum 0.75 Sq mm)					
Dimensions (MM)	410*184*80	475*227*85	475*227*85	475*227*85	340*117*60	340*117*60
Weight	0.8 Kg	3.3 Kg	3.3 Kg	3.5 Kg	5.0 Kg	5.0 Kg
Pipe I.D.	43 mm	53 mm	53 mm	53 mm	53 mm	53 mm

440V
PROTECTION

Under
Voltage
PROTECTION

10 Kv*
SURGE PROTECTION

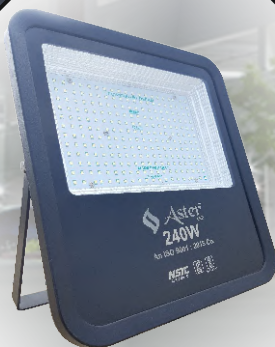
MAINTENANCE
FREE

SAVE
ENERGY
ENERGY SAVING

LONG LIFE

OVER
Voltage
PROTECTION

SLIM FLOOD LIGHT



Features and Advantages

1. High Lumen Output
2. Energy Efficient and Maintenance Free
3. Excellent Thermal Management
4. Environment-friendly
5. Cost-Efficient
6. Enhanced controllability
7. Free of Mercury, Lead and Carbon Emissions

Specifications

Input Voltage	110V to 285V AC											
Power consumption	30W	60W	100W	120W	150W	180W	200W	240W	300W	360W	420W	
Lumens	3900	7800	13000	15600	19500	23400	26000	31200	39000	46800	93600	
Light Source	1 Watt, 3030 LED											
LED Life	=>50,000 Hrs*											
Colour Temperature	Cool White 6500K, Warm White 2700-3000K											
System efficacy	>90%											
Colour Index (CRI)	>80%											
Beam Angle	120 Degrees											
Power Factor (PF)	>0.95%											
Protections	Short Circuit, Open Circuit, Over Voltage Protection, Under Voltage Protection, (All protections should be auto restart)											
THD	<=10%											
Electronic efficiency	>=85%											
Surge withstand	4-6 Kv											
Working Temp	-40°C + 80°C											
Enclosure	Pressure Die Cast Aluminium with efficient heat dissipation design and coating											
Glass Material	5mm Toughened Glass (IK07)											
Ingress Protection	IP66											
Connecting cable	3 core (Minimum 0.75 Sq mm)											
Dimensions (MM)	190*195*65	205*205*65	270*245*70	270*245*70	270*245*70	270*245*70	345*325*70	345*325*70	415*370*75	415*370*75	415*370*75	
Weight	1.1 Kg	1.4 Kg	2.2 Kg	2.2 Kg	4.0 Kg	2.9 Kg	4.0 Kg	4.0 Kg	5.0 Kg	5.7 Kg	6.0 Kg	



FLOOD LIGHT



Features and Advantages

1. Delivers excellent illumination
2. Long life & photobiologically safe LED's
3. High performance electronic driver
4. No harmful UV & IR radiations
5. Instant light with low running temperatures
6. Aesthetically designed pressure die-cast
7. High on Safety

Specifications

Input Voltage	110V to 285V AC													
Power consumption	30W	60W	72W	100W	120W	150W	180W	200W	240W	300W	360W	420W	600W	720W
Lumens	3900	7800	9360	13000	15600	19500	23400	26000	31200	39000	46800	54600	78000	93600
Light Source	1 Watt, 3030 LED													
LED Life	=> 50,000 Hrs*													
Colour Temperature	Cool White 6500K, Warm White 2700-3000K													
System efficacy	>90%													
Colour Index (CRI)	>80%													
Beam Angle	120 Degrees													
Power Factor (PF)	>0.95%													
Protections	Short Circuit, Open Circuit, Over Voltage Protection, Under Voltage Protection, (All protections should be auto restart)													
THD	<= 10%													
Electronic efficiency	>= 85%													
Surge withstand	4-6 Kv													
Working Temp	-40°C + 80°C													
Enclosure	Pressure Die Cast Aluminium with efficient heat dissipation design and coating													
Glass Material	5mm Toughened Glass (IK07)													
Ingress Protection	IP66													
Connecting cable	3 core (Minimum 0.75 Sq mm)													
Dimensions (MM)	210*150*100	285*185*115	285*185*115	293*235*128	293*235*128	243*254*135	243*254*135	390*300*145	390*300*145	390*300*145	500*355*155	500*355*155	605*405*108	605*405*108
Weight	1.4 Kg	1.5 Kg	1.9 Kg	3.0 Kg	3.3 Kg	4.4 Kg	4.4 Kg	5.8 Kg	6.0 Kg	6.1 Kg	8.5 Kg	8.5 Kg	15 Kg	15 Kg





