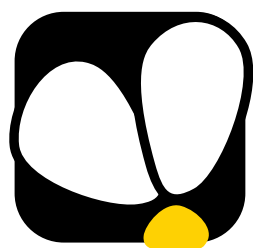


URBAN & INDUSTRIAL CATALOGUE



SIRECLED
INNOVATIVE LIGHTING & ENERGY SOLUTIONS

2026-2027



SIRECLED
INNOVATIVE LIGHTING & ENERGY SOLUTIONS

Who we are

Sirecled Hellas SA is a Greek LED Lighting Manufacturer founded by Greek investors of industrial sector in 2013. In the last 12 years, SIRECLED has rapidly developed into a market leader for infrastructure and professional lighting in Greece and in SE Europe and has created a remarkable portfolio of Energy Sustainable Projects in Greece, Italy, Cyprus, Switzerland, Poland, Austria, Serbia, Montenegro, Bulgaria and Russia. Sirecled has its HQ's in Acharnes, Attica, where Production Facilities are located as well.

The company offers:

- Complete LED technology lighting solutions with products of high quality standards
- Modern solutions of IOT and Smart Cities applications
- Power Distribution Solutions





SIRECLED
INNOVATIVE LIGHTING & ENERGY SOLUTIONS

| Who we are



SIRECLED
INNOVATIVE LIGHTING & ENERGY SOLUTIONS

Lighting is no longer just a detail.

It's performance, identity and experience.

At SIRECLED, we create intelligent LED lighting solutions designed to transform industrial and commercial spaces with efficiency, precision and modern aesthetics.

A Message from Our CEO



Inspired by Albert Einstein's groundbreaking discovery that light behaves both as a wave and as a particle and it is the bridge between the seen and the unseen – It is innovation, perception and progress.

At SIRECLED, this belief inspires everything we do. We are committed to design intelligent lighting solutions that combine technology, quality, and sustainability to create lasting value for our customers and communities.

This catalogue is also the result of the dedication of our Commercial Management team and the talented professionals behind its creation. My sincere thanks to Vassilis, Andriana, Stamatis, Rania and Chrysa for bringing this demanding project to life.

George Goulas
CEO

Production department

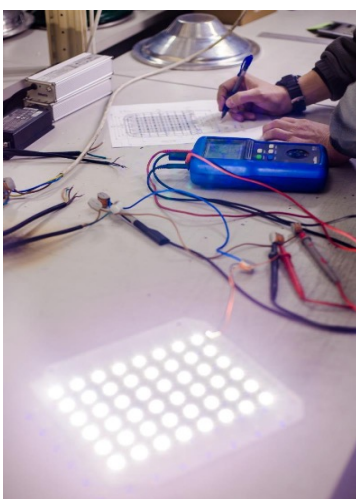


Sirecled has modern and fully equipped plant facilities for the production and assembly of LED luminaires with capacity of 6,000 units per month.

At this moment, 3 production lines are fully operational in LED Lighting Assembly with expansion forecast for the next years. SIRECLED facilities also include storage areas for finished products as well as state-of-the-art quality control and product quality assurance equipment.

Managing the capacity of the facilities, machinery and workforce SIRECLED keeps the operation flowing smoothly and maximize its efficacy to complete each order in the least amount of time.

Research & Development



Dedicated to keep its business competitive, SIRECLED has invested in R&D department targeting to adapt in Public & Private Sector, Infrastructure and Construction Projects

The continual evaluation of the products, services and processes is a key part of SIRECLED business, providing assessment and third-party attestation that fulfilment of specified requirements has been demonstrated.

Product certification is carried out by 3rd accredited bodies which conform to ISO IEC 17025, and specified requirements for products are generally applied according to EU standards or other normative documents.

Project approach

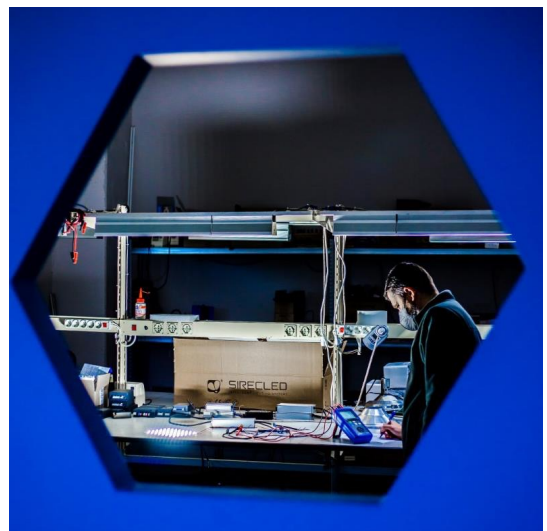
Methodology of Project Approach.

Taking into account all the requirements, Sirecled studies each project in detail, offering its customers the most suitable lighting solution.

It is an integrated consulting process which includes:

- ✓ on-site evaluation,
- ✓ personalized proposal and
- ✓ project management.

Sirecled designs in its laboratories and manufactures in its production plant, the suitable LED luminaires – according to international and European standards for lighting – that give life and functionality to any interior or exterior, industrial, workplace or public space.



STREET LIGHTS & URBAN



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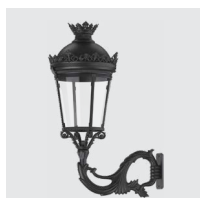
POST TOP LUMINAIRES



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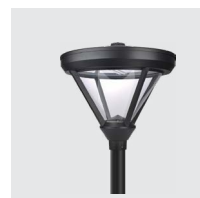
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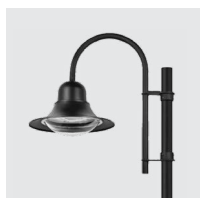
ATLAS Series
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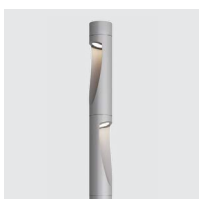
PYROS Series
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TAHARA Series
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ARIDA Series
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MIRAGE Series
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SOLAR LIGHTS



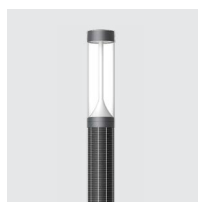
**AERAS
SOLAR Series**
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**COSMOS
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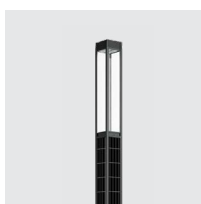
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**METIS
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Street Lights & Urban



AERAS Series

Premium Quality LED Luminaire Family



A practical high-end LED street lighting with Unique Design

Made of high-quality die-cast aluminum, fully recyclable and painted with a suitable electrostatic paint (powder paint in RAL grey color) which ensures excellent resistance to corrosion from external factors such as moisture, UV radiation, etc.

Special Thermal design for better heat dissipation, independent power supply department from LED department.

Uniform lighting distribution

Optic PMMA Cover Lenses adjust the luminance in special Asymmetric or Symmetric Polar Diagrams suitable for any street application.

Sealed LED compartment, flat glass screen and individual lenses providing direct lighting projection, fully controlled and efficiently delivered without causing glare or light trespass.

Electrophoresis and Enhanced powder coating method with several benefits over simple coating painting on LED luminaires bodies in terms of Durability, Corrosion resistance, and Uniform coverage.

Single SMD board technology ensuring better efficacy, reducing default connections, voltage drops, or failures at junction points.

Top or Side Fitting

Side-entry-socket suitable for poles 42mm and 76mm, inclination tilt $\pm 15^\circ$.

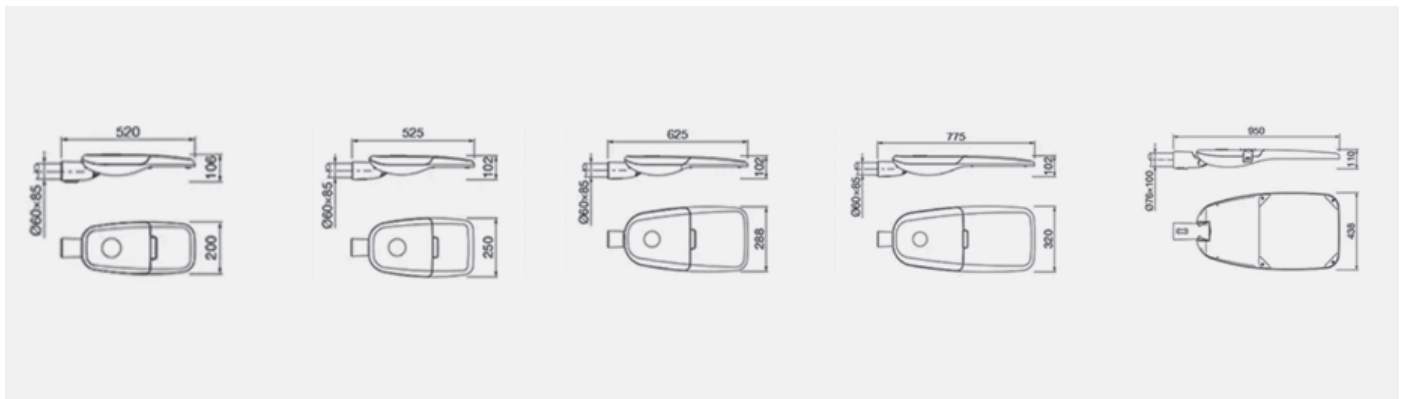
Street Lighting Control

NEMA or ZHAGA ready.

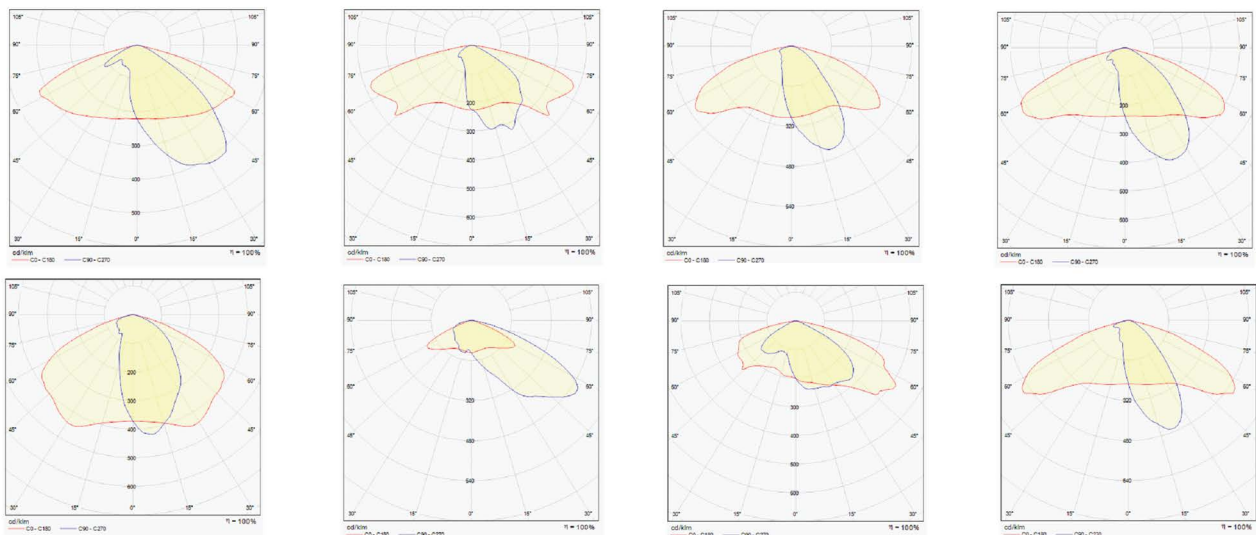


Model No	AERAS-P	AERAS-S	AERAS-M	AERAS-B	AERAS-L
Power Consumption (±5)	10W-40W	14W-60W	37-115W	110W - 240W	180W-320W
Input Voltage	230VAC, 50Hz				
Control	ON-OFF / DIM0-10V / DIM 1-10V / DALI CONTROL/ NEMA or ZHAGA Ready				
Luminous Flux (±10%)	1.700lm 5.000lm	2.000lm 7.500lm	4.000lm 16.500lm	15.000lm 30.000lm	22.400lm- 44.800lm
Efficacy	Up to 170lm/W				
CCT & CRI	3000K, 4000K, Ra70 (Ra80 optional)				
Protection Rating	IK10 (AERAS-S & M), IK09 (AERAS-P, B) IP66, IK08 (AERAS-L)				
Operating Temperature	-30 oC to +50 oC				
Warranty	5 years				
Product Dimension	520x200x106 mm	525x250x102mm	625x228x102mm	775x320x102m m	950x438x110mm
Luminaire Net Weight	4,5kg	5,3kg	7kg	10kg	17kg
SPD	UP TO 20KV				

Dimensions drawing



Photometric Diagrams



Mounting Options-Accessories



Fixing Arm



Fixing Arm



Adapter Arm / Adapter required for install on the pole.



ARIA Series

High-performance LED Street Lighting Family



The ARIA LED street light is designed to provide high-efficiency roadway illumination while maintaining a robust and functional luminaire architecture suitable for modern urban infrastructure. Its streamlined housing, manufactured from high-pressure die-cast aluminum, combines durability with an aerodynamic design that supports effective thermal management and long-term reliability. The luminaire integrates high-quality Philips Lumileds LEDs and professional-grade drivers such as Inventronics, ensuring stable performance and luminous efficacy of up to 170 lm/W. A tempered glass cover with UV-resistant polycarbonate optical lenses provides precise light distribution and enhanced protection, making the luminaire suitable for demanding outdoor lighting applications including roads, residential areas, pedestrian crossings, and parking facilities.

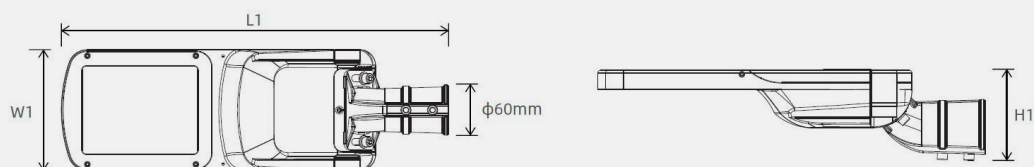
Designed for ease of installation and maintenance, the luminaire supports both horizontal and vertical mounting configurations to accommodate various pole types. A tool-less driver compartment allows quick servicing while minimizing maintenance time. With protection ratings of IP66 and IK10, integrated surge protection up to 10kV (20kV optional), and an operating temperature range from -40°C to +50°C, the ARIA street light ensures reliable performance in harsh environmental conditions. Advanced control options including 1-10V dimming, timer dimming, and compatibility with NEMA or Zhaga smart control systems allow the luminaire to integrate seamlessly into intelligent urban lighting networks.



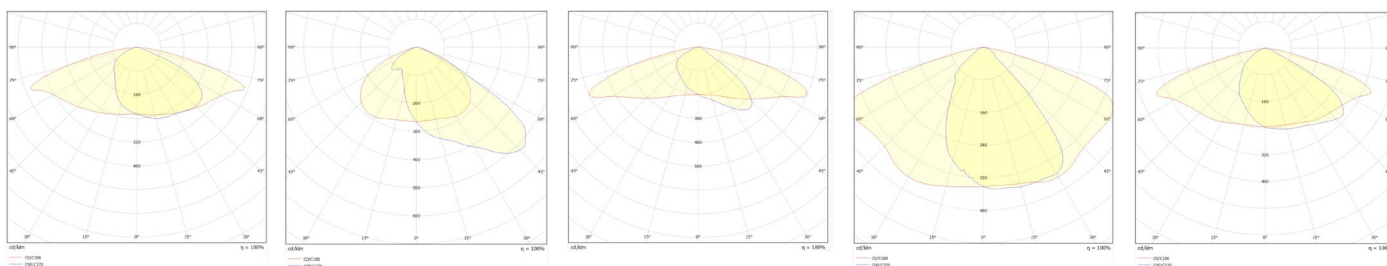
*Under Certification

Model No	ARIA-20S	ARIA-40S	ARIA-60S	ARIA-80S ARIA-80M ARIA-80M+	ARIA-100M	ARIA-120M	ARIA-150M ARIA-150L ARIA-150L+
Power Consumption (±5)	20W	40W	60W	80W	100W	120W	150W
Input Voltage	AC100-240V / 277V						
Control Options	1-10V dimming / timer dimming / DALI / NEMA or ZHAGA ready / Motion Sensor						
Efficacy (lm/W)	up to 170						
Luminous Flux (±10%)	3100-3400lm	6200-6800lm	9000-9600lm	S:11200-12400lm M:21750-23250lm	M:12000-13600lm	15000-16500lm	18600-19200lm L:22500-24750lm
SDCM	<5						
Quality Performance	PF≥0.95, THD<15%						
CCT & CRI	3000K / 4000K / 5000K / 5700K , Ra>70 (Ra>80 optional)						
SPD	10kV standard / 20kV optional						
Protection Rating	IP66, IK10						
Operating Temperature	-40°C to +50°C						
Lifetime	>100,000 h (L70 @25°C)						
Housing Materia	High-pressure die-cast aluminum / Lens UV-resistant polycarbonate / Cover Tempered glass						
Protection Class	Class I / Class II						
Warranty	5 Years						
Product Dimensions	610*190*143mm			S:610*190*143mm M:660*240*143mm	660*240*143mm		M:660*240*143mm L:762*290*143mm
Net Product Weight	4.7kg			S:4.7kg M:5.8kg	5.8kg		M:5.8kg L:8.1kg
Carton Size	545*240*175mm			S:545*240*175mm M:600*295*175mm	600*295*175mm		M:600*295*175mm L:705*345*175mm

Dimensions drawing



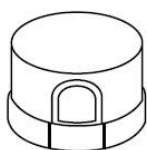
Photometric Diagrams



Mounting Options-Accessories



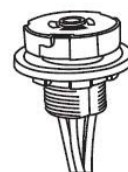
NEMA Socket
(3/5/7pin)



Photocell



Smart Controller



ZHAGA Socket



VENTUS Series

Slim Modern LED Street Lighting Family

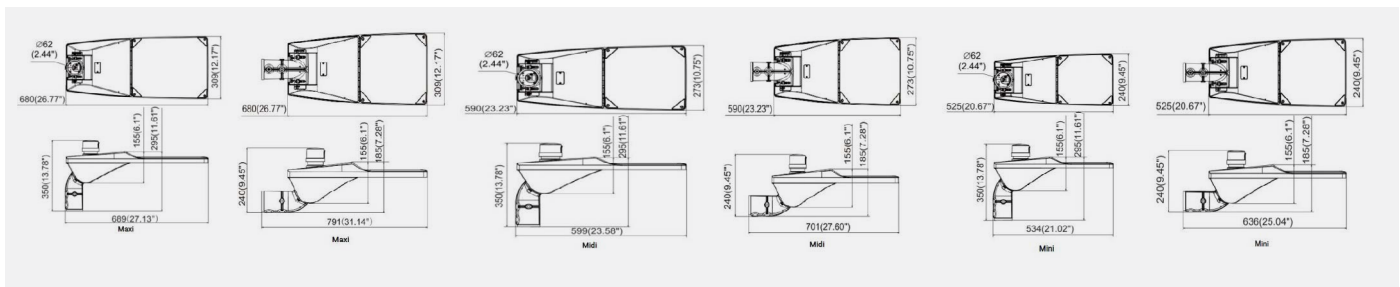


The VENTUS LED Street Light features a slim, modern design that makes it an excellent choice for both new construction and retrofit applications. High-output LED technology delivers system efficacy up to 160 lm/W (4000K Ra70), providing efficient and uniform roadway illumination. Multiple power ranges from 30W to 210W are available across Mini, Midi, and Maxi sizes, offering flexibility for parking lots, traffic routes, residential areas, and plazas. A modular optical lens system is utilized, compatible with SMD3030, SMD3535, and SMD5050 LEDs, ensuring optimized light distribution for various application requirements.

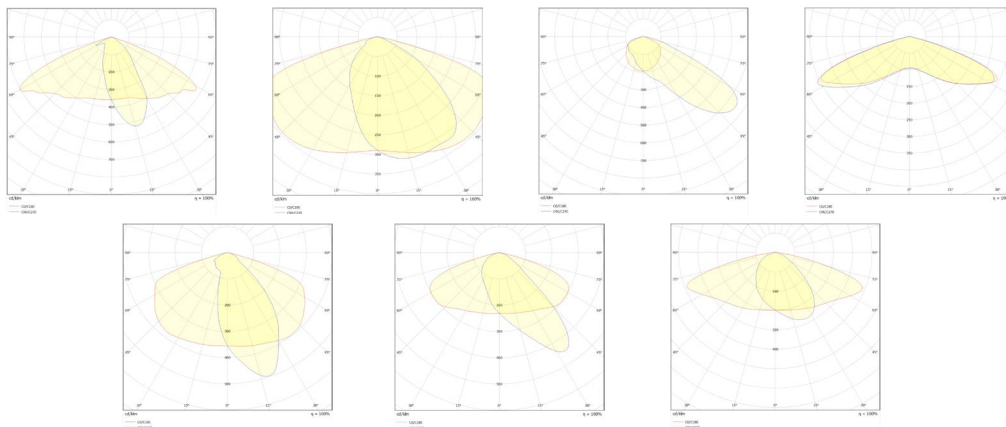
Reliable outdoor performance is ensured through an IP66-rated sealed construction and IK09 impact resistance. The luminaire operates within an ambient temperature range of -30°C to $+50^{\circ}\text{C}$ and supports a long LED lifetime up to 131,000 hours (L70 @ $T_a=25^{\circ}\text{C}$). Constant current drivers are integrated, with surge protection up to 10kV (L-G). Insulation Class I or Class II configurations are available, and compatibility with AC100–240V, 50/60Hz Voltage networks is supported. Flexible installation is provided through post-top and side-entry mounting options with $\pm 20^{\circ}$ tilt adjustment, allowing precise alignment during installation.

Model No	Ventus-33 035/H	Ventus-33 060/H	Ventus-33 080/H	Ventus-33 095/H	Ventus-33 120/H	Ventus-33 160/H	Ventus-33 195/H	Ventus-33 210/H
Power Consumption (±5)	15W-35W	40W-60W	65W-80W	85W-95W	100W 120W	125W 160W	165W 195W	200W 210W
Input Voltage	AC100-240V, 50-60Hz							
Control	No dim / Dimmable 1-10V / DALI / NEMA or ZHAGA READY							
Luminous Flux (±10%)	2.400lm 5.600lm	6.400lm 9.600lm	10.400lm 12.800lm	13.600lm 15.200lm	16.000lm 19.200lm	20.000lm 25.600lm	26.400lm 31.200lm	32.000lm 33.600lm
Efficacy	160lm/W							
CCT & CRI	4000K (3000K, 5000K optional) Ra70 (Ra80 optional)							
Protection Rating	IK09, IP66							
Operating Temperature	-30 oC to +50 oC							
Warranty	5 years							
Luminaire Net Weight	5.9±0.3kg			7.1±0.3kg		8.5±0.3kg		
Export Carton Size	615*350*225mm			680*350*225mm		770*390*240mm		

Dimensions drawing



Photometric Diagrams



Mounting Options-Accessories



NEMA Socket



Photocell Control



T Shape Pole Mount Adaptor



Wall Mount Adaptor



URANIA Series

Advanced Sensing technology for Luxury Applications

Premium High-End LED Street Light

Designed for practical use, this high-end LED street light features three flexible installation methods and a power range from 40W to 75W. It is ideal for a variety of road lighting applications. With multiple optical system options available, it delivers tailored illumination to meet diverse functional and environmental requirements.



Intelligent sensing equipment

Equipped with advanced sensing technology, this system automatically adjusts luminous flux based on real-time monitoring of pedestrian and traffic flow. It ensures optimal brightness, enhanced safety, and improved energy efficiency by delivering the right amount of light exactly when and where it's needed.



Optics

Equipped with a high-quality PC lens, this luminaire delivers visually comfortable and uniform lighting distribution.

Street Lighting Control

Designed for intelligent lighting networks, this luminaire is compatible with advanced smart control and remote management systems. It enables real-time monitoring, scheduling, and dimming adjustments to maximize energy savings and operational efficiency.

Simple Shape Design

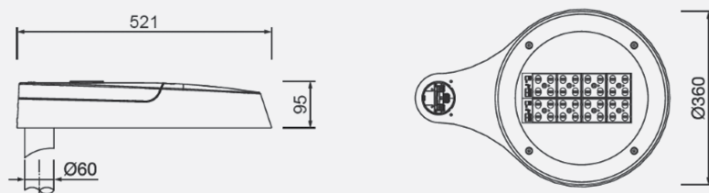
Featuring a clean and modern design, this luminaire supports both top and side mounting with a Ø60 mm fitting.



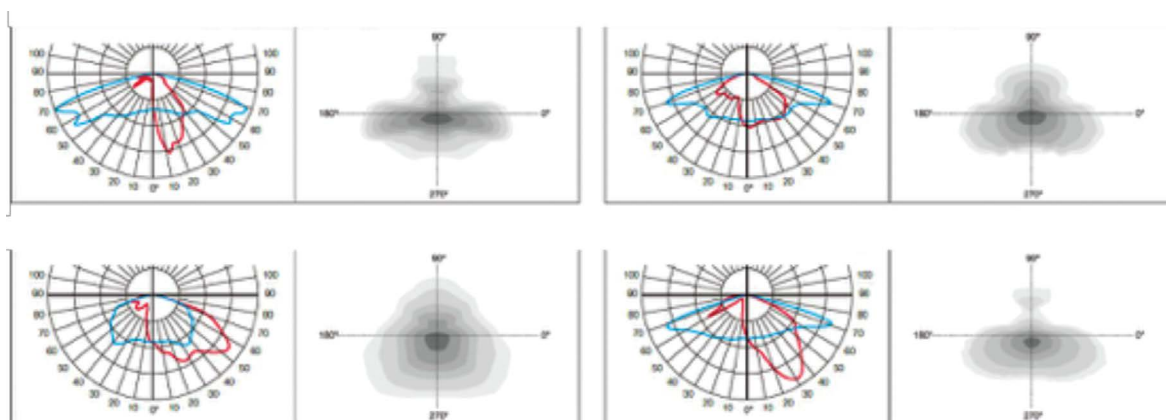
*Under Certification

Model No	URANIA 40-16	URANIA 40-32	URANIA 60-32	URANIA 75-32
Power Consumption (±5%)	40W	40W	60W	75W
LED Quantity	16	32		
Input Voltage	220-240VAC, 50/60Hz			
Control	Dimmable / DALI control			
Luminous Flux (±10%)	6.000lm	6.000lm	9.000lm	11.250lm
Efficacy	150lm/W			
CCT & CRI	3000K / 4000K, CRI70, CRI80			
Protection Rating	IK08, IP66			
Mounting	Ø60			
Product Dimension	Ø360x521x95mm			
Luminaire Net Weight	6,2 kg			
Packing Size	500x370x135mm			

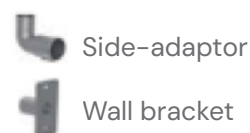
Dimensions Drawing



Photometric Diagrams



Mounting Options-Accessories





CAELIA Series

Cost-effective solution for Industrial Applications

CAELIA Series features a smooth, slender design that better complements modern road aesthetics. Its professional optical system delivers excellent lighting performance, effectively controlling glare while maintaining high levels of visibility for safer and more comfortable road illumination.

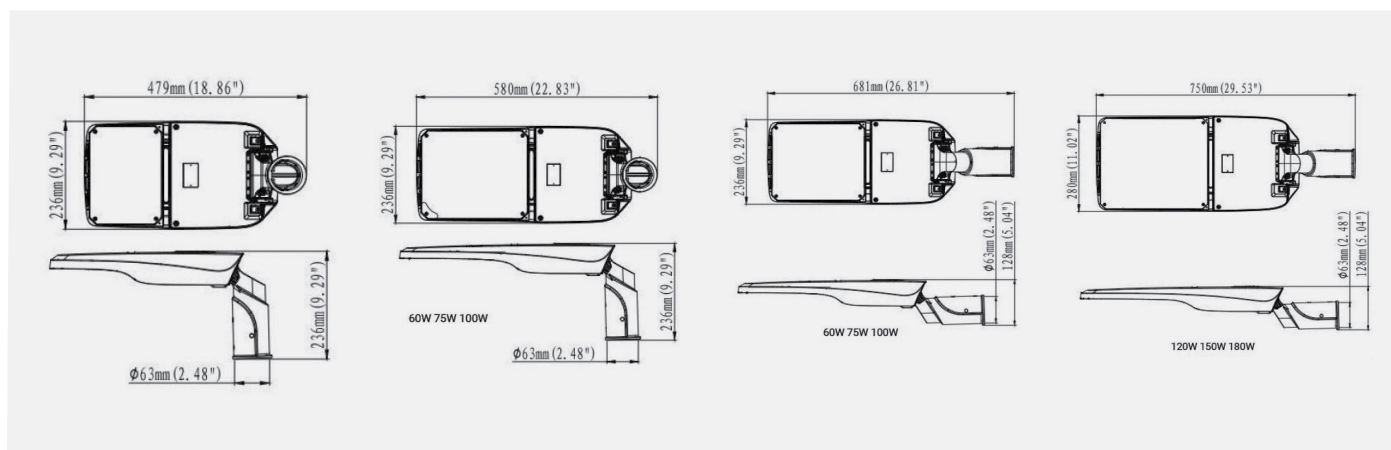


CAELIA is designed for easy installation and low-maintenance operation. It delivers high luminous efficacy of up to 165 lm/W, ensuring strong energy efficiency and excellent lighting performance. The housing is constructed from 100% ADC12 aluminum alloy, providing durability and reliable heat dissipation, and is finished with AKZO powder coating for enhanced protection against corrosion and environmental wear.

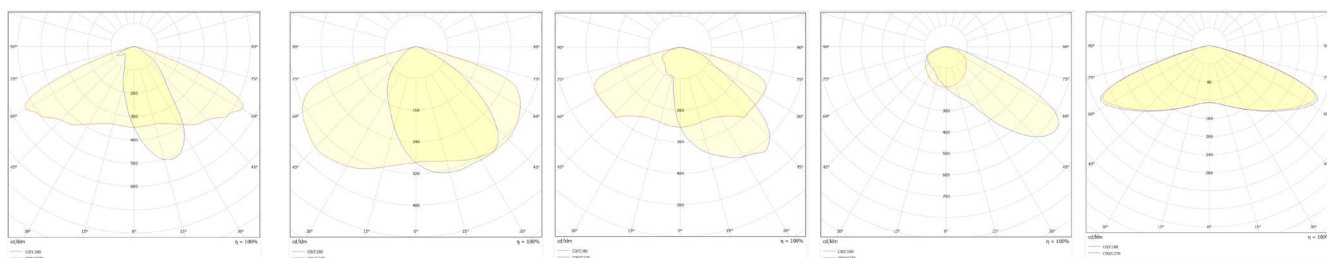
In addition, the lamp features an easy maintenance structure and offers a $\pm 15^\circ$ adjustable mounting angle, allowing flexible installation to suit different road conditions and lighting requirements.

Model No	CAELIA- 020	CAELIA- 030	CAELIA- 040	CAELIA- 060	CAELIA- 075	CAELIA- 100	CAELIA- 120	CAELIA- 150	CAELIA- 180
Power Consumption (±5)	20W	30W	40W	60W	75W	100W	120W	150W	180W
Input Voltage	100-240 VAC/220-240 VAC, 50 / 60 Hz								
Control Options	1-10V dimming / timer dimming / DALI / NEMA or ZHAGA ready / PIR Sensor / Mi-								
Efficacy (lm/W)	up to 160 (with PC lens & Glass cover) / up to 165 (with integrated PC lens & with								
Quality Performance	PF≥0.94								
CCT & CRI	4000K (3000K / 5000K optional), Ra>70 (Ra>80 optional)								
Protection Rating	IK09/IK10, IP66								
Operating Temperature	Class I: -30°C to +50°C, Class II: -30°C to +40°C								
Lifetime	>100,000 h (L70 @25°C)								
Housing Material	Aluminum alloy / Lens UV-resistant polycarbonate / Cover Tempered glass								
Protection Class	Class I / Class II								
Warranty	5 Years								
Product Dimension	580*236*128mm			681*236*128mm			750*280*128mm		
Net Product	3,5kg			4,5kg			6kg		

Dimensions Drawing



Photometric Diagrams



Mounting Options-Accessories





ELECTRA Series

Versatile lighting system for modern installations



Robust Die-Cast Structure

A die-casting aluminum body and super white tempered glass are used, and a special design is applied with two size options available.

High Performance Optical System

PC lenses are equipped to provide high visual comfort with strong anti-glare performance, and multiple light distribution options are offered.

Reliable LED and Driver Options

High-quality LED chips are utilized, and ON-OFF, 0-10V, DALI, or programmed driver options are supported, with surge protection up to 20KV included.

Versatile Mounting Solutions

Multiple bracket options are provided, allowing suitability for various applications.

Safe Lighting

No photobiological risk per EN 62471:2008; completely free from infrared, blue light, and UV hazards.

Durable Surface Finish

Anti-ultraviolet pure polyester powder coating offers superior corrosion resistance—tested for over 1,000 hours.

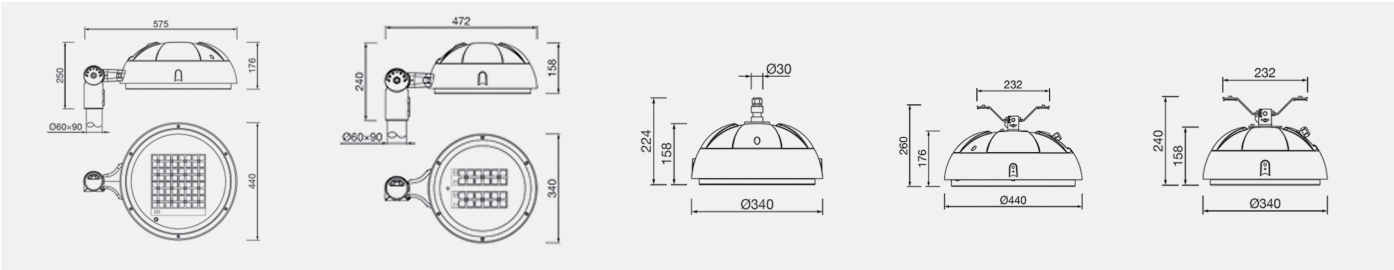


Model No	ELECTRA-SH 30-24	ELECTRA-SH 40-24	ELECTRA-SH 60-24	ELECTRA-SH 75-24	ELECTRA-MH 100-48	ELECTRA-MH 120-48	ELECTRA-MH 150-64
Power Consumption (±5%)	30W	40W	60W	75W	100W	120W	150W
LED Quantity	24	24	24	24	48	48	64
Input Voltage	220-240VAC, 50/60Hz						
Control	ON/OFF / Dimmable 0-10V / DALI						
Luminous Flux (±10%)	4.350lm	5.800lm	8.700lm	10.875lm	14.500lm	17.400lm	21.750lm
Efficacy	145lm/W						
CCT & CRI	3000K / 4000K, CRI70, CRI80						
Protection Rating	IK08, IP66						
Mounting	Ø48 / Ø60						
Luminaire Net Weight	7.5kg		7.6kg		11kg		11.5kg

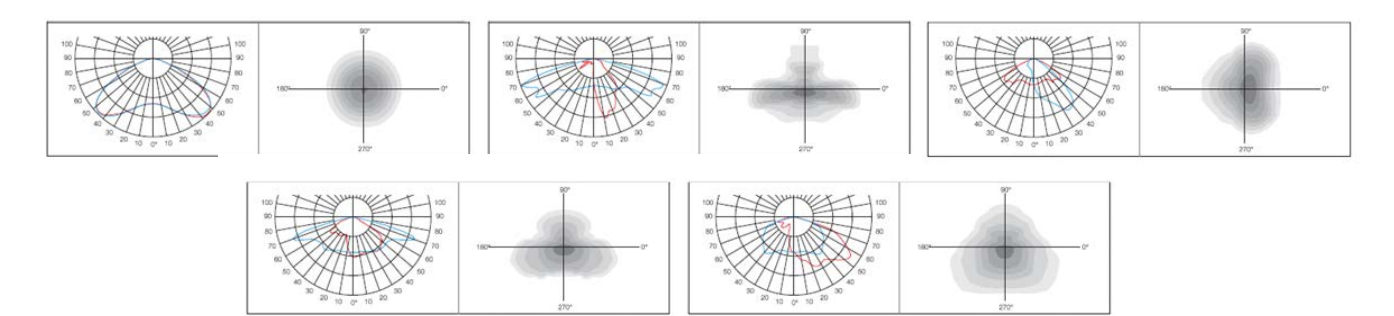
Model No	ELECTRA-MS-100-48	ELECTRA-MS-120-48	ELECTRA-MS-150-64	ELECTRA-SS-60-24	ELECTRA-SS-75-36
Power Consumption (±5%)	100W	120W	150W	60W	75W
LED Quantity	48	48	64	24	36
Input Voltage	220-240VAC, 50/60Hz				
Control	ON/OFF / Dimmable 0-10V / DALI				
Luminous Flux (±10%)	14.500lm	17.400lm	21.750lm	8.700lm	10.800lm
Efficacy	145 lm/W			145 lm/W	
CCT & CRI	3000K / 4000K, CRI70, CRI80				
Protection Rating	IK08, IP66				
Mounting	Suspended				
Luminaire Net Weight	7.5kg			6.5kg	6.6kg

Model No	ELECTRA-SS-30-24	ELECTRA-SS-40-24	ELECTRA-SS-60-24	ELECTRA-SS-75-24
Power Consumption (±5%)	30W	40W	60W	75W
LED Quantity	24			
Input Voltage	220-240VAC, 50/60Hz			
Control	ON/OFF / Dimmable 0-10V / DALI			
Luminous Flux (±10%)	4.350lm	5.800lm	8.700lm	10.800lm
Efficacy	145lm/W			
CCT & CRI	3000K / 4000K, CRI70, CRI80			
Protection Rating	IK08, IP66			
Mounting	Ø30			
Luminaire Net Weight	6kg		6.1kg	6.1kg

Dimensions drawing



Photometric Diagrams





ALCYONE Series

The economic LED street lighting series

Value-Engineered LED Street Light Series

Designed with efficiency and practicality in mind, this value-engineered LED street light series blends elegant simplicity with robust functionality. Its thoughtful design reflects exceptional innovation drawn from everyday needs. Offering a power range from 25W to 200W, it delivers outstanding performance and cost efficiency for diverse road lighting scenarios.

