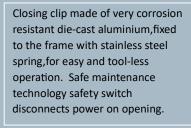
STREET LIGHTING FOR TOMORROW





Electrical connection CLASS | |:
Neutral /Phase are connected to
safety switch; for Class | earth
wire to be connected on earth
stud in housing. 1-10V or DALI
incoming wiring is connected to
a separate termination block.

Gear tray made in high thermal and mechanical resistance steel or thermoplastic material (30% fibreglass), tool free removable after disconnecting the plug.

Flat toughened glass to prevent upward light. Fixed to the frame with screws for easy replaceabilty. Very high light transmission to optimise the light output ratio.

Housing is made of very corrosion resistant die-cast aluminum. Polyester powder coated painting after chemical washing treatment.

> OSRAM or INVENTRONICS driver, optional programmable, 1-10V or DALI. SPD and EMI as per request.

Gasket IP66 for complete luminaire.

Fall protection

Cable connection M20 cable gland with strain relief, for cable ϕ 10-14mm.

Spigot made of die-cast aluminium, standard in same color as body. Universal post top / side entry spigot for ϕ 60mm.

Mounting with two stainless steel M8 bolts (extra long bolts for small column can be ordered with luminaire).

Key Advantage:

- Elegant & super- slim aesthetics
- Super luminaire efficiency
- Many kinds of optics and advanced thermal management

Level gauge

- · Tool free installation and maintenance
- Up to M1 lighting class application
- Dark sky friendly and no upward light, up to G6 glare rating
- · Flexible and intelligent drivers for smart city
- · Low wind area and drop protector
- IP66 and Ik09



OVERVIEW













TECHNICAL DATA

	VASA E	ADEL E	BARA E	
weight	12,7 kg with spigot	7,7 kg with spigot	4,5 kg with spigot	
rated power (input)	up to 180W depends on type and settings	up to 120W depends on type and settings	up to 60W depends on type and settings	
number of LEDs	36, 48 or 96 LEDs depends on type	24, 36 or 72 LEDs depends on type	24 or 48 LEDs depends on type	
assembly height	8÷15m	4÷8m	6÷15m	
power factor (PF)	φ >0,95/0,90 - full load at 230 V/half load at 230 V			
LED type	OSRAM OSLONIQ, SQUARE			
colour temperature	4000° K (optional 3000°÷6500°K)			
colour rendering index	typ. CRi >72 up to 82 depends on type			
luminar's efficiency	>124lm/W in all operations modes			
service life	100.000 hours LED and electronics			
ambient temperature	-40°C ÷ +60°C			
rated voltage	170÷264VAC, 50÷60Hz			
IP protection	IP66			
protection class	Class II, Class I			
surge protection	DM 6kV, CM 10kV optional additional SPD 10kV or 20kV			
attachment dimension	on mast or boom, 40 – 60mm (other dimensions on request)			
adjustment angle	within 180°			
warranty	10 years mechanical parts, up to 7 years electronics			
luminair colour finish	RAL7024, different colours on request			

FEATURES

AstroDIM for autonomous dimming (astro, time mode)		
MainsDIM function for dimming via reduction of line voltage amplitude		
Isolated DALI interface for bidirectional telemanagement system		
Isolated 0-10 V interface for unidirectional telemanagement systems		
Constant lumen function		
Overtemperature protection via external NTC		
Standby power consumption: < 0.2 W		
Protection through double isolation between mains input and LED output		
NEMA C136.41 or Zhaga book 18 socket		
Always-on Auxiliary Power		
full remote control functionality with command module (ISM band)		