LUMENA FLOOD LIGHT



Features and Advantages

1. High Purity Aluminium reflector, the most accurate beam.
2. Exposed lens to withstand shocks; its protection rating is IK08
3. Easy to install and perfect for replacing conventional light
4. No harmful UV & IR radiations
5. Instant light with low running temperatures
6. Aesthetically designed pressure die-cast
7. IP66 level of protection against water and dust

Specifications

Input Voltage	110V to 285V AC							
Power consumption	100W	150W	200W	240W	360W	420W	600W	720W
Lumens	20000	30000	40000	48000	72000	84000	120000	144000
Light Source	5W, 5050 Power LED with Lens							
LED Life	=>50,000 Hrs*							
Colour Temperature	Cool White 6500K							
System efficacy	>90%							
Colour Index (CRI)	>80%							
Beam Angle	120 Degrees							
Power Factor (PF)	>0.95%							
Protections	Short Circuit, Open Circuit, Over Voltage Protection, Under Voltage Protection, (All protections should be auto restart)							
THD	<=10%							
Electronic efficiency	>=85%							
Surge withstand	4-6 Kv							
Working Temp	-40°C + 80°C							
Enclosure	Pressure Die Cast Aluminium with efficient heat dissipation design and coating							
Glass Material	5mm Toughened Glass (IK07)							
Ingress Protection	IP66							
Connecting cable	3 core (Minimum 0.75 Sq mm)							
Dimensions (MM)	290*230*130	343*254*135	390*300*145	390*300*145	500*355*155	500*355*155	605*405*108	605*405*108
Weight	3.3 Kg	4.3 Kg	6.0 Kg	6.0 Kg	8.0 Kg	8.5 Kg	15 Kg	15 Kg



LED HIGH BAY LIGHTS



Features and Advantages

1. Robust structure
2. For maintenance, an IP 65 plug is fitted on luminaire to disconnect the main feed
3. Upgradable for future technology advances
4. Easy to install
5. Built-in driver protection against: Voltage fluctuation, overheating, short circuit, overloads,

Specifications

Input Voltage	110V to 285V AC									
Power consumption	30W	36W	50W	60W	72W	100W	120W	150W	200W	240W
Lumens	3900	4680	6500	7800	9360	13000	15600	19500	26000	31200
Light Source	1 Watt, 3030 LED									
LED Life	=>50,000 Hrs*									
Colour Temperature	Cool White 6500K, Warm White 2700-3000K									
System efficacy	>90%									
Colour Index (CRI)	>80%									
Beam Angle	120 Degrees									
Power Factor (PF)	>0.95%									
Protections	Short Circuit, Open Circuit, Over Voltage Protection, Under Voltage Protection, (All protections should be auto restart)									
THD	<=10%									
Electronic efficiency	>= 85%									
Surge withstand	4-6 Kv									
Working Temp	-40°C + 80°C									
Enclosure	Pressure Die Cast Aluminium with efficient heat dissipation design and coating									
Glass Material	5mm Toughened Glass (IK07)									
Ingress Protection	IP 66									
Connecting cable	3 core (Minimum 0.75 Sq mm)									
Dimensions (MM)	165*165*125	165*165*125	180*180*100	180*180*100	225*225*120	225*225*120	225*225*120	320*320*130	320*320*130	320*320*130
Weight	1.3 Kg	1.3 Kg	1.3 Kg	1.3 Kg	2.5 Kg	2.5 Kg	2.5 Kg	4.0 Kg	4.0 Kg	4.0 Kg

