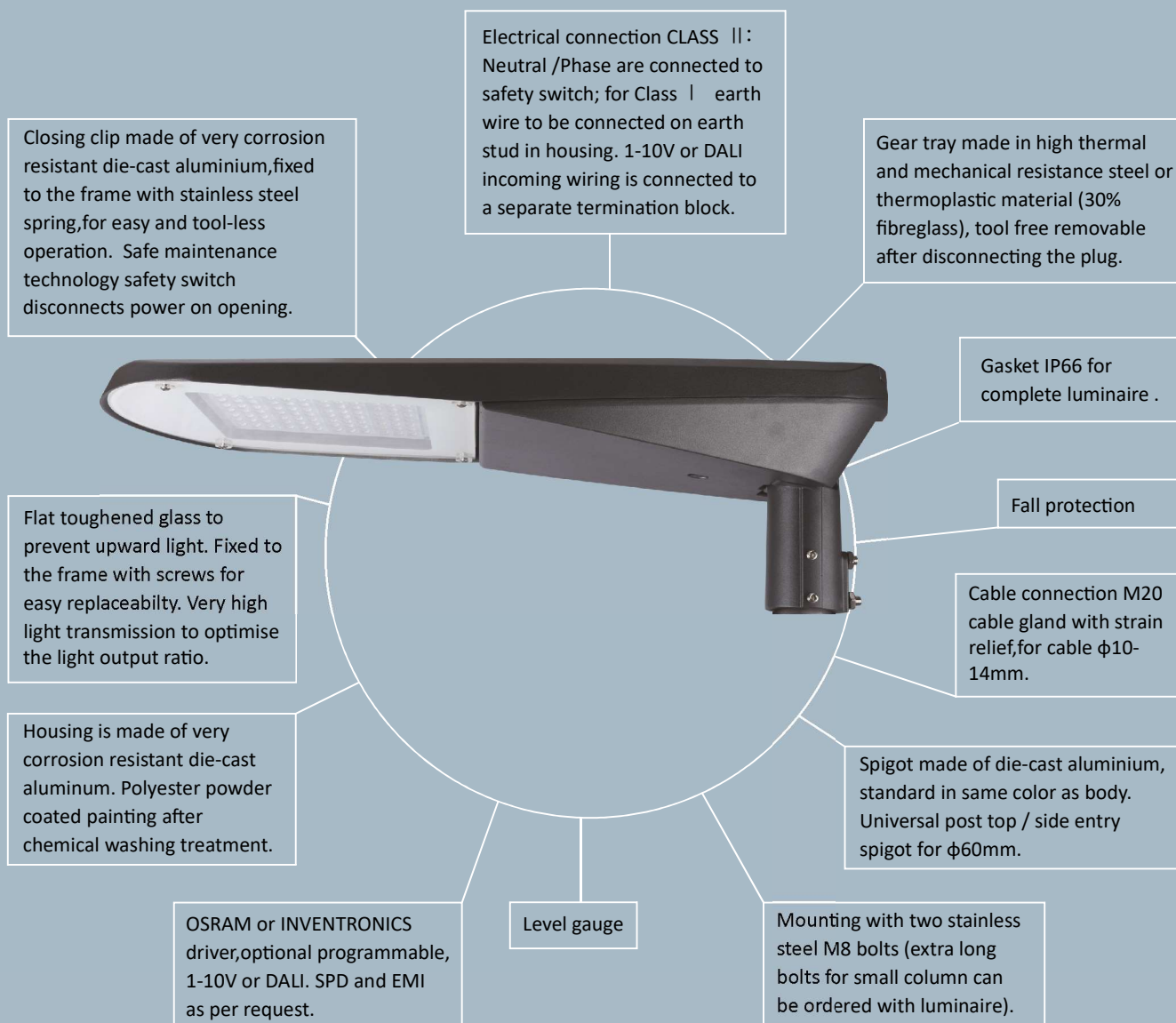


**VASA E
ADEL E
BARA E**





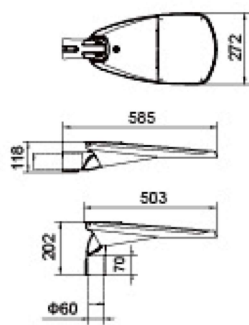
Key Advantage:

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

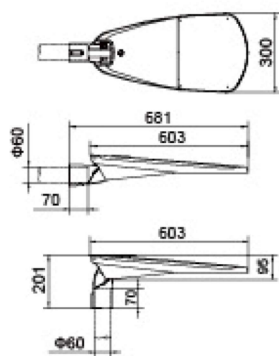


OVERVIEW

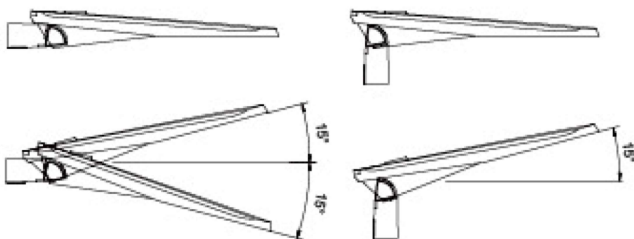
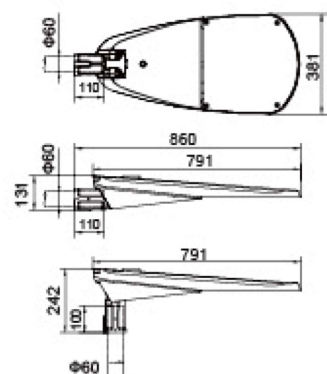
BARA S



ADEL S



VASA S



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)	$\phi > 0,95/0,90$ - 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)

