

# NERI

Light Hydra  
Cod. PNHYDL xx yyy zz

Fixing: Head post  
Source: LED-D

Technical sheet  
Measures in mm

## DESCRIPTION

### Compliance

- In compliance with EN60598-2-3; EN60598-1; EN62031; EN55015; EN61547; EN 61000-3-2; EN 61000-3-3.

### Mechanical information

Height	Width	Length	Weight	IP	IK	Area
605mm	420mm	610mm	19.5Kgs.	IP66	06	0.155 m <sup>2</sup>

IP rating mentioned is of optical compartment

### Electrical characteristics

Voltage	Frequency	Cos φ	Insulation class	Operative Temp.
AC240V	50/60Hz	> 0.9	CL I 	-30°... +50°C

### Fixing

- Suitable for head post mounting on tube with  $\varnothing$  60mm.

### Materials

- Cast aluminium (UNI EN 1706).
- Hot galvanized steel sheet.
- Stainless steel fasteners.

### Structure – Main components

- Upper frame semi-oval with central support of the LED module.
- Lower frame semi-oval with tube for mounting on  $\varnothing$  60 mm pipe.
- Inside part made in hot galvanized sheet steel painted.
- LED module's heat sink directly on the frame for optimal dissipation.

### Electrical auxiliaries

- Connector for wires with a max. section of 2.5 mm<sup>2</sup>.

### Operations and maintenance

- During maintenance operations no screw or component is separated from the structure.
- Replaceable components in full (complete cover of LED module, wiring plate with driver).
- Please