Streamlined Design with Smart Access

Featuring a simple and modern shape, this luminaire is equipped with a stainless-steel locking mechanism that allows tool-free opening for easy maintenance. Its thoughtful design ensures both aesthetic appeal and practical functionality.

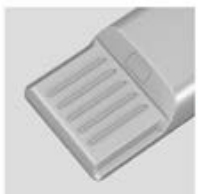
Durable Protective Design

Equipped with a tempered glass protective cover, ensuring long-lasting clarity and superior impact resistance. With an IK09 protection rating, it offers reliable durability and enhanced safety, even in demanding outdoor environments.

Mounting Options

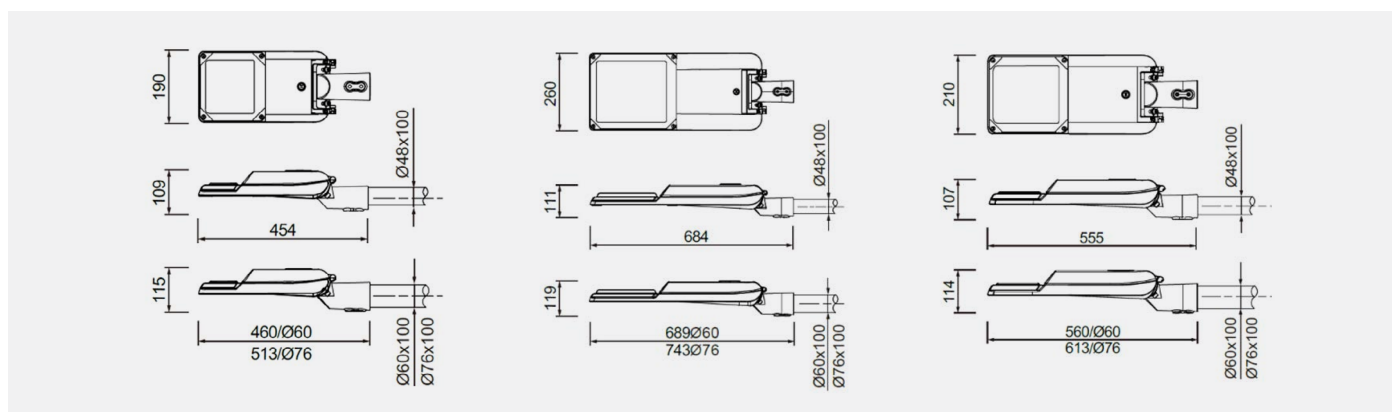
Safe and Weatherproof Design Featuring an IP66-rated electrical box, this luminaire ensures complete protection against dust and water. It includes a support rod for safe access during maintenance and an automatic power-off mechanism, providing effective protection for both the equipment and personnel.

Flexible installation with top or side fittings compatible with Ø48 mm, Ø60 mm, and Ø76 mm arms. The angle is adjustable from -10° to +10°, allowing precise positioning for optimal illumination and maintenance.

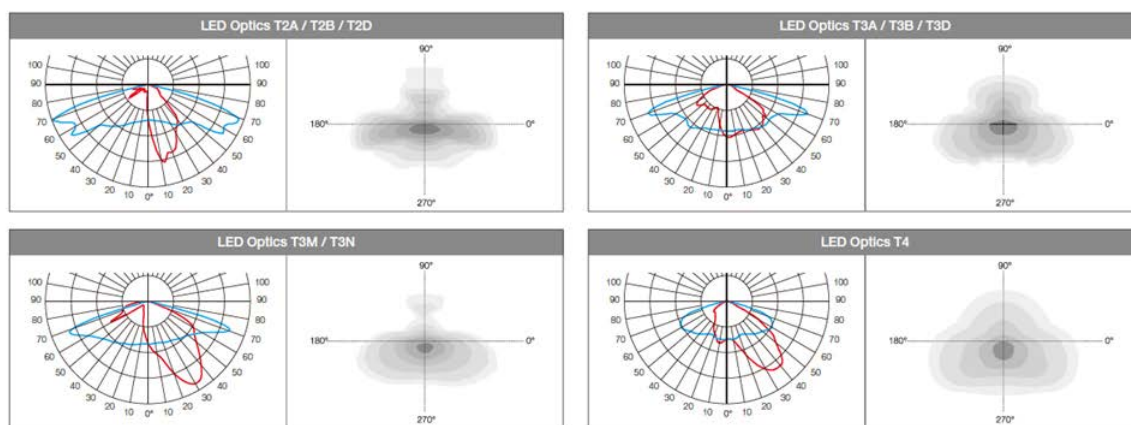


Model No	ALCYONE-S1	ALCYONE-S	ALCYONE-M
Power Consumption (±5)	25W- 60W	80W -120W	120W - 200W
Input Voltage	220 -240VAC, 50/60Hz		
Control	Dimmable / DALI control		
Luminous Flux (±10%)	3.750 - 9.000 lm	12.000 - 18.000 lm	18.000-30.000 lm
Efficacy (5000K RA70)	150 lm/W		
CCT & CRI	3000K / 4000K, CRI70, CRI80		
Protection Rating	IK09,IP66		
Luminaire Net Weight	3.8kg	5.0kg	9.0kg
Packing Size	515*210*115 mm	590*220*115 mm	735*270*115 mm

Dimensions Drawing



Photometric Diagrams



Mounting Options-Accessories



Ø76 Fixing Arm

Ø60 Fixing Arm

Ø48 Fixing Arm

Arm / Adapter required for install on the pole.



PHAETHON

Energy Efficient LED Street Lighting Luminaire Traditional roadway applications



Traditional and robust LED street luminaire, presented with a circular form close to the existing architectural character of compatible luminaires.

Uniform and efficient lighting is delivered to enhance safety, visibility, and visual comfort in streets, parks, and public spaces.

A durable and energy-efficient outdoor lighting solution is provided through advanced solid-state LED technology, ensuring reduced maintenance requirements and long-term operational reliability.



High-efficiency LED modules are integrated within a circular body, where uniform light distribution is achieved through precision-engineered optics. Effective heat dissipation is ensured by a thermally optimized aluminum housing that supports extended service life.

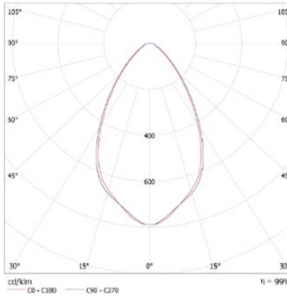
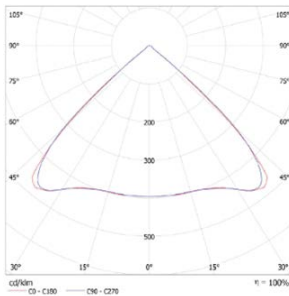
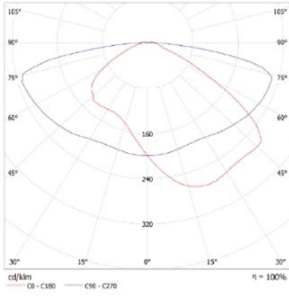
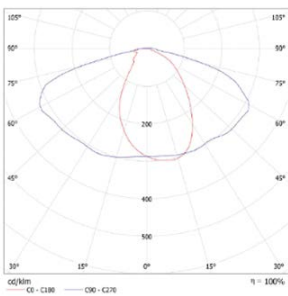
High level protection is provided with an IP66-rated sealed construction, and mechanical resistance is ensured with an IK08 impact protection rating.

Insulation Class II design ensures Electrical safety while Secure pole-top mounting compatibility is supported by an integrated bracket assembly, allowing safe and stable installation across roadway and pedestrian lighting applications.



Model No	PHAETHON
Power Consumption (±5)	7-25W
Input Voltage	220-240VAC, 50/60Hz
Luminous Flux (±10%)	1050-3750lm
Efficacy 3000K (4000K optional)	Up to 180lm/W
CCT & CRI	3000K (4000K optional), Ra70 (Ra80 optional)
Protection Rating	IK08, IP66
Operating Temperature	-30 oC to +50 oC
Warranty	5 years
Product Dimension	300 175 mm
Luminaire Net Weight	1,4kg

Photometric Diagrams





MARS Series

Powerful Outdoor Lighting for Industrial Sites

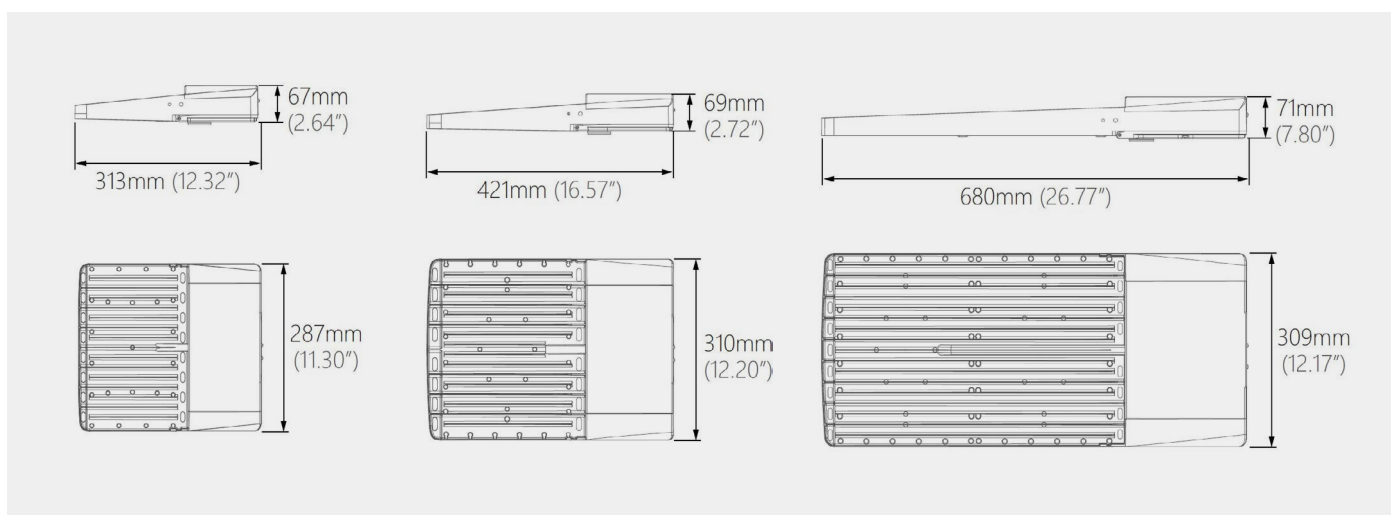


MARS Area Light Series comprises three models (S, M, and L), with power ratings ranging from 50W to 500W. The series is equipped with 4-in-1 power adjustment and 3-in-1 correlated color temperature (CCT) selection, offering enhanced flexibility to meet diverse application requirements. MARS is specifically designed for a wide range of outdoor applications, including parking lots, residential areas, streets, sidewalks, sports facilities, campuses, parks, as well as industrial and commercial environments. Furthermore, the M and L models utilize a common lens design, contributing to cost efficiency through reduced tooling and material requirements.

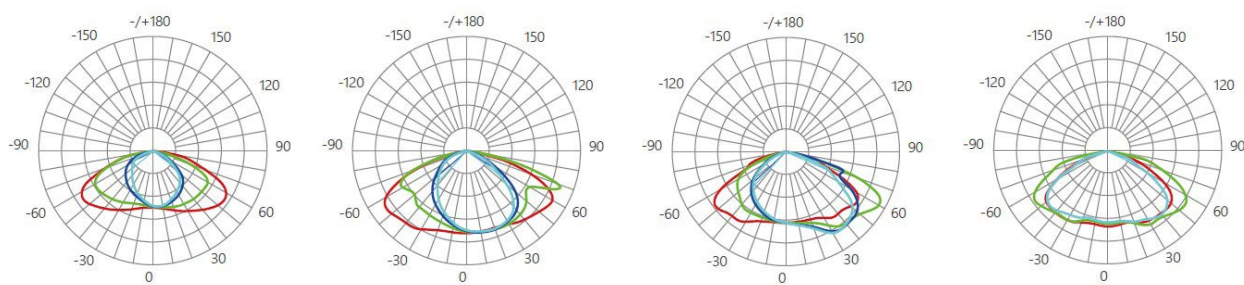
The heat sink of MARS Area Light Series is manufactured using ADC12 die-cast aluminum, ensuring high thermal conductivity and efficient heat dissipation. Its design incorporates ventilation features that promote natural air convection, thereby enhancing cooling performance. Furthermore, the structural design minimizes the risk of water accumulation, making the luminaire particularly suitable for installation in environments with high levels of rainfall.

Model No	MARS-100	MARS-150	MARS-200	MARS-240	MARS-300	MARS-400	MARS-500
Power Consumption (±5)	50W - 65W - 80W - 100W POWER SELECTABLE	80W - 100W - 120W - 150W POWER SELECTABLE	100W - 120W - 150W - 200W POWER SELECTABLE	120W - 150W - 200W - 240W POWER SELECTABLE	150W - 200W - 240W - 300W POWER SELECTABLE	200W - 240W - 300W - 400W POWER SELECTABLE	40W - 300W - 400W - 500W 2 POWER SELECTABLE
Input Voltage	AC100-277V, AC120-347V, AC200-480V~50/60Hz						
Control	DIM1-10V						
Luminous Flux (±10%)	8,000lm - 16,000lm	12,800lm - 24,000lm	16,000lm - 32,000lm	19,200lm - 38,400lm	24,000lm - 48,000lm	32,000lm - 64,000lm	38,400lm - 80,000lm
Efficacy (5000K RA70)	Up to 160lm/W						
CCT & CRI	3000K - 4000K - 5000K standard / 4000K - 5000K - 5700K optional Ra70						
Protection Rating	IK09, IP66						
Operating Temperature	-40°C~+45°C						
Warranty	5 Years						
Product Dimension	313x287x67mm			421x310x69mm		680x309x71mm	
Luminaire Net Weight	2.6kg			3.2kg		6.1kg	

Dimensions Drawing



Photometric Diagrams



Mounting Options-Accessories



INSTALLATION 150



INSTALLATION 151



INSTALLATION 152



INSTALLATION 153



Post Top Luminaires



OASIS Series

Premium Quality LED Luminaire Family

Multi-mount urban lighting designed for various applications



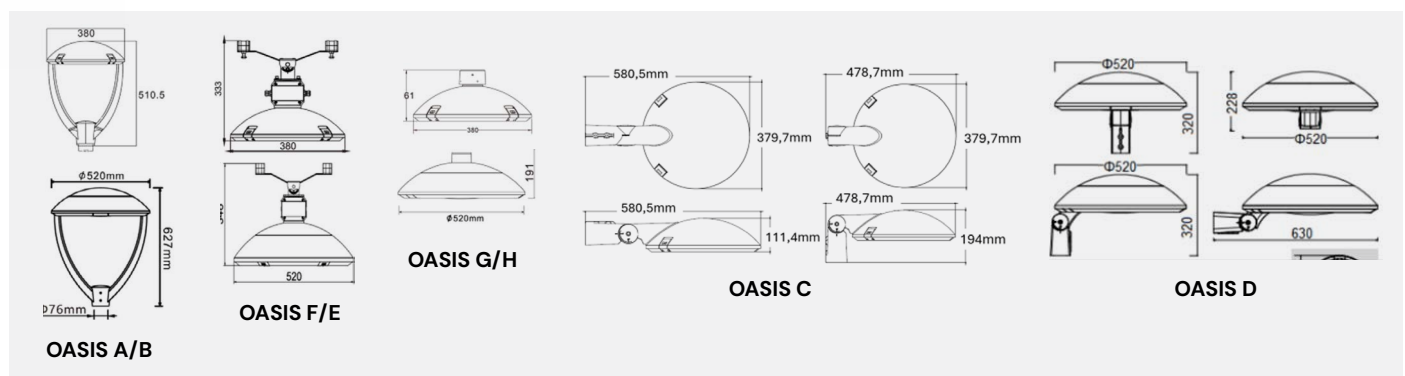
A decorative LED street luminaire family combines a classic dome-shaped design with modern LED technology, creating a versatile solution for urban and pedestrian environments. Multiple mounting configurations — including post-top, side-entry, suspended, and bracket-mounted versions — provide flexibility for a wide range of applications. The luminaire delivers uniform, glare-controlled lighting that enhances safety, visual comfort, and spatial definition in streets, pathways, parks, and public squares. Architectural consistency is maintained, allowing seamless integration into both contemporary and traditional lighting schemes.



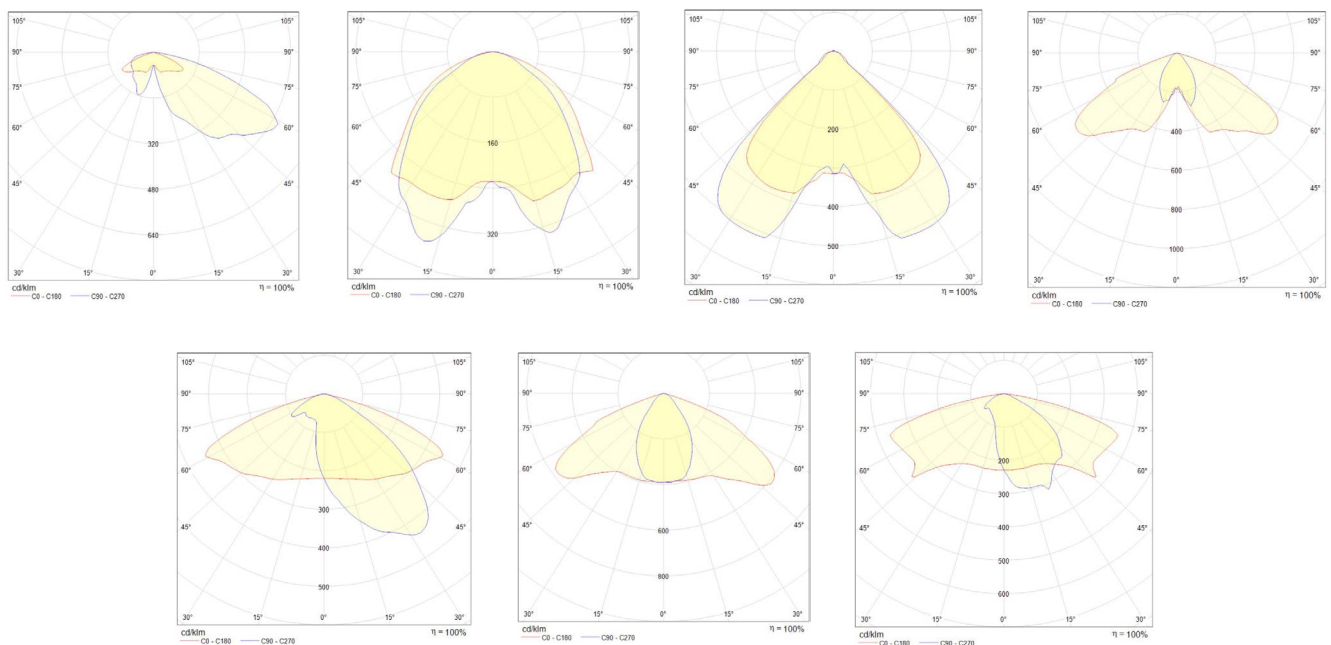
High-efficiency LED modules are integrated within a precisely engineered optical system to ensure reliable and uniform light distribution. Aluminum housing optimizes heat dissipation and supports long operational life. Protection against dust and water ingress is provided through an IP66-rated sealed construction, while mechanical durability is ensured with an IK08 impact resistance rating. Reliable performance is maintained in ambient temperatures up to Ta +50°C. Flexible installation is supported through multiple mounting options that accommodate various pole and bracket configurations.

Model No	OASIS A	OASIS C	OASIS F	OASIS G	OASIS B	OASIS D	OASIS E	OASIS H
Power Consumption (±5)	10-75W				20-115W			
Input Voltage	220-240VAC, 50/60Hz							
Control	Dimmable / DALI control / NEMA & ZHAGA control, Microwave sensor / PIR sensor							
Luminous Flux (±10%)	1400 - 6500 lm				6000 - 14000 lm			
Efficacy (5000K RA70)	Up to 170lm/W							
CCT & CRI	3000K (4000K optional), Ra70 (Ra80 optional)							
Protection Rating	IK08, IP66							
Operating Tempera- ture	30 oC to +50 oC							
Warranty	5 years							
Luminaire Net Weight	7kg		6kg		11kg		10kg	

Dimensions Drawing



Photometric Diagrams





GAIA

Advanced LED Street Lighting System for Cities

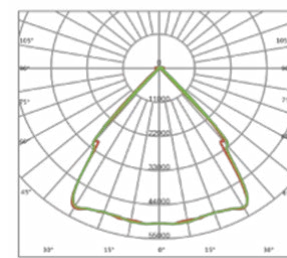
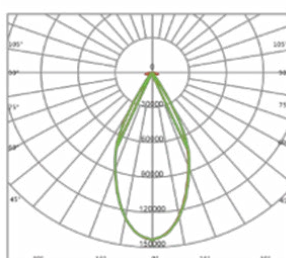
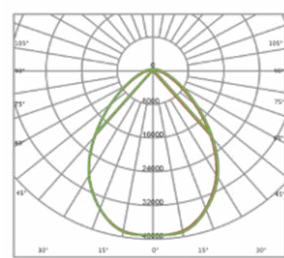
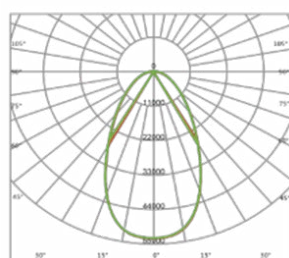
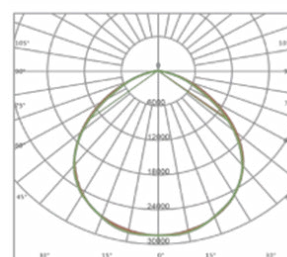
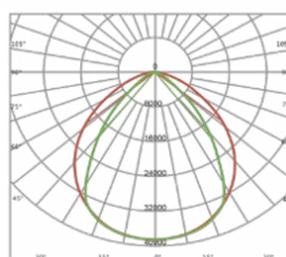
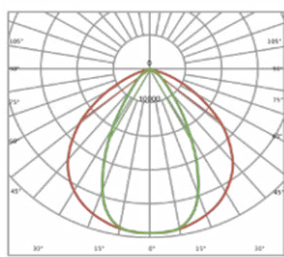
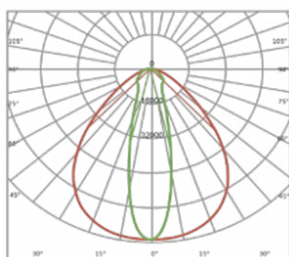


The luminaire features a distinctive spherical architectural design that combines decorative elegance with advanced LED lighting technology. Its transparent globe diffuser creates a refined visual appearance during both day and night, making it an ideal solution for parks, pedestrian zones, plazas, residential developments, waterfronts, and urban public spaces. The internal optical structure is carefully integrated within the globe, creating a clean and modern aesthetic while ensuring visual comfort and uniform illumination.

Designed for long-term outdoor performance, the luminaire incorporates a robust housing with an integrated thermal management system that ensures reliable LED operation and extended service life. Advanced optical components provide controlled light distribution with reduced glare and improved lighting uniformity, contributing to safer and more comfortable public spaces.

Model No	GAIA
Power Consumption (± 5)	20W
Input Voltage	220-240VAC, 50/60Hz
Control	Dimmable / DALI control / Zigbee control, Microwave sensor / PIR sensor
Luminous Flux ($\pm 10\%$)	2600lm
Efficacy (5000K RA70)	Up to 120lm/W
CCT & CRI	"6000K (3000K, 4000K, 5000K - optional), Ra>72"
Protection Rating	IK10, IP65
Operating Temperature	-30 oC to +50 oC
Warranty	5 years
Product Dimension	$\varnothing 325 \times H389$ mm
Luminaire Net Weight	2,8kg

Photometric Diagrams





ANAX

Premium Decorative Lighting solution



Classic Elegance & Modern Engineering

ANAX synonym of emperor is the combination of classic elegance and state of the art engineering, making available a lantern that perfectly blends into the most sophisticated urban landscapes

Robust and Eco Friendly, ANAX is a high efficacy led luminaire, 100% recyclable made out of die cast aluminum and tempered glass.

ANAX is available in all RAL Colors to perfectly match the needs of any installation

Flexible intelligent control for more energy saving

Available with programmable driver or in-pole smart control system to further improve energy efficiency and allow remote control and smart city applications.

Lighting Source & Optics

ANAX utilizes a certified LED module according to IEC 62717 consisting of high quality LED Chips, while PMMA lenses secure uniform and precise lighting distribution.

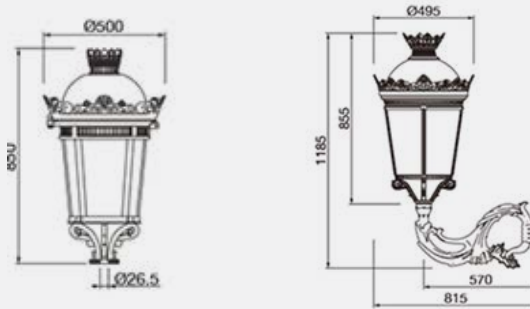
Mounting Options

ANAX is an ideal luminaire for heights between 3 and 4 meters.

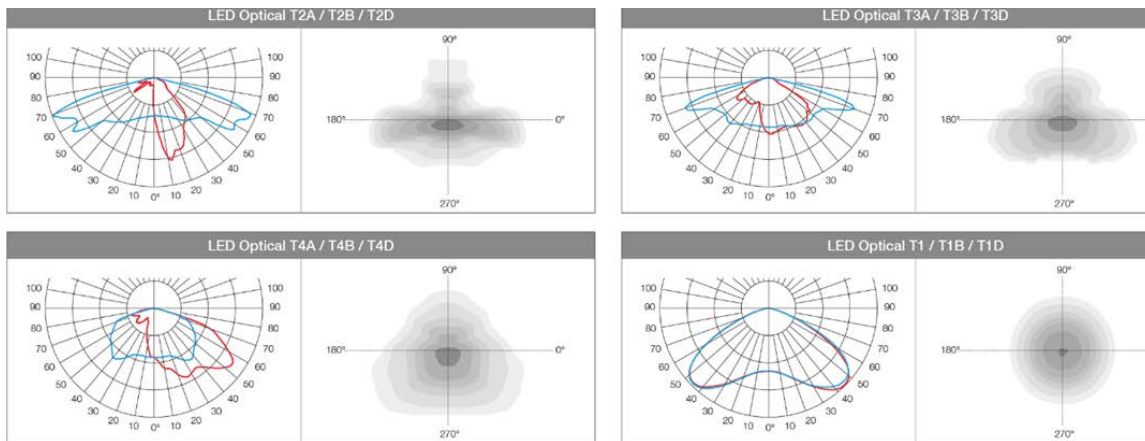
It offers a variety of post top and wall mounting brackets.

Model No	ANAX
Power Consumption (± 5)	15-50W
Input Voltage	230VAC, 50Hz
Control	Programmable, Dimmable, Remote Control
Luminous Flux ($\pm 10\%$)	2.000-8.500lm
Efficacy (5000K CRI 70)	Up to 170lm/W
CCT & CRI	2200K - 5700K, CRI 70 (CRI 80 optional)
Protection Rating	IK09, IP66
Operating Temperature	-30 °C to +50 °C
Warranty	5 years
Luminaire Net Weight	14,5kg

Dimensions Drawing



Photometric Diagrams



Mounting Options-Accessories



Wall bracket



PHAEAX Series

Decorative Architectural LED Family

Traditional City-Style Applications



Premium High-End LED Street Light

Designed for practical use, this high-end LED street light features three flexible installation methods and a power range from 10W to 75W. It is ideal for a variety of road lighting applications. With multiple optical system options available, it delivers tailored illumination to meet diverse functional and environmental requirements.

Intelligent sensing equipment

Equipped with advanced sensing technology, this system automatically adjusts luminous flux based on real-time monitoring of pedestrian and traffic flow. It ensures optimal brightness, enhanced safety, and improved energy efficiency by delivering the right amount of light exactly when and where it's needed

Optics

Equipped with a high-quality PC lens, this luminaire delivers visually comfortable and uniform lighting distribution.

Street Lighting Control

Designed for intelligent lighting networks, this luminaire is compatible with advanced smart control and remote management systems. It enables real-time monitoring, scheduling, and dimming adjustments to maximize energy savings and operational efficiency.

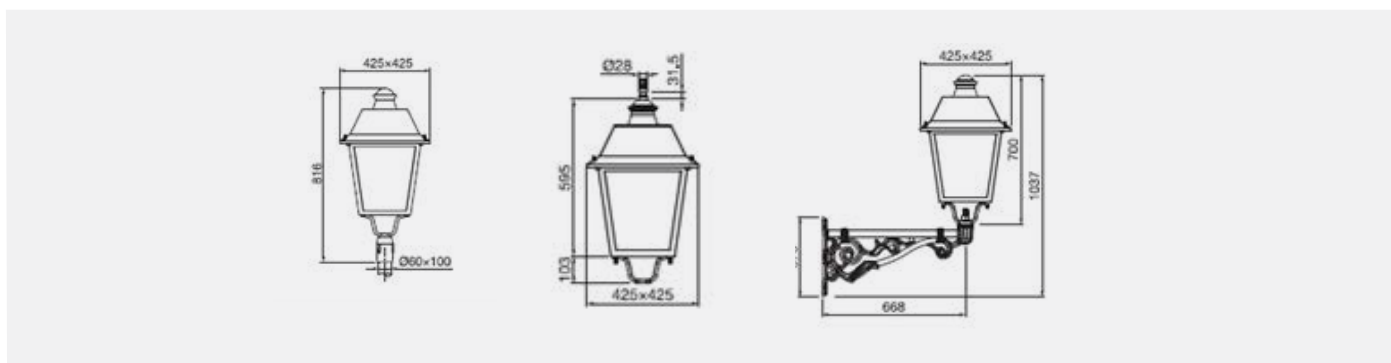
Simple Shape Design

Featuring a clean and modern design, this luminaire supports both top and side mounting with a Ø60 mm fitting.

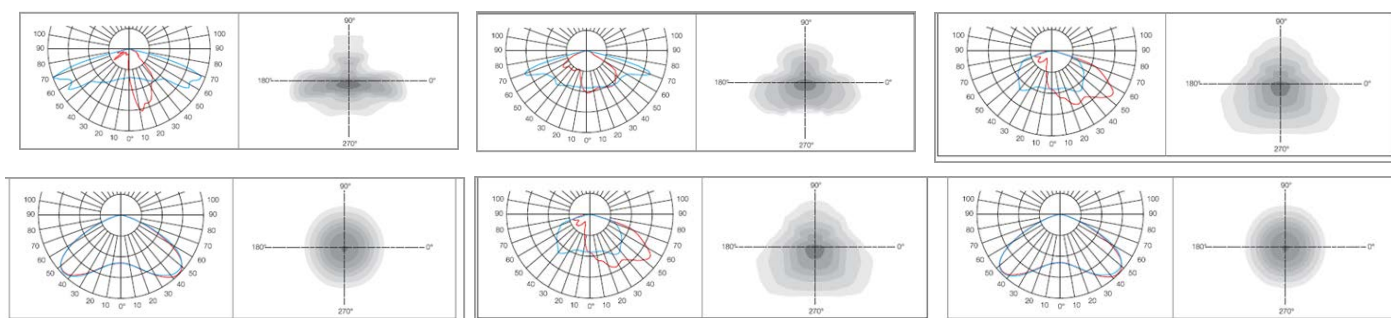


Model No	PHAEAX A	PHAEAX B	PHAEAX C	PHAEAX D	PHAEAX E	PHAEAX F
Power Consumption (±5)	10W - 75W					
Input Voltage	230VAC, 50Hz					
Control	ON-OFF / DALI / 1-10V					
Luminous Flux (±10%)	1,500lm - 8,500lm					
Efficacy (5000K RA70)	Up to 170lm/W					
CCT & CRI	3000K / 4000K - Ra70 (Ra80 optional)					
Protection Rating	IK08, IP66					
Operating Temperature	-30°C~+40°C					
Housing Materi	DIE CAST ALUMINUMAnti UV POWDER COATED					
Surge Protection Device	10KV (20kV optional)					
Protection Class	CLASS I / CLASS II					
Warranty	5 Years					
Product Dimension	300x300x645mm	425x425x816mm	300x300x450mm	425x425x816mm	300x300x707mm	425x425x1007mm
Luminaire Net Weight	5.6kg	10.5kg	5.8kg	10.5kg	7kg	14kg

Dimensions Drawing



Photometric Diagrams





ATLAS Series

Post Top Premium Applications for Cities

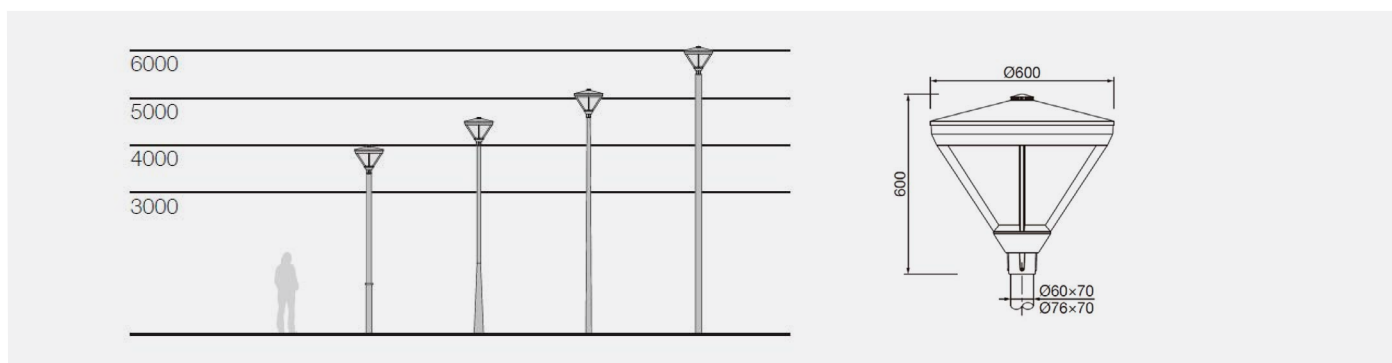


The luminaire is manufactured with a die-cast aluminium body, complemented by a polycarbonate (PC) transparent diffuser and a chrome-plated plastic reflector, ensuring both structural integrity and high optical efficiency. It incorporates advanced optical design with a PC lens, delivering enhanced visual comfort and uniform light distribution, while offering multiple light distribution options to accommodate various application requirements. The unit is equipped with high-quality LED chips and a driver supporting 0–10V, DALI, and programmable control functionalities, in addition to surge protection of up to 20 kV, ensuring operational reliability.