440V
PROTECTION

UNDER
VOLTAGE
PROTECTION

10 Kv*
SURGE PROTECTION



SAVE
ENERGY
ENERGY SAVING



OVER
VOLTAGE
PROTECTION



LED DOME HIGH BAY LIGHTS



Features and Advantages

1. Robust structure
2. For maintenance, an IP 65 plug is fitted on luminaire to disconnect the main feed
3. Upgradable for future technology advances
4. Easy to install
5. Built-in driver protection against: Voltage fluctuation, overheating, short circuit, overloads,

Specifications

Input Voltage	110V to 285V AC				
Power consumption	100W	120W	150W	200W	240W
Lumens	13000	15600	19500	26000	31200
Light Source	1 Watt, 3030 LED				
LED Life	=>50,000 Hrs*				
Colour Temperature	Cool White 6500K, Warm White 2700-3000K				
System efficacy	>90%				
Colour Index (CRI)	>80%				
Beam Angle	120 Degrees				
Power Factor (PF)	>0.95%				
Protections	Short Circuit, Open Circuit, Over Voltage Protection, Under Voltage Protection, (All protections should be auto restart)				
THD	<=10%				
Electronic efficiency	>= 85%				
Surge withstand	4-6 Kv				
Working Temp	-40°C + 80°C				
Enclosure	Pressure Die Cast Aluminium with efficient heat dissipation design and coating				
Glass Material	5mm Toughened Glass (IK07)				
Ingress Protection	IP 66				
Connecting cable	3 core (Minimum 0.75 Sq mm)				
Dimensions (MM)	320*320*170	320*320*170	410*410*205	410*410*205	410*410*205
Weight	2.5 Kg	2.6 Kg	4.7 Kg	5.0 Kg	5.0 Kg



LED WELL GLASS LIGHTS



Features and Advantages

1. Robust structure
2. For maintenance, an IP 65 plug is fitted on luminaire to disconnect the main feed
3. Upgradable for future technology advances
4. Easy to install
5. Built-in driver protection against: Voltage fluctuation, overheating, short circuit, overloads,

Specifications

Input Voltage	110V to 285V AC						
Power consumption	30W	36W	50W	60W	72W	100W	120W
Lumens	3900	4680	6500	7800	7800	13000	15600
Light Source	1 Watt, 3030 LED						
LED Life	=>50,000 Hrs*						
Colour Temperature	Cool White 6500K, Warm White 2700-3000K						
System efficacy	>90%						
Colour Index (CRI)	>80%						
Beam Angle	120 Degrees						
Power Factor (PF)	>0.95%						
Protections	Short Circuit, Open Circuit, Over Voltage Protection, Under Voltage Protection, (All protections should be auto restart)						
THD	<=10%						
Electronic efficiency	>= 85%						
Surge withstand	4-6 Kv						
Working Temp	-40°C + 80°C						
Enclosure	Pressure Die Cast Aluminium with efficient heat dissipation design and coating						
Glass Material	PMMA Transparent or Milky						
Ingress Protection	IP 66						
Connecting cable	3 core (Minimum 0.75 Sq mm)						
Dimensions (MM)	155*155*163	155*155*163	184*184*155	184*184*155	227*227*165	227*227*165	227*227*165
Weight	1.0 Kg	1.0 Kg	1.0 Kg	1.0 Kg	2.0 Kg	2.2 Kg	2.2 Kg

440V
PROTECTION

Under
Voltage
PROTECTION

10 Kv*
SURGE PROTECTION

MAINTENANCE
FREE

SAVE
ENERGY
SAVING

LONG
LIFE

OVER
Voltage
PROTECTION



24V AC LED LIGHTS



Features and Advantages

1. High Purity Aluminium reflector, the most accurate beam.
2. Exposed lens to withstand shocks; its protection rating is IK08
3. Easy to install and perfect for replacing conventional light
4. No harmful UV & IR radiations
5. Instant light with low running temperatures
6. Aesthetically designed pressure die-cast
7. IP66 level of protection against water and dust

Specifications

Input Voltage	24V AC							
Power consumption	12W	30W	60W	70W	90W	100W	120W	150W
Lumens	1560	3900	7800	9100	11700	13000	15600	19500
Light Source	1W, 3030 LED							
LED Life	=> 50,000 Hrs*							
Colour Temperature	Cool White 6500K, Warm White 2700-3000K							
System efficacy	>90%							
Colour Index (CRI)	>80%							
Beam Angle	120 Degrees							
Power Factor (PF)	>0.95%							
Protections	Short Circuit, Open Circuit, Over Voltage Protection, Under Voltage Protection, (All protections should be auto restart)							
THD	<=10%							
Electronic efficiency	>=85%							
Working Temp	-40°C + 80°C							
Enclosure	Pressure Die Cast Aluminium with efficient heat dissipation design and coating							
Glass Material	5mm Toughened Glass (IK07)							
Ingress Protection	IP66							
Connecting cable	3 core (Minimum 0.75 Sq mm)							
Dimensions (MM)	—	210*150*100	245*185*115	245*185*115	293*235*128	293*235*128	293*235*128	245*185*124
Weight	—	1.35 Kg	1.9 Kg	1.9 Kg	2.9 Kg	2.9 Kg	2.9 Kg	1.9 Kg



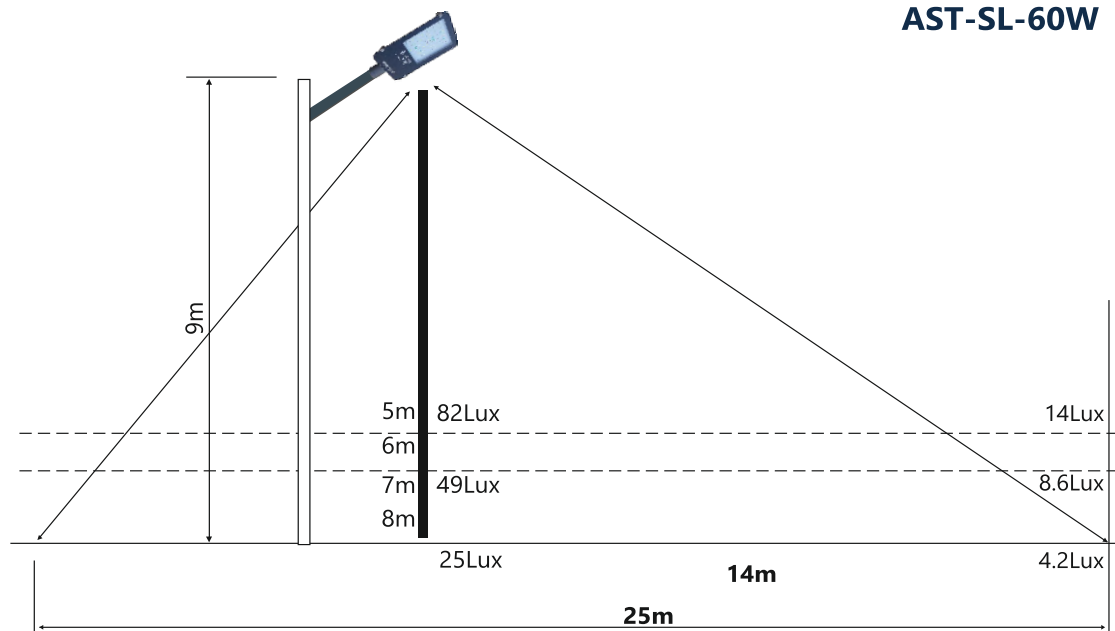
Aster Outdoor Lights with Different height Pole

