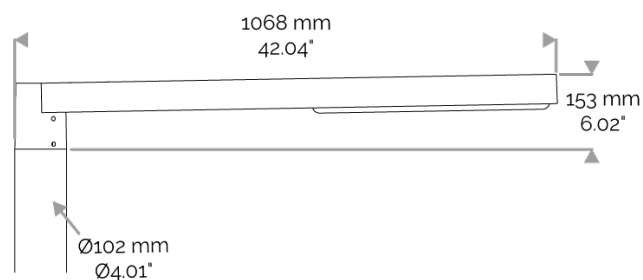


**LINEO - Pole-mounted - 3471 to 9882 lm**  
831-2055-HT LINEO LANTERN 32 LED 38W 2700K IP68 Class I



Spigot: Ø76 H80mm



# LINEO - Pole-mounted - 3471 to 9882 lm

## 831-2055-HT LINEO LANTERN 32 LED 38W 2700K IP68 Class I

### APPLICATION

LED street luminaire. Urban lighting : Roads, streets, squares, car parks. ULR = 0%.

### LIGHTING FEATURES

CR170. Single circuit or combined circuit. The direction of the LED light output is to be specified when ordering (forward throw or back throw). Cluster optics to be determined by application:

16 LED optics cluster – STREET (831-9095 : 2200K & 2700K) (831-9030 : 3000K & 4000K).

Medium width road lighting. Spacing up to 5.5 times the height of the light source, lighting to the front up to 1.2 times the height.

16 LED optics cluster – ASYMMETRIC FORWARD THROW (831-9145 : 2200K & 2700K) (831-9035 : 3000K & 4000K). Asymmetric lighting for wide roads. Spacing up to 3.5 times the height of the light source, lighting to the front up to 2 times the height.

16 LED optics cluster – PARK (831-9150 : 2200K & 2700K) (831-9040 : 3000K & 4000K). symmetrical lighting, for squares, car parks and park areas. Spacing up to 5.5 times the height of the light source.

8 LED optics cluster – WALK (831-9045). Spacing up to 4.5 times the height of the light source, lighting to the front up to 1.2 times the height.

### ELECTRICAL FEATURES

230V AC (except for the USA) mains connection. Integrated driver & 700mA power supply. Built-in 10 kV lightning and surge protection. Cable is not visible. Cable length to be specified in meters when ordering. Control to be specified when ordering (integrated DALI driver, CLO (constant light output), AstroDIM, MainsDIM, StepDIM). Maximum ambient temperature: 30°C. For the USA please consult us.

### CABLES USED

For class I (AstroDIM, StepDIM, MainsDIM): HO7RN-F 5G1,5mm<sup>2</sup> cable (blue, brown, green/yellow, grey, black).

For class I (StepDIM): HO7RN-F 4G1,5mm<sup>2</sup> cable (grey, brown, green/yellow, black).

For class II (AstroDIM, StepDIM, MainsDIM): 4x1,5mm<sup>2</sup> cable (blue, brown, grey, black).

### MECHANICAL FEATURES

IP66, IK08. Integrated heat sink. Die-cast aluminium alloy, anti-corrosion treatment prior to polyester powder coating. Easy opening system using hinges. Captive stainless steel torx fasteners with a Delta Seal® treatment to reduce galvanic corrosion. RAL colour to be specified when ordering. Wind pressure = 0,1m<sup>2</sup>. Weight: 9 kg.

### STANDARDS

Luminaire compliant with European standard EN60598.

### MAINTENANCE

Interchangeable LED modules

### WARRANTY

5-year warranty: on LED module and driver (see the FLUX conditions).



**Lifetime: 100 000 hours L80 B10**

### LUMEN DATA

Lumen nominal total warm white 2700K (lm)	4956
lm/W LED warm white 2700K	141
lm/W product warm white 2700K	118
Qty LED	32
Ta max.	50°C
Tj (at 25°C)	85°C

### INRUSH CURRENT

Inrush Current (A)	53
Inrush Current Time (µs)	200

### POWER

Product Led Power (W)	35,2
Product Power (W)	41,9