



Energetic Lighting's E1ST series LED street lights offer an ideal solution to replace the many inefficient road lights in use today. LEDs are capped by precision molded optical elements to provide an evenly diffused and controlled light profile ensuring safe driving environment for the road below, with several NEMA beam patterns available. With total outputs up to 19,670 lumens while only operating at 50W to 150W significantly reduces energy usage. The outer heavy duty sand-cast aluminum housing provides efficient heat management as well as weight reduction and aerodynamic profiling. These street lights will provide worry-free reliable operation for many years.

### Features

- Fully sealed assembly
- No UV or IR radiation
- Updated and efficient design
- Suitable for wet location use
- Mounting adapters available
- Available "Dusk to Dawn" sensor

### Applications

- Roadways
- Commercial locations
- Outdoor overhead

### Specification

Order Number	85010	85006	85007
Model Number	E1STA50L-750	E1ST3A150L-750	E1ST3AH150L-750
Beam Angle			
Optical Distribution	Type 2	Type 3	Type 3
Lumen Output	6370 LM	17659 LM	17659 LM
Luminous Efficacy	127 LM/W	122 LM/W	122 LM/W
Input Power	50 W	145 W	145 W
Equivalent Wattage		400	400
Input Voltage	120-277 Vac	120-277 Vac	480 Vac
Power Factor	0.9	0.9	0.9
THD	0.15	0.15	0.15
Color Temp (CCT)	5000 K	5000 K	5000 K
Color Rend (CRI)	70	70	70
Lifetime Rating	50000 hours	50000 hours	50000 hours
Warranty	5 Years	5 Years	5 Years
Dimmability	No	No	No
Operating Temp	-40 to 104 (°F)	-40 to 104 (°F)	-40 to 104 (°F)
Environment	Wet Location	Wet Location	Wet Location
DLC		DLC Premium	DLC Premium
Safety Cert	UL	UL	UL
Weight	9.5 LBS	12.5 LBS	12.5 LBS
Dimensions	21.3"x11.0"x4.6"	33.7"x12.4"x4.6"	33.7"x12.4"x4.6"
Configuration	with Photocell	with Photocell	with Photocell
Body Color/Finish	Silver/gray	Silver/gray	Silver/gray