Design of Road Lighting (Recommend) & The Ground illuminance Table:

Aster Lights with different Height pole :

Pole height (Mtr)	LED Light Power	Area Cover Approx (Mtr)	Distance between Pole(Mtr)	Max Lux	Average Lux
4m	15W	9m	12-15m	70	50
5m	24W	12m	15-18m	75	50
6m	30W	15m	18-22m	80	55
7m	48W	18m	22-25m	85	60
8m	60W	20m	22-25m	90	65
8m	72W	25m	25-30m	90	65
10-12m	100W	30m	18-22m	130	70
13-16m	150W	35m	22-25m	130	80
17-20m	200W	40m	22-25m	130	90
21-25m	240W	40m	25-30m	130	90

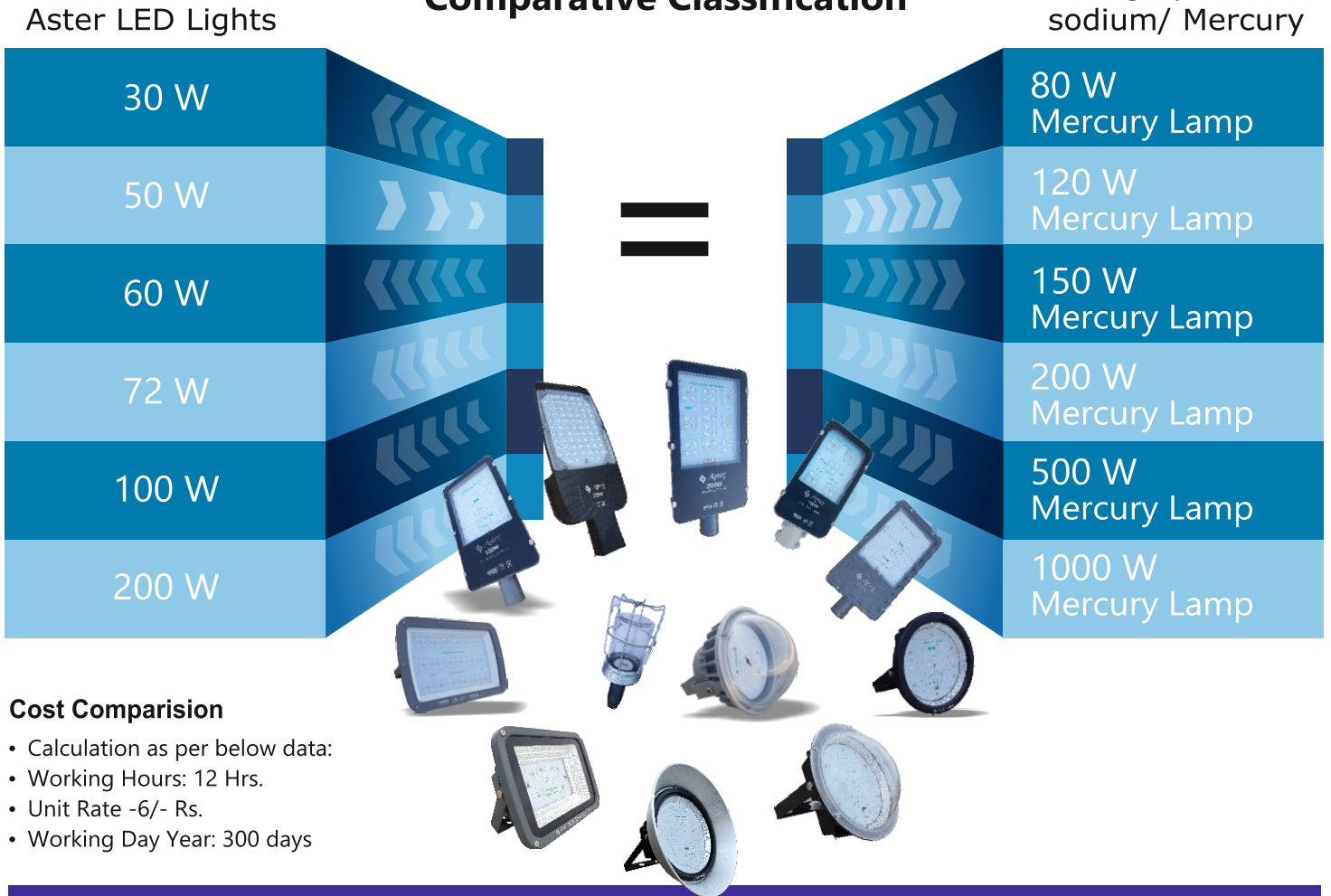
AST-SL-60W



Note: This guide is meant to help in making guidelines not precise calculations.

Why Choose Aster LED Street/Flood Lights

Comparative Classification



Cost Comparison

- Calculation as per below data:
- Working Hours: 12 Hrs.
- Unit Rate -6/- Rs.
- Working Day Year: 300 days

Year	72 W LED Street Light				200 W Mercury Lamp			
	Initial Cost of Light	Electricity Comsumed	Maintenance Cost	LED Light Cost	Initial Cost of Light	Electricity Comsumed	Maintenance Cost	Mercury Lamp Cost
1	2700	1555	0	4255	1200	4320	0	5520
2	0	1555	0	5810	0	4320	300	10140
3	0	1555	0	7365	0	4320	300	14760
