

NERI

Light 500

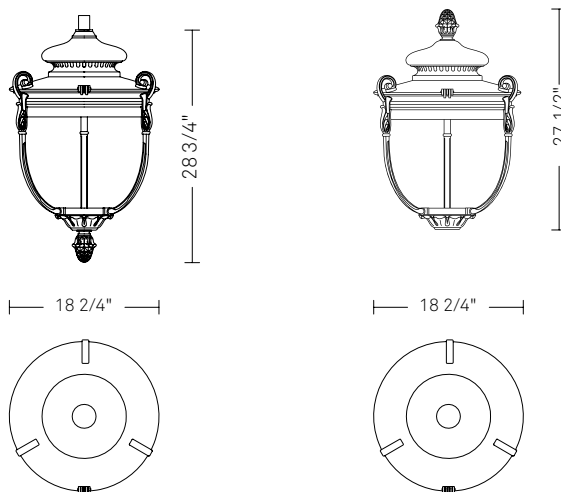
Source	LED
Voltage	120-277V
Frequency	50/60Hz
EPA	2.32 sqft
Weight	27.55lb
Height	28 3/4" - 27 1/2"
Width	18 2/4"
Lenght	18 2/4"

Light 500 is designed for post top, standard configuration with eight different lighting distributions, two colour temperatures and lumen packages up to 7,500lm.



Compliance:
UL Standard 1598, UL8750

Project location:		Fixture type:	
Project name:			
Model code #:	Date	Rev.	10/2023



Mounting	Series	Optic system	CCT	Lumen output	Driver function	Screen
Post-top / Suspended	LU50000	Type I	3,000K	1,500	ON/OFF + NCL	Satin glass
	LU50001	Type II	4,000K	2,500	0-10V + NCL	
		Type III		3,500		
		Type IV		4,500		
		Type V		6,000		
				7,500		

SPECIFICATIONS:

Construction:

- Tilting upper frame in aluminum to access the wiring compartment.
- Shield in flat tempered glass with impact resistance IK08 fixed by angle brackets.
- Silicone gasket between the lower frame and cover.
- Integrated heat sink in cast aluminum in continuity with the external frame.
- Polycarbonate reflector.
- Osmotic valve to balance internal/external pressure.
- Dedicated space for any surge protection devices or remote control systems.
- Suitable for wet location.

Materials:

- Die-cast aluminium (UNI EN 1706).
- Polimetilmetacrilato frosted (PMMA).
- Stainless steel fasteners.

Finish:

- Standard color: Neri Gray
- Paint system (see specific technical sheet).

Mounting:

- Suitable for post-top and side mounting on tubes from Ø 1 7/8" to Ø 2 3/8", (external diameter Ø 3").
- Bracket with a tilting system of 20° (5° step).
- Adjustable from 0° to +20° with post top configuration and from -5° to +15° with outreach configuration.
- Fixing by two grub screws M8 lock nuts with stainless steel.

Operation and maintenance:

- Periodic maintenance for the external cleaning of the structure and the screens from dust and smog and tightening control to the support.

TECHNICAL DATA:

Electrical:

- Voltage: 120-277V (universal).
- Rated power: from 15.8 W to 53.6 W.
- Frequency: 50/60Hz.
- Protection rating: IP66, IK06.
- Operating temp.: -31°F / +122°F.
- Electronic power supply with protection against short circuits, overheating and power surges with an estimated duration of 100,000 h.
- Standard surge protection 10kV/10kV.

Optical Features:

- LED Type: Lumileds Luxeon 5050
- LED source efficacy: 164 lm/W @ Tj=25°C, 800 mA, 3,000K
- LED source efficacy: 169 lm/W @ Tj=25°C, 800 mA, 4,000K
- Lumen output: from 1,500 to 7,500 lm
- Color temperature: 3,000K or 4,000K. (2200K and 2700K on demand)
- Chromatic Rendering Index: > 70
- Estimated life: 100,000 hours (L90 - Tq25°C)

DRIVER FUNCTION:

ON/OFF + NCL

(Analogic control + Neri Constant Lumen)

0-10V + NCL

(Analogic control + Neri Constant Lumen)

