

LED Street Ultimate 100W



Characteristics

- Easy and quick installation
- High light efficiency, low energy consumption High luminous efficiency of >170 lm/W
- They are light-emitting diodes, so they do not have filaments or burn out quickly (they have incredibly long lives)
- EU made product

Typical application

Street lighting
 Areal lighting
 Car parks
 Railway stations & Metros

Electrical characteristics

Supply voltage range	100-277V
Rated Power	100W
Frequency	50/60 Hz
Power factor	>0.95
Control Protocol(s)	1-10V, Photocell (optional)
LED driver	Constant current (CC)
Socket	Zhaga (optional) NEMA 3/5/7-pin (optional)

Protection

Ingress protection	IP66/ IP 67
IK Rating	IK 10
Safety class	Class I
Surge protection	L-N:10KV: L/N-GND:10KV (optional)
Recommended usage	Electrostart SPD 10/20kV
for countries with lots of lightning/thundering	

Body characteristics

Body material	Die-casting aluminum alloy
Color	RAL 7040
Optic material	Polycarbonate (PC)
Protector	Glass
Mounting hole diameter	60/70 mm
Angle of movement	168°-192°

Lighting characteristics

Efficiency	170 lm/W
Luminous flux	17 000 Lm
Color rendering index (CRI)	>70, >80 on request
Color temperature (CCT)	3000K/4000K/5000K/6500K
LEDs	LED SMD3030
Beam angle lens options	T2-65°x145° – 44°x155° T3-70°x150° – 80°x150° T4-85°x160° – 80°x160°

Warranty conditions

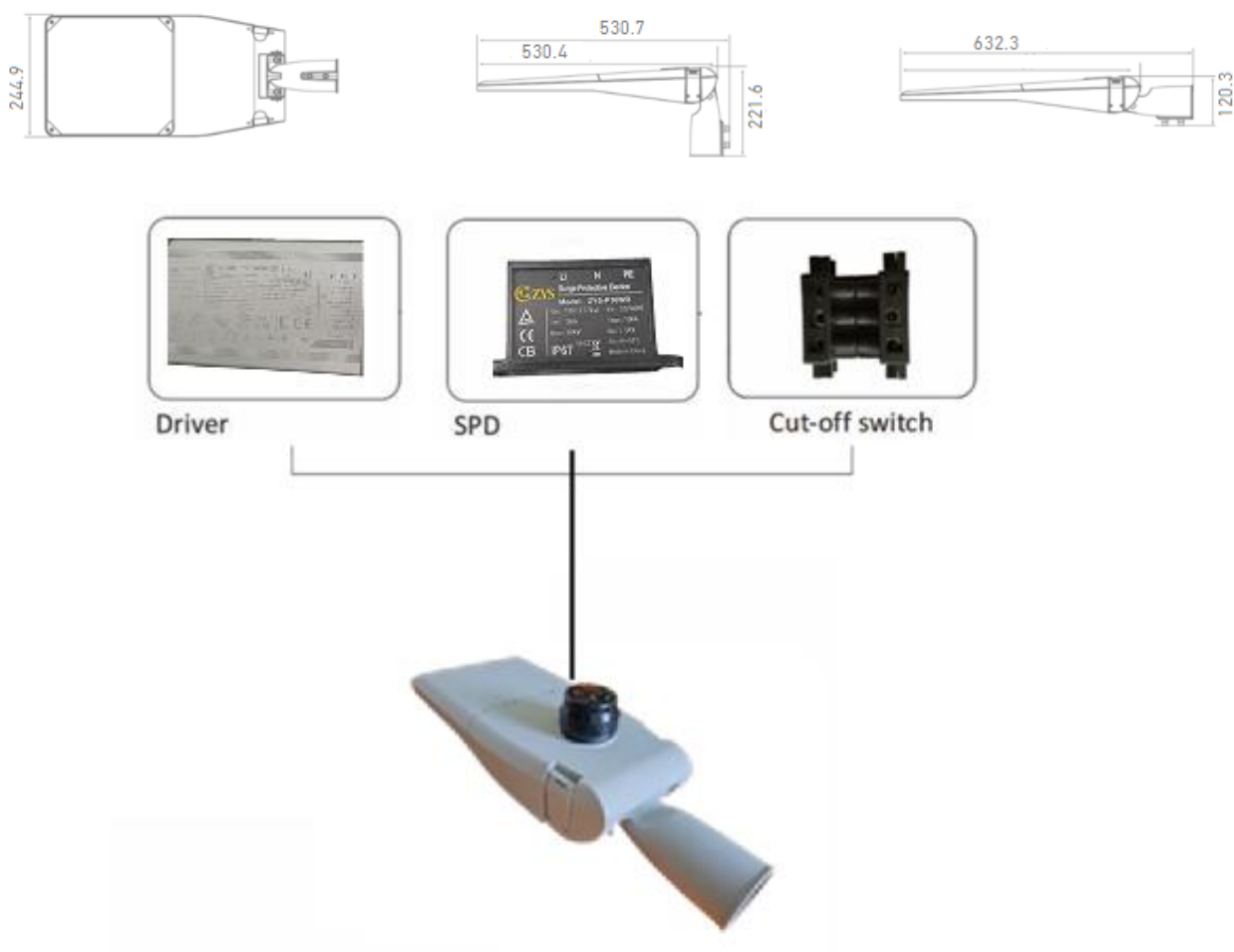
Lifespan of the LEDs @ Ta 25°	L70B10 -> 100 000h L80B10 -> 50 000h L90B10 -> 30 000h 5 Y/7 Y (optional)
Warranty	
Operating temperature	-35 ~ 50°C
Storage temperature	-20 ~ 60°C

Standards

Harmonics	EN 61000-3-2 Class C <20%
EMC Immunity	EN 61547
Conducted Emission Test	EN 55015
Luminaires	EN 60598-1
LED Luminaire performance	EN 62722-2-1
Photobiological safety	EN 62471

Schemes and Accessories - (142mm with controller).

100W



Lighting Curve