4	0	1555	200	9120	0	4320	300	19380
5	0	1555	200	10875	0	4320	300	24000

CERTIFICATES



Certificate of Registration


This is to certify that the Quality Management System of **ASTER INDUSTRIES** at **NO.18, 2ND FLOOR, SHRIYAM INDL PARK, NEAR BY ROYAL ESTATE, KATHWADA, SINGARVA ROAD, AHMEDABAD - 382430, GUJARAT (INDIA)** has been independently assessed and is compliant with the requirements of **ISO 9001:2015**

For the following scope of activities:
MANUFACTURING & SUPPLY OF LED LIGHT PRODUCTS
Certificate Number: IQ-201905282422

Validity of this certificate can be verified at www.ukcertification.org.uk/verify

Date of Certification	28th May 2019
1 st Surveillance Audit Due	27th May 2020
2 nd Surveillance Audit Due	27th May 2021
Certificate Expiry (subject to the company maintaining its system to the required standard)	27th May 2022

Authorized Signatory: *[Signature]*



TEST REPORT

Service Request Form No.: G037/2018 | Date of Issue: 28/06/2018

Name & Address of the Customer: **M/s. ASTER INDUSTRIES, NO.18, 2nd Floor, Shriyam estate, Kathwada Singarva Road, Ahmedabad-382430**

