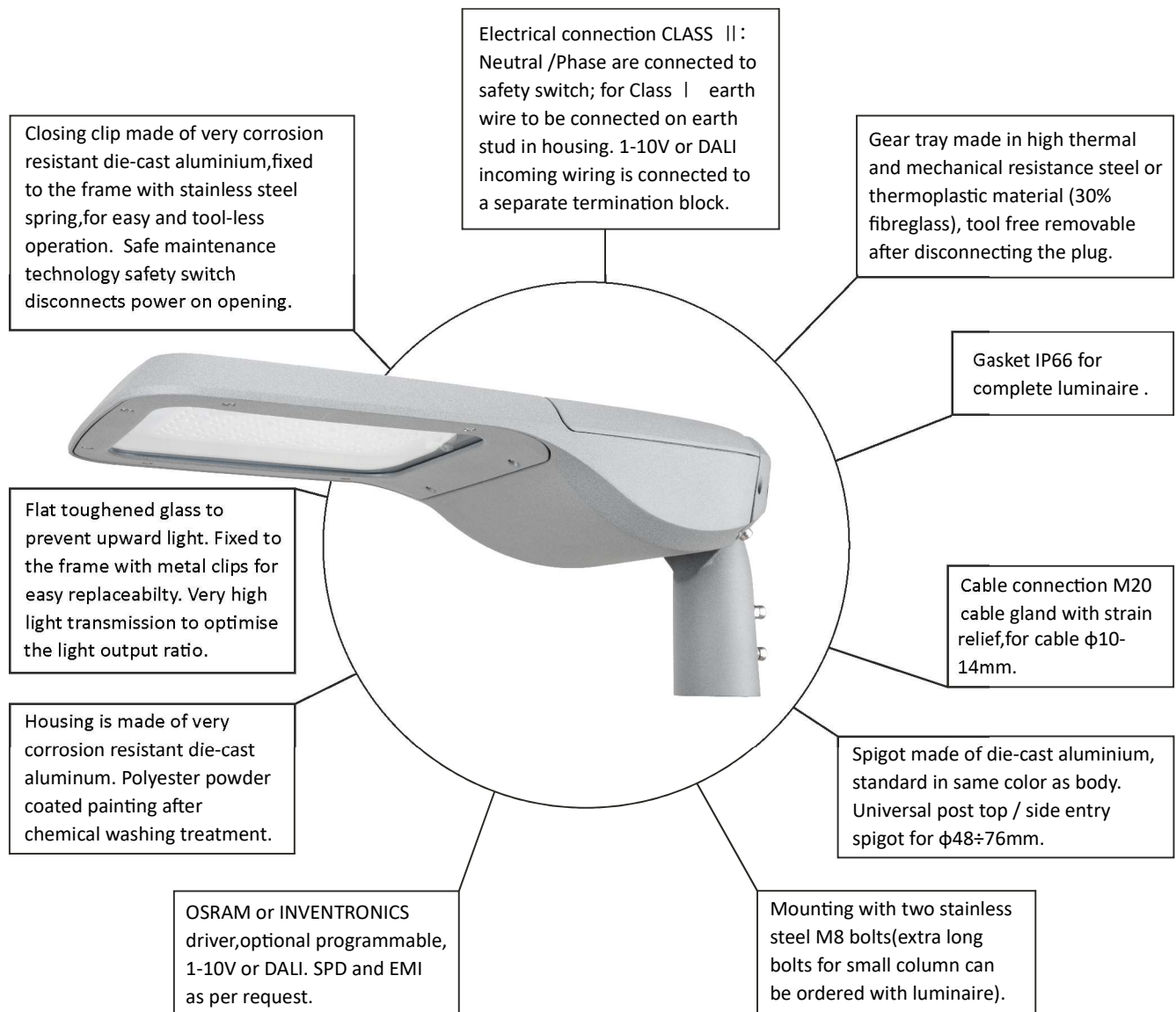


STREET LIGHTING FOR TOMORROW



VASA S
ADEL S
BARA S
ANNY S





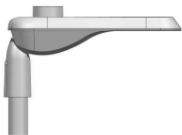
Key Advantage:

