

## LED Street Ultimate

### Application

LED Street Ultimate lighting fixture is suitable for:

- > urban and residential streets
- > bridges
- > car parks
- > areal lighting



### Advantages:

- Easy and quick installation
- High light efficiency, low energy consumption High luminous efficiency of >150 lm/W
- They are light-emitting diodes, so they do not have filaments or burn out quickly (they have incredibly long lives)
- Built-in level for LED Street Balance
- EU made product
- Quality in accordance to all EU standards and directives

### ADVANTAGES OF ELECTROSTART

- EU Based Company
- Long experience in the field of Lighting and components
- Experience with customers in more than 40 countries
- Excellent Customer Service
- Projects based on Customer needs
- Products manufactured in EU
- Warranty on most products 5 Years

### Electrical characteristics

Supply voltage	90-305VAC
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)

### Lighting characteristics

Efficiency	up to 160 lm/W
Energy efficiency class	B
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°

### Protection

Ingress protection	IP 66
IK Rating	IK 08
Safety class	Class I
Surge protection	L-N:10KV; L/N-GND:10KV (optional)
Recommended usage for countries with lots of lightning/thundering	Electrostart SPD 10/20kV

### 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°

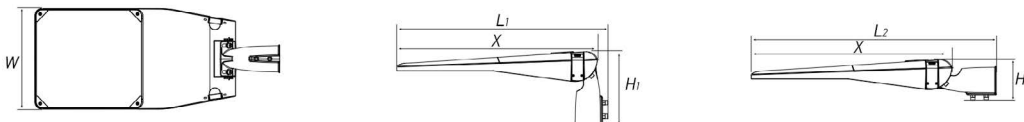
### Warranty conditions

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

### Standards

Harmonics (THD)	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 & Dimensions



Rated Power	W,mm	L <sub>1</sub> ,mm	H <sub>1</sub> ,mm	L <sub>2</sub> ,mm	H <sub>2</sub> ,mm	X
20W, 30W, 40W	208.8	387.5	237.7	506.9	102	362.4
50W, 60W, 70W	208.8	457	237.7	575.8	118.9	432
80W, 100W	244.9	530.7	221.6	632.3	120.3	530.3
150W	244.9	581.2	221.6	682.3	120.3	553.3
200W	298.9	631.1	221.6	732.3	120.3	603.3
240W	298.9	631.1	221.6	732.3	120.3	603.3