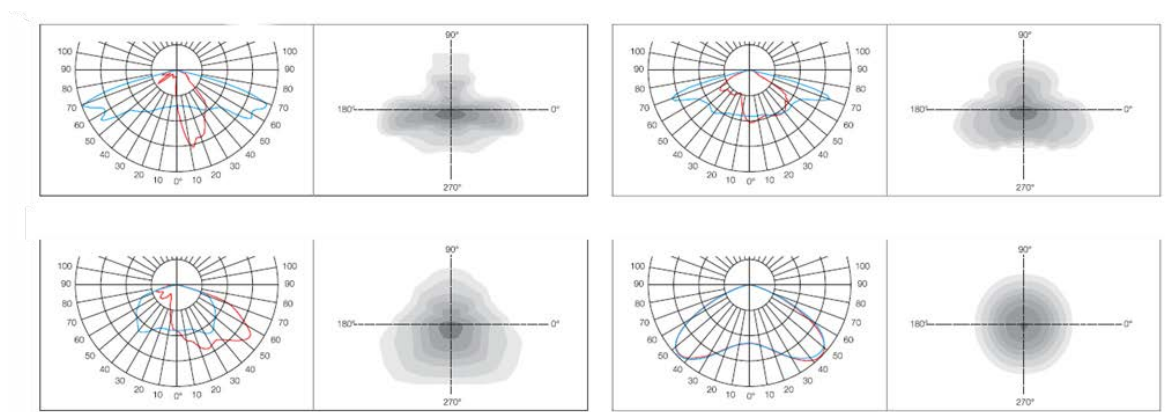
The internal LED module design facilitates ease of installation and maintenance, allowing for straightforward replacement. The surface is treated with an anti-ultraviolet pure polyester powder coating, providing corrosion resistance exceeding 1000 hours. The luminaire complies with EN 62471:2008 standards, ensuring no photobiological risk, including the absence of hazards related to infrared, blue light, or ultraviolet radiation. Furthermore, it supports smart street lighting control technology and is compatible with remote management systems, enhancing operational efficiency. All external fasteners are manufactured from 304 stainless steel, ensuring long-term durability and resistance to environmental conditions.

Model No	ATLAS-030	ATLAS-040	ATLAS-060	ATLAS-075
Power Consumption (±5)	30W	40W	60W	75W
Input Voltage	AC100-240V~50/60Hz			
Control	ON-OFF / DIM0-10V / DALI			
Luminous Flux (±10%)	3,610lm	4,770lm	7,470lm	9,310lm
Efficacy (5000K RA70)	Up to 125lm/W			
CCT & CRI	3000K / 4000K / 5000K / 6000K			
	Ra70*			
Protection Rating	IK08, IP65			
Operating Temperature	-30°C~+40°C			
Warranty	5 Years			
Product Dimension	600x600x580mm			
Luminaire Net Weight	12kg	12.1kg	12.1kg	12.3kg

Dimensions Drawing



Photometric Diagrams





NEPHELI Series

Elegant & Modern LED Luminaire for Cities



Modern Design Aesthetic

Clean architectural lines and advanced lighting performance are combined in this contemporary LED post-top luminaire, making it suited for modern urban and pedestrian environments.

High-Quality Illumination

Bright, uniform 360° illumination with high visual comfort is delivered to enhance safety and ambiance in outdoor spaces.

Standardized Mounting Compatibility

Compatibility with standard vertical pole-top mounting is provided, allowing outdoor-rated drivers and electrical components to be accommodated for municipal, commercial, and campus applications.

Lightweight Visual Profile

A slim, circular profile and tapered support are presented, allowing the luminaire to be integrated seamlessly into parks, pathways, campuses, and public plazas.



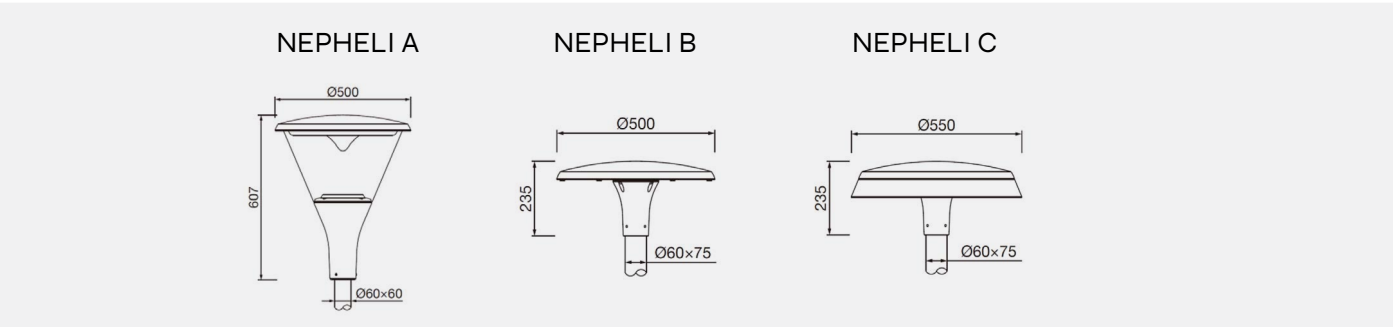
Thermal Management Performance

Effective passive thermal management is supported by the streamlined housing, allowing heat to be dissipated and stable operating temperatures to be maintained for extended LED service life.

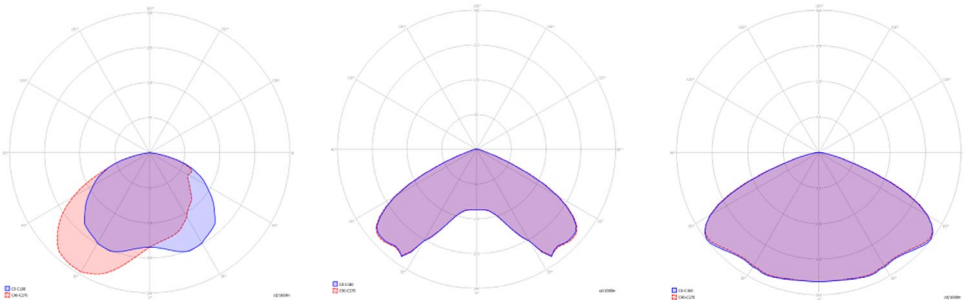


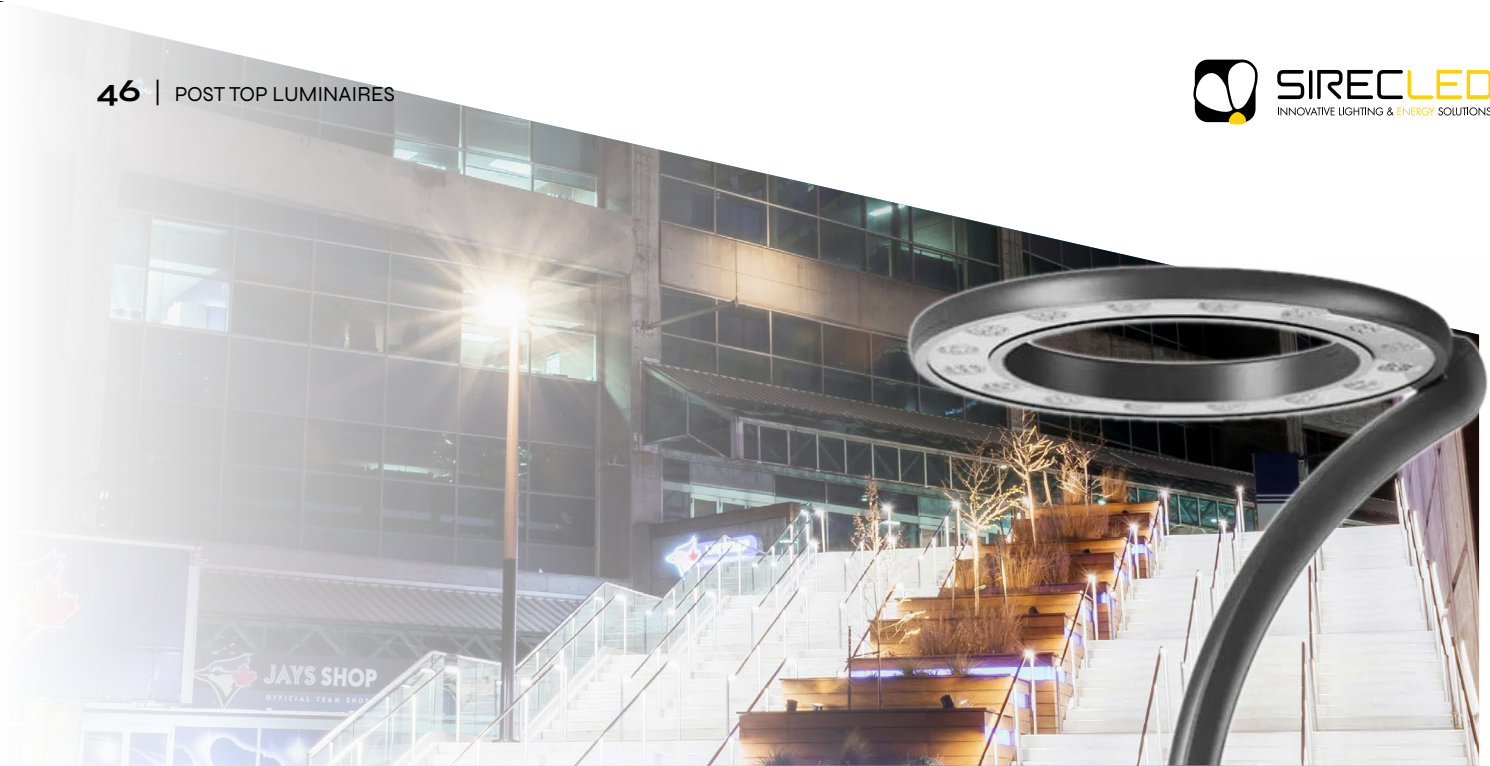
Model No	NEPHELI A30	NEPHELI A40	NEPHELI A60	NEPHELI B30	NEPHELI B40	NEPHELI B60	NEPHELI C30	NEPHELI C40	NEPHELI C60
Power Consumption (±5%)	30W	40W	60W	30W	40W	60W	30W	40W	60W
LED Quantity	24	24	24	32	32	32	32	32	32
Input Voltage	220-240VAC, 50/60Hz								
Control	Dimmable / DALI control								
Luminous Flux (±10%)	3.750 lm	4.800 lm	6.800 lm	4.500 lm	6.000 lm	9.000 lm	4.200 lm	5.600 lm	8.400 lm
Efficacy	up to 125 lm/W			150 lm/W			140 lm/W		
CCT & CRI	3000K / 4000K, CRI70, CRI80								
Protection Rating	IK08, IP66								
Mounting	Ø60								
Packing Size	515*515*660 mm			Ø570*570*285 mm			570*570*285 mm		
Luminaire Net Weight	9 kg			10 kg			10,5 kg		

Dimensions Drawing



Photometric Diagrams





KRONOS Series

Powerful LED Luminaire

for Specialized City Applications



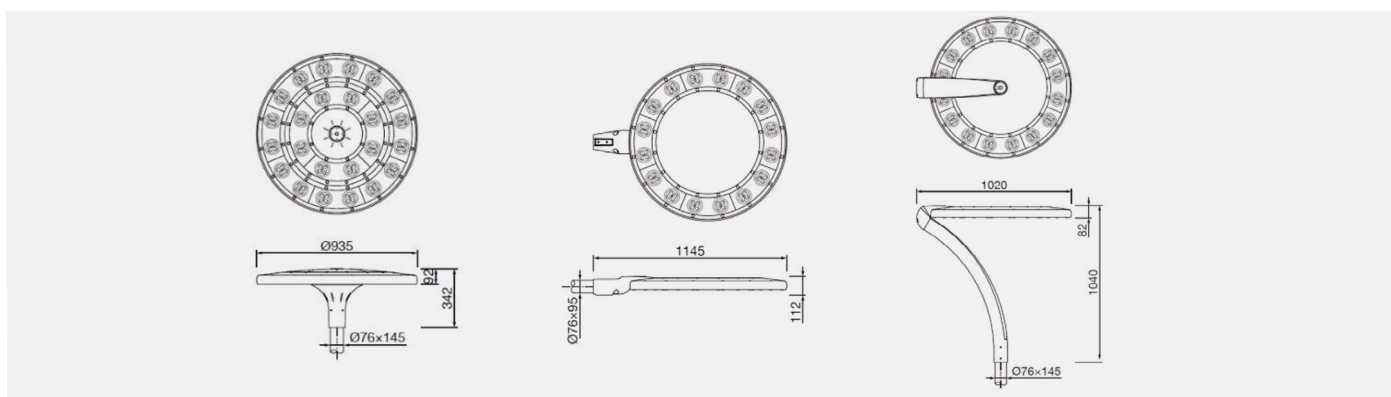
KRONOS comprises a series of creatively designed LED courtyard luminaires incorporating modern design elements. It offers three installation configurations, providing flexibility to suit various project requirements. The available power range extends from 150W to 360W, making the luminaires suitable for applications such as public squares, airports, parking areas, and similar environments. The design meets the demands of multifunctional lighting, while a variety of optical systems are available as options to accommodate different lighting distributions and performance criteria.

The luminaire is manufactured with a die-cast aluminium body and tempered glass, ensuring a robust construction and high optical performance. It incorporates advanced optical systems with a polycarbonate (PC) lens, providing enhanced visual comfort and uniform light distribution, while offering multiple light distribution options to meet diverse application requirements. The unit is equipped with high-quality LED chips and a driver supporting 0–10V, DALI, and programmable control functionalities, in addition to surge protection of up to 20 kV, ensuring reliable and stable operation.

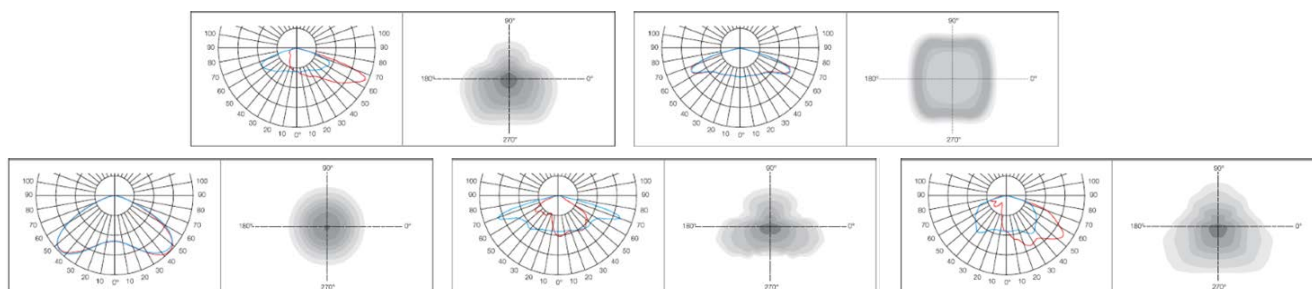
The design enables tool-free maintenance through a push-button opening mechanism, allowing for easy access, while the luminaire body can be conveniently detached and replaced. It supports three installation configurations and is compatible with installation tube diameters of Ø60/Ø76 mm, ensuring flexibility in installation. The surface is treated with an anti-ultraviolet pure polyester powder coating, providing corrosion resistance exceeding 1000 hours. KRONOS complies with EN 62471:2008 standards, ensuring no photobiological risk, including the absence of hazards related to infrared, blue light, or ultraviolet radiation. Furthermore, it supports smart street lighting control technology and is compatible with remote management systems. All external fasteners are manufactured from 304 stainless steel, ensuring long-term durability and resistance to environmental conditions.

Model No	KRONOS-AL 240	KRONOS-AL 330	KRONOS-AL 360	KRONOS-HM 150	KRONOS-HM 200	KRONOS-HM 240	KRONOS-PM 150	KRONOS-PM 200	KRONOS-PM 240
Power Consumption (±5)	240W	330W	360W	150W	200W	240W	150W	200W	240W
Input Voltage	AC100-240V~50/60Hz								
Control	ON-OFF / DIM0-10V / DALI								
Luminous Flux (±10%)	30,000lm 33,600lm	41,250lm 46,200lm	46,200lm 50,400lm	45,000lm 21,000lm	18,750lm 25,000lm	21,000lm 30,000lm	25,000lm 18,750lm	30,000lm 25,000lm	18,750lm 21,000lm
Efficacy (5000K RA70)	Up to 140lm/W								
CCT & CRI	4000K standard, 2700K / 3000K / 5700K / AMBER optional								
	Ra70, Ra80								
Protection Rating	IK09, IP66								
Operating Temperature	-30°C~+40°C								
Warranty	5 Years								
Product Dimension	935x92mm			1145x112mm			1020x82mm		
Luminaire Net Weight	32kg	32.5kg		15kg	15.5kg		26kg	26.5kg	

Dimensions Drawing



Photometric Diagrams





PYROS

Decorative Bell Light for Pedestrian and Urban Roadway Zones

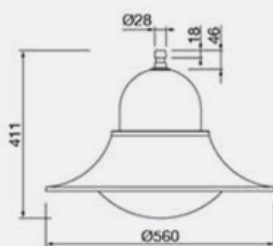


PYROS features a distinctive bell-shaped architectural design, combining functional performance with decorative aesthetics suitable for urban environments. Its elegant curved form allows the luminaire to integrate naturally into streets, parks, pedestrian areas, and traditional architectural settings while maintaining a contemporary lighting character. The top-mounted suspension installation enhances the visual balance of the fixture, creating a clean and harmonious appearance when installed on poles or brackets. This design approach not only contributes to the visual identity of the lighting installation but also ensures optimal light distribution for public spaces.

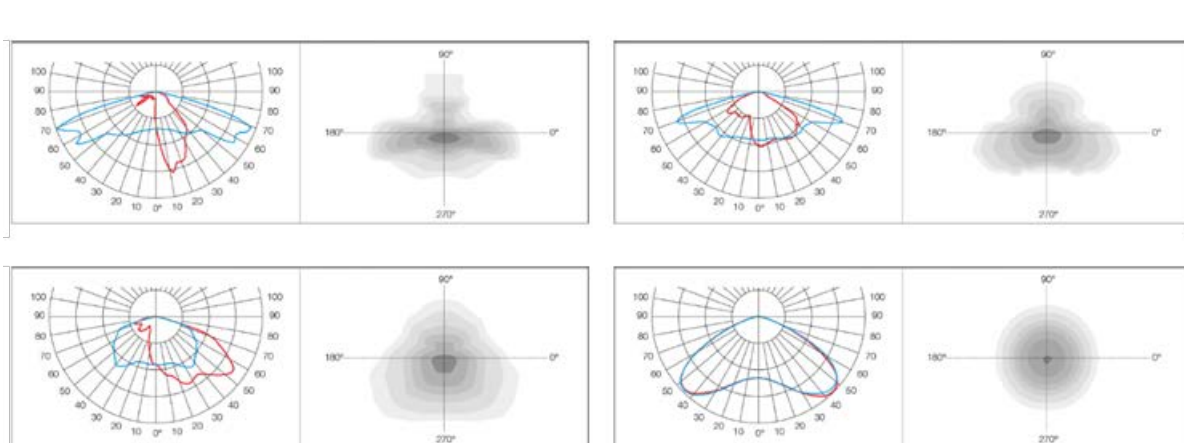
Constructed from high-quality die-cast aluminum with anti-UV polyester powder coating, the luminaire provides excellent corrosion resistance and long-term durability. Advanced optical systems using micro-prismatic PMMA diffusers and PC lenses deliver uniform illumination while reducing glare and improving visual comfort. High-performance Seoul Semiconductor LED chips, combined with premium drivers from Philips, Tridonic, or Inventronics, ensure stable electrical performance and luminous efficacy up to 170 lm/W. The luminaire supports DALI control with optional 1–10 V dimming, surge protection up to 10 kV, and compatibility with smart street lighting management systems, making it a reliable and efficient solution for modern urban lighting applications.

Model No	PYROS
Power Consumption ($\pm 5\%$)	15 – 50 W
Luminous Flux ($\pm 10\%$)	2,000 – 7,500 lm
Luminaire Efficacy	Up to 170 lm/W
Housing Material	Die-cast aluminum
Power Factor	>0.9
Control	DALI / Dimming 1–10V
Surge Protection Device	Up to 10 kV
CCT & CRI	3000 K / 4000 K, Ra >70
Insulation Class	Class I / Class II
Ambient Temperature	Ta $+40^{\circ}\text{C}$
Lifetime	L90 $> 100,000$ h
Mounting	Suspended / Top mounted $\varnothing 38\text{--}48$ mm
Dimensions	$\varnothing 560 \times 411$ mm
Weight	6.8 kg

Dimensions Drawing



Photometric Diagrams





KALYPSO Series

Modern lighting system for parks and urban areas



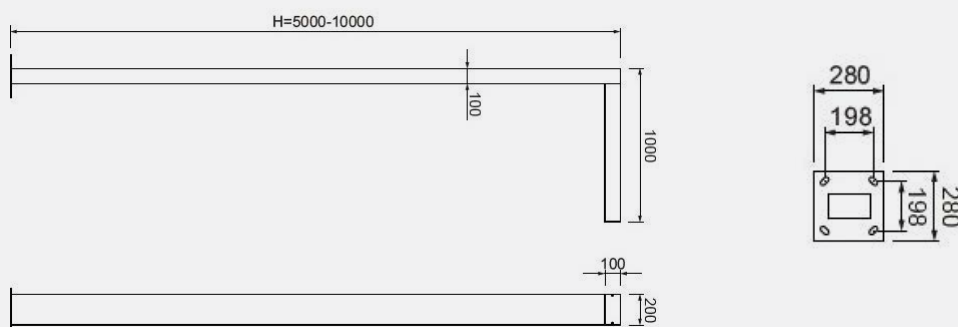
KALYPSO series combines timeless architectural design with advanced LED technology, making it suitable for a wide range of urban environments, from city streets and pedestrian walkways to public squares. Its modular design allows for rapid installation, easy maintenance, and integration of smart systems for ecological and energy-efficient management. The luminaire can be installed on square or round poles, or wall-mounted, with a simple two-step connection ensuring a secure and aesthetically balanced fit. High-performance optical components, including PC lenses and tempered glass, deliver uniform illumination while minimizing glare, creating a safe and visually comfortable urban space.

Engineered with aluminum alloy tensile bodies, anti-UV powder coating, and 304 stainless steel external screws, KALYPSO luminaires are highly resistant to corrosion and environmental wear. High-quality 3535/5050 LED chips and premium drivers with DALI / 1-10V / programmed options provide stable lighting, with surge protection up to 20 kV. The system is compatible with intelligent lighting controls, including VIRTUAL MIDNIGHT mode, IoT-ready Zhaga protocols, and remote flux reduction, enabling substantial energy savings while maintaining safety standards. Multiple optical distributions, modular LED replacement, and optional emergency or dual-CCT kits make KALYPSO series a versatile and future-proof solution for modern urban lighting.

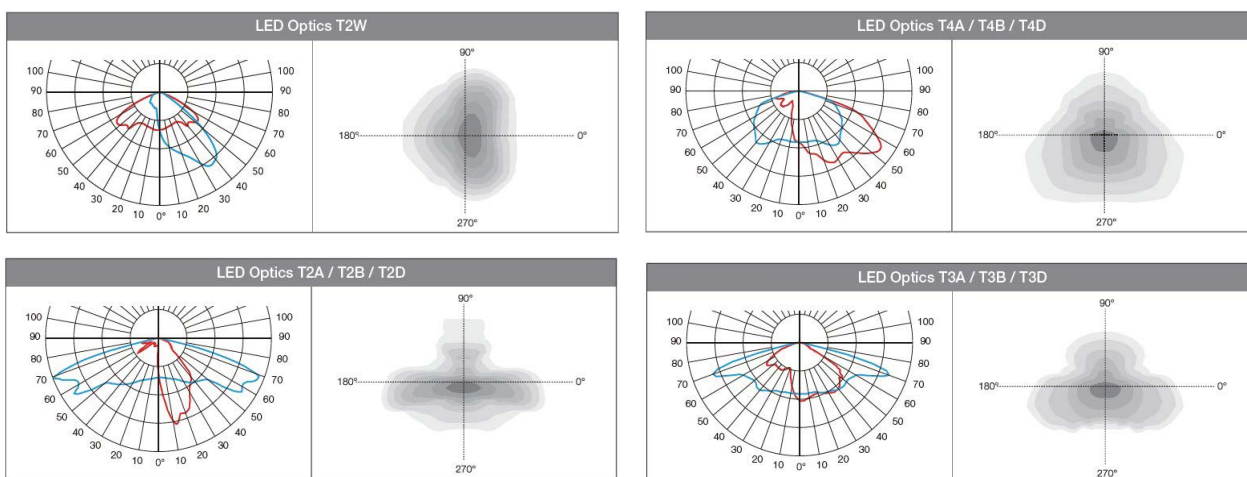


Model No	KALYPSO-S	KALYPSO-M	KALYPSO-L	KALYPSO-W	KALYPSO-RL	KALYPSO-RS	KALYPSO-RM
Power Range	40-75 W	75-120 W	150-240 W	40-75 W	150-240 W	40-75 W	75-120 W
LED Chips	3535 / 5050						
LED Qty	16-32 pcs	32-48 pcs	64-96 pcs	32 pcs	64 pcs	16-32 pcs	32-48 pcs
Control Options	Virtual Midnight / IoT / Zhaga						
Luminous Flux	5,100-7,500 lm	7,500-13,500 lm	15,000-30,000 lm	5,100-7,500 lm	15,000-30,000 lm	5,100-7,500 lm	7,500-13,500 lm
Efficacy	125-150 lm/W	150 lm/W	150 lm/W	150 lm/W	150 lm/W	150 lm/W	150 lm/W
Input Voltage	AC220-240V, 50 Hz						
Protection Rating	IP66						
Impact Resistance	IK08						
Driver	DALI / 1-10V / programmable						
Surge Protection	Up to 20 kV						
Mounting	Square / Round Pole / Wall						
Weight (kg)	10-15	11-14	13.5-16.2	12.8	13.5-16.2	12.9	14

Dimensions Drawing



Photometric Diagrams





COSMOS Series

Decorative Lighting for Public Areas

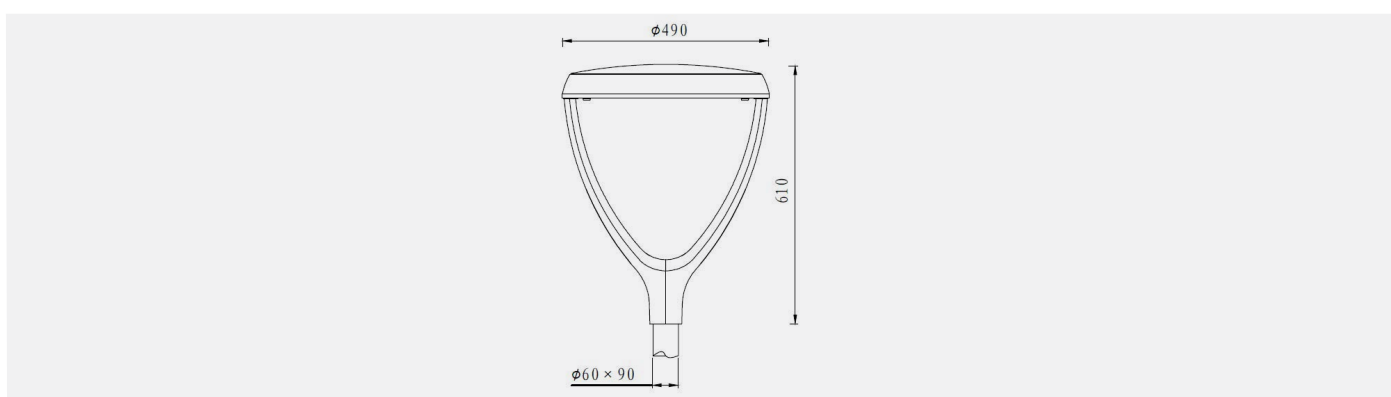


COSMOS features a contemporary interpretation of classic LED garden lighting, combining modern aesthetics with versatile functionality. Its design incorporates a range of interchangeable mounting brackets, enabling the creation of varied visual effects to suit different architectural and landscape requirements.

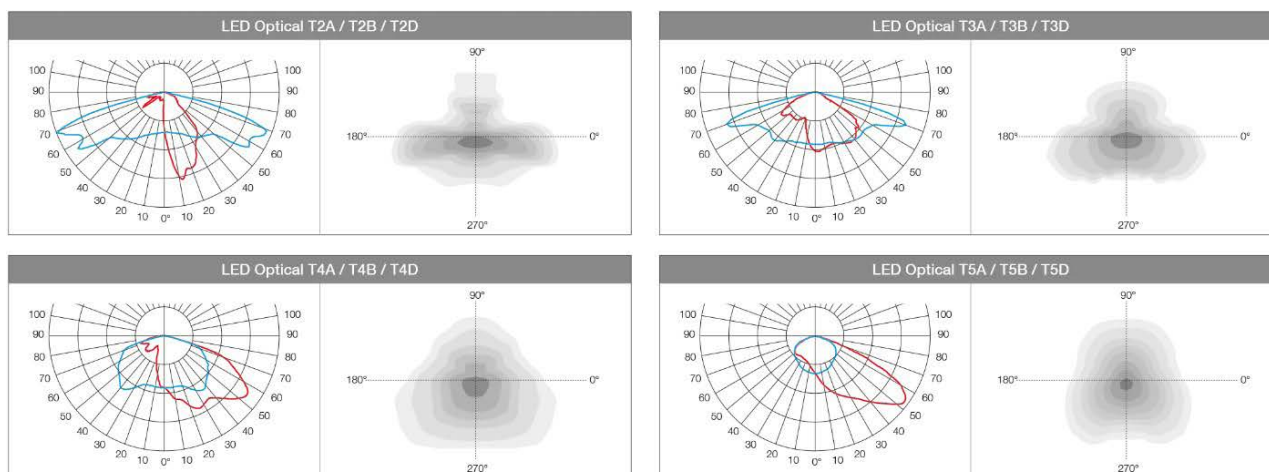
With a power range from 40W to 80W, COSMOS offers flexibility for diverse outdoor applications, including public squares, parks, and residential communities. The combination of adaptable design and reliable performance makes it a suitable solution for enhancing both the visual appeal and functionality of outdoor environments.

Model No	COSMOS-L	COSMOS-P	COSMOS-S	COSMOS-H
Power Consumption (± 5)	40W / 60W / 80W			
Input Voltage	AC100-240V~50/60Hz			
Control	ON-OFF / DIM0-10V / DALI			
Luminous Flux ($\pm 10\%$)	4,600lm / 7,680lm / 10,240lm			
Efficacy (5000K RA70)	Up to 130lm/W			
CCT & CRI	4000K Standard, (3000K Optional), Ra80			
Protection Rating	IK09, IP66			
Operating Temperature	$-30^{\circ}\text{C} \sim +40^{\circ}\text{C}$			
Warranty	5 Years			
Product Dimension	490x610mm	490x565mm	490x130mm	490x91mm
Luminaire Net Weight	12.5kg	9.7kg	8.3kg	9kg

Dimensions Drawing



Photometric Diagrams





FERRA Series

Architectural Bollard, Modern Landscape Enhancement

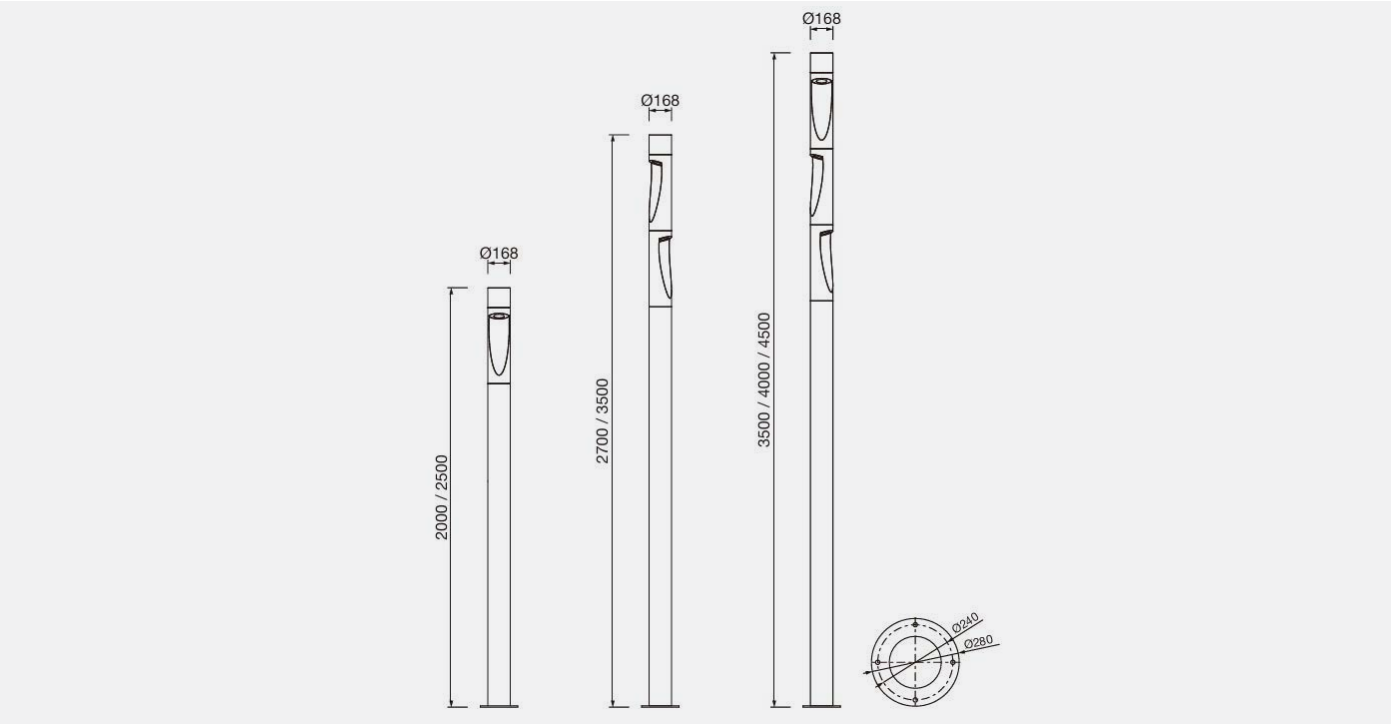


FERRA series features a modular design incorporating modern aesthetic elements and a clean, minimalist form. Its adaptable configuration allows for the adjustment of multiple module rotation angles, enabling it to meet a variety of lighting application requirements. The series offers a power range from 50W to 150W, providing flexibility and efficiency across different installation scenarios.

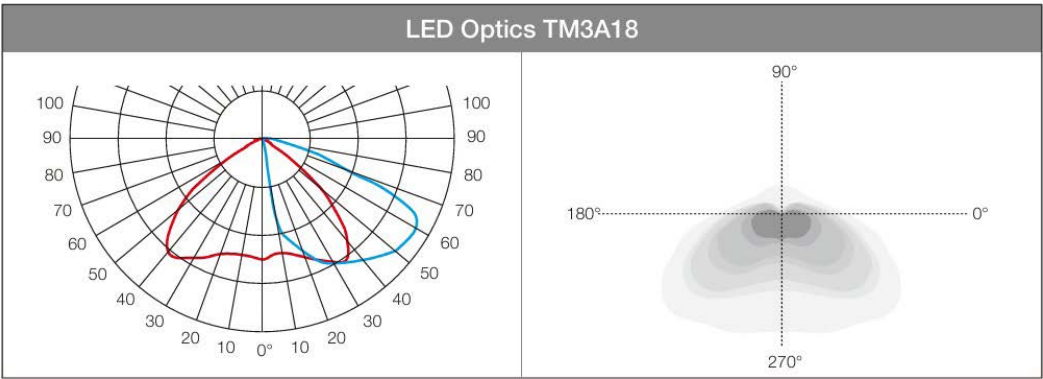
FERRA's unit is equipped with high-quality LED chips and a driver supporting 0–10V, DALI, and programmable control functionalities, in addition to surge protection of up to 20 kV, ensuring reliable and stable operation. The integrated LED module and electrical components are designed to facilitate ease of installation and maintenance, enabling straightforward replacement when required. The surface is treated with an anti-ultraviolet pure polyester powder coating, providing corrosion resistance exceeding 1000 hours. FERRA complies with EN 62471:2008 standards, ensuring the absence of photobiological risks, including hazards related to infrared, blue light, and ultraviolet radiation. Furthermore, FERRA supports smart street lighting control technology and is compatible with remote management systems. All external fasteners are manufactured from 304 stainless steel, ensuring long-term durability and resistance to environmental conditions.

