





ARIA SERIES LED

Street Light

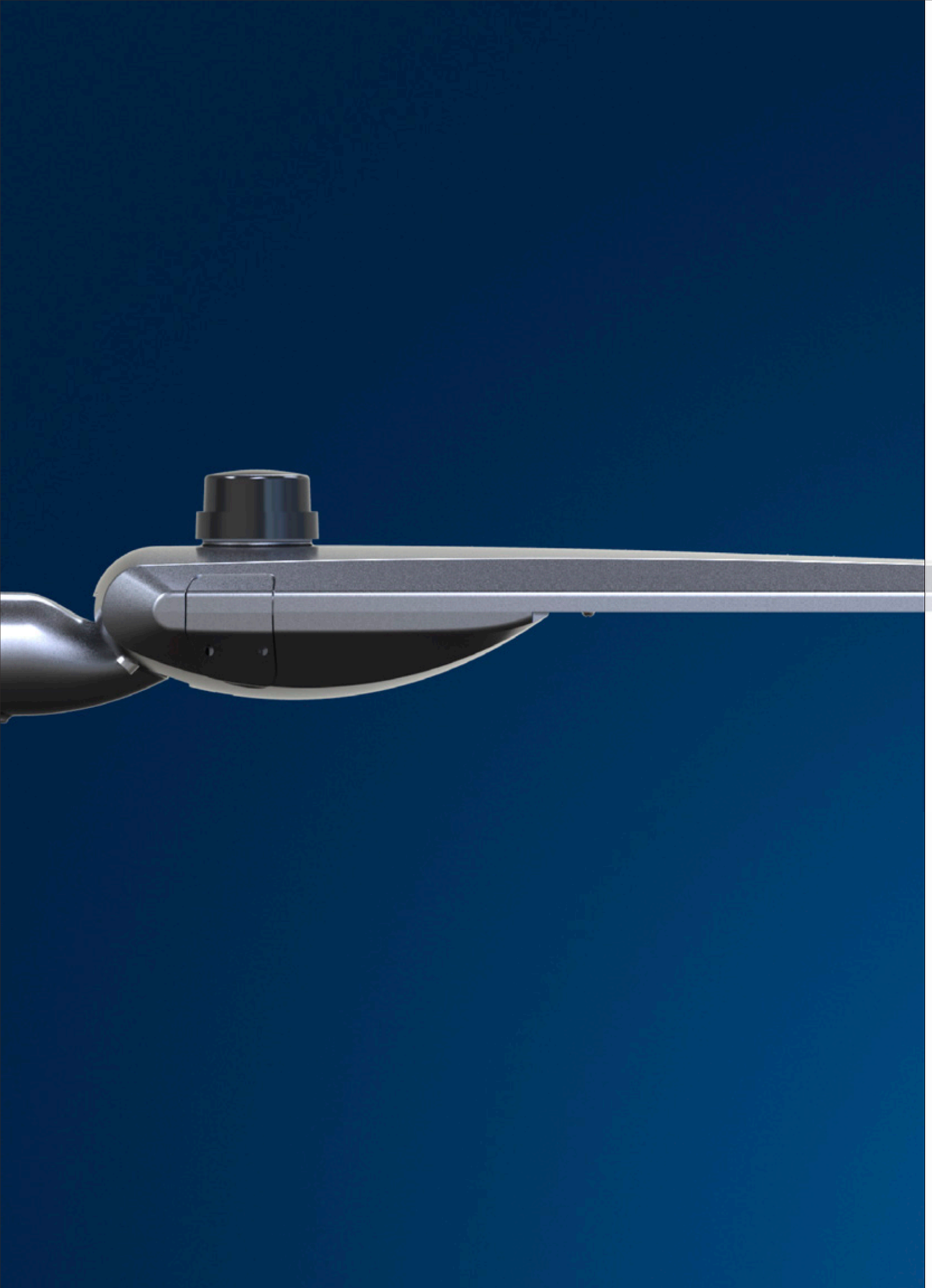
E-LITE semicon

BUILT TO LAST

A top-quality streetlight fixture built to withstand all conditions,
and to cope with physical impact and vibration.

One-piece die-cast aluminum housing with integral mounting for strength and durability.

Truly future-proof solution brings the benefits of connected lighting systems today,
and also the city ready for the innovations to come.



FEATURES

Modern slim and sleek looking cobra head design.
Robust and corrosion resistant one-piece die-cast aluminum housing.
Multiple choice of optical lenses.
Tool-free Access for easy installation and maintenance.
IP66/IP67 Water and Dust Proof.
3G Vibration & IK09 Impact resistance.
5-10 years warranty with up to 100,000 hours long life.

APPLICATIONS


Roads & Motorways


Urban & Residential Streets


Bike & Pedestrian Paths


Squares & Pedestrian Areas


Bridges


Large Areas


Railway Station & Metros


Car Parks

PERFORMANCE

	10W~240W
	125lm/W~135lm/W
LEDS	Philips Lumileds
	AC 100~277V / AC 200~480 V
PF	0.95 min
	Sosen / Inventronics
CRI	⩾70
CCT	4500~5500K（2500~5500K optional）
100K	L70>100，000hours
IES	70x140° / 70x150° / 95x150° / 85x155°
	IP66 / IP67
IK	IK09
	3G Vibration
	Operating Temperature:-45°C to +45°C (-49°F to 113°F) Storing Temperature:-45°C to +80°C (-49°F to 176°F)

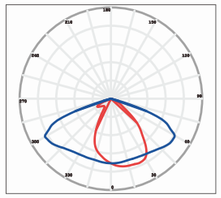
CE RoHS

SPECIFICATIONS

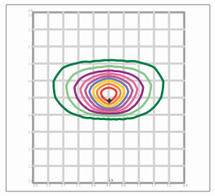
Part#	Power	LEDs Qty	Lens Qty	Efficacy (IES)	Total Lumens	Product Dimension
EL-STAA-30	10W	16	2	135lm/w	1,450lm	520×200×100mm 20.4x7.8x3.9in
	20W	24	2	131lm/w	2,620lm	
	30W	32	4	127lm/w	3,930lm	
EL-STAA-60	40W	48	4	131lm/w	52,40lm	
	50W	64	4	132 lm/w	65,00lm	
	60W	64	4	127lm/w	78,60lm	
EL-STAA-90	70W	72	6	126lm/w	88,20lm	620×272×108mm 24.4x10.7x4.2in
	80W	96	6	130lm/w	10,400lm	
	90W	96	6	127lm/w	11,430lm	
EL-STAA-120	100W	96	12	126lm/w	12,600lm	720×271×108mm 28.3x10.6x4.2in
	110W	120	12	130lm/w	14,300lm	
	120W	144	12	135lm/w	16,200lm	
EL-STAA-150	130W	144	12	130lm/w	16,900lm	
	140W	144	12	127lm/w	17,780lm	
	150W	168	12	130lm/w	19,500lm	
EL-STAA-200	160W	168	14	130lm/w	20,800lm	750×333×115mm 29.5x13.1x4.5in
	170W	192	16	130lm/w	22,100lm	
	180W	192	16	127lm/w	22,860lm	
	190W	192	16	125lm/w	24,700lm	
	200W	240	15	130 lm/w	27,200lm	
EL-STAA-240	220W	240	20	130lm/w	28,600lm	850×333×115mm 33.4x13.1x4.5in
	240W	280	24	134lm/w	32,160lm	

PHOTOMETRICS

70x140° (TYPE Ⅱ-S)

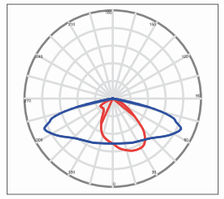


0.0~180.0
90.0~270.0

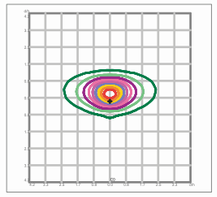


Mount Height(m): 6

70x150° (TYPE Ⅱ-M)

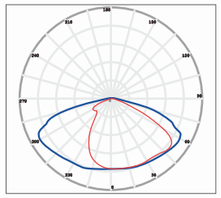


0.0~180.0
90.0~270.0

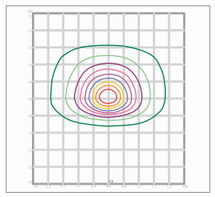


Mount Height(m): 8

95x150° (TYPE Ⅱ-S)

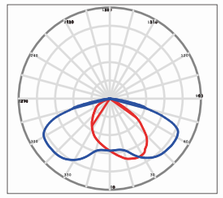


0.0~180.0
90.0~270.0

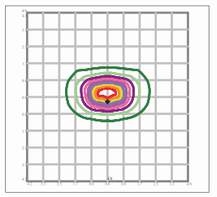


Mount Height(m): 6

85x155° (TYPE Ⅱ-M)



0.0~180.0
90.0~270.0



Mount Height(m): 6

A FUTURE PROOF SOLUTION

Smart City

iNET™ Intelligent Lighting Monitor & Control System is a cloud based wireless smart system designated for lighting management.

With gateways + control node., iNET™ System monitors lights performance status, collects operation data, controls lights on/off or dimming, and sends alarm in case of fault detected.

System & Hardwares

Automatic Light On/Off & Dimming Control
- By time setting
- On/off or dimming with motion sensor detection
- On/off or dimming with photocell detection

Accurate Operation & Fault Monitor
- Real-time monitor on each light working status
- Accurate report on fault dectected
- Provide location of fault, no patrol required
- Collect each light operation data, such as voltage, current, power consumption

Extra I/O Ports for Sensor Expandability
- Environment Monitor
- Traffic Monitor
- Security Surveillance
- Seismic Activities Monitor

Reliable Mesh Network
- Self proprietary wireless control node
- Reliable node to node, gateway to node communication
- Up to 1000 nodes per network
- Max. network diameter 2000m

Easy-to-use Platform
- Easy monitor on each and all lights status
- Support lighting policy remote set-up
- Cloud server accessible from computer or hand held device

INSTALLATION

For high performance and long term reliability, the light should be installed in free air.

Slip Fitter Mount

1. Unlock the screws,adjust the angle of slip fitter.
2. Feed the power cord through the pole and make wiring.
3. Slide the fixture onto the pole,lock the screws.

Tempered Glass Cover

Front of Clips

NEMA Sensor

Back of Clips

Driver Box

Bubble Level

ELECTRICS

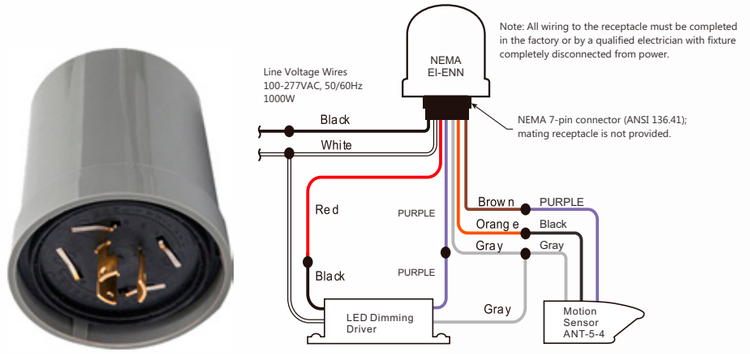
Field Adjustable Output Module

The Field Adjustable Output Module is a factory-installed voltage regulating device that is connected to the gray (-) and violet (+) 0-10V dimming leads of the LED driver.

Manually dialing the switch allows the fixture to be dimmed in the field.

Future Ready NEMA/Zhaga Connection

Ready NEMA or Zhaga socket to enable further control of streetlight from simple photocell to smart city controller node.



ORDERING INFORMATION

E-LITE semicon