REPORT NO.: EOP/G037/105/2018 | Page 1 of 4

TEST REPORT				
Service Request Form No.	SRF Date	Date of Issue		
G037/2018	20/06/2018	28/06/2018		
Name & Address of the Customer				
M/s. ASTER INDUSTRIES, NO.18, 2 nd Floor, Shriyam estate, Kathwada Singarva Road, Ahmedabad-382430				
DESCRIPTION/IDENTIFICATION OF THE ITEM				
Non-nomenclature	LED Street Light (60W)			
Brand/Type/Model No.	ASTER/AST-SL			
Serial No.	-			
Sample (E.U.) Drawing submitted by Customer	Drawing Ref. No.: AST-SL.6072 dated 22.06.18 - LED Street Light Fitting			
Sample(s) Temp(s) Condition before test	One Sample/Good Condition			
Date of Sample Receipt	20/06/2018			
Test Period	26.06/2018 To 27/06/2018			
Test carried out at (Environmental Condition)	Temperature: 25°C ± 10°C; Relative Humidity: 50 ± 25 %; Air Pressure: 100 mbar to 1060 mbar			
Location where test is performed	TEST LABORATORY @ IQDC, Gandhinagar			
Purpose	Test for the certification of the Degree of Protection (IP55)			
Test Specification	All relevant Clauses of IEC/EN 60529: 2001 for IP 65 TEST			
<p>Summary: The sample unit was submitted for testing has been checked in accordance with the relevant clauses of IEC/EN 60529: 2001 & as per customer requirement: CL13.4 & 13.4.6: Tests for Protection against solid foreign objects indicated by the first characteristics numeral - Degree of Protection: Dust Tight (IPXX).</p> <p>CL14: Tests for Protection against water indicated by the second characteristics numeral - Degree of Protection: Protected against the effects of continuous immersion in water subject to agreement (IPX5).</p> <p>During the test of the LED Street Light (60W) Type/Model No.: ASTER/AST-SL, Sr. No.-6, neither dust nor water was determined inside the enclosure. The criteria used to verify the degree of protection IP 65 were met. Further evaluation will be done by the customer.</p>				
Test facilities used:				
S.No.	Manufacturer	Model/Model	Serial No./ID. No.	Calibration Validity
1	Dust Chamber	C.K. Enterprises	EQDC/03093	01/12/2018
2	Measure Type	LEVUMENSURE/Im	EQDCU/0146	24/09/2018
3	IPX Standard	C.K. Enterprises	EQDC/G018	24/09/2018
4	Stop Watch	Racer/1	EQDC/01	18/08/2018

Prepared by: *[Signature]* | Form No.: T/2/GEN/Issue No: 04, Rev-00, Dated 01.04.17



Certificate

Report Directive 2011/65/EU of the European Parliament and of the Council on the restriction of use of certain Hazardous Substances in Electrical and Electronic Equipments

Certificate No. IMC-2020-41-27991

Manufacturer: **ASTER INDUSTRIES**

Name: **ASTER INDUSTRIES**

Address: **18 SHRIYAM INDUSTRIAL PARK, 2nd FLOOR, NEAR ROYAL IND. ESTATE, SINGARVA ROAD, KATHWADA, GUJRAT, INDIA**

Product: **LED STREET LIGHT, LED FLOOD LIGHT, LED GIGI BAY LIGHT, LED WELL GLASS LIGHT, LED DOM HIGH BAY LIGHT, LED 2V AC/DC LIGHT, LED HAND LAMP, LED LIGHT**

This is to state that the above mentioned products is in compliance with RoHS Directive 2011/65/EU of the European Parliament and Commission Decision 2005/618/EC on the restriction of use of certain Hazardous Substances (Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexachlorocyclopentadiene (HxCPCP), Polybrominated Biphenyls (PBBs) and Polybrominated Diphenyl ethers (PBDEs)) in Electrical and Electronic Equipments.

Validity of this certificate can be verified at www.gauhs.in

Date of Certification	26 November 2020
1 st Surveillance Due	25 November 2021
2 nd Surveillance Due	25 November 2022
Certificate Expiry (subject to the company maintaining its system to the required standard)	25 November 2023

Authorized Signatory: *[Signature]*



Certificate

We hereby declare that the technical file of product complied with the requirement of directives Construction Products Directive 2006/95/EC Low Voltage

Certificate no. IMC-2020-41-27990

Manufacturer: **ASTER INDUSTRIES**

Name: **ASTER INDUSTRIES**

Address: **18 SHRIYAM INDUSTRIAL PARK, 2nd FLOOR, NEAR ROYAL IND. ESTATE, SINGARVA ROAD, KATHWADA, GUJRAT, INDIA**

Product: **LED STREET LIGHT, LED FLOOD LIGHT, LED GIGI BAY LIGHT, LED WELL GLASS LIGHT, LED DOM HIGH BAY LIGHT, LED 2V AC/DC LIGHT, LED HAND LAMP, LED LIGHT**

Complies with the requirements applicable to it

The certification body has performed an audit of the above product quality system covering the design, manufacture and final inspection of the certified product. The quality system has been assessed, approved and is subject to continuous surveillance according to the directives Construction Products Directive 2006/95/EC

This certificate is issued under the following conditions:


- It applies only to the quality system maintained in the manufacture of above referenced models and it does not substitute the design or type-examination procedures, if required.
- The certificate remains valid until the manufacturing conditions or the quality systems are changed.
- The certificate validity is conditioned by positive results or surveillance audits.
- After fulfilling the relevant EU legislation, the manufacturer shall affix to each device, of the above referenced models.
- The CE mark as shown above can be used, under the responsibility of the manufacturer, after completion of an EC Declaration of conformity and compliance with all relevant EC Directives. The statement is based on a single evaluation of one sample of above mentioned product. It does not imply an assessment of the whole production.

Validity of this certificate can be verified at www.gauhs.in

Date of Certification	26 November 2020
1 st Surveillance Due	26 November 2021
2 nd Surveillance Due	26 November 2022
Certificate Expiry (subject to the company maintaining its system to the required standard)	26 November 2023

Authorized Signatory: *[Signature]*

CE Mark



TEST REPORT

Report No: KCL/40-190916-276

Discipline: Electronics


Group: IT Equipment

URL: T/2/GEN/Issue No: 04, Rev-00, Dated 01.04.17

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Sl. No.	Sample Description
1	Manufacturer name: Aster Industries
2	Rated Voltage: 110-265 V AC
3	Rated Power: 150 W
4	Frequency: 50-60 Hz
5	Luminous Flux: >108 lm/W
6	Luminous Efficacy: >108 lm/W
7	CCF: 6500 K
8	CR: >80
9	Total Harmonic Distortion (THD): <10 %
10	Power Factor: >0.95

Tested By: *[Signature]* | Authorised Signatory: *[Signature]*



THE NATIONAL SMALL INDUSTRIES CORPORATION LIMITED

(A Government of India Enterprise)

S.No. 74945 | S.No. 1484-000/1554

Branch Office 202-203, Samudra Building, Opp. Sakar-III, Income Tax, Ashram Road AHMEDABAD-380014

Ph: 079-2754493 | Fax: 079-2740159

Website: www.nsic.co.in

GOVERNMENT EMPLOYMENT ENLISTMENT CERTIFICATE

(Valid From 31/12/2018 to 30/12/2020) | Date: 31/12/2018

Ref.No NSIG/GPIA/HM/2018/6956 / 67

Name of the Partner: **ASTER INDUSTRIES**

Factory Address: **1 2nd Floor, Shriyam Industrial Park, Nr. Royal Industrial Park, Kathwada-Singarva Road, Kathwada (Ahmedabad), GUJARAT-382430**

UAM GJ/1A/008294 | Enterprise Social Class: GENERAL

GOVERNMENT PURCHASE REGISTRATION NO: NSIG/GPIA/HM/2018/6956/4877

Bonetary Limit: ₹ 59 lacs (1 F Fy Nine Lakh Only)

Financial Year	Annual Turnover
2015-17	12.58
2017-18	118.21
Monetary Limit	59

MSEs registered with NSIC are exempted from deposit of Earnest Money irrespective of value of Monetary Limit.

Your name has been registered as a MSE Unit eligible for participation in the Central Government Store to Service Scheme as per the Single Point Registration Scheme for the following items:

Name of the Store(s)/ Services	(Specification)	Qualitative Capacity	Quantitative Capacity P.M
As per List Attached (4 Item only)			

Disclaimer: The purchasing agencies are advised to satisfy themselves with the store details in the certificate while doing the Technical Evaluation before placing the tender/order on the units.

Authorized Signatory: *[Signature]*



Aster 3R Rules

- Quality : Rights of the Customer
- Service : Responsibility of the Company
- Price : Respect of the Product