Model No	FERRA-A	FERRA-B	FERRA-C
Power Consumption (±5)	50W	100W	150W
Input Voltage	AC100-240V~50/60Hz		
Control	ON-OFF / DIM0-10V / DALI		
Luminous Flux (±10%)	6,000lm	12,000lm	18,000lm
Efficacy (5000K RA70)	Up to 120lm/W		
CCT & CRI	4000K standard, 2700k / 3000K / 5700K / AMBER optional		
	Ra70,Ra80~		
Protection Rating	IK09, IP66		
Operating Temperature	-30°C~+40°C		
Warranty	5 Years		
Product Dimension	168x2000mm / 168x2500mm	168x2700mm / 168x3500mm	168x3500mm / 168x4000mm / 168x4500mm
Luminaire Net Weight	20.5kg / 25.5kg	27kg / 31kg	31kg / 34kg / 38kg

Dimensions Drawing



Photometric Diagrams





Floodlights



SGL Series

Modular LED floodlight for industrial applications

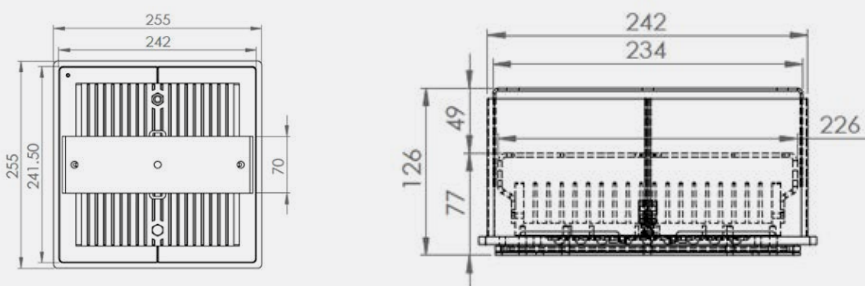


The SGL133 LED luminaire is designed to provide reliable and high-efficiency lighting for tunnel, ceiling, and industrial applications where durability and consistent illumination are essential. Its compact architectural design, based on an extruded aluminum housing, integrates seamlessly into infrastructure environments while offering excellent thermal management through an integrated aluminum heatsink. Equipped with high-performance Nichia LED light sources and high-quality drivers from Philips or Inventronics, the luminaire achieves luminous efficacy of up to 170 lm/W and delivers stable illumination for demanding environments such as tunnels, underpasses, industrial facilities, and large indoor areas.

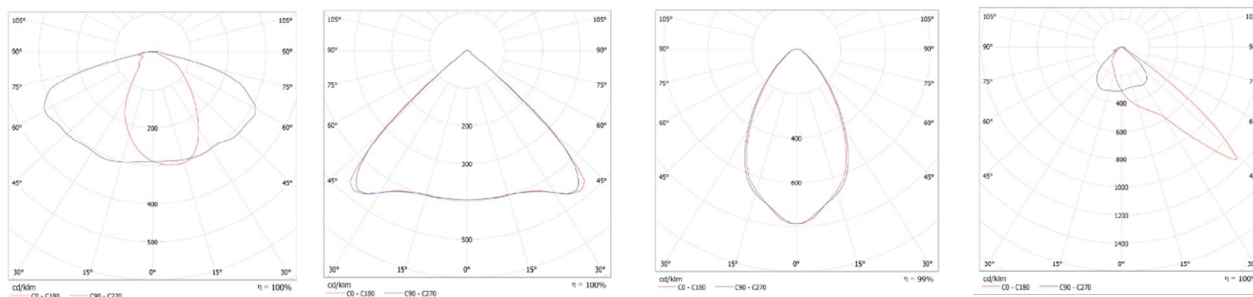
The optical system incorporates a micro-prismatic PMMA diffuser with high light transmittance, protected by 4 mm tempered glass, ensuring uniform light distribution and reduced glare. The luminaire supports DALI control with optional 1–10V dimming and includes surge protection up to 10kV for electrical reliability. With protection ratings of IP66 and IK08, operating temperature up to Ta +40°C, and lifetime exceeding 60,000 hours (L80), the SGL133 luminaire provides a robust and efficient lighting solution. Multiple mounting configurations — including box mounting, recessed rosette mounting, and adjustable bracket mounting with $\pm 90^\circ$ tilt — offer flexibility for different installation requirements.

Model No	SGL133 Single	SGL133 Double
Power Consumption (± 5)	50 – 100 W	110 – 200 W
Input Voltage	230Vac / 50Hz	
Control Options	1-10V / DALI / NEMA or ZHAGA ready	
Luminous Flux	7,500 – 13,000 lm	13,500 – 26,000 lm
Luminous Efficacy	Up to 170 lm/W	
LED Source	Nichia	
Driver	Philips / Inventronics	
CCT & CRI	3000K / 4000K, Ra >70 (Ra > 80 optional)	
Power Factor	>0.90	
Surge Protection Device	10kV	
Protection Rating	IP66, IK08	
Operating Temperature	Ta +40°C	
Lifetime	L80 > 60,000 h	
Housing Material	Extruded Aluminum / Micro-prismatic PMMA /4 mm tempered	
Protection Class	Class I	
Dimensions	255x255x140 mm	510x255x140 mm
Weight	5.7 kg	12.5 kg

Dimensions Drawing



Photometric Diagrams





FREYA Series

Powerful Floodlight , Sports and Industry Applications

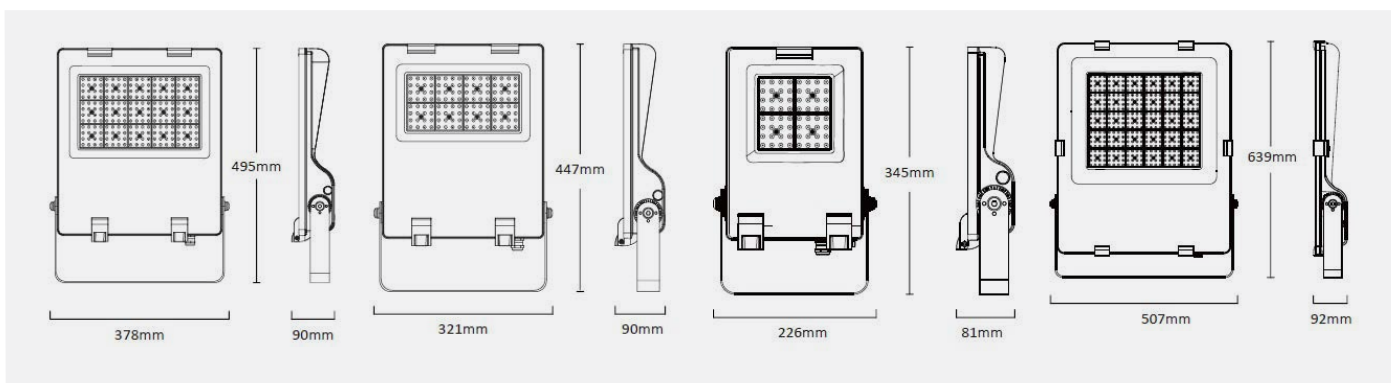


The FREYA LED Flood Light is engineered to deliver high-performance outdoor illumination with luminous efficacy up to 170 lm/W and a lifetime exceeding 100,000 hours (L70 @ 25°C). A wide power range from 30W to 400W across S, M, L, and XL versions ensures flexible application coverage for recreational sports facilities, billboards, parking lots, roundabouts, and outdoor areas. Multiple optical distributions — including 25°, 60°, 90°, 120°, and asymmetrical beams — allow precise light control for both area and accent lighting applications. High-quality components such as Philips Lumileds LEDs and premium drivers are integrated to ensure stable and efficient performance. Visual consistency is maintained with <5 SDCM color deviation and CRI Ra>70 (Ra>80 optional), while various CCT options from 3000K to 5700K are available.

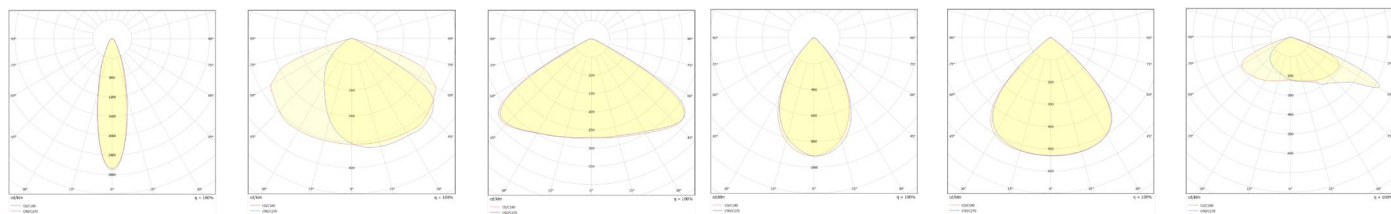
Durability and environmental protection are ensured through IP66-rated sealing and IK10 impact resistance, supported by a high-pressure die-cast aluminum housing and tempered glass cover with UV-resistant polycarbonate lens. Operation is supported within ambient temperatures from -40°C to +50°C. A programmable LED driver with built-in 10kV surge protection is provided as standard, with optional extra 10kV SPD available upon request. Flexible installation is enabled through a 0–270° adjustable bracket, allowing wall, pole, floor, or ceiling mounting. Additional features such as 1–10V dimming, timer dimming, DALI (optional), photocell, motion sensor, and smart controller compatibility further enhance system adaptability. A 5-year warranty is provided to ensure long-term reliability and reduced maintenance costs.

Model No	FREYA-30M FREYA-30M+	FREYA-40M	FREYA-50M	FREYA-60M FREYA-60M+	FREYA-80M FREYA-80M+	FREYA-100M	FREYA-120M	FREYA-150L FREYA-150L+	FREYA-180L FREYA-180L+	FREYA-200L	FREYA-240L	FREYA-320XL FREYA-320XL+	FREYA-400XL
Power Consumption (±5)	30W	40W	50W	60W	80W	100W	120W	150W	180W	200W	240W	320W	400W
Input Voltage	AC100-240V / 277V, 50/60Hz												
Control	1-10V (standard), Timer dimming, DALI optional / Photocell, Motion sensor, NTC, OLC, Solar Compatible												
Luminous Flux (±10%)	4200 lm 4650 lm	6000 lm	7000 lm	9600 lm 10200 lm	12400 lm 13200 lm	15500 lm	18600 lm	23250 lm 24750 lm	28800 lm 29700 lm	31000 lm	36000 lm	52800 lm 54400 lm	64000 lm
Efficiency	140lm/W 155lm/W	150lm/W	140lm/W	160lm/W 170lm/W	155lm/W 165lm/W	155lm/W	155lm/W	155lm/W 165lm/W	160lm/W 165lm/W	155lm/W	150lm/W	165lm/W	160lm/W 170lm/W
CCT & CRI	3000K / 4000K / 5000K / 5700K Ra>70 (Ra>80 optional)												
Protection Rating	IP66, IK10												
SDCM	<5												
Quality Performance	PF 0.95, THD<15%												
SPD	10kV Built-in (Extra 10kV optional except XL)												
Optics	25° / 60° / 90° / 120° / Asymmetrical												
Operating Temperature	-40°C to +50°C												
Housing Material	High pressure die-cast aluminum, Tempered glass, Lens UV-resistant polycarbonate												
Mounting	Adjustable bracket (0-270°), Wall / Pole / Floor / Ceiling												
Protection Class	Class I (Default), Class II (30W-240W)												
Lifespan	>100,000h L70 @25°C												
Warranty	5 Years												
Product Dimensions	345x226x81mm			447x321x90mm				495x378x90mm				639x507x92mm	
Net Product Weight	2.3kg			4.4kg				6kg				12kg	
Carton Size	350x295x145mm			425x385x140mm				470x445x145mm				655x570x180mm	
Gross Weight	2.9kg			4.9kg				6.7kg				13.5kg	

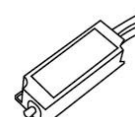
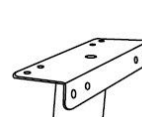
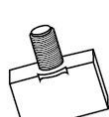
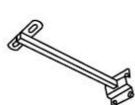
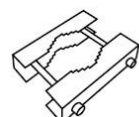
Dimensions Drawing



Photometric Diagrams



Mounting Options-Accessories


GLAMP
BRACKET

MOUNTING
ARM

PHOTOCELL

PIR
SENSOR

POLE
ADAPTER

SMART
CONTROLLER



ARES Series

Reliable Outdoor Performance for Multiple Outdoor Applications



Glass & Lens

ARES series features a glass and lens combination for double protection, with anti-impact IK08 rating and high weather resistance. The glass shields the PC lens from UV rays, ensuring long-lasting high brightness illumination.

Robust Bracket with 5-Degree Tick Marks

The u-bracket offers exceptional strength to withstand outdoor wind pressure, ensuring stability and reliability. It also offers good adjustments using a 5-degree tick marks knob, providing precise control over the direction of light. This flexibility, combined with its adaptable light types that include both symmetry and asymmetry, ensures accurate illumination in desired positions. This makes ARES an optimal choice for customers who prioritize high construction precision.

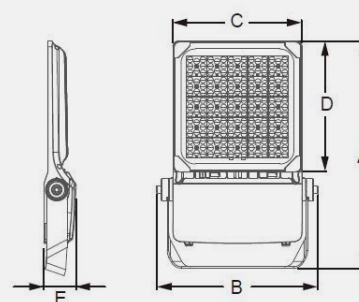
Dual Breath Value Design

ARES series is equipped with metal breather valves in both the driver and LED compartments. These valves ensure balanced air pressure between the interior and exterior of the luminaire, effectively preventing moisture condensation from impacting electrical components. In addition, they minimize light attenuation caused by water vapor accumulation on the luminous surface, thereby enhancing reliability, performance, and long-term operational stability.

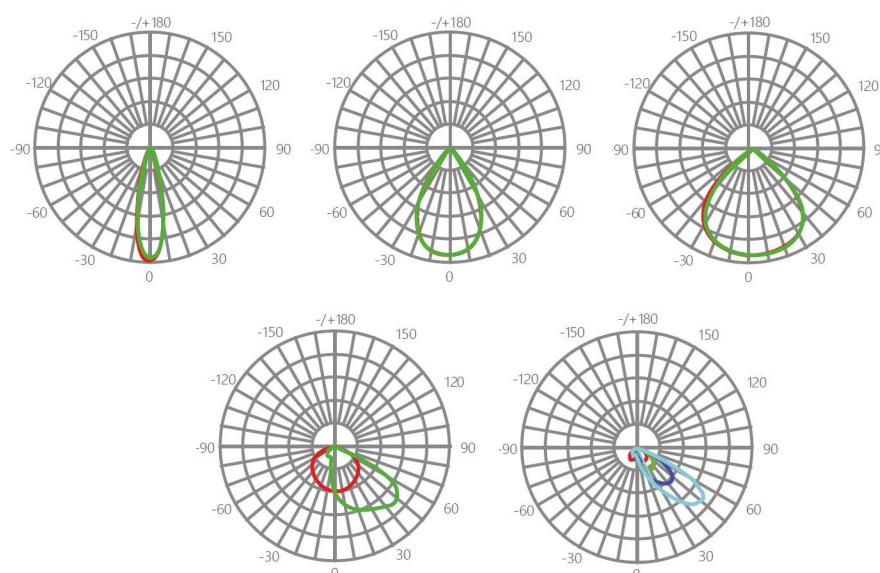
Model No	ARES 200W/300W/400W	ARES 400W/500W/600W	ARES 600W/700W/800W
Power Consumption (±5)	200W / 300W / 400W	400W / 500W / 600W	600W / 700W / 800W
	(Wattage selectable optional)	(Wattage selectable optional)	(Wattage selectable optional)
Input Voltage	AC100-277V, AC220-240V		
Control	ON-OFF (standard) / DIM0-10 / DALI 2 (optional)		
Luminous Flux (±10%)	33,000lm-66,000lm	68,000lm-102,000lm	105,000lm-140,000lm
Efficacy (5000K RA70)	Up to 175lm/W		
CCT & CRI	3000K/ 4000K/ 5000K/ 5700K/ 6500K (CCT selectable optional)		
	Ra70		
Protection Rating	IK08, IP66		
Operating Temperature	-40°C~+50°C		
Warranty	5 Years		
Product Dimension	580x400x80mm	750x500x80mm	812x635x84mm

Dimensions Drawing

Dimension (mm/ in)					N.W (kg/lbs)
A	B	C	D	E	
580mm 22.83"	400mm 15.75"	308mm 12.12"	316mm 12.44"	80mm 3.15"	7.5 kg 16.5 lbs
750mm 29.53"	500mm 19.69"	400mm 15.74"	410mm 16.14"	80mm 3.15"	13.5 kg 29.8 lbs
812mm 31.97"	635mm 25"	577mm 22.72"	515mm 20.28"	84mm 3.31"	20 kg 44.1 lbs



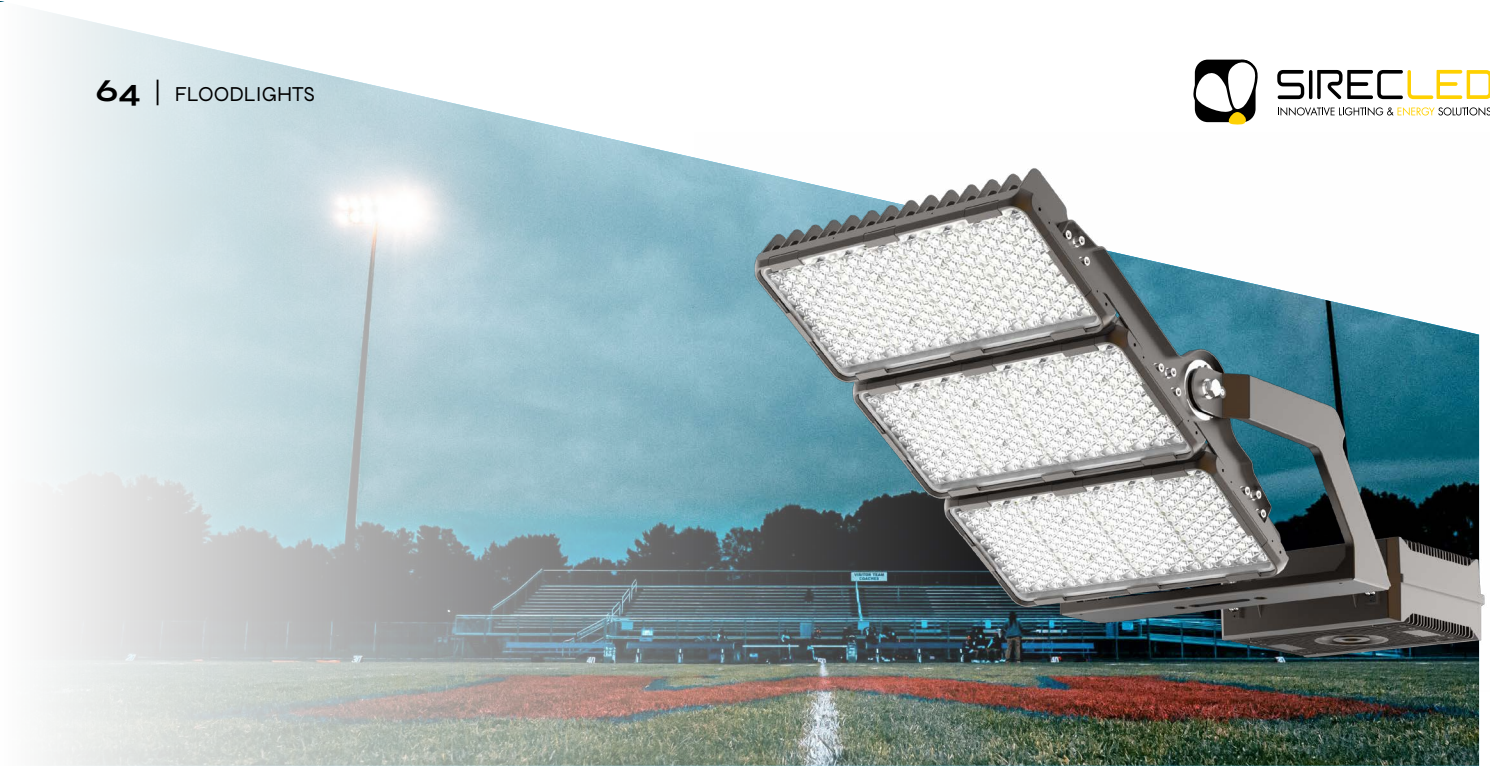
Photometric Diagrams



Mounting Options-Accessories



Nema & Zhaga



HERA Series

Professional Sports Lighting, TV Broadcast applications

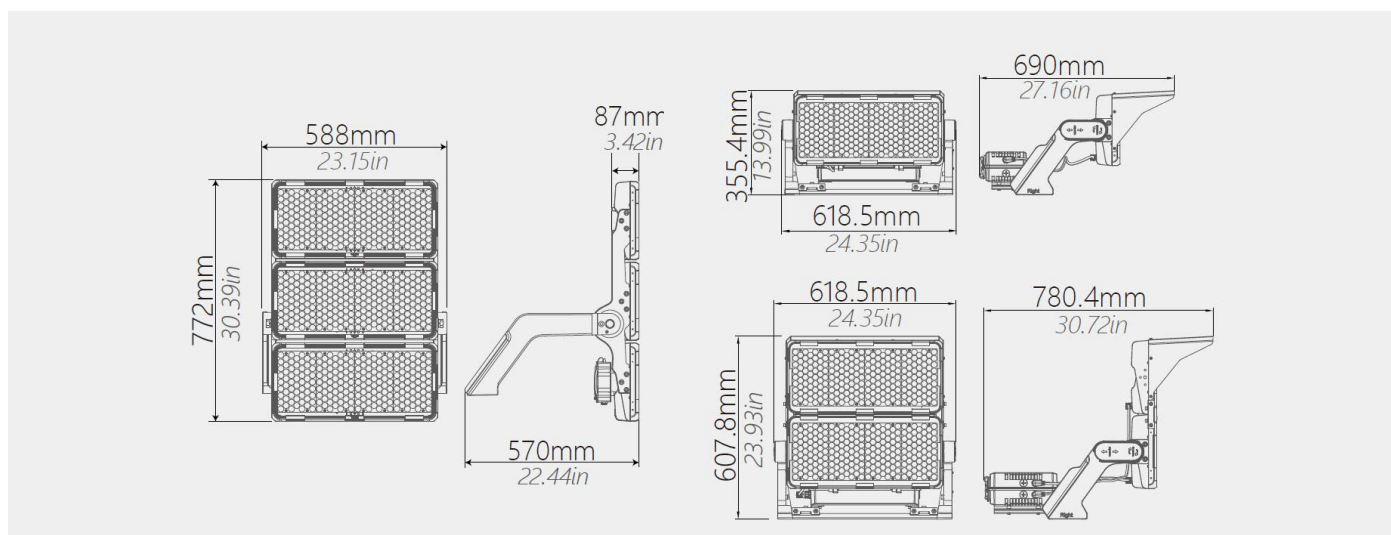


The Hera series is a professional LED floodlighting solution designed for sports venues, stadiums, and large outdoor areas. Combining high-performance LED technology with advanced optical systems, the luminaire delivers precise light distribution, excellent uniformity, and outstanding energy efficiency. Its robust die-cast aluminum construction, IP66 protection rating, and superior thermal management ensure reliable operation even in demanding environmental conditions. The Hera series offers multiple wattage options, intelligent control compatibility (DMX, DALI, 0-10V), and a wide range of beam angles to meet the requirements of various sports and area-lighting applications.

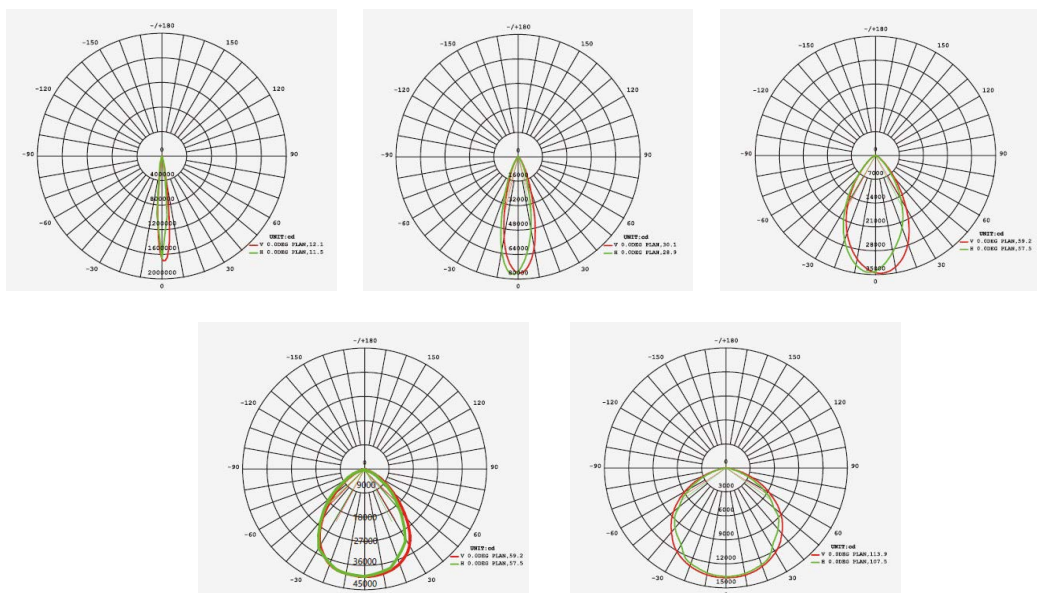
The Hera luminaire features an innovative lens-and-glass optical system that provides accurate beam control while protecting the LEDs from dust, moisture, and harsh environmental conditions. Available in multiple power configurations up to 1600W, it offers high luminous output, long service life, and flexible installation options. Advanced features such as wireless control integration, and customizable optics make the Hera an ideal choice for stadiums, sports fields, arenas, and other high-mast lighting applications where performance, durability, and maintenance efficiency are critical.

Model No	HERA-S	HERA-M1	HERA-M2	HERA-M2	HERA-L1	HERA-L2
Power Consumption (±5)	300W / 400W / 500W (Wattage selectable optional)*	400W / 500W / 600W	800W / 1000W / 1200W	1500W	600W / 700W / 800W	1400W / 1500W / 1600W
Input Voltage	AC200-480V	AC100-277V / AC200-480V / AC277-480V				
Control	DIM0-10V / DMX / DALI	DIM0-10V / DMX512 / DALI				
Luminous Flux (±10%)	51,000lm-85,000lm	52,000lm-84,000lm	104,000lm-168,000lm	195,000lm-210,000lm	84,000lm-104,000lm	196,000lm-280,000lm
Efficacy (5700K RA70)	Up to 170lm/W	Up to 140lm/W				
CCT & CRI	3000K/ 4000K/ 5000K/ 5700K/ 6500K Ra70	3000K/ 4000K/ 5000K/ 5700K Ra70,Ra80/Ra90 optional				
Protection Rating	IK08, IP66					
Operating Temperature	-40°C~+50°C					
Warranty	5 Years	5 Years. 7 Years optional				
Product Dimension	595x316x263mm	619x355x690mm	619x608x780mm	588x772x570mm	552x326x298mm	614x519x488mm
Luminaire Net Weight	12.5kg	14.5kg without driver Driver box: 6kg	21.5kg without driver Driver box: 6kg, 9.5kg	30kg without driver Driver box: 6kg, 12.4kg	12kg without driver Driver box: 6kg	24kg without driver Driver box: 10kg

Dimensions Drawing



Photometric Diagrams





VESTA Series

Engineered for High-Performance Illumination



VESTA Floodlight is available from 50W to 600W, an ideal economic choice for sports field, stadium, arena lighting, etc. It is small and easy to install, suitable for both industrial lighting and even architectural lighting.

Cutting-edge Unibody Design

VESTA floodlight is available in 8 wattage options to support a wide range of indoor and outdoor sporting event lighting applications.

Die-cast structure one-piece molding design, stylish appearance, fast heat dissipation, applicable to a variety of harsh environments to ensure 5-year warranty. VESTA floodlight features a glass and lens combination for double protection, with anti-impact IK08 rating and high weather resistance. The glass shields the PC lens from UV rays, ensuring long-lasting high brightness illumination.



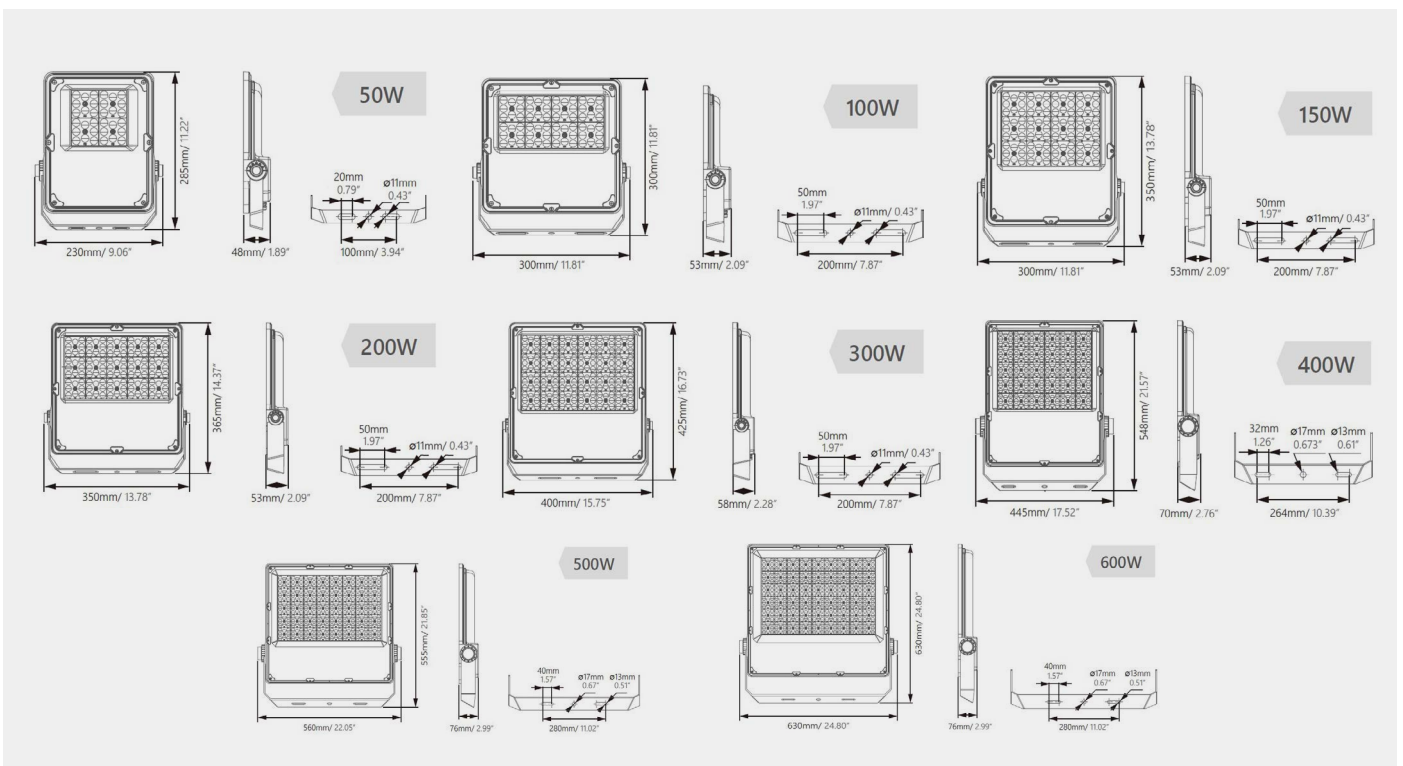
RoHS

IK 08

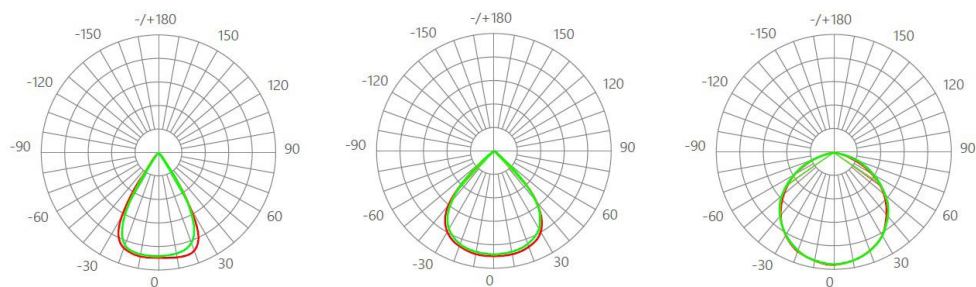
IP66

Model No	VESTA-50W	VESTA-100W	VESTA-150W	VESTA-200W	VESTA-300W	VESTA-400W	VESTA-500W	VESTA-600W
Power Consumption (±5)	50W	100W	150W	200W	300W	400W	500W	600W
Input Voltage	AC200-240V							
Control	DIM0-10V / DALI							
Luminous Flux (±10%)	8,000lm	16,000lm	24,000lm	32,000lm	48,000lm	64,000lm	80,000lm	96,000lm
Efficacy (5700K Ra70)	Up to 160lm/W							
CCT & CRI	3000K/ 4000K/ 5000K/ 5700K/ 6500K Ra70							
Protection Rating	IK08, IP66							
Operating Temperature	-40°C~+50°C							
Warranty	5 Years							
Product Dimension	297x235x53mm	317x305x58mm	367x305x58mm	377x361x58mm	437x411x63mm	600x465x130mm	605x580x130mm	675x645x130mm
Luminaire Net Weight	1,5kg	2,26kg	3,7kg	5,42kg	8,18kg	10,9kg	12kg	13,2kg

Dimensions Drawing



Photometric Diagrams





VULCAN Series

High-Performance LED Floodlights for High-Mast Lighting Applications



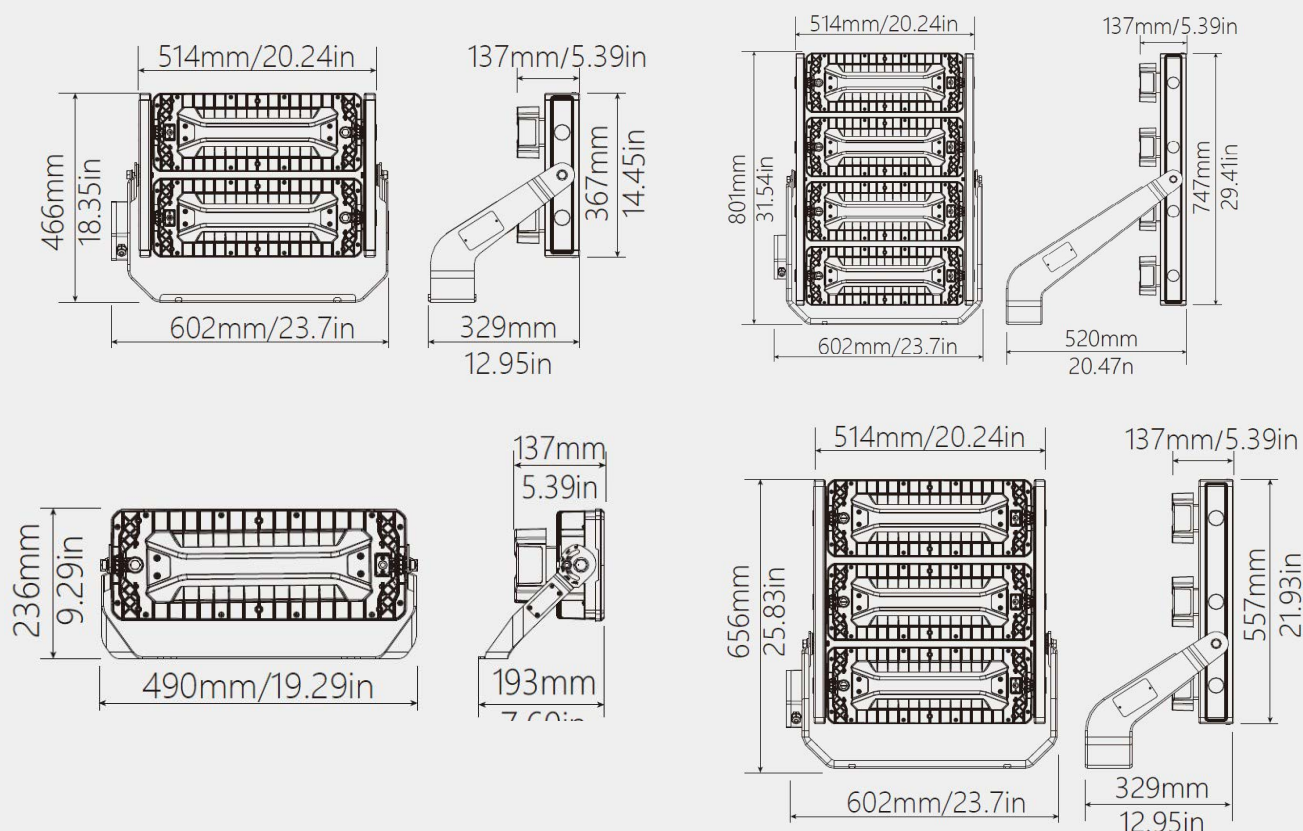
The VULCAN Modular Flood & Sports Light series is engineered as a high-performance, scalable lighting solution ranging from 300W to 1200W. Delivering luminous efficacy up to 150 lm/W and lumen output reaching 180,000 lm, the system is designed for stadiums, ports, large squares, industrial sites, and other expansive outdoor applications. Its modular architecture allows each lighting unit to operate independently, ensuring that failure of one module does not affect overall system performance, thereby reducing maintenance costs and enhancing operational reliability. A wide selection of precision optics — including narrow, medium, wide, asymmetric, and Type III distributions — enables accurate beam control for professional sports and large-area illumination projects.

Robust construction is achieved through a high thermal conductivity die-cast aluminum housing combined with high-transmittance polycarbonate lenses protected by toughened glass. The luminaire is rated IP66 for dust and water resistance and IK08 for mechanical impact protection, ensuring durability in demanding outdoor environments. Flexible aiming of $\pm 30^\circ$ per module allows precise light adjustment to meet project-specific requirements. Electrical performance is supported across AC100–277V and AC277–480V ranges, with 0–10V dimming and DMX512 control options available for intelligent lighting management. With surge protection up to 20kV, a lifetime of 100,000 hours (L70B50 @25°C), and certifications including UL, DLC, CE, and RoHS, the XXX series provides a reliable and future-ready solution for professional sports and infrastructure lighting applications.



Model No	VULCAN-300WA-V-CD	VULCAN-600WA-V-CD	VULCAN-900WA-V-CD	VULCAN-1200WA-V-CD
Power Consumption (±5)	300W	600W	900W	1200W
Input Voltage	AC100-277V / AC 277-480V, 50/60Hz			
Control	0-10V Diming / DMX512			
"Luminous Flux (±10%) (@5700K)"	45,000 lm	90,000 lm	135,000 lm	180,000 lm
Efficiency	150lm/W			
SDCM	<5			
Quality Performance	PF 0.95, THD<15%, Flicker <1%			
CCT & CRI	3000K / 4000K / 5000K / 5700K / 6500K , 70 / 80 / 90 / TLCI>90 Optional			
Protection Rating	IP6 , IK08			
SPD	10KV / 20KV			
Optics	10°/15°/ 20°/30°/40°/60°/90°/120 / 50 60°/20 30°/WB-P60°/130 30°/ T3-VS			
Operating Temperature	-40°C to +50°C			
Housing Material	Die-casting High Thermal Conductivity Aluminum, Glass + Polycarbonate, Powder Coated			
LED / Driver Brand	Lumile s / SOSEN			
Protection Class	Class I			
Lifespan	100,000H L70B50 @25°C			
Warranty	5 Years (7 Years Optional)			
Product Dimensions	490*193*236mm	602*329*466mm	602*329*656mm	602*520*801mm
Net Product Weight	6.3±0.5kg	15.4±0.5kg	23±0.5kg	29.6±0.5kg

Dimensions Drawing





APOLLO Series

Designed for Demanding Sports and Industrial Applications



The APOLLO LED Stadium and Sports Light is designed to deliver high-performance illumination for professional sports venues and large outdoor applications. With power options ranging from 300W to 1300W and luminous efficacy up to 160 lm/W, the luminaire provides powerful and uniform lighting suitable for stadiums, arenas, bridges, large buildings, and public squares. Advanced optical systems with multiple beam angles ensure precise light distribution, while anti-glare accessories and visor options help control light spill and improve visual comfort for athletes and spectators. The luminaire also supports a wide range of color temperatures, including RGB and RGBW options, enabling both functional lighting and entertainment lighting effects.

The luminaire is engineered with a robust die-cast aluminum housing and efficient heat dissipation design that ensures reliable operation and long service life. With an IP66 protection rating and operating temperatures from -40°C to $+50^{\circ}\text{C}$, the APOLLO is suitable for demanding outdoor environments. Intelligent control compatibility allows integration with 0–10V dimming, PWM, DALI, DMX, and Synapse systems for advanced lighting management. Additional design features such as snap-on installation, plug-and-play wiring, and precise aiming adjustment markings facilitate installation and maintenance while reducing labor requirements for high-mast applications.



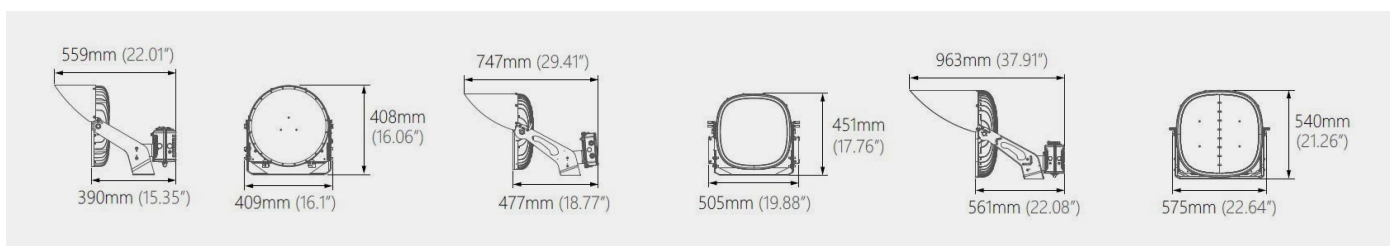
RoHS

IK 08

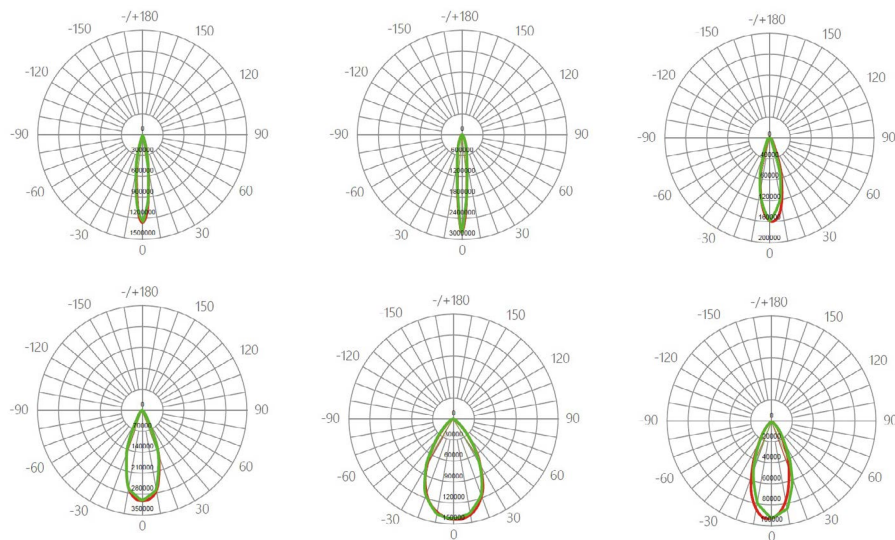
IP66

Model No	APOLLO- 300W	APOLLO- 400W	APOLLO- 500W	APOLLO- 600W	APOLLO- 680W	APOLLO- 800W	APOLLO- 1000W	APOLLO- 1200W	APOLLO- 1300W
Nominal Power	300W	400W	500W	600W	680W	800W	1000W	1200W	1300W
Input Voltage	AC 200-480V								
Control Options	0-10V dimming, PWM, Dali, DMX, Synapse								
Luminous Flux	45,000Lm	60,000Lm	75,000Lm	87,000Lm	98,600Lm	116,000Lm	145,000Lm	174,000Lm	188,500Lm
	48,000Lm	64,000Lm	80,000Lm	96,000Lm	108,800Lm	128,000Lm	150,000Lm	180,000Lm	195,000Lm"
Luminous Efficacy	145Lm/W, 150Lm/W, and 160Lm/W optional								
Quality Performance	PF 0.95, THD<15%								
CCT & CRI	4000K/5000K/5700K/6500K/RGB/RGBW, Ra70 / Ra80 / Ra90								
Protection Rating	IK08, IP66								
Surge Protection	10kV								
Beam Angles	11° / 15° / 20° / 30° / 40° / 45° / 60°								
Operating Temperature	40°C to +50°C								
Housing Material	ADC12 aluminum alloy material and flat heat sink, Polycarbonate lens								
Lifetime	10 ,000 h (L70B50 @25°C)								
Warranty	5 years								

Dimensions Drawing



Photometric Diagrams



Mounting Options-Accessories



ANTI GLARE
LOUVER



OPTIONAL
VISOR



Tunnel lights



TFL Series

High-Performance LED Lighting for Tunnel Applications

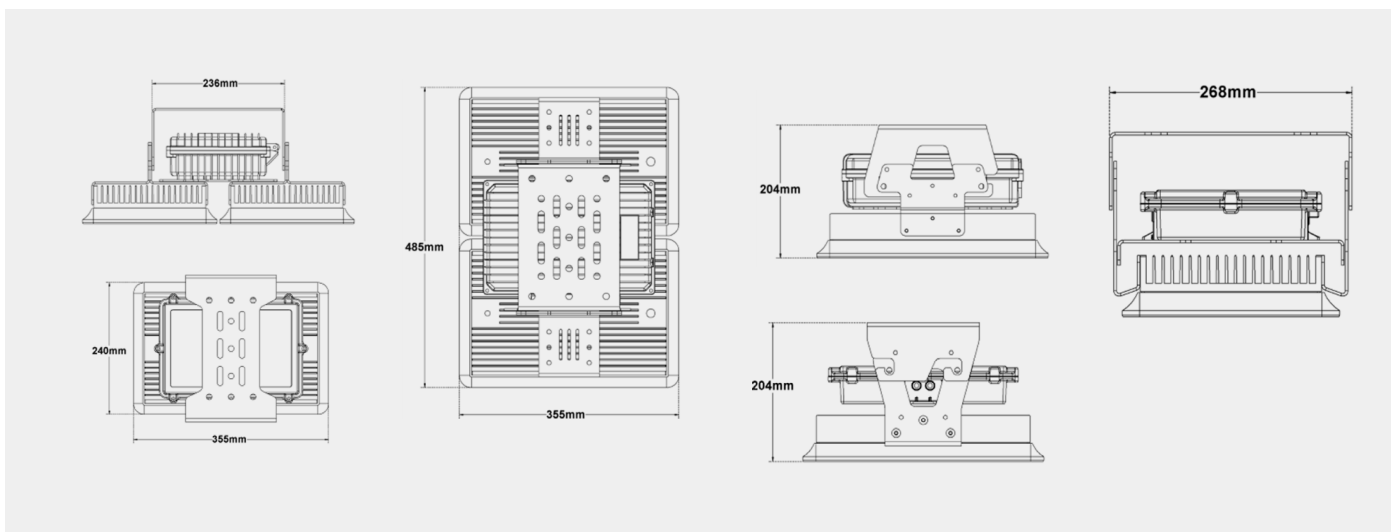


The TFL LED tunnel luminaire is engineered to provide reliable, high-efficiency lighting for tunnel infrastructure and demanding industrial environments. Its robust architectural design is based on a durable aluminum housing manufactured from EN AW 6060 alloy with stainless steel components, ensuring excellent mechanical strength and long-term corrosion resistance. The luminaire integrates high-power LED light sources combined with premium drivers from Philips, Tridonic, or Inventronics, delivering luminous efficacy of up to 170 lm/W and stable illumination performance. A micro-prismatic PMMA diffuser with high optical transmittance, protected by 5 mm tempered glass, provides uniform light distribution and visual comfort, making the luminaire suitable for tunnels, underpasses, and large indoor infrastructure spaces.

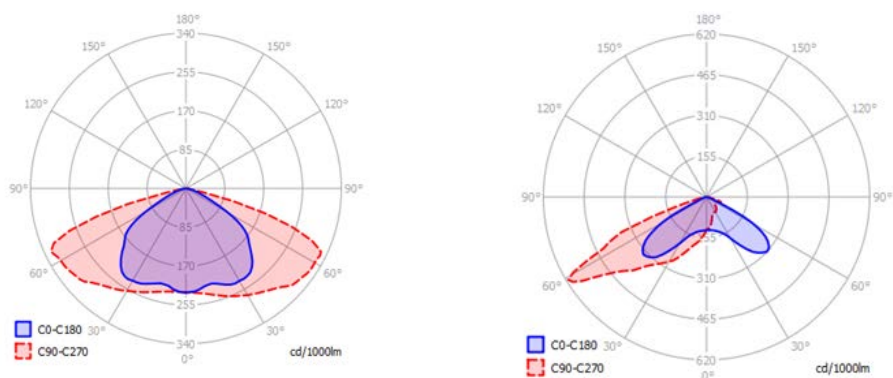
The luminaire is designed with an integrated aluminum heatsink that enables efficient heat dissipation through natural convection, ensuring long operating life and stable LED performance. With IP66 ingress protection and IK09 mechanical resistance, the TFL luminaire is suitable for harsh environmental conditions. Electrical reliability is supported by surge protection up to 10 kV, DALI control interface with optional 1–10 V dimming, and a lifetime exceeding 100,000 hours (L90). The compact yet robust construction ensures easy installation while maintaining high durability, making the TFL series an efficient and dependable lighting solution for tunnel and infrastructure applications.

Model No	TFL Single	TFL Double
Power Consumption (±5)	1.50-180 W	100-320 W
Input Voltage	230Vac / 50Hz	
Control Options	1-10V / DALI / NEMA or ZHAGA ready	
Luminous Flux	8.500-26.000LM	30.500-48.000LM
Luminous Efficacy	Up to 170 lm/W	
LED Source	High Power LED Nichia	
Driver	Philips / Inventronics / Tridonic	
CCT & CR	3000K / 4000K, Ra >70 (Ra > 80 optional)	
Power Factor	>0.90	
Surge Protection Device	10kV	
Protection Rating	IP66, IK09	
Operating Temperature	Ta +50°C	
Lifetime	L90 > 100,000 h	
Housing Material	Aluminum EN AW 6060 / Stainless steel / Micro-prismatic PMMA /5 mm tempered glass	
Protection Class	Class I	
Dimensions	355x268x204 mm	485x355x204 mm
Weight	10 kg	16 kg

Dimensions Drawing



Photometric Diagrams





TGL Series

Precision Lighting for Tunnel Safety and Comfort



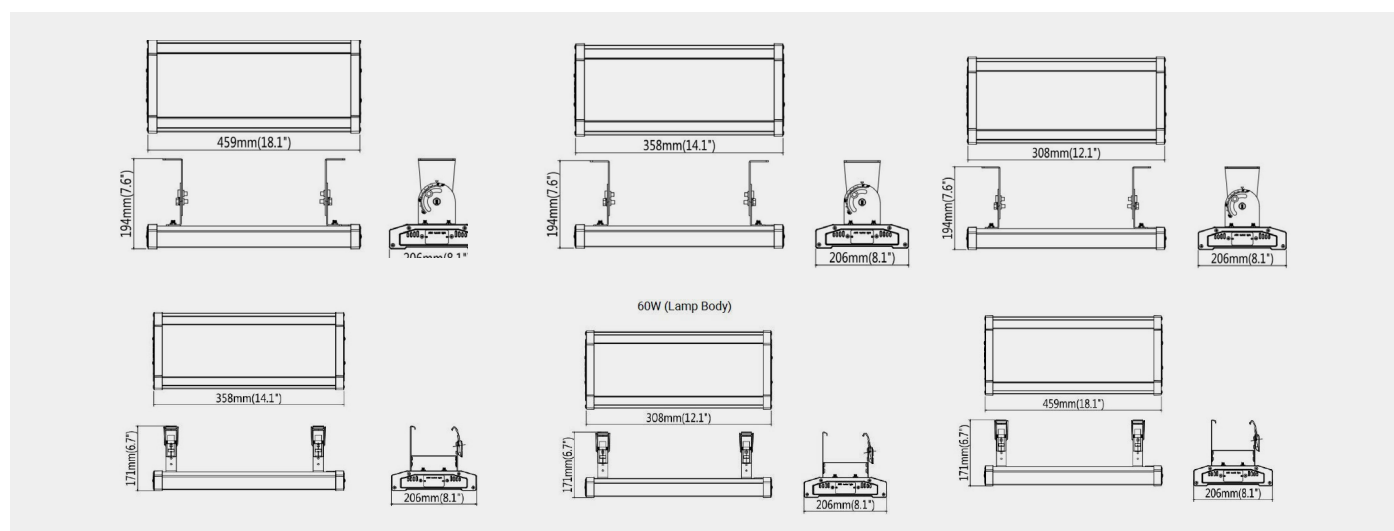
TGL offers an elegant solution for tunnel lighting, featuring a separate driver box design that enhances protection and facilitates easier maintenance. The use of highly reliable, environmentally friendly materials ensures excellent corrosion resistance and long-term durability.

TGL tunnel lighting fixtures offer excellent corrosion resistance and have successfully passed the 1000-hour salt spray test, ensuring durability in demanding environments. The full power range includes 60W, 90W, 120W, and 150W options, delivering high efficiency of up to 150 lm/W.

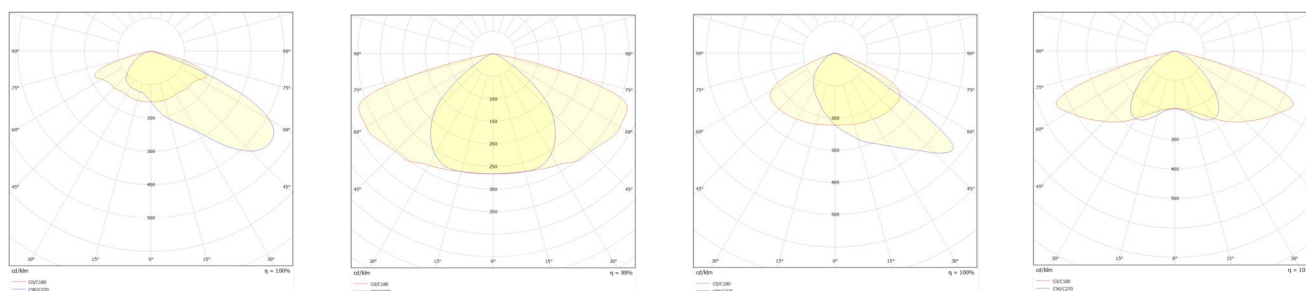
The luminaires are rated IP66 and Class II, with DALI dimming capability for advanced lighting control. Strengthened glass is used to ensure high IK protection while also allowing easy cleaning and maintenance. The design provides excellent heat dissipation, contributing to long-term reliability. An asymmetric optic distribution ensures optimal light distribution, while adjustable ceiling mount and hook mount options make the fixture suitable for different types of tunnels.

Model No	TGL-060	TGL-090	TGL-120	TGL-150
Power Consumption (±5)	60W	90W	120W	150W
Input Voltage	AC200-240V			
Control	DIM0-10V / DALI / TIMER DIMMING			
Luminous Flux (±10%)	9,000lm	13,500lm	18,000lm	22,500lm
Efficacy (5700K RA70)	Up to 150lm/W			
CCT & CRI	3000K/ 4000K/ 5000K - Ra70, Ra80 optional"			
Protection Rating	IK09, IP66			
Operating Temperature	-30°C~+50°C			
Warranty	5 Years			
Product Dimension	308x206x194mm	358x206x194mm	459x206x194mm	510x206x194mm
Luminaire Net Weight	1,6kg	1,9kg	2,5kg	3kg

Dimensions Drawing



Photometric Diagrams



Mounting Options-Accessories



Ceiling Mount



Hook Mount



TLL Series

Robust Lighting Solutions for Tunnel Environments



Professional Tunnel Lighting for Safer Traffic

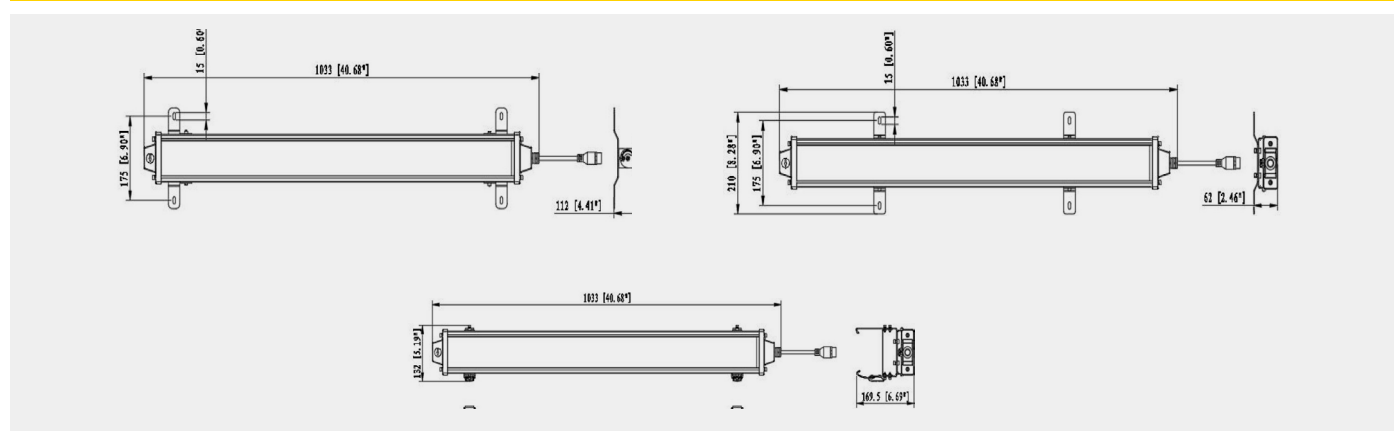
TLL is designed for 24/7 operation in semi-outdoor environments, where harsh conditions, such as vehicle exhaust, are an ongoing challenge. Tempered glass + PC lens design effectively prevents the dust in the tunnel from accumulating on the surface of the lens enhancing LED chip performance and extending product lifespan.

Tailored to Fit Your Project's Unique Needs

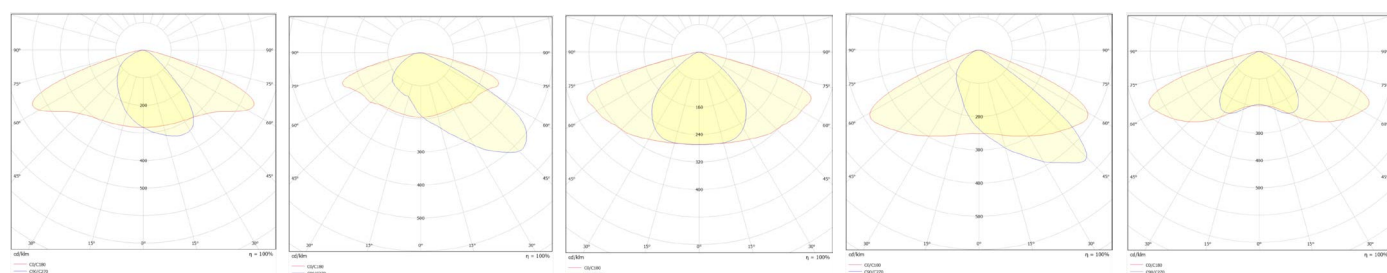
Depending on the requirements of your tunnel projects, we can design tailored lighting solutions to meet your needs. With TLL, drivers can navigate through even the darkest tunnels and let the light shine through the mountains and cross over the hills to their destination. It can be connected easily and quickly, thanks to its modular and lightweight design. And the max input current for such system cabling is 8A. Up to 4 sets of TLL can be spliced to reach 600W.

Model No	TLL-150
Power Consumption (± 5)	150W
Input Voltage	120-240 VAC / 120-277 VAC
Control	DIM0-10V / DALI
Luminous Flux ($\pm 10\%$)	22,500lm
Efficacy (5700K RA70)	Up to 150lm/W
CCT & CRI	"3000K/ 4000K/ 5000K - Ra70, Ra80 optional"
Protection Rating	IK08, IP66
Operating Temperature	-30°C~+50°C
Warranty	5 Years
Product Dimension	1033x210x62mm
Luminaire Net Weight	3,1kg

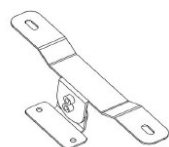
Dimensions Drawing



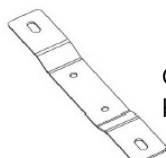
Photometric Diagrams



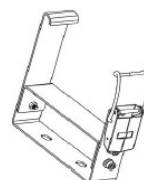
Mounting Options-Accessories



Ceiling Mounted
bracket
(adjustable)



Ceiling Mounted
bracket



Hook Mounted
Bracket

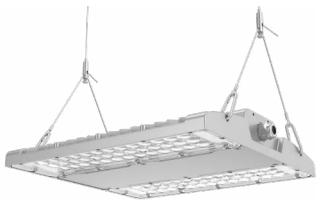


High-Bay Lights



EATHER Series

Advanced LED High Bays for Industrial Efficiency

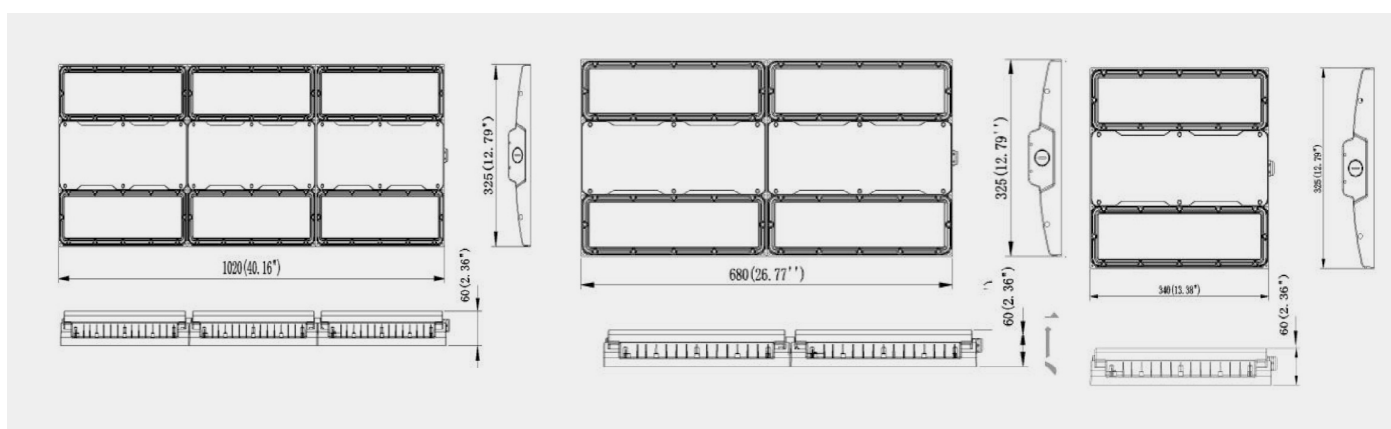


EATHER LED Linear High Bay is engineered to deliver high-performance industrial illumination with system efficacy up to 185 lm/W (5000K Ra70). Power options from 100W to 480W provide flexible solutions for warehouses, factories, exhibition centers, stadiums, and industrial facilities. High luminous flux output of up to 88,800 lm ensures powerful and uniform light distribution. A specialized asymmetrical 25°×85° optic is available for aisle and workshop applications, while multiple beam angles support diverse lighting layouts. Advanced smart control options — including PIR sensor, microwave motion sensor, photocell, ZigBee, and DALI — enable intelligent energy management and customized operation.

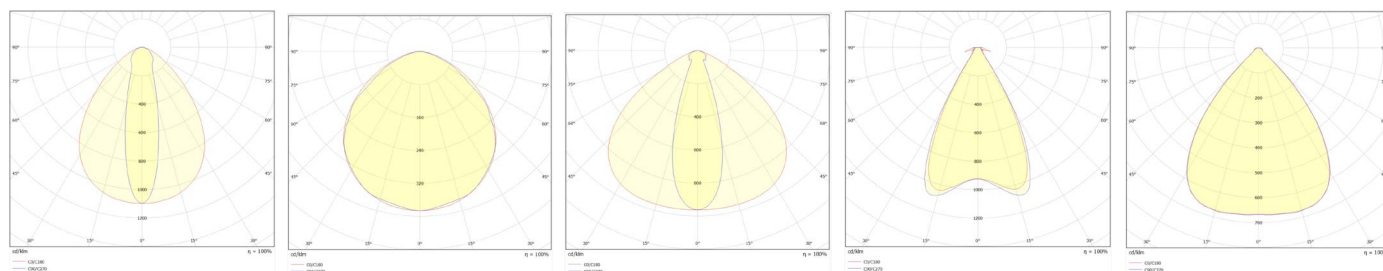
Reliable performance is ensured through an IP66-rated sealed construction and IK10 impact resistance. The luminaire operates within an ambient temperature range of -30°C to +50°C and achieves a lifetime of up to 130,500 hours (L70 @ Ta=25°C). A constant current driver with ≥ 0.95 power factor and 6kV/10kV surge protection is integrated for stable operation on 120–277Vac, 50/60Hz networks. The aluminum alloy housing with polycarbonate optical lens enhances durability while optimizing heat dissipation. Flexible installation is supported through suspension and ceiling mounting options, including a $\pm 60^\circ$ rotatable bracket, and field-adjustable output options are available to meet project-specific requirements.

Model No	EATHER-100/H	EATHER-150/H	EATHER-200/H	EATHER-240/H	EATHER-300/H	EATHER-400/H	EATHER-480/H
Power Consumption (±5)	100W	150W	200W	240W	300W	400W	480W
Input Voltage	20-277VAC, 50/60Hz						
Control	Smart control all in one, including PIR, Microwave motion sensor, NEMA, Zigbee, DALI, Emergency						
Luminous Flux (±10%)	18.500lm	27.750lm	37.000lm	44.400lm	55.500lm	74.000lm	88.800lm
Efficacy	185 lm/W						
CCT & CRI	5000K (3000K, 4000K optional) / Ra70 (Ra80 optional)						
Protection Rating	IK10, IP66						
Operating Temperature	-30°C to +50°C (120-200Vac@Ta=45)						
Warranty	5 years						
Luminaire Net Weight	3.5±0.3kg	3.7±0.3kg	6.7±0.3kg	6.8±0.3kg	7.8±0.3kg	10.7±0.3kg	11.1±0.3kg
Product Dimension	340x325x60mm		680x 325x60mm			1020x325x60mm	

Dimensions Drawing



Photometric Diagrams



Mounting Options-Accessories



Suspended mounting bracket



Suspension chain



60Degree rotatable bracket



PIR Sensor



SELAS Series

Professional Lighting for Warehouses and Production Areas



Most Budget-friendly Highbay

As one of the most budget-friendly solutions on the market, SELAS Highbay is equipped with high-performance Lumileds 2835 LEDs and a reliable Moso driver, delivering superior efficiency with up to 160 lm/W.

Efficient Heat Dissipation

The heat sink consists of die-cast aluminum profiles that ensure fast heat transfer and excellent heat dissipation performance, delivering excellent efficiency up to 160 lm/W. The rapid heat transfer effectively increases the service life of the luminaire.



IP65

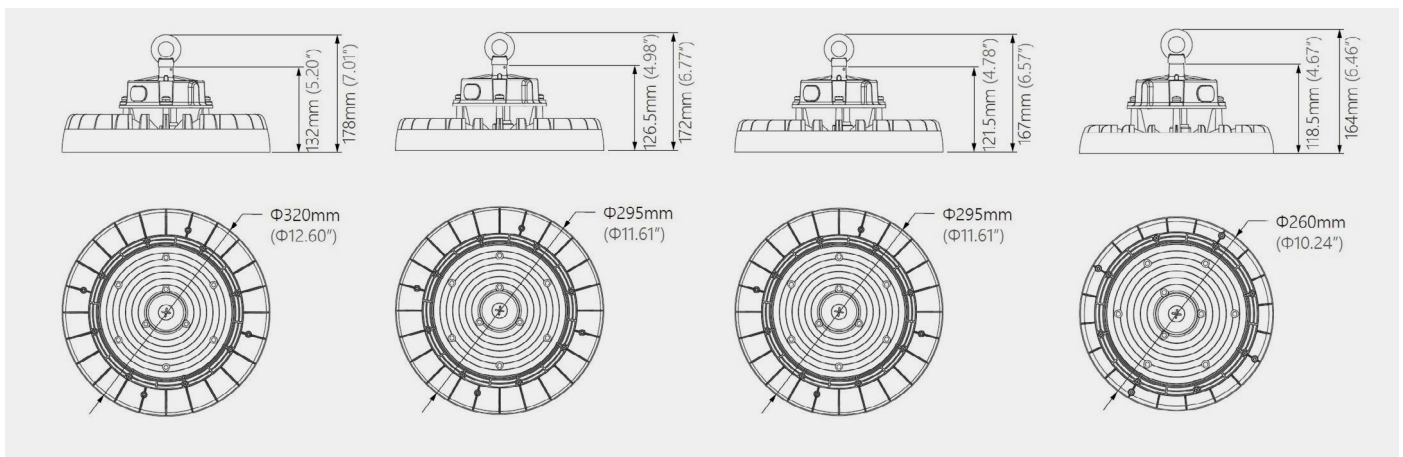
IK 08

RoHS

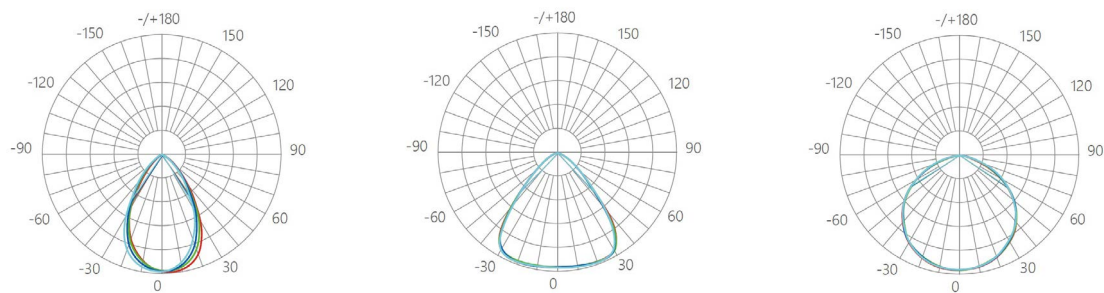
*Under Certification

Model No	SELAS-100W	SELAS-150W	SELAS-200W	SELAS-240W	SELAS-300W
Power Consumption (±5)	100W (60W-80W-100W Wattage selectable optional)	150W (80W-120W-150W Wattage selectable optional)	200W (120W-150W-200W Wattage selectable optional)	240W (150W-200W-240W Wattage selectable optional)	300W (200W-240W-300W Wattage selectable optional)
Input Voltage	AC100-277V / AC120-347V / AC220-480V				
Control	DIM0-10V / PWM				
Luminous Flux (±10%)	16,000lm	24,000lm	32,000lm	38,400lm	48,000lm
	9,600lm - 16,000lm	12,800lm - 24,000lm	18,000lm - 32,000lm	22,500lm-38,400lm	32,000lm-48,000lm
Efficacy	160lm/W				
CCT & CRI	2700K/3000K/ 4000K/ 5000K/ 5700K/6500K				
	3000K-4000K-5000K, 4000K-5000K-5700K				
	CCT selectable optional - Ra70, Ra80 optional				
Protection Rating	IK08, IP65				
Operating Temperature	-30°C~+50°C				

Dimensions Drawing



Photometric Diagrams



Mounting Options-Accessories



+- adjustable bracket
fixed on driver



Hook



Microwave motion sensor



Sling Chain



HERMES Series

Durable LED High Bays for Harsh Industrial Environments



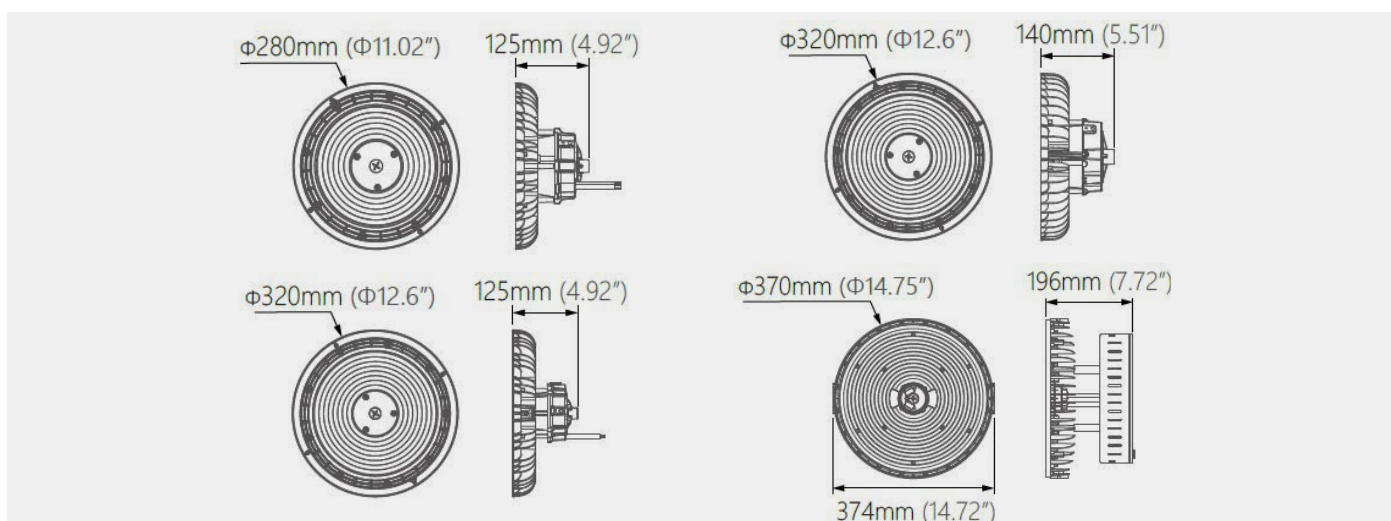
The HERMES Highbay offers a versatile lighting solution through its power-adjustable design, making it suitable for a wide range of applications. With a power range of 60–500W, businesses and facilities can select the appropriate output level to meet their specific operational requirements. Additionally, the CCT selectable feature allows users to adjust the color temperature of the light, enabling customization of the lighting environment according to user preferences or particular application needs.



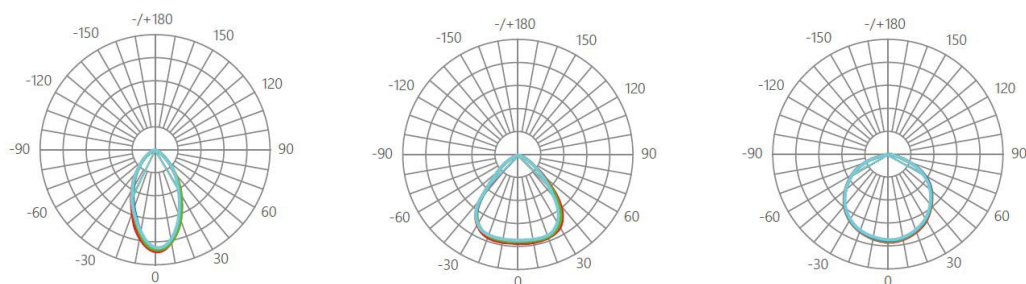
The HERMES Highbay is equipped with an expansion port that allows for the easy installation of standard or Lightcloud Blue-enabled PIR and microwave sensors. These sensors can be configured to adjust brightness levels and hold times, enabling enhanced energy efficiency and reduced operational costs. Additionally, a remote control option is available, providing users with an extra level of convenience and control over the lighting system.

Model No	HERMES-100W	HERMES-150W	HERMES-200W	HERMES-240W	HERMES-300W
Power Consumption (±5)	100W (60W-80W-100W)	150W (80W-120W-150W)	200W (120W-150W-200W)	240W (150W-200W-240W)	300W (200W-240W-300W)
	Wattage selectable optional)				
Input Voltage	AC100-277V / AC120-240V / AC120-347V / AC277-480V				AC120-277V, AC120-240V AC120-347V, AC277-480V
Control	DIM0-10V / PWM				
Luminous Flux (±10%)	16,000lm 9,600lm -16,000lm	24,000lm 12,800lm - 24,000lm	32,000lm 19,200lm - 32,000lm	38,400lm 24,000lm-38,400lm	32,000lm-48,000lm 32,000lm-48,000lm
Efficacy	160lm/W				
CCT & CRI	3000K/ 4000K/ 5000K/ 5700K 3000K-4000K-5000K, 4000K-5000K-5700K CCT selectable optional Ra70 Ra80 optional				
Protection Rating	IK08, IP65				
Operating Temperature	-30°C~+50°C				
Warranty	5 Years				
Product Dimension	280x125mm			320x125mm	320x140mm
Luminaire Net Weight	1,9kg			2,5kg	2,8kg

Dimensions Drawing



Photometric Diagrams



Mounting Options-Accessories





URANUS Series

Optimized Linear Design for Warehouses and Logistics



URANUS Glare-Free Linear High Bay is designed to deliver high-performance industrial lighting with enhanced visual comfort. System efficacy reaches up to 140 lm/W (4000K Ra80), while power options from 50W to 200W provide flexibility for warehouses, supermarkets, parking garages, and other open indoor environments. A tailored optical system with private cup-shaped reflectors ensures low glare performance with $UGR < 20$ across most wattages and beam angles. Multiple light distributions, including narrow and wide beam options, are available to meet diverse layout requirements. Intelligent control solutions such as 1–10V dimming, PIR sensor, and microwave sensor are supported for optimized energy efficiency.

Reliable operation is ensured through an IP66-rated waterproof design and IK08 impact resistance, reinforced by 4mm thick tempered glass approved for indoor sports court applications. The luminaire operates within an ambient temperature range of -30°C to $+50^{\circ}\text{C}$ (0°C to $+50^{\circ}\text{C}$ with sensor). Luminous flux output reaches up to 28,000 lm depending on model, and stable performance is supported across 100–240VAC or 220–240VAC, 50/60Hz networks. Flexible installation is enabled through suspension mounting, ceiling mounting, and adjustable angle mounting options, allowing adaptation to various project requirements. A 5-year warranty is provided to ensure long-term reliability.



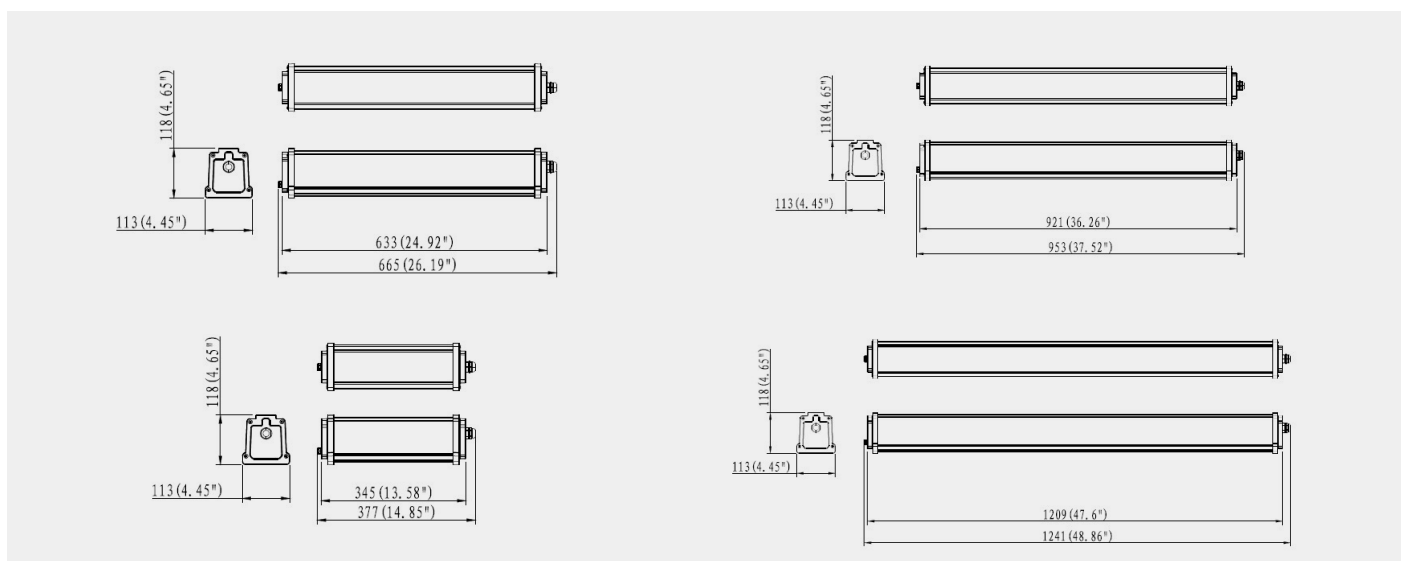
IP66

IK 08

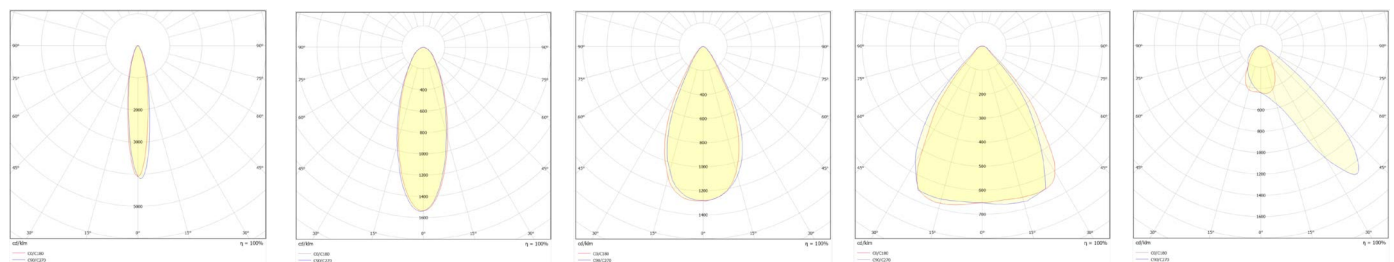
RoHS

Model No	URANUS-050	URANUS-100	URANUS-150	URANUS-200
Power Consumption (±5)	50W	100W	150W	200W
Input Voltage	100-240 VAC / 220-240VAC, 50/60Hz			
Control	Dimmable and Non-dimmable, Microwave sensor, PIR sensor			
Luminous Flux (±10%)	7.000lm	14.000lm	21.000lm	28.000lm
Efficacy (5000K RA70)	140 lm/W			
CCT & CRI	4000K (3000K, 5000K optional), Ra80			
Protection Rating	IK08, IP66			
Operating Temperature	-30°C to + 50°C, with sensor: 0°C to + 50°C			
Warranty	5 years			
Luminaire Net Weight	2±0.3kg	3.5±0.3kg	5±0.3kg	6.4±0.3kg
Product Dimension	377x113x118mm	665x113x118mm	953x113x118mm	1241x113x118mm

Dimensions Drawing



Photometric Diagrams



Mounting Options-Accessories



Adjustable angle mountin



Ceiling Mounting



Suspension Mounting



EOS Series

Compact Power for Industrial Illumination

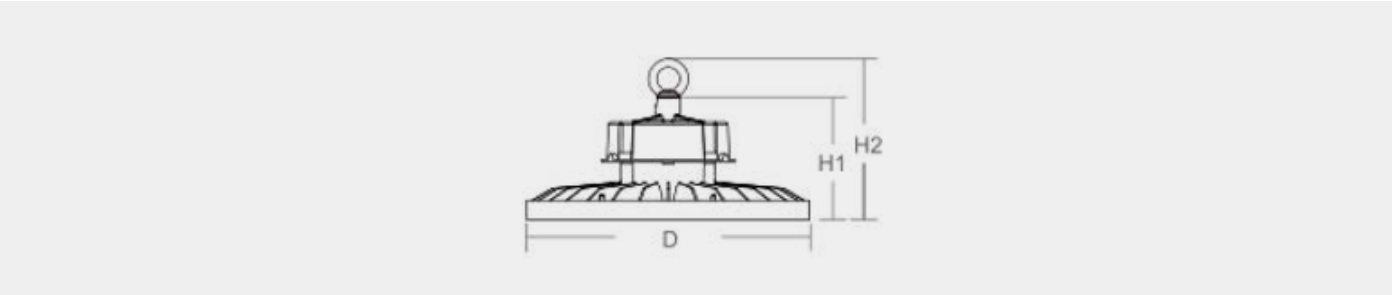


EOS Highbay series delivers versatile industrial lighting solutions from 80W to 240W, achieving luminous efficacy up to 185 lm/W. High lumen output of up to 44,400 lm ensures powerful and uniform illumination for warehouses, industrial facilities, and commercial spaces. Power and CCT selectable versions (3000K / 4000K / 5000K) provide maximum flexibility and simplify project planning. Excellent visual comfort is achieved with UGR <19, making the luminaire suitable for environments where glare control is critical. Intelligent control compatibility is supported through NLC microwave and PIR sensors (up to 12m detection height), along with optional 0–10V dimming and AUX 12V functions for advanced lighting management.

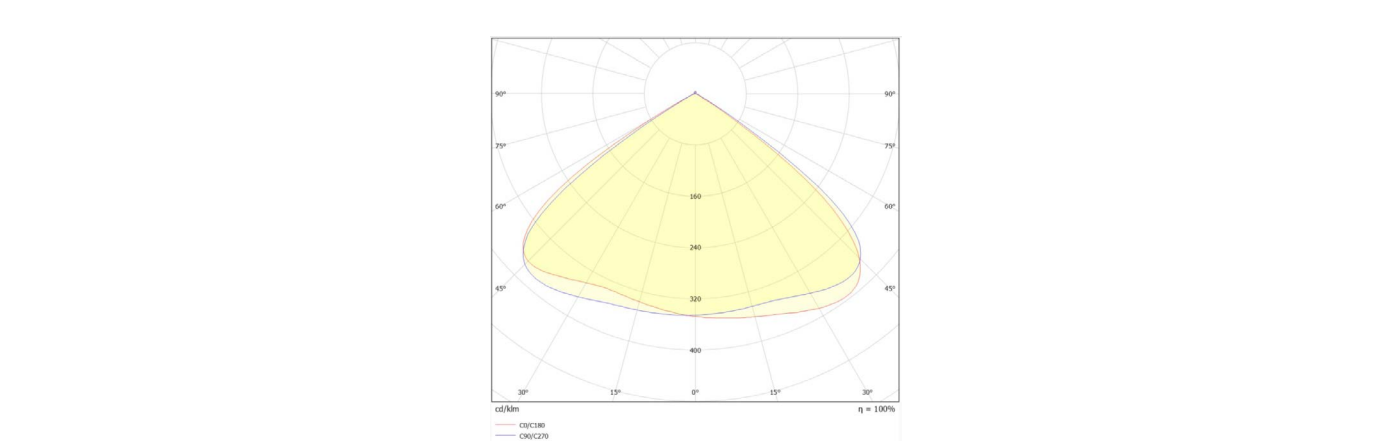
Robust and compact construction is provided through a circular housing design available in multiple dimensions from $\Phi 246\text{mm}$ to $\Phi 325\text{mm}$ depending on wattage. Optimized optical performance is delivered through 60°, 90°, and 110° beam angle options, while aluminum reflectors (S/M/L/XL versions) enhance light control across different power ranges. Flexible installation is enabled via hook mount, bracket mount, and ring mount configurations, and adjustable brackets allow precise aiming. Stable performance is supported under AC230V input, ensuring reliable operation in demanding industrial applications.

Model No	EOS-080	EOS-100	EOS-120	EOS-150	EOS-200	EOS-240
Power Consumption (±5)	80W	100W	120W	150W	200W	240W
Input Voltage	120-277V, 50/60Hz					
Control	Dimmable 1-10V / DALI 2 / PIR Sensor					
Luminous Flux (±10%)	13.200/14.800lm	16.500/18.500lm	19.800/22.200lm	24.750/27.750lm	33.000/37.000lm	39.600/44.400lm
Efficacy (5000K RA70)	165 lm/W / 185 lm/W					
CCT & CRI	3000K, 4000K, 5000K, Ra80					
Protection Rating	IP65, IK08					
Operating Temperature	-30°C to + 50°C					
Product Dimension	Ø246x155mm	Ø 246x155mm	Ø 266x160mm	Ø 266x160mm	Ø 298x169mm	Ø 325x169mm

Dimensions Drawing



Photometric Diagrams



Mounting Options-Accessories





Tri-proof lights



ELARIS ECO Series

Efficient Linear Lighting for Commercial and Industrial Spaces



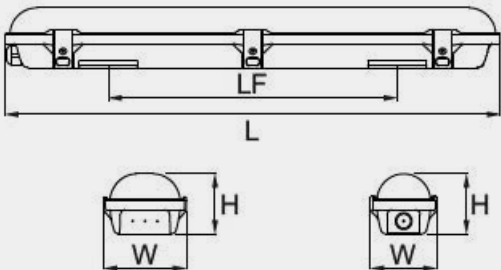
ELARIS ECO is constructed with a polycarbonate diffuser and base, complemented by a metal gear tray, ensuring durability and reliable performance. It is available with an EM (battery backup) option and PWM sensor functionality. Designed for straightforward installation, the fixture offers CCT-switchable and wattage-switchable options to accommodate varying lighting requirements. Additional functional features include a microwave (MW) sensor, with clips that can be securely fastened using screws.

ELARIS ECO is available in single and twin body configurations, supports ultra-wide surface mount spacing, and is compatible with DALI control for advanced lighting management.

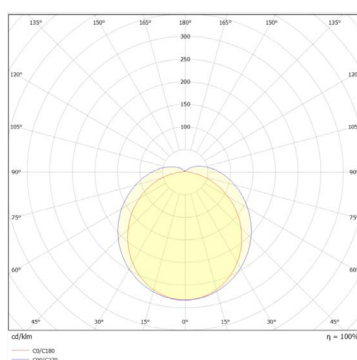
Model No	ELARIS ECO 600	ELARIS ECO 1200	ELARIS ECO 1500	ELARIS ECO 1800
Power Consumption (±5)	10W - 20W	20W - 40W	30W - 60W	40W - 80W
Input Voltage	220-240V~50/60Hz			
Control	ON-OFF / DIM1-10V / DALI			
Luminous Flux (±10%)	1,200lm - 2,400lm	2,400lm - 4,800lm	3,600lm - 7,200lm	4,800lm - 9,600lm
Efficacy (5000K RA70)	120lm/W standard / 140lm/W optional			
CCT & CRI	3000K - 4000K - 6500K CCT selectable Ra80 standard, Ra90 optional			
Protection Rating	IK10, IP66			
Operating Temperature	-30°C~+40°C			
Warranty	5 Years			
Product Dimension	ELARIS ECO 600 SINGLE: 600x80x72mm ELARIS ECO 600 DOUBLE: 600x100x72mm	ELARIS ECO 1200 SINGLE: 1200x80x72mm ELARIS ECO 1200 DOUBLE: 1200x100x72mm	ELARIS ECO 1500 SINGLE: 1500x80x72mm ELARIS ECO 1500 DOUBLE: 1500x100x72mm	ELARIS ECO 1800 SINGLE: 1800x80x72mm ELARIS ECO 1800 DOUBLE: 1800x100x72mm
Luminaire Net Weight	ELARIS ECO 600 SINGLE: 0.9kg ELARIS ECO 600 DOUBLE: 1kg	ELARIS ECO 1200 SINGLE: 1.7kg ELARIS ECO 1200 DOUBLE: 1.9kg	ELARIS ECO 1500 SINGLE: 1.8kg ELARIS ECO 1500 DOUBLE: 2.1kg	ELARIS ECO 1800 SINGLE: 2.1kg ELARIS ECO 1800 DOUBLE: 2.5kg

Dimensions Drawing

L(mm)	W(mm)	H(mm)
600	80	72
600	100	72
1200	80	72
1200	100	72
1500	80	72
1500	100	72
1800	80	72
1800	100	72



Photometric Diagrams



Mounting Options-Accessories



10mm Screw



30mm Screw



Anchor



PG Gland



Stainless Steel



ELARIS Series

High-Efficiency Lighting for Utility and Service Areas



ELARIS is designed for indoor spaces, industrial premises, agricultural buildings, warehouses as well as sports facilities, transport hubs, car parks and garages, workshops and laboratories with no explosion hazard. Thanks to the MultiLumen function, the luminaire can be adjusted for changing lighting requirements without much effort.

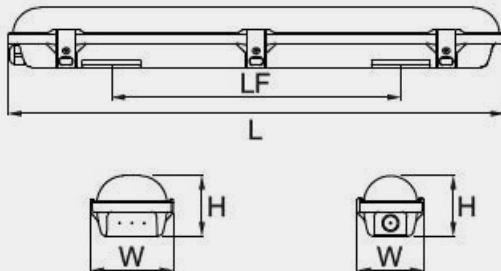
Made of clear polycarbonate, the base and the diffuser boast high impact and deformation resistance.

ELARIS is available in single and twin body configurations, supports ultra-wide surface mount spacing, and is compatible with DALI control for advanced lighting management.

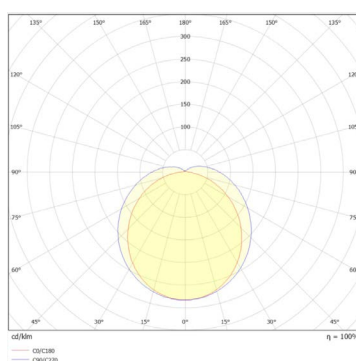
Model No	ELARIS 600	ELARIS 1200	ELARIS 1500
Power Consumption (±5)	10W - 20W	20W - 50W	25W - 65W
Input Voltage	220-240V~50/60Hz		
Control	ON-OFF / DIM1-10V / DALI		
Luminous Flux (±10%)	1,500lm - 2,600lm	3,000lm - 7,800lm	3,900lm - 10,000lm
Efficacy	Up to 160lm/W		
CCT & CRI	3 K / 4000K / 5000K / 6500K, Ra80 / Ra90		
Protection Rating	IK10, IP66		
Operating Temperature	-30°C~+40°C		
Warranty	5 Years		
Product Dimension	ELARIS 600 SINGLE: 600x80x72mm ELARIS 600 DOUBLE: 600x100x72mm	ELARIS 1200 SINGLE: 1200x80x72mm ELARIS 1200 DOUBLE: 1200x100x72mm	ELARIS 1500 SINGLE: 1500x80x72mm ELARIS 1500 DOUBLE: 1500x100x72mm
Luminaire Net Weight	ELARIS 600 SINGLE: 1.1kg ELARIS 600 DOUBLE: 1.3kg	ELARIS 1200 SINGLE: 2kg ELARIS 1200 DOUBLE: 2.2kg	ELARIS 1500 SINGLE: 2.1kg ELARIS 1500 DOUBLE: 2.4kg

Dimensions Drawing

L(mm)	W(mm)	H(mm)
600	80	72
600	100	72
1200	80	72
1200	100	72
1500	80	72
1500	100	72
1800	80	72
1800	100	72



Photometric Diagrams



Mounting Options-Accessories



10mm Screw



30mm Screw



Anchor



PG Gland



Stainless Steel



GISELA Series

Optimized Triproof Batterns for Commercial and Industrial Applications

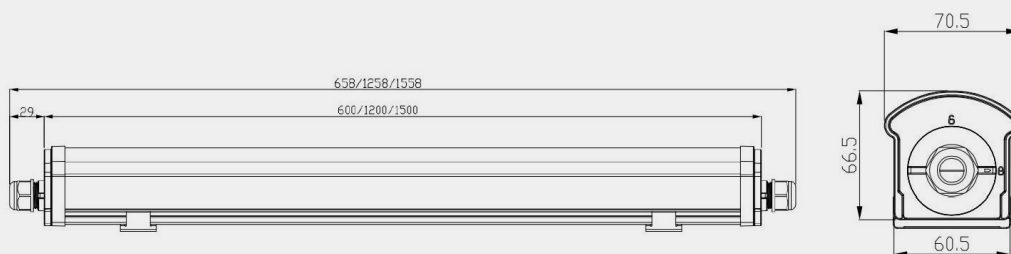


The GISELA LED linear luminaire is designed as a durable and energy-efficient lighting solution for demanding indoor and semi-industrial environments. Its robust construction combines a high-quality housing with a Mitsubishi polycarbonate diffuser that offers excellent light transmission and long-term UV resistance, preventing yellowing over time. The luminaire features a practical tool-less pull-out and push-in connection system, enabling quick installation and simplified maintenance. Through-wiring capability allows multiple luminaires to be easily linked together, making the product particularly suitable for continuous lighting installations in warehouses, industrial areas, parking spaces, sports facilities, and underground environments.

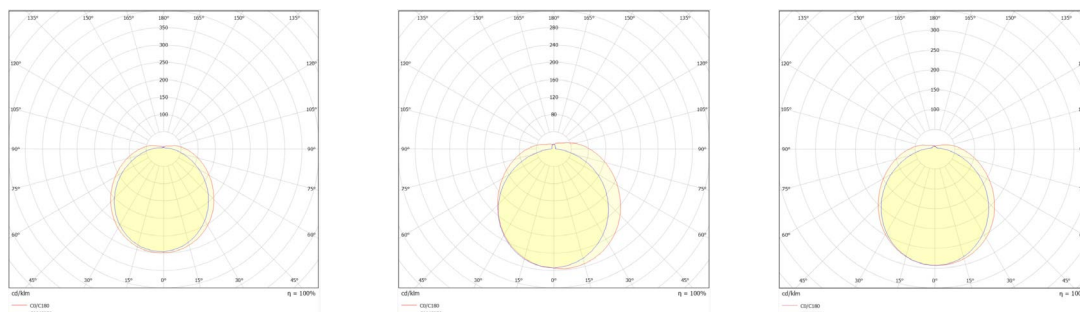
The luminaire is built on a modular design platform, allowing easy integration of sensor and emergency modules without replacing the entire fixture. With luminous efficacy options up to 150 lm/W, high power factor (>0.9), and flicker-free operation, the system delivers efficient and stable illumination. The premium version incorporates a dimmable driver and fast connector system that enables flexible upgrades with motion sensors or emergency lighting kits, reducing installation time and minimizing stock requirements. Certified according to TÜV-CE, RoHS, REACH and compliant with the new ERP requirements, the luminaire also provides high protection levels of IP66 and IK10, ensuring reliable operation in harsh environments.

Model No	GISELA-18W	GISELA-34W	GISELA-50W
Power	18 W	34 W	50 W
Input Voltage	AC 220-240 V		
Luminous Flux (Standard)	2280 lm	4250 lm	6250 lm
Luminous Flux (High Efficiency)	3000 lm	5100 lm	7500 lm
Luminous Efficiency	125LM/W		
High Efficiency Version	150LM/W		
ERP Level	E		
ERP Level (High Efficiency)	D		
Power Factor	>0,9		
Flicker	NO		
Max Line-up @220V	40 pcs	20 pcs	15 pcs
Operating Temperature	-20°C to +40°C		
Storage Temperature	< 90°C		
Protection Rating	IP66		
Impact Resistance	IK10		
Warranty	5 Years		
Sensor Module Function	DC 400 V / -20°C to +70°C / PWM dimming control / Installation height 3 m / Detection distance of 3–6 m / Detection angle 30° to 120° / Hold time 5 s, 30 s, 3 min, 10 min / Standby dimming level 0% or 20% / IP65		
Emergency module Function	"AC 220-240 V / 1800 mAh Battery / Charging time 8 hours / Discharging time 3 hours / Emergency output 200 lumens / Temperature range 0°C to 40°C / Installation height 2.5 to 3 m / Dimensions of 158x58x 57 mm / IP65"		
Dimensions (mm) (LxWxH)	600x70,5x66,5 mm	1200x70,5x66,5 mm	1500x70,5x66,5 mm

Dimensions Drawing



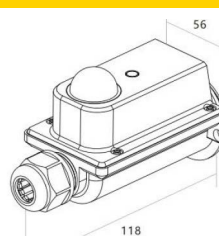
Photometric Diagrams



Mounting Options-Accessories



Microwave Sensor KIT



PIR Sensor KIT



ALBA Series

Modern Triproof LED Battens for Utility and Service Areas

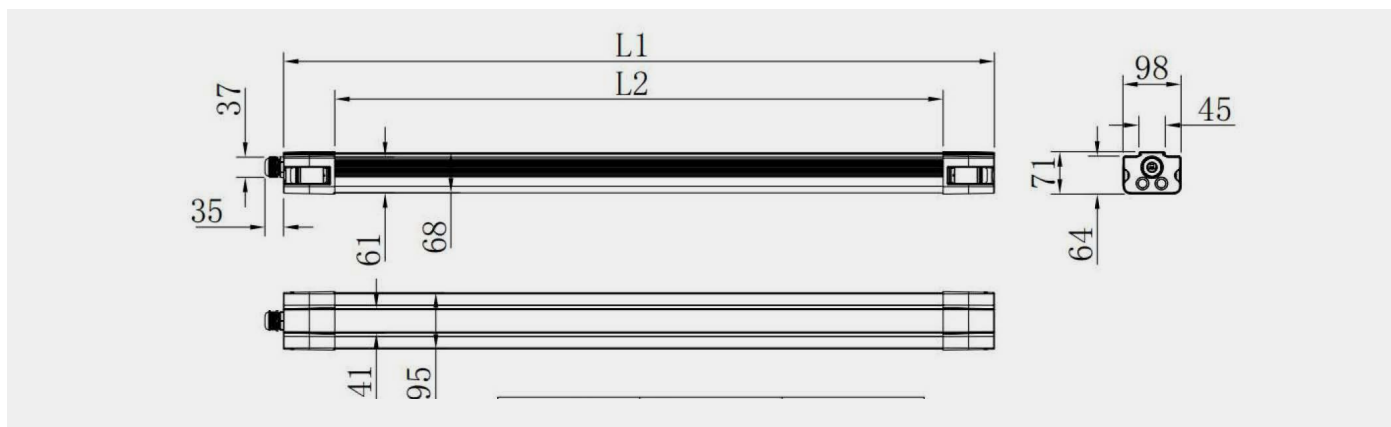


ALBA is a robust and high-efficiency luminaire specifically engineered for demanding industrial and commercial applications, including warehouses, parking facilities, and sports installations. Designed with an IP66 ingress protection rating and IK10 impact resistance, it ensures reliable operation in harsh environments. The fixture incorporates high-quality LED technology delivering up to 150 lm/W, combined with a polycarbonate cover that guarantees long-term optical stability and an aluminum housing that enhances thermal management and durability.

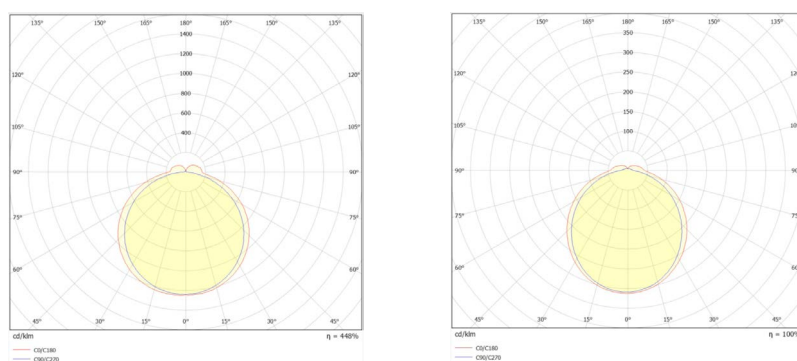
ALBA is distinguished by its versatile and forward-thinking design, offering through-wiring capability for efficient installation, as well as optional dimming, power selection, and color temperature adjustment. Its modular construction enables straightforward maintenance and future upgrades, including compatibility with advanced control systems and emergency lighting solutions. With 5-year warranty, ALBA represents a reliable, adaptable, and energy-efficient lighting solution for professional applications.

Model No	ALBA-030	ALBA-050	ALBA-080	ALBA-100	ALBA-150	ALBA-200
Power Consumption (±5)	30W	50W	80W	100W	150W	200W
Input Voltage	AC100-240V~50/60Hz					
Control	ON-OFF / DIM0-10V / DALI					
Luminous Flux (±10%)	4,500lm	7,500lm	12,000lm	15,000lm	22,500lm	30,000lm - 33,600lm
Efficacy (5000K RA70)	Up to 150lm/W					
CCT & CRI	4000K standard, 3000K / 5000K / 6500K optional - Ra80"					
Protection Rating	IK10, IP66					
Operating Temperature	-30°C~+65°C					
Warranty	5 Years					
Product Dimension	1274x87x86mm	1562x87x86mm	1562x87x86mm	1274x87x86mm / 1562x87x86mm	1562x87x86mm	1562x87x86mm / 5018x87x86mm
Luminaire Net Weight	2.2kg	2.9kg	2.9kg	2.2kg / 2.9kg	2.9kg	2.9kg / 7kg

Dimensions Drawing



Photometric Diagrams



Mounting Options-Accessories



Mounting clips



Canopy



ISIS Series

Modern LED Canopy Solutions for Industrial Applications

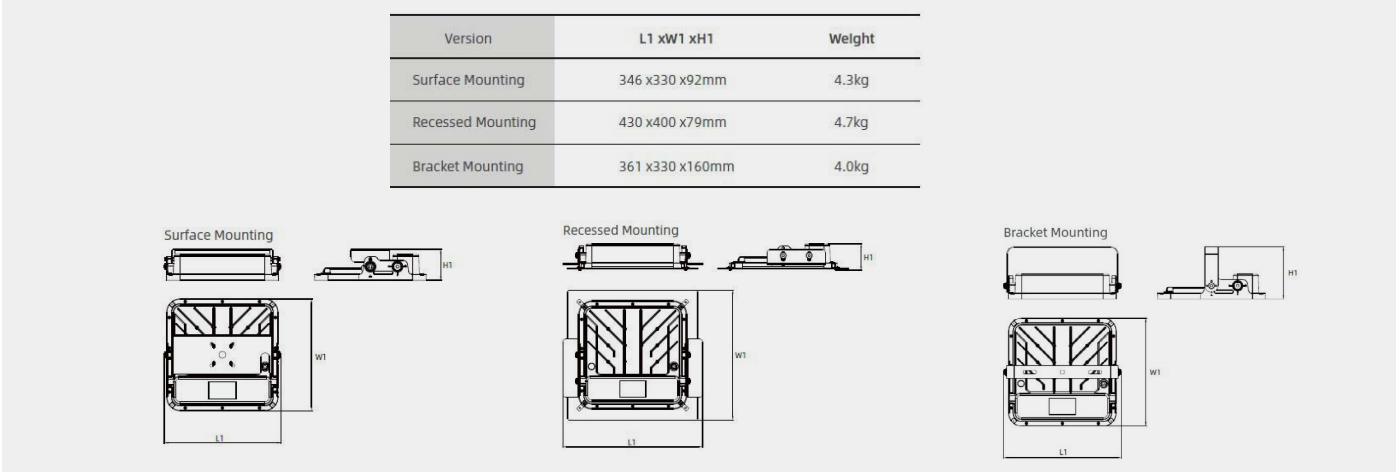


ISIS is designed to deliver a service life of up to 100,000 hours (L70), thereby significantly reducing maintenance requirements and associated costs. It is manufactured using high-quality, internationally approved components, including LED modules and drivers, ensuring consistent performance and reliability. The inclusion of a tempered glass cover facilitates ease of cleaning and long-term optical clarity, while the compact die-cast construction provides a robust and dependable mechanical structure.

