

ELSTA Grid	ELSTA I Grid	ELSTA II Grid	ELSTA III Grid
Type	Grid-connected LED-luminaire		
Application	New installation, retrofitting of inefficient street lights		
Operation control	External control		
Days of autonomy	-		
Energy supply	Grid		
Lighting technology			
Light source	12 x 3W-Power-LEDs	24 x 3W-Power-LEDs	36 x 3W-Power-LEDs
Colour temperature	6500 K		
Lamp wattage (dimnable)	4 - 40 W (max.)	4 - 80 W (max.)	4 - 120 W (max.)
Luminous flux (lumen)	1170 at 14,0 W	2200 at 28,0 W	3300 at 42,0 W
Average LED-life	> 50.000 hours		
Electronics			
Electronic control	Microcontroller		
Charging current	-		
Idle consumption	< 10 mA		
Protections	Against reverse charging and overload		
Operating voltage	230V AC / Grid		
Type of battery	-		
Battery capacity	-		
Mechanics			
Pole fitting	Standard: screw coupling for a 76 mm pole; straight or with circular curved bracket, optional: custom fitting as per order		
Lighting fixture	Aluminium enclosure and pole fitting		
Colour	Aluminium or any RAL Color		
Dimension of lighting fixture in mm	630x150x60	930x150x60	1230x150x60
Weight	5,8 kg	7,6 kg	9,4 kg
Mounting			
Pole dimension	Customer-specific		
Pole material	Aluminium, stainless steel or as per customer demand		