

LS-LED701B Post-top street Luminaire



The Panhead Series post-top offers high-quality lighting, creating a safe and pleasant visual experience from column/post mounting at 3-10m high, suited to general open areas such as pedestrian areas, car parks and low-to-medium traffic urban applications. The minimalist and modern design provides an aesthetic continuity while generating massive energy savings.

With a high tightness level and a very high degree of impact resistance, this luminaire is built to withstand harsh environmental conditions and vandalism to perform over time. High-pressure die cast aluminium housing finished with 5mm tempered prismatic glass, the Panhead luminaire gives all round uniform illumination while remains dark sky friendly, capable for reaching 20-30lux from typical 6-8m installations. The luminaire ensures photometric performance and visual comfort to offer safety and well-being in the public space. Furthermore, the luminaire is compatible with standard external mains photocells for dusk-fill-dawn control.

The unit is complete with base mount suitable for 76mm post top entry hence universally compatible. Additional benefits include 140m/W efficacy, +100,000 hour maintenance free performance, no-tools/quick release access to internal gear tray for maintenance, and the hinge mechanism further secured with stainless steel safety strap.



Standard 3/7 pin NEMA available or Zhaga sockets on request



Standard color in Silvergray, Corten Brown, Dark Gray, Matte white, Pine Green, Matte black highly resistant to rust and decay



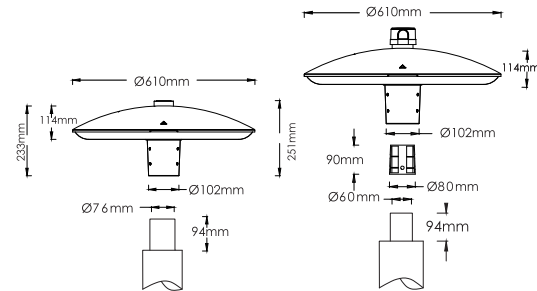
Suitable for Ø60 & Ø76mm column entry

Product information

Durable with rated life span L70>100,000 hours / No UV or IR emissions / Instant Illumination & flicker free / CE, UKCA & RoHS international standards / Environmentally friendly & part recyclable: no mercury or other hazardous materials used / Heavy duty die-cast aluminium housing & 5mm prismatic tempered glass / Available in DALI or 1-10V dimmable and PLC control systems / Complies with EN60598

Code	Nominal Size	Power Consumption	Lumen Output	Nett Weight	Windage
LS-LED701B-050	Ø610mm x 235mm	50W	7,000/5,600/4,200lm	10.7kg	0.066m²
LS-LED701B-100	Ø610mm x 235mm	100W	14,000/11,200/8,400lm	10.7kg	0.066m²
LS-LED701B-150	Ø610mm x 235mm	150W	21,000/16,800/12,600lm	10.7kg	0.066m²
LS-LED701B-200	Ø610mm x 235mm	200W	28,000/22,400/16,800lm	10.7kg	0.066m²

Dimensions and mounting



Post-Top on a Ø60mm & Ø76mm with 94mm long spigot - 8 x M8 screws

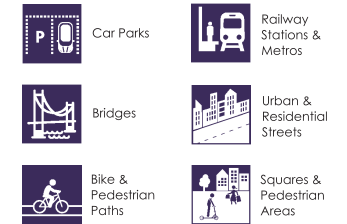
LS-LED701B Post-top c/w Standard NEMA Socket

LS-LED701B Post-top c/w Dusk-to-Dawn Photocell Sensor

Technical Specification

Beam Angle: TypeV
 Luminous Efficacy: 140lm/W
 Input Voltage: 100-277VAC
 Color Rendering Index: ≥80Ra
 LED Type: LM80 3030LEDs
 Operating Temperature: -20°C to 50°C
 Power Factor: ≥0.95
 Mounting Height: 3-10m
 Color Temperature: Neutral White 4000K
 (Others available on request)

Applications:



Benefits -

- Safe and pleasant visual experience for effective and efficient car park lighting

Key Features -

- Tool-less/quick release access to internal gear tray for maintenance
- Dark sky friendly, no light pollution (ULOR 0%)
- Robust design for maintained performance over time
- Various dimming/control options: 3/7 pin NEMA ready or Zhaga socket on request
- High performance lighting with optimised light distributions designed for general open areas

Photometric distribution