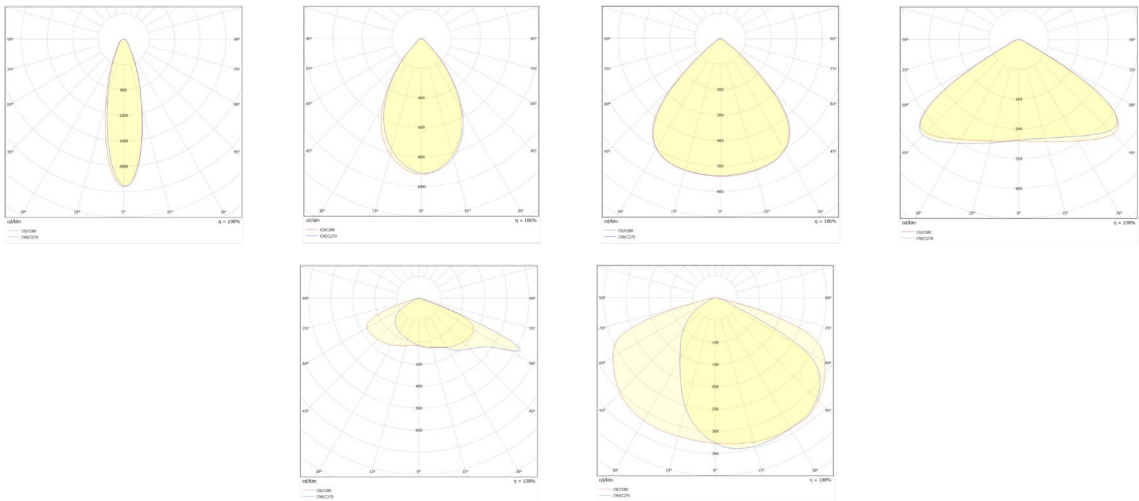
ISIS is certified according to ATEX standards, allowing for safe operation in potentially flammable and explosive environments. Furthermore, ISIS offers a range of optional installation accessories, supporting recessed, surface-mounted, and bracket-mounted configurations to accommodate diverse application requirements. The luminaire is also supported by a 5-year warranty, reflecting its high standard of quality and durability.

Model No	ISIS-080	ISIS-100	ISIS-120	ISIS-150
Power Consumption (±5)	80W	100W	120W	150W
Input Voltage	AC 100-240V / 277V 50 / 60Hz			
Control	ON-OFF / DIM1-10V			
Luminous Flux (±10%)	13,200lm	16,000lm	19,200lm	23,250lm
Efficacy (5000K Ra70)	Up to 165lm/W			
CCT & CRI	3000K / 4000K / 5000K / 5700K Ra70,Ra80			
Protection Rating	IK10, IP66			
Operating Temperature	-40°C~+50°C			
Warranty	5 Years			
Product Dimension	Surface Mount: 346x330x92mm Recessed Mount: 430x400x79mm Bracket Mount: 361x330x160mm			
Luminaire Net Weight	Surface Mount: 4.3kg Recessed Mount: 4.7kg Bracket Mount: 4kg			

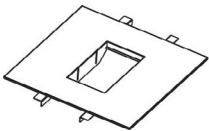
Dimensions Drawing



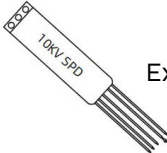
Photometric Diagrams



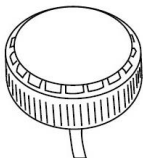
Mounting Options-Accessories



Customized frame



Extra 10KV SPD



Motion Sensor



SGL Series

Efficient Canopy Lighting for Gas Stations and Service Areas

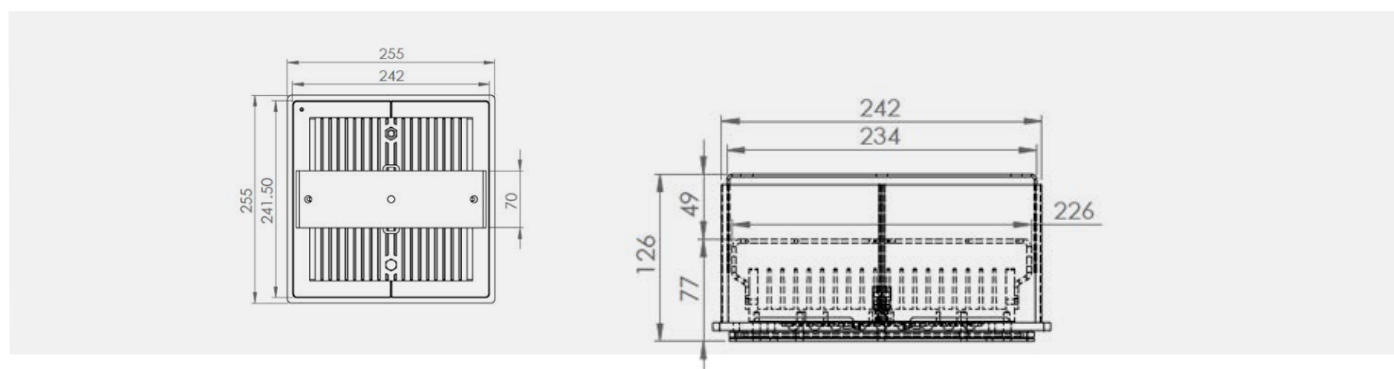


The SGL133 LED luminaire is designed to provide reliable and high-efficiency lighting for tunnel, ceiling, and industrial applications where durability and consistent illumination are essential. Its compact architectural design, based on an extruded aluminum housing, integrates seamlessly into infrastructure environments while offering excellent thermal management through an integrated aluminum heatsink. Equipped with high-performance Nichia LED light sources and high-quality drivers from Philips or Inventronics, the luminaire achieves luminous efficacy of up to 170 lm/W and delivers stable illumination for demanding environments such as tunnels, underpasses, industrial facilities, and large indoor areas.

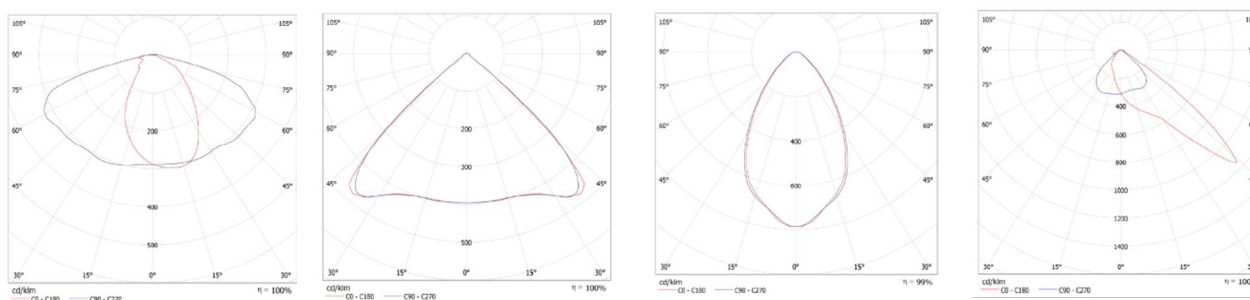
The optical system incorporates a micro-prismatic PMMA diffuser with high light transmittance, protected by 4 mm tempered glass, ensuring uniform light distribution and reduced glare. The luminaire supports DALI control with optional 1–10V dimming and includes surge protection up to 10kV for electrical reliability. With protection ratings of IP66 and IK08, operating temperature up to $T_a +40^{\circ}\text{C}$, and lifetime exceeding 60,000 hours (L80), the SGL133 luminaire provides a robust and efficient lighting solution. Multiple mounting configurations — including box mounting, recessed rosette mounting, and adjustable bracket mounting with $\pm 90^{\circ}$ tilt — offer flexibility for different installation requirements.

Model No	SGL133 Single	SGL133 Double
Power Consumption (± 5)	50 – 100 W	110 – 200 W
Input Voltage	230Vac / 50Hz	
Control Options	1-10V / DALI / NEMA or ZHAGA ready	
Luminous Flux	7,500 – 13,000 lm	13,500 – 26,000 lm
Luminous Efficacy	Up to 170 lm/W	
LED Source	Nichia	
Driver	Philips / Inventronics	
CCT & CRI	3000K / 4000K, Ra >70 (Ra > 80 optional)	
Power Factor	>0.90	
Surge Protection Device	10kV	
Protection Rating	IP66, IK08	
Operating Temperature	Ta +40°C	
Lifetime	L80 > 60,000 h	
Housing Material	Extruded Aluminum / Micro-prismatic PMMA / 4 mm tempered	
Protection Class	Class I	
Dimensions	255x255x140 mm	510x255x140 mm
Weight	5.7 kg	12.5 kg

Dimensions Drawing



Photometric Diagrams





Explosion Proof Lighting



TAHARA Series

Certified Explosion-Proof LED Lighting for Hazardous Areas



TAHARA is a certified Explosion-proof LED Luminaire with waterproof, dustproof, anti-corrosion and shock resistance, well combination of robust structure and outstanding appearance. It's an ideal solution for all types of harsh and hazardous applications.

TAHARA is available in power ratings of 30W, 40W, 50W, 60W, and 70W, with input voltage options of AC100–277V and AC277–480V to accommodate different electrical systems. It features a corrosion-resistant die-cast aluminum body and frame, with an optional stainless steel guard for enhanced protection. Multiple mounting options are available, including ceiling mount, 25° stanchion mount, wall bracket, pendant mount, and trunnion mount, ensuring flexibility for a wide range of installation requirements. The fixture provides a 120° beam angle for broad and uniform light distribution. TAHARA is designed for demanding environments, operates reliably within an ambient temperature range of -40°C to 65°C and offers IP66 and IK10 ratings for superior protection against dust, water, and mechanical impact. Additionally, the quick-connection design enables faster and more convenient installation and wiring.



IK 10

IP66

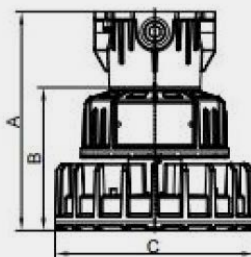


LM80

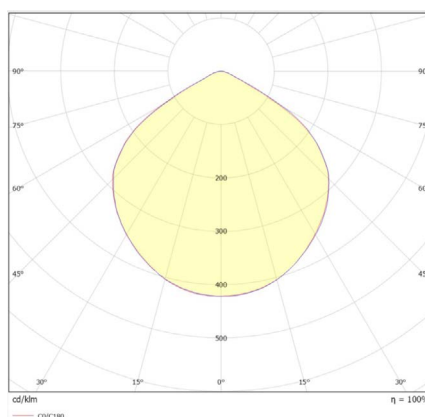
Model No	TAHARA-030	TAHARA-040	TAHARA-050	TAHARA-060	TAHARA-070
Power Consumption (±5)	30W	40W	50W	60W	70W
Input Voltage	100-277Vac / 277-480Vac				
Control	ON-OFF (standard)				
Luminous Flux (±10%)	4,200lm	5,600lm	7,000lm	8,400lm	9,800lm
Efficacy (5000K RA70)	Up to 140lm/W				
CCT & CRI	5000K (standard) / (2000K / 2200K / 2500K / 2700K / 3000K / 3500K / 4000K / 4500K / 5700K / 6500K optional), RED, GREEN, AMBER Ra70, Ra80, Ra90				
Protection Rating	IK10, IP66				
Operating Temperature	-40°C~+65°C				
Warranty	5 Years				
Product Dimension	Ceiling mount: 248x274mm 25°Stanchion mount: 320 x248x275mm Wall bracket: 336x248x271mm Pendant mount: 248x292mm - Trunnion mount: 284x248x348mm				
Luminaire Net Weight	Ceiling mount: 8.3kg 25° Stanchion mount: 7.9kg Wall bracket: 9kg Pendant mount: 7.3kg - Trunnion mount: 9kg				

Dimensions Drawing

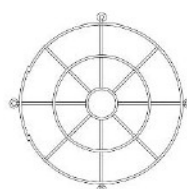
Dimensions In/mm																		
Unit	Ceiling Mount			25°Stanchion Mount				Wall Bracket				Pendant Mount			Trunnion Mount			
	A	B	C	A	B	C	D	A	B	C	D	A	B	C	A	B	C	D
mm	274	179	248	275	179	248	320	271	179	248	336	292	179	248	348	292	284	230



Photometric Diagrams



Mounting Options-Accessories



Wire Guard



SIROCCO Series

Robust Explosion-Proof Luminaire with Glare Shield



SIROCCO is a certified LED floodlight designed for hazardous locations. It features a distinctive and robust "Iron Man" face design that combines durability with a visually striking appearance. With excellent photoelectric performance, the luminaire provides reliable and efficient illumination, making it an ideal solution for a wide range of harsh and hazardous environments.

SIROCCO's housing is manufactured from low-copper aluminum alloy with a specialized powder coating, complemented by stainless steel components and hot-dip galvanized parts. These anti-corrosion features ensure long-term durability and make the luminaire suitable for use in marine environments for more than ten years. The LED chips are separated from the driver compartment to improve heat dissipation and extend the overall service life of the fixture.

The body incorporates a specially engineered design that prevents water accumulation, enabling easy cleaning and enhancing thermal performance, while the driver box cover is designed with an anti-dislodging feature for additional safety.

The luminaire is sealed using a specialized structural design and high-quality materials to ensure reliable protection. It is equipped with self-locking spring terminals for straightforward and secure wiring, as well as built-in 10 kV surge protection. The fixture provides IP66 and IK08 ratings, ensuring high resistance to dust, water ingress, and mechanical impact. Designed for demanding environments, it operates within an ambient temperature range of -40°C to 65°C . Optional accessories, including a visor and wire guard, are also available to further enhance its functionality.



IK 08

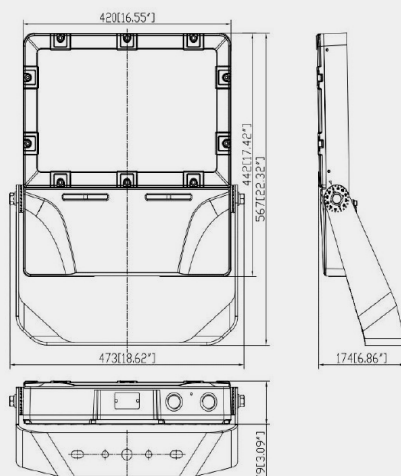
IP66



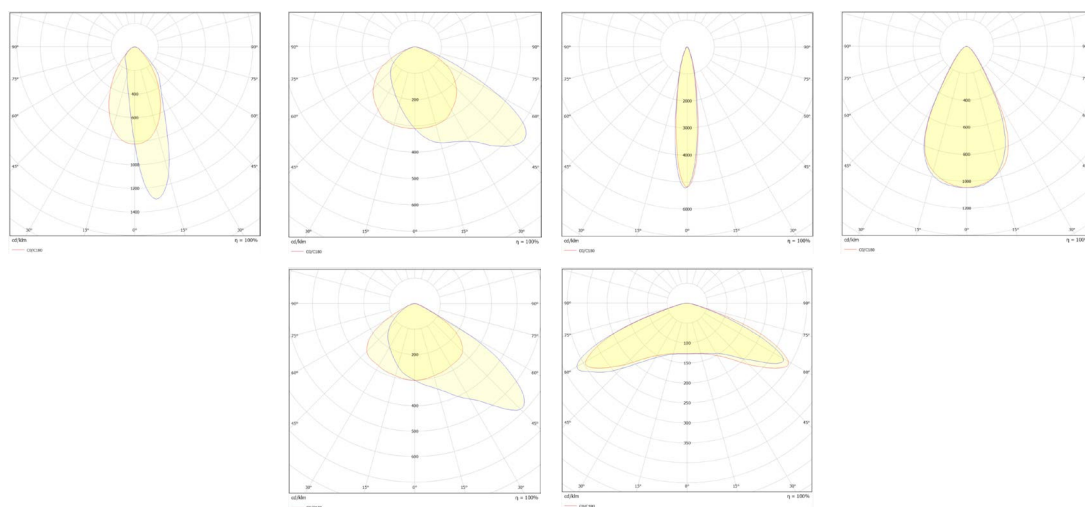
LM80

Model No	SIROCCO-150	SIROCCO-200	SIROCCO-240
Power Consumption (±5)	150W	200W	240W
Input Voltage	100-277Vac		
Control	ON-OFF (standard) / DIM1-10V / DALI		
Luminous Flux (±10%)	22,500lm	30,000lm	36,000lm
Efficacy (5000K RA70)	Up to 150lm/W		
CCT & CRI	5000K (standard) / (2000K / 2200K / 2500K / 2700K / 3000K / 3500K / 4000K / 4500K / 5700K / 6500K optional), RED, GREEN, AMBER"		
Protection Rating	IK08, IP66		
Operating Temperature	-40°C~+65°C	-40°C~+60°C	-40°C~+50°C
Warranty	5 Years		
Product Dimension	567x473x174mm		
Luminaire Net Weight	14.5kg		

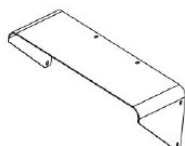
Dimensions Drawing



Photometric Diagrams



Mounting Options-Accessories



Glare Shield

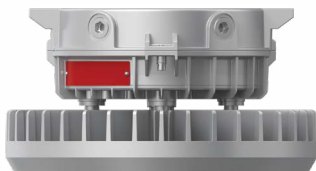


Wire Guard



ARIDA Series

Heavy-Duty LED Luminaire for Reliable Operation in Explosive Environments



ARIDA is a certified explosion-proof luminaire designed for use in hazardous environments. It is suitable for gas Zone 2 and dust Zone 21, in accordance with international and European explosion-proof standards. The fixture offers superior protection against water, dust, corrosion, and vibration, ensuring reliable performance in demanding conditions. With its robust construction and high level of protection, ARIDA provides an ideal lighting solution for a wide range of harsh and hazardous applications.

The luminaire body is engineered to prevent water accumulation, facilitating cleaning and optimizing thermal performance. It is hermetically sealed with specialized structural design and high-quality materials to guarantee long-term reliability. The fixture is rated IP66 and IK08, providing superior protection against dust, water ingress, and mechanical impact, and operates within an ambient temperature range of -40°C to 65°C . Constructed from low-copper aluminum alloy with a specialized powder coating and complemented by stainless steel components treated for enhanced corrosion resistance, ARIDA is suitable for marine and other highly corrosive environments, offering dependable performance for over ten years.

The LED chips are separated from the driver compartment to ensure effective heat dissipation and extended service life. Multiple mounting configurations are provided, including ceiling mount, pendant mount, wall bracket, 25° stanchion mount, 90° stanchion mount, and trunnion mount, allowing adaptability to various installation scenarios. Ceiling, bracket, and wall mounts are equipped with multiple conduit holes to facilitate interconnection between fixtures, thereby simplifying on-site installation and wiring. Self-locking spring terminals further enhance the ease and reliability of electrical connections, while the driver box cover is designed with an anti-dislodging feature to ensure secure assembly.



IK 08

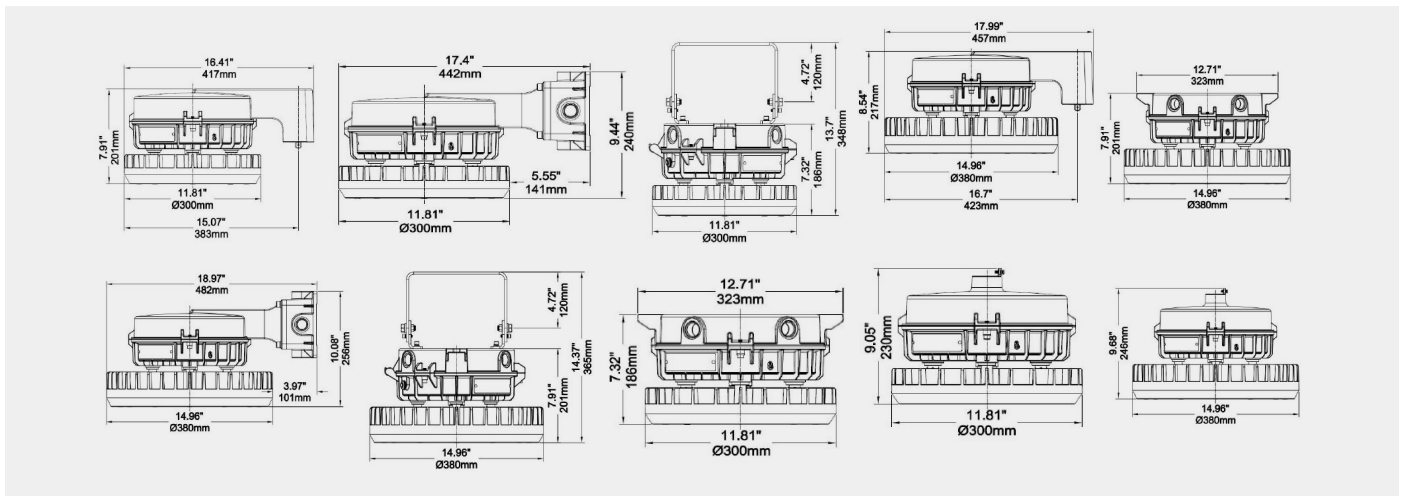
IP66



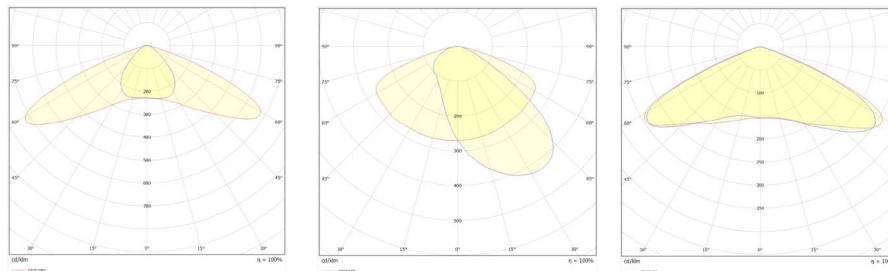
LM80

Model No	ARIDA-030	ARIDA-050	ARIDA- 075	ARIDA- 100	ARIDA-120	ARIDA-150	ARIDA-180	ARIDA-200	ARIDA-240
Power Consumption (±5)	30W	50W	75W	100W	120W	150W	180W	200W	240W
Input Voltage	100-277Vac								
Control	ON-OFF (standard) / DIM1-10V / DALI"								
Luminous Flux (±10%)	4,200lm	7,000lm	10,500lm	14,000lm	16,800lm	21,000lm	25,200lm	28,000lm	33,600lm
Efficacy (5000K Ra70)					Up to 140lm/W				
CCT & CRI	5000K (standard) / (2000K / 2200K / 2500K / 2700K / 3000K / 3500K / 4000K / 4500K / 5700K / 6500K optional), RED, GREEN, AMBER Ra70,Ra80, Ra90"								
Protection Rating	IK08, IP66								
Operating Temperature	-40°C~+65°C								
Warranty	5 Years								
Product Dimension	Ceiling Mount:Ø300x186mm Pendant Mount:Ø300x230mm Trunion Mount:Ø300x348mm 25 Stanchion Mount:400xØ300x280mm 90 Stanchion Mount:417xØ300x201mm Wall Bracket:Ø300x442mm"				Ceiling Mount:Ø380x201mm Pendant Mount:Ø380x246mm Trunion Mount:Ø300x365mm 25 Stanchion Mount: 443xØ380x312mm 90 Stanchion Mount: 457xØ380x217mm Wall Bracket: 482xØ380x256mm"				
Luminaire Net Weight	Ceiling Mount: 6.5kg Pendant Mount: 6.1kg Trunion Mount: 8.1kg 25 Stanchion Mount: 7.6kg 90 Stanchion Mount: 7.8kg Wall Bracket: 8.5kg"				Ceiling Mount: 9.7kg Pendant Mount: 9.4kg Trunion Mount: 11.3kg 25 Stanchion Mount: 10.8kg 90 Stanchion Mount: 11.1kg Wall Bracket: 11.7kg				

Dimensions Drawing



Photometric Diagrams



Mounting Options-Accessories



250 Stanchion
Mount
part 01



Wall Bracket
part
200W



Pendant
Mount

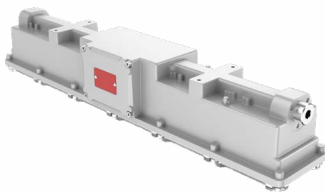


Pendant
Mount-
Trunion
Mount



MIRAGE Series

Explosion-Proof Linear Lighting for Hazardous Areas



MIRAGE is a certified LED Luminaire for Hazardous Locations with waterproof, dustproof, anti-corrosion and shock resistance, well combination of robust structure and outstanding appearance. It's an ideal solution for all types of harsh and hazardous applications, can be used in gas zone 2, dust zone 21 and 22.

MIRAGE has seven wattages options 30W, 40W, 50W, 60W, 70W, 80W, 100W, efficiency up to 160lm/w, lumen packages from 4800lm to 16000lm. It is available in Warm white-cool white color(2000K-6500K) and colored LED R/G/B/AMBER as optional.

MIRAGE can be placed with various installation methods such as ceiling mount, trunnion mount, hoop mount, loop mount and pendant mount, in order to meet different installation demands.



IK 08

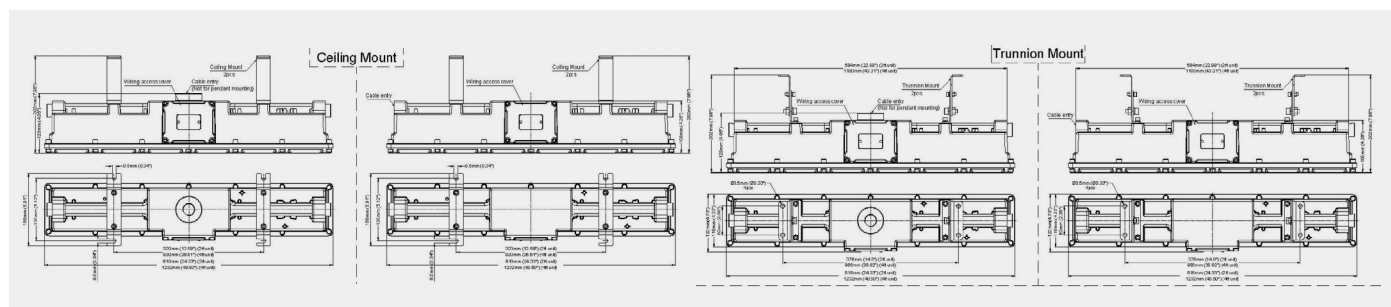
IP66



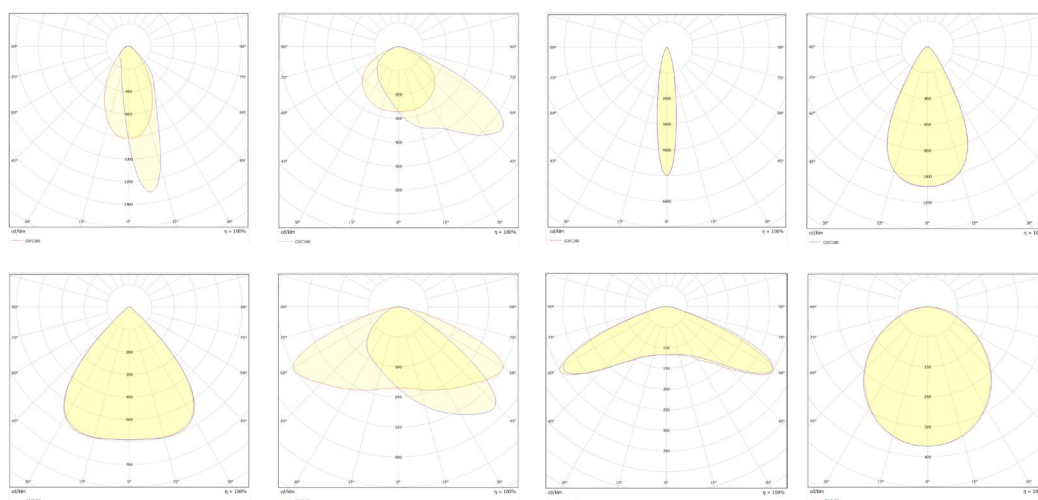
LM80

Model No	MIRAGE-030	MIRAGE-040	MIRAGE-050	MIRAGE-060	MIRAGE-070	MIRAGE-080	MIRAGE-100
Power Consumption (±5)	30W	50W	75W	100W	120W	150W	180W
Input Voltage	24-48Vac/120-277Vac/277-480Vac.						
Control	DIM1-10V						
Luminous Flux (±10%)	4,800lm	6,400lm	8,000lm	9,600lm	11,200lm	12,800lm	16,000lm
Efficacy (5000K Ra70)	Up to 160lm/W						
CCT & CRI	5000K (standard) / (2000K / 2200K / 2500K / 2700K / 3000K / 3500K / 4000K / 4500K / 5700K / 6500K optional), RED, GREEN, AMBER						
	Ra70,Ra80, Ra90"						
Protection Rating	IK08, IP66						
Operating Temperature	-40°C~+65°C						
Warranty	5 Years						
Product Dimension	Ceiling Mount: 618x150x202mm Trunion Mount: 618x120x202mm Hoop Mount: 618x125x225mm Loop Mount: 618x125x218mm Pendant Mount: 618x120x178mm			Ceiling Mount: 1232x150x202mm Trunion Mount: 1232x120x202mm Hoop Mount: 1232x125x225mm Loop Mount: 1232x125x218mm Pendant Mount: 1232x120x178mm			
Luminaire Net Weight	Ceiling Mount: 4kg Trunion Mount: 4.1kg Hoop Mount: 4.1kg Loop Mount: 4kg Pendant Mount: 3.4kg			Ceiling Mount: 5.9kg Trunion Mount: 6kg Hoop Mount: 6kg Loop Mount: 5.9kg Pendant Mount: 5.3kg			

Dimensions Drawing



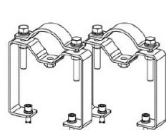
Photometric Diagrams



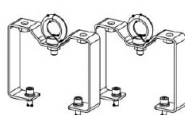
Mounting Options-Accessories



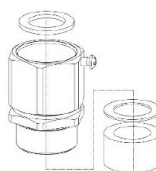
Ceiling Mount



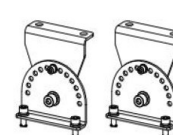
Hoop Mount



Loop Mount



Pendant Mount



Trunion Mount



Solar Lights



AERAS SOLAR Series

Advanced Solar Lighting for Autonomous Outdoor Applications

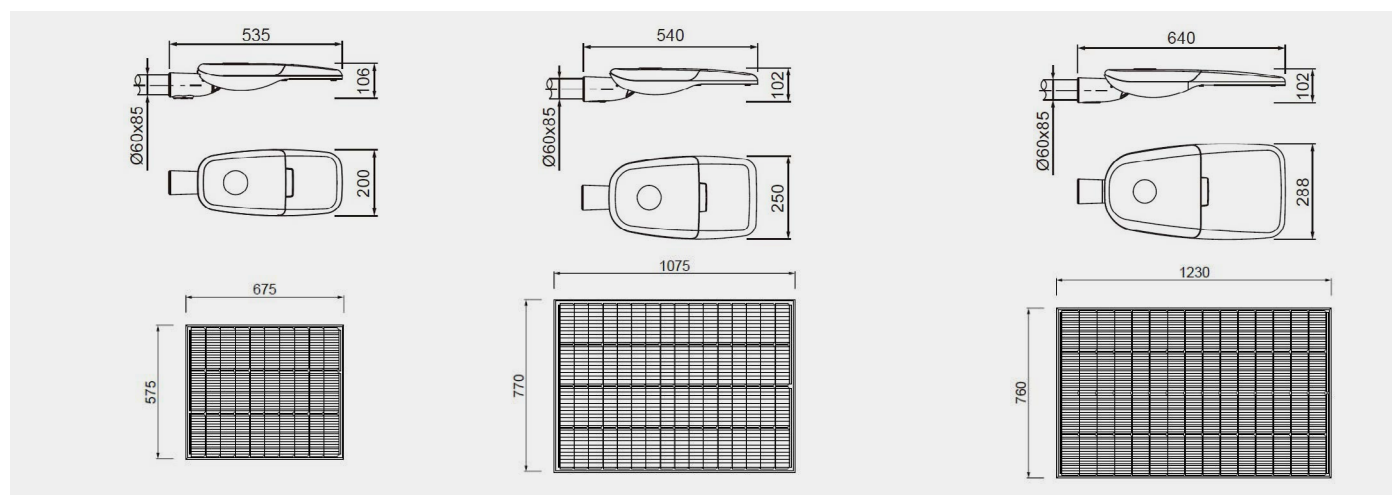


The AERAS SOLAR Series street lighting system is designed to provide a reliable and energy-independent lighting solution for outdoor environments where grid power is limited or unavailable. The system integrates high-efficiency LED luminaires with monocrystalline photovoltaic panels and lithium iron phosphate (LiFePO_4) batteries, enabling stable and sustainable illumination using renewable solar energy. Intelligent control functions including PIR motion sensing and programmable timing control allow the system to optimize energy consumption while maintaining consistent nighttime lighting performance. With robust construction and protection ratings of IP66 and IK08, the luminaire is suitable for demanding outdoor applications such as streets, pathways, residential areas, parks, and public infrastructure.

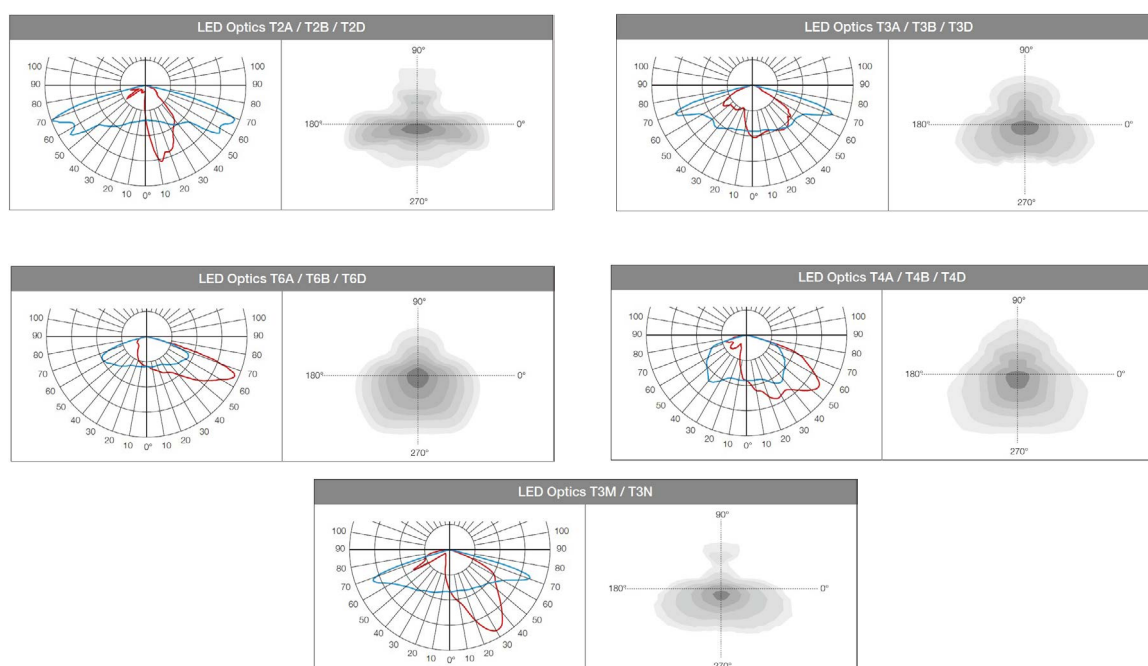
The lighting system is designed for long autonomy and reliable operation in various climatic conditions. Integrated smart control ensures efficient energy management, while the battery and solar module combination allows the system to operate for more than two days without additional charging. Flexible mounting heights between 4 m and 10 m enable the AERAS series to adapt to different road classifications and project requirements. With multiple power configurations and optimized optical performance, the AERAS SOLAR Series streetlight provides a sustainable, low-maintenance solution for modern off-grid lighting installations.

Model No	AERAS SOLAR-40	AERAS SOLAR-60	AERAS SOLAR-80	AERAS SOLAR-100
LED Chips	3030x56 pcs	3030x84 pcs	3030x84 pcs	3030x 168 pcs
LED Power	40 W	60 W	80 W	100 W
Solar Panel	80 W	120 W	160 W	200 W
LiFePO 4 Battery	692WH / 12.8V 54AH	921WH / 12.8V 72AH	1229WH / 25.6V 48AH	1843WH / 25.6V 72AH
MPPT Control	Moving Track MPPT maximum power tracking technology			
Luminous Flux	6.400 lm	9.600 lm	12.800 lm	16.000 lm
Control Mode	Motion Sensor / Remote Control			
Autonomy	2 days	2 days	2 days	2 days
Protection Rating	IP66	IP66	IP66	IP66
Impact Resistance	IK08	IK08	IK08	IK08
Luminaire Dimensions (LxWxH)	535x200x106 mm	540x250x102 mm	540x250x102 mm	640x288x102 mm
Panel Dimensions (LxW)	675x575 mm	9675x575 mm	1075x770 mm	1230x760 mm

Dimensions Drawing



Photometric Diagrams



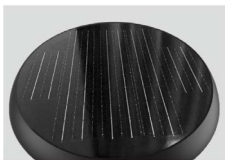
Mounting Options-Accessories



Battery box

COSMOS SOLAR Series

Advanced Solar Lighting for Autonomous Outdoor Applications



COSMOS SOLAR street lighting system is designed with a die-casting aluminium body, tempered glass, and PC plastic reflector, ensuring durability and high performance. It utilizes LiFePO₄ batteries, which are commonly applied in electric buses, providing reliable and efficient energy storage. The luminaire features optics with a PC lens that deliver high visual comfort and uniform lighting distribution, along with multiple light distribution options to suit various applications. It also offers a variety of mounting bracket options, enabling different shapes and configurations of lighting installations. The surface is treated with anti-ultraviolet pure polyester powder coating, offering corrosion resistance exceeding 1000 hours.

COSMOS SOLAR complies with EN 62471:2008 standards, ensuring no photobiological risk, including no hazards related to infrared, blue light, or UV radiation. Additionally, it supports smart street lighting control technology and is compatible with remote management systems for enhanced operational efficiency. All external screws are made of 304 stainless steel, ensuring long-term resistance to corrosion and environmental conditions.



IK 08

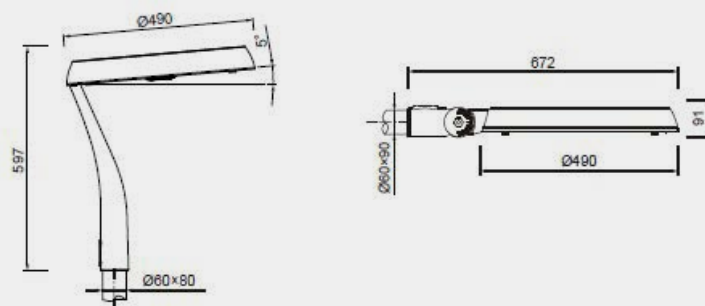
IP66



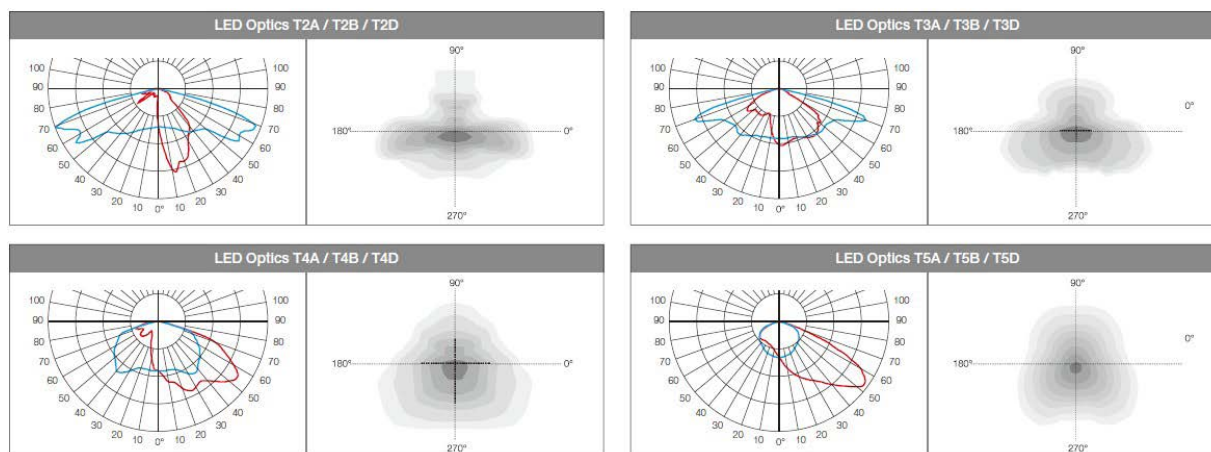
*Under Certification

Model No	COSMOS SOLAR-H	COSMOS SOLAR-P
LED Chips	3030 x 84 pcs	3030 x 84 pcs
LED Power	12 W	12 W
Solar Panel	25 W	25 W
Battery LiFePO4	102.4 WH / 12.8V 8Ah	102.4 WH / 12.8V 8Ah
Luminous Flux	1,800 lm	1,800 lm
Control Mode	Remote Control Unit / Motion Sensor	
Autonomy	2 days	2 days
Protection Rating	IP66	IP66
Impact Resistance	IK08	IK08
Luminaire Dimensions	Ø 490 x 91 mm	Ø 490 x 91 x 597 mm

Dimensions Drawing



Photometric Diagrams



Mounting Options-Accessories



Motion sensor



Remote Control

KALI SOLAR Series

Elegant Solar Lighting for Modern Urban Spaces



KALI SOLAR is constructed with an aluminum die-cast housing and a transparent polycarbonate (PC) cover, specifically designed to resist yellowing and material degradation over time. It incorporates a high light-transmission PC diffuser, ensuring enhanced visual comfort and uniform light distribution.

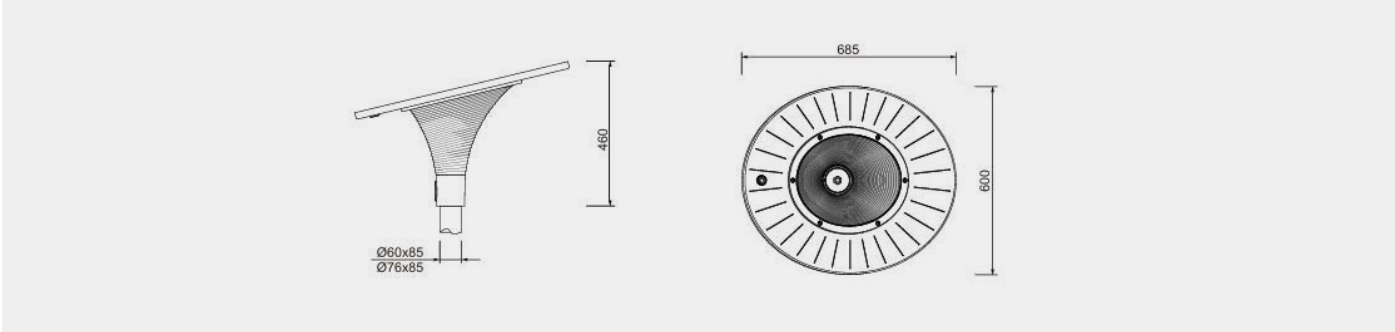
The unit is complemented by a high-strength aluminum alloy pole featuring an anti-corrosion plastic powder-coated surface, providing durability and long-term performance in demanding outdoor environments. It is compatible with installation pipe diameters of Ø75 mm and Ø60 mm.

KALI SOLAR complies with EN 62471:2008 standards, ensuring the absence of photobiological risks, including hazards related to infrared, blue light, and ultraviolet radiation. It is powered by a LiFePO₄ battery, widely utilized in electric bus applications, offering reliable and long-lasting energy storage.

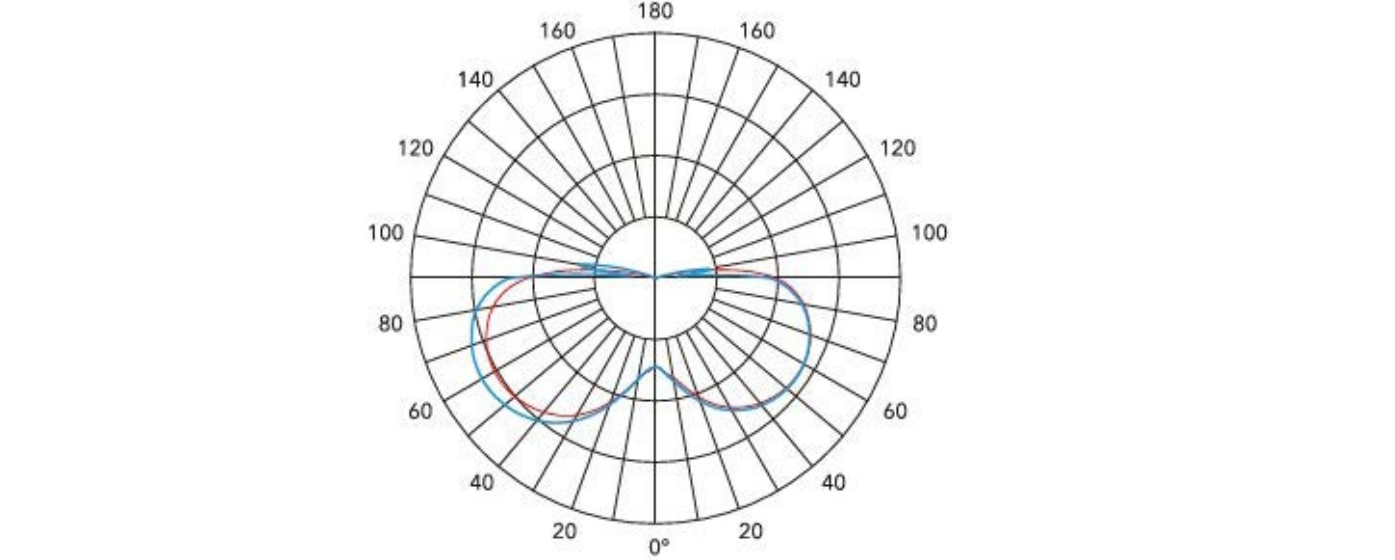
The surface is treated with an anti-ultraviolet pure polyester powder coating, delivering corrosion resistance exceeding 1000 hours. Furthermore, KALI SOLAR features a one-button switching mechanism, eliminating the need to access internal wiring and facilitating simplified installation. All external fasteners are manufactured from 304 stainless steel, ensuring long-term durability and resistance to environmental conditions.

Model No	KALI SOLAR
LED Chips	2835 x 216 pcs
LED Power	18 W
Solar Panel	50 W
Battery LiFeP04	154WH / 12.8V 12Ah
Luminous Flux	2.250 lm
MPPT Solar Controller	Tracking efficiency up to 99.5%
Control Mode	Remote Control Unit / Microwave detection distance
Autonomy	2 days
Protection Rating	IP66
Impact Resistance	IK08
Luminaire Dimensions	685x600x460 mm

Dimensions Drawing



Photometric Diagrams



Mounting Options-Accessories



Motion sensor



Remote Control



MERCURY SOLAR Series

Autonomous Solar Poles for Sustainable Urban Decoration



MERCURY is equipped with a Q355 steel pole, which is subjected to a galvanization process followed by the application of an anti-ultraviolet pure polyester powder coating, ensuring enhanced durability and superior corrosion resistance. It features a die-cast aluminum body in combination with a polycarbonate (PC) transparent diffuser tube, providing robust construction and efficient light transmission. The system incorporates high-efficiency monocrystalline silicon solar panels, ensuring reliable and sustainable energy performance.

The optical system is based on modular lens technology, delivering high visual comfort and offering multiple light distribution options to meet diverse application requirements. MERCURY complies with EN 62471:2008 standards, ensuring the absence of photobiological risks, including hazards associated with infrared, blue light, and ultraviolet radiation. It is powered by a LiFePO4 battery, widely utilized in electric bus applications, providing efficient, safe, and long-lasting energy storage. The surface treatment further includes an anti-ultraviolet pure polyester powder coating, achieving corrosion resistance exceeding 1000 hours. MERCURY is supplied in an integrated package to facilitate convenient transportation, while all external fasteners are manufactured from 304 stainless steel, ensuring long-term durability and resistance to environmental conditions.



IK 08

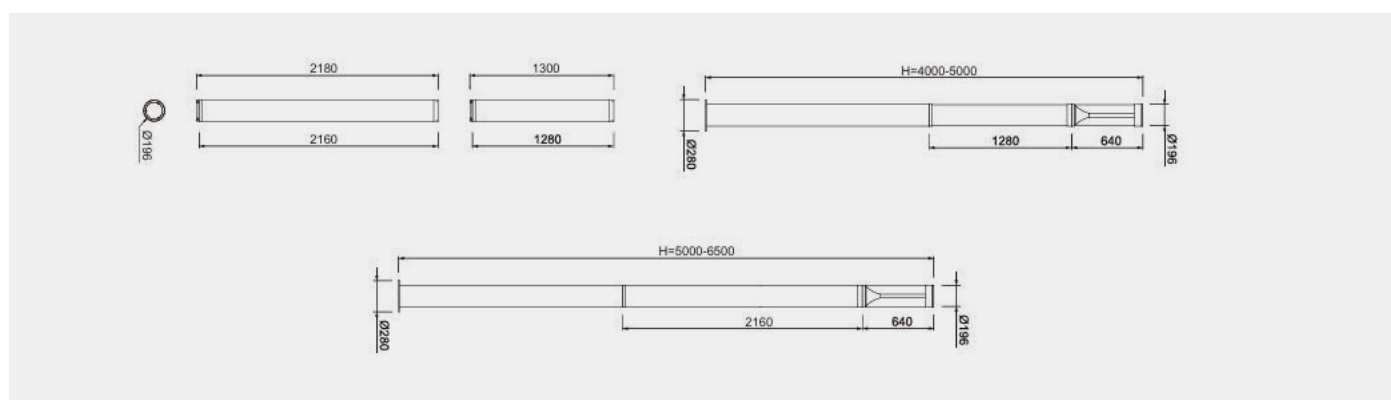
IP66



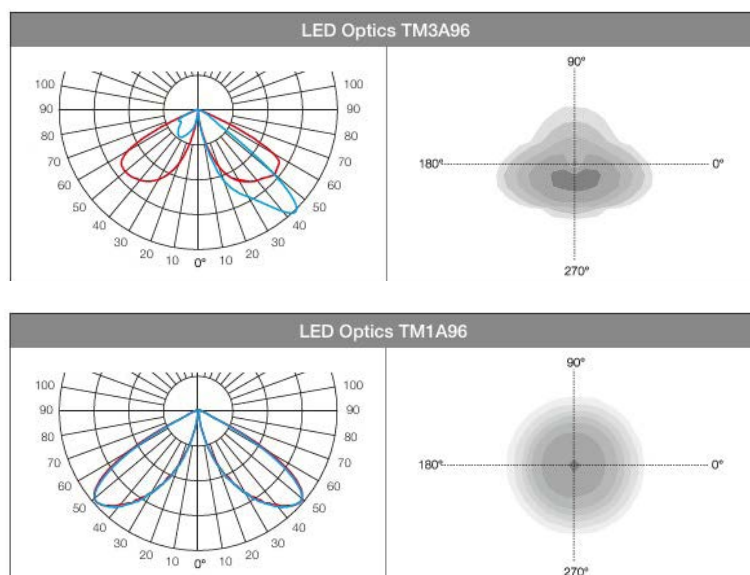
*Under Certification

Model No	MERCURY-A GENERAL	MERCURY-B GENERAL	MERCURY-A ADVANCE	MERCURY-B ADVANCE
LED Chips	3030 x 56 pcs	3030 x 96 pcs	3030 x 56 pcs	3030 x 96 pcs
LED Power	25 W	50 W	20 W	40 W
Solar Panel	95 W	160 W	95 W	160 W
Battery LiFePO4	384WH / 12.8V 30Ah	538WH / 12.8V 42Ah	384WH / 12.8V 30Ah	538WH / 12.8V 42Ah
Luminous Flux	3,750 lm	7,500 lm	3,000 lm	6,000 lm
MPPT	Waterproof MPPT control constant current integrated machine			
Autonomy	2 days	2 days	3 days	3 days
Control Mode	Remote control Unit			
Recommended Mounting Height	3 – 5 m			
Protection Rating	IP66			
Impact Resistance	IK08			

Dimensions Drawing



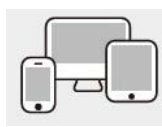
Photometric Diagrams



Mounting Options-Accessories



Energy saving
with remote
control system



Network for smart
intelligent system



Remote Control



KALYPSO SOLAR Series

Decorative Solar Poles for Modern Park & Street Illumination



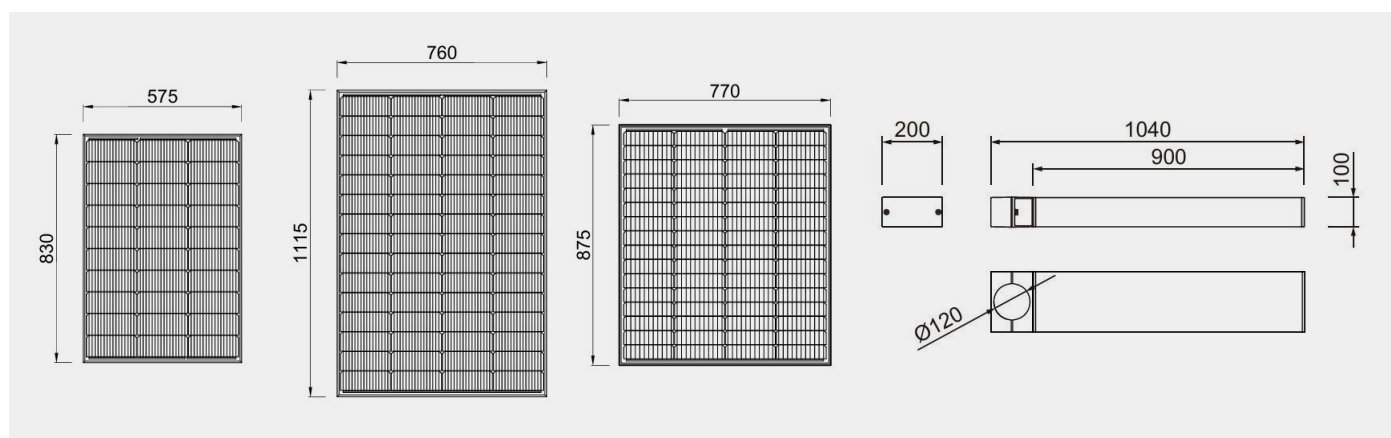
KALYPSO SOLAR is constructed with an aluminium alloy extruded lamp body and an aluminium alloy extruded pole, ensuring high structural integrity and long-term durability. It incorporates a modular LED light source design, facilitating ease of installation and simplified maintenance through convenient replacement.

The optical system is equipped with a polycarbonate (PC) lens, providing enhanced visual comfort and uniform light distribution, while offering multiple light distribution options to accommodate a wide range of application requirements. The light source module is further protected by tempered glass, ensuring high optical clarity and mechanical strength.

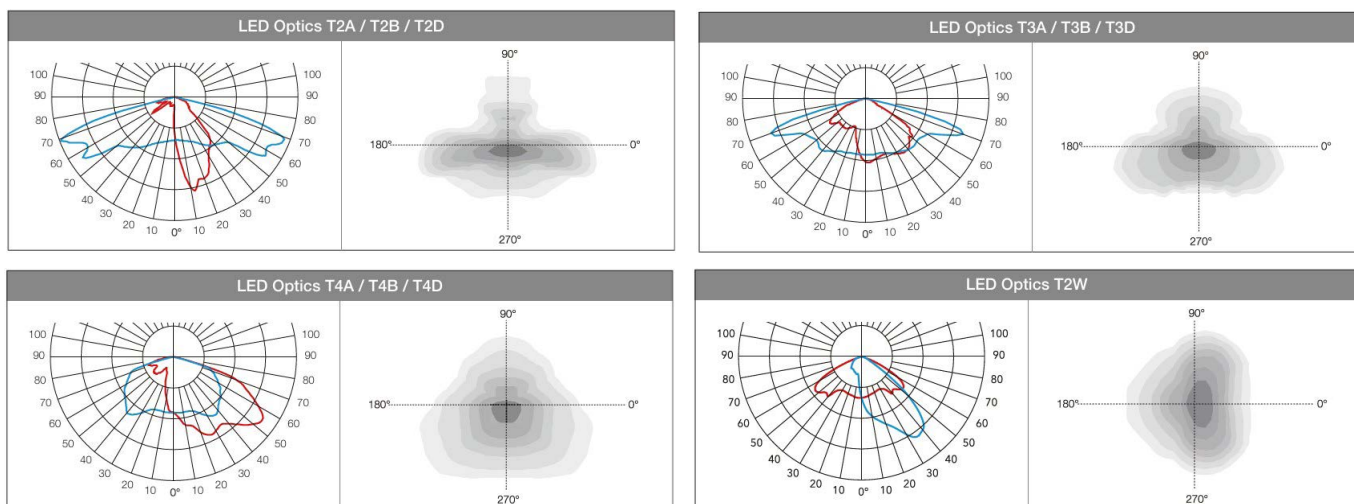
KALYPSO SOLAR complies with EN 62471:2008 standards, ensuring the absence of photobiological risks, including hazards associated with infrared, blue light, and ultraviolet radiation. It is powered by a LiFePO4 battery, widely utilized in electric bus applications, providing efficient, safe, and long-lasting energy storage. The surface is treated with an anti-ultraviolet pure polyester powder coating, delivering corrosion resistance exceeding 1000 hours. KALYPSO SOLAR is supplied in separate packaging, enabling cost efficiency and ease of transportation. All external fasteners are manufactured from 304 stainless steel, ensuring long-term durability and resistance to environmental conditions.

Model No	KALYPSO 45 - BASIC	KALYPSO 60 - BASIC	KALYPSO 45 - GENERAL	KALYPSO 60 - GENERAL
LED Chips	5050 x 32 pcs	5050 x 32 pcs	5050 x 32 pcs	5050 x 32 pcs
LED Power	45W	60W	45W	60W
Solar Panel	100W	130W	130W	180W
Battery LiFePO4	460WH / 12.8V 36Ah	538WH / 12.8V 42Ah	538WH / 12.8V 42Ah	691WH / 12.8V 54Ah
Luminous Flux	6,750 lm	9,000 lm	6,750 lm	9,000 lm
MPPT	Waterproof MPPT control constant current integrated machine			
Autonomy	2 days - Working Mode:2h-100%, 2h-50%, 7h-30%		2 days - Working Mode:4h-100%, 2h-50%, 5h-30%	
Control Mode	Remote control Unit			
Recommended Mounting Height	3 – 5 m			
Protection Rating	IP66			
Impact Resistance	IK08			

Dimensions Drawing



Photometric Diagrams



Mounting Options-Accessories



Energy saving
with remote
control system



Network for smart
intelligent system



Remote Control



METIS SOLAR Series

Elegant Solar Poles for Landscape and Ambient Lighting



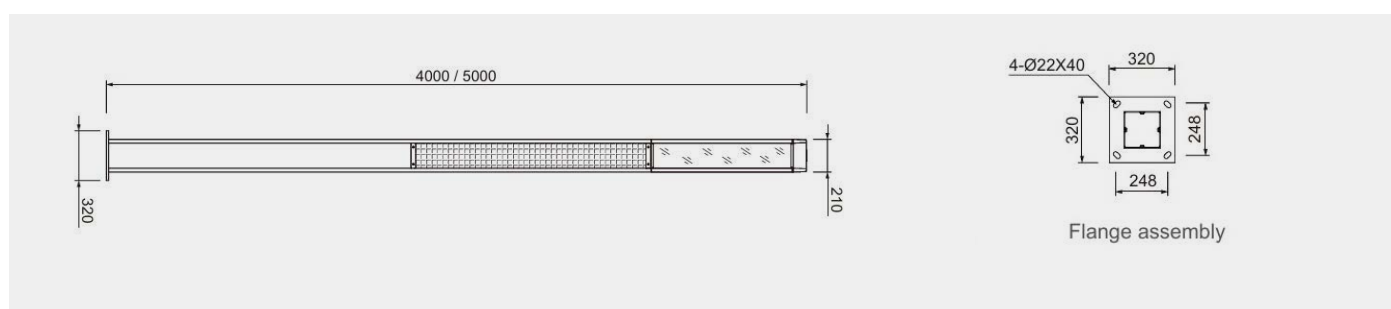
METIS SOLAR is equipped with a Q355 steel pole, which is subjected to a galvanization process followed by the application of an anti-ultraviolet pure polyester powder coating, ensuring enhanced durability and superior corrosion resistance. It features an aluminium die-cast upper cover in combination with aluminium profile lamp posts, which can be customized to various heights in accordance with specific project requirements. The design incorporates a transparent polycarbonate (PC) panel and a top-mounted SMD light source, providing high visual comfort and efficient illumination performance.

The optical system is based on modular lens technology, offering multiple light distribution options to accommodate diverse application needs. METIS SOLAR complies with EN 62471:2008 standards, ensuring the absence of photobiological risks, including hazards associated with infrared, blue light, and ultraviolet radiation. It is powered by a LiFePO4 battery, widely utilized in electric bus applications, delivering efficient, safe, and long-lasting energy storage.

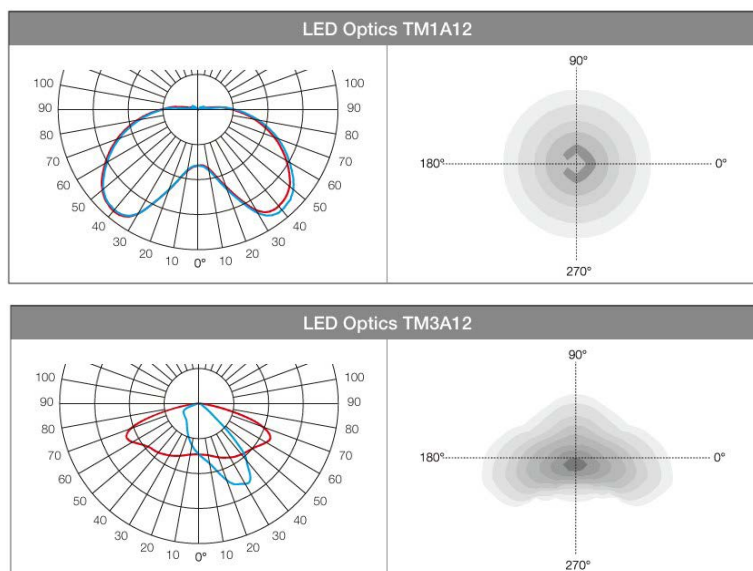
The surface treatment further includes an anti-ultraviolet pure polyester powder coating, achieving corrosion resistance exceeding 1000 hours. METIS SOLAR is supplied in an integrated package to facilitate convenient transportation, while all external fasteners are manufactured from 304 stainless steel, ensuring long-term durability and resistance to environmental conditions.

Model No	METIS 30 - GENERAL	METIS 40 - GENERAL	METIS 30 - ADVANCE	METIS 40 - ADVANCE
LED Chips	5050 x 24 pcs	5050 x 24 pcs	5050 x 24 pcs	5050 x 24 pcs
LED Power	30W	40W	30W	40W
Solar Panel	160W	160W	160W	160W
Battery LiFePO4	384WH / 12.8V 30Ah	538WH / 12.8V 42Ah	384WH / 12.8V 30Ah	538WH / 12.8V 42Ah
Luminous Flux	4,500 lm	6,000 lm	4,500 lm	6,000 lm
MPPT	Waterproof MPPT control cons ant current integrated machine			
Autonomy	2 days - Working Mode:4h-100%, 2h-50%, 5h-30%		2 days - Working Mode:2h-100%, 2h-50%, 7h-20%	
Control Mode	Remote control Unit			
“Recommended Mounting Height”	3 – 5 m			
Protection Rating	IP 6			
Impact Resistance	IK 8			

Dimensions Drawing



Photometric Diagrams



Mounting Options-Accessories



Energy saving
with remote
control system



Network for smart
intelligent system



Remote Control



NYSA SOLAR Series

Advanced All-in-One Solar Systems for Outdoor Lighting



NYSA SOLAR has a die-casting aluminum body and tempered glass, ensuring durability and high light transmission. It is equipped with optics using a PC lens that provide high visual comfort and uniform lighting distribution, along with high-quality LED chips for reliable performance. The design supports both top and side fixing, with an adjustable angle and compatibility with installation tube diameters of Ø60–Ø76 mm. It complies with EN 62471:2008 standards, ensuring no photobiological risk, including no hazards related to infrared, blue light, or UV radiation.

NYSA SOLAR is powered by a LiFePO₄ battery, commonly used in electric buses, offering efficient and long-lasting energy storage. Its surface is treated with anti-ultraviolet pure polyester powder coating, providing corrosion resistance of more than 1000 hours. NYSA SOLAR comes in an integrated package for convenient transportation, and all external screws are made of 304 stainless steel to ensure long-term durability and resistance to environmental conditions.



IK 08

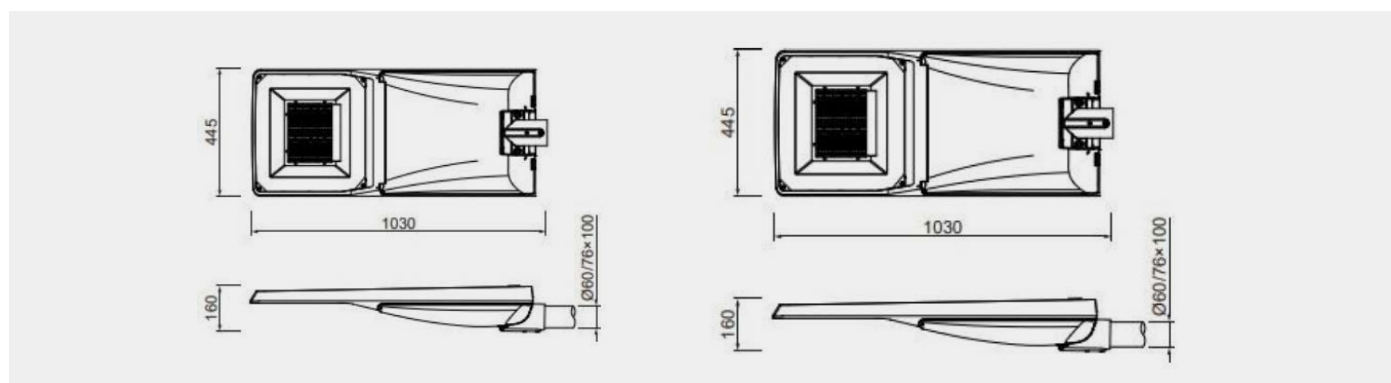
IP66



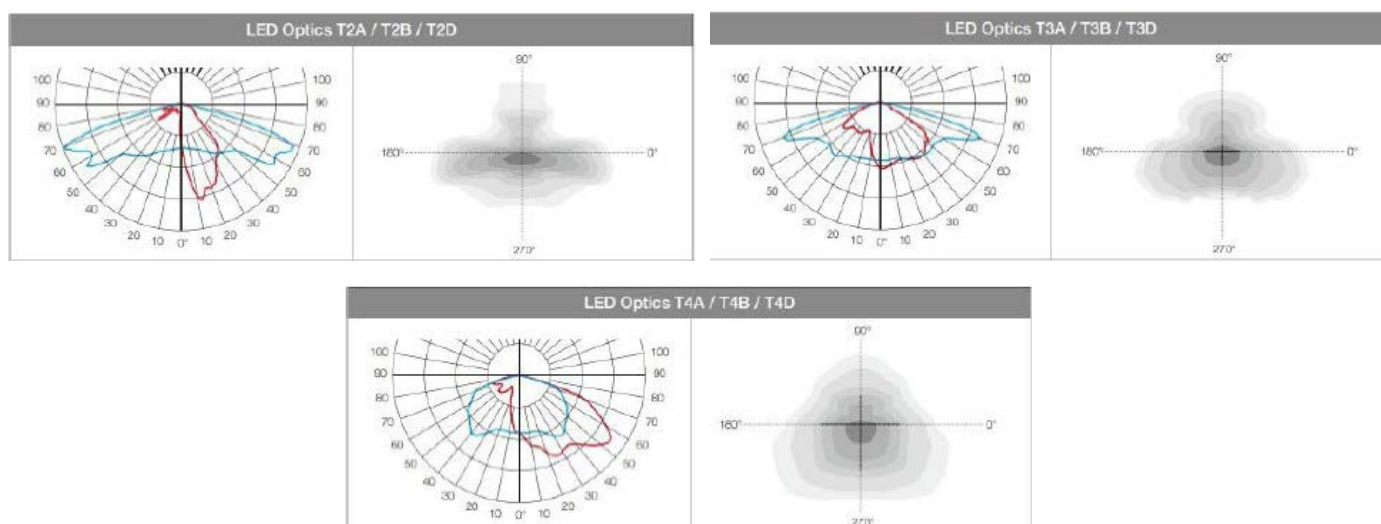
*Under Certification

Model No	NYSA SOLAR-030 BASIC	NYSA SOLAR-050C BASIC	NYSA SOLAR-030 GENERAL	NYSA SOLAR-050 GENERAL	NYSA SOLAR-030 ADVANCED	NYSA SOLAR-050 ADVANCED
LED Chips	3030 x 126 pcs	3030 x 168 pcs	3030 x 126 pcs	3030 x 168 pcs	3030 x 126 pcs	3030 x 168 pcs
LED Power	30 W	50 W	30 W	50 W	30 W	50 W
Solar Panel	45 W	75 W	45 W	75 W	45 W	75 W
Battery LiFePO4	~230WH / 12.8V	384WH / 12.8V	461WH / 12.8V	692WH / 12.8V	538WH / 12.8V	922WH / 12.8V
	18Ah	30Ah	36Ah	54Ah	42Ah	72Ah
MPPT	Waterproof MPPT control constant current integrated machine					
Luminous Flux	5,400 lm	9,000 lm	5,400 lm	9,000 lm	5,400 lm	9,000 lm
Control Mode	Remote Control Unit / Motion Sensor					
Autonomy	1 day (or 2 days with sensor) Working Mode: 3h-100%, 2h-60%, 7h-40%		2 days Working Mode: 2h-100%, 2h-60%, 7h-40%		3 days Working Mode: 2h-100%, 2h-60%, 7h-40%	
Recommended Mounting Height	6 – 8 m					
Protection Rating	IP66					
Impact Resistance	IK08	IK08	IK08	IK08	IK08	IK08

Dimensions Drawing



Photometric Diagrams



Mounting Options-Accessories



Energy saving with remote control system



Network for smart intelligent system



Remote Control

Conformity / Certification

Sirecled's product families follow and comply with all relative **European & International Norms and Directives** applied in lighting



EN 60598-1_Luminaires – Part 1: General requirements and tests

EN 60598-2-3 _ Luminaires – Part 2-3: Particular requirements – Luminaires for road and street lighting

EN 62262_Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)

EN 62031_LED modules for general lighting – Safety specifications

EN 62471_Photobiological safety of lamps and lamp systems

EN 62778_Assessment of blue light hazard of light sources and luminaires

EN 61547_Equipment for general lighting purposes – EMC immunity requirements

EN 55015_Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment

EN 61000-3-2_Electromagnetic compatibility (EMC) – Part 3-2: Limits – Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)

EN 61000-3-3_Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection

EN 61000-4_Electromagnetic Compatibility Testing And Measurement Package

EN 62722-1_Luminaire performance – Part 1: General requirements

EN 62722-2-1_Luminaire Performance – Part 2-1: Particular Requirements – LED Luminaires

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