

SEDNA[®]

l i g h t i n g



ELITE™ Series - LED Lamp Post Lighting - Side Entry

Perhaps the most exciting use of LED technology is in post-top, with major benefits including energy efficiency hence savings on running cost & reduced CO2 emissions, long lamp life and reduced maintenance, controllability and reduced ecological impact. Hence our ELITE™ series brings innovative & precision engineering, delivering outstanding results across a number of design considerations; aesthetics, durability and performance. An integrated Meanwell™ power supply housed by a diecast aluminium casing which acts as its employing conductive cooling techniques to dissipate heat from a series of 1W Epistar LED components, thus extending luminaire life to an outstanding 70,000 hours. 2mm toughened PMMA optics ensures high performance asymmetric light distribution with the highest efficiency, whilst maintaining robust construction. Further benefits include, adjustable mount around 6° for maximum control of light positioning, reducing light spillage thus minimised disturbance to bats & other wildlife due to the lack of UV & improved control reducing & high light output even in cold temperatures. Optional photocell if required for independent (-PCL). Suitable for Ø60/67mm post fitting with a varied mount height from 6 - 16m. Range of columns & brackets available.

Product information

Durable with rated life span of +70,000 hours / No UV or IR emissions / Instant Illumination & Flicker free / CE & RoHS international standards / Environmentally friendly & part recyclable: no mercury or other hazardous materials used / Heavy duty diecast 6063 aluminum housing & 3mm toughened PMMA optics / Complies with EN60598

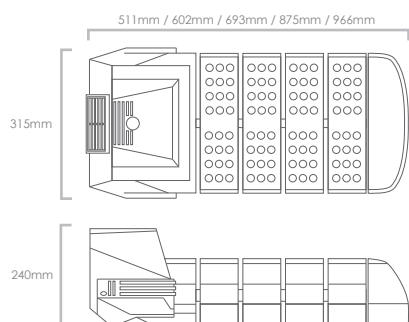
Code	Nominal Size	Lumen Output	Power Consumption	Mount Height	Equivalent
SDSL-EL060	511mm x 315mm x 240mm	5000-6200lm	60W	6 - 9m	70W MHN
SDSL-EL090	602mm x 315mm x 240mm	8000 - 9500lm	90W	7 - 10m	100W SON
SDSL-EL120	693mm x 315mm x 240mm	10,000 - 12,000lm	120W	10 - 12m	250W SON
SDSL-EL190	875mm x 315mm x 240mm	18,000 - 19,000lm	190W	10 - 14m	250W MHL
SDSL-EL220	966mm x 315mm x 240mm	21,000 - 22,000lm	220W	12 - 16m	400W SON

Available in the following lumen finishes:



Cool White

Other colours are available on request



Technical Specifications

Beam Angle: 70° x 150°

Luminous Efficacy: up to 105lm/W

Input Voltage: 100-280V AC

High Colour Rendering Index: >80Ra

Mounting Bracket: Ø60mm side-entry post

Power Factor: ≥0.96

LED Type: Epistar High Power 1 Watt LEDs

Operating Temperature: -20°C to 50°C

Colour Temperature: CW 6500-7000K

LED ELITE™ Series

Street Light

Cool White