- Elegant & super- slim aesthetics
- High 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

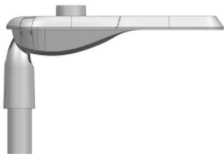


OVERVIEW

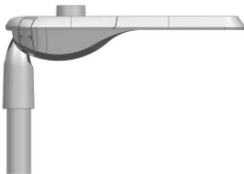
ANNY S



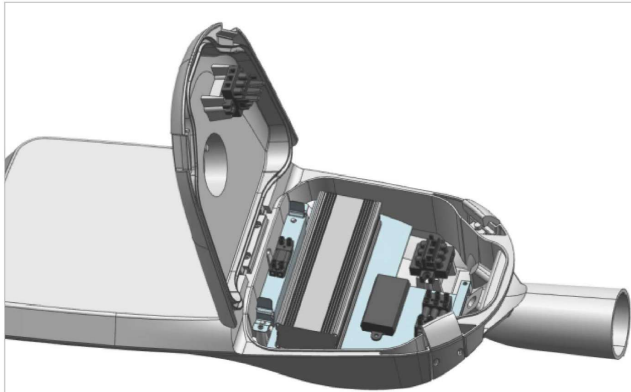
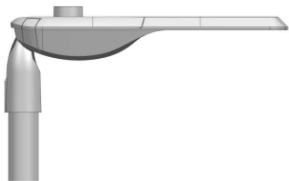
BARA S



ADEL S



VASA S



ANNY S

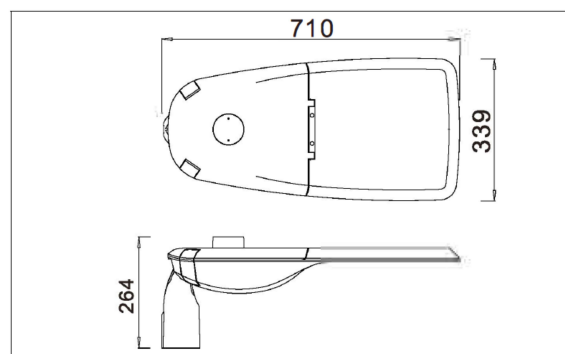
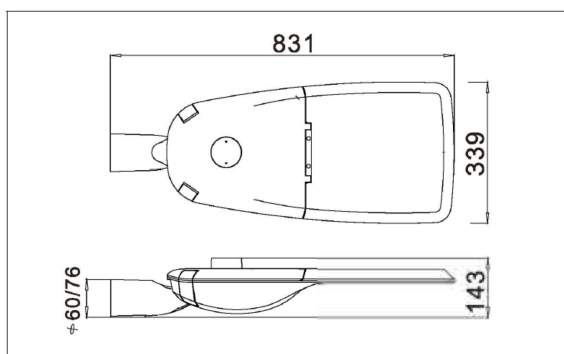
BARA S ADEL S VASA S



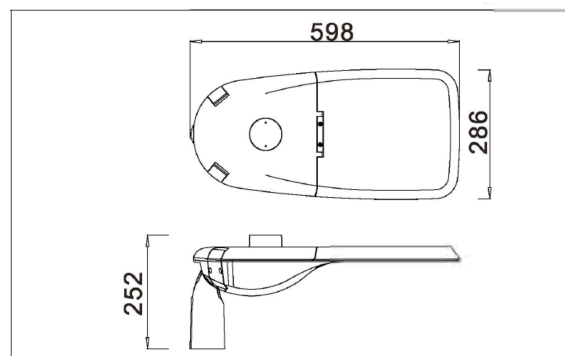
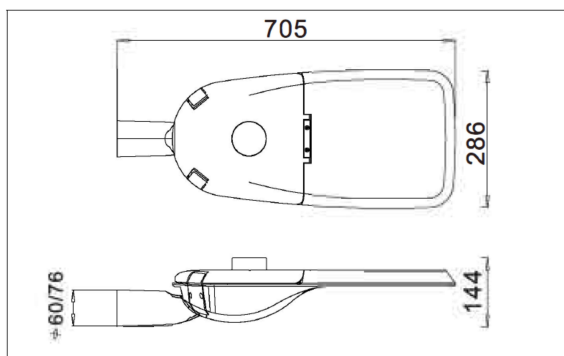
HORIZONTAL

VERTICAL

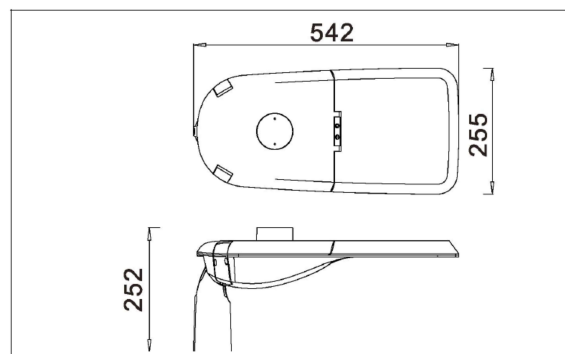
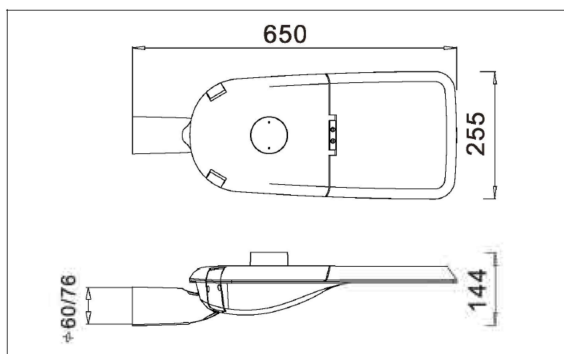
VASA S



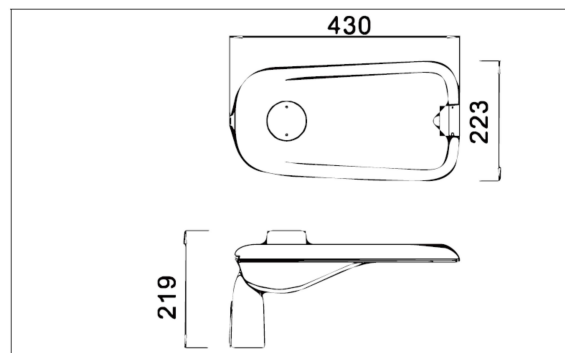
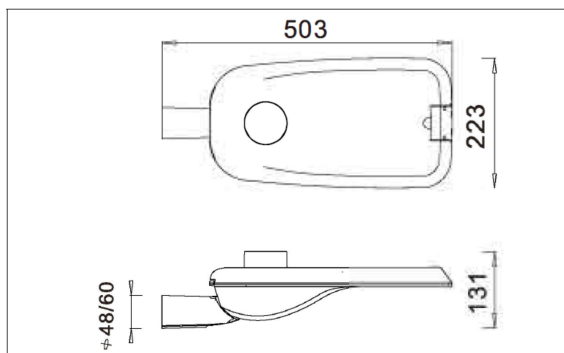
ADEL S



BARA S



ANNYS



TECHNICAL DATA

	VASA S	ADEL S	BARA S	ANNY S
weight	7,2 kg with spigot	5,4 kg with spigot	4,4 kg with spigot	2,5 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	up to 40W depends on type and settings
number of LEDs	60, 80 or 160 LEDs depends on type	32, 48 or 96 LEDs depends on type	24, 36 or 72 LEDs depends on type	16 or 32 LEDs depends on type
assembly height	8÷15m	6÷12m	4÷8m	3÷6m
power factor (PF)	$\phi > 0,95/0,90$ - full load at 230 V/half load at 230 V			
LED type	OSRAM OSLONIQ			
colour temperature	4000° K (optional 3000°÷6500°K)			
colour rendering index	typ. CRI >72 up to 82 depends on type			
luminaire'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	RAL9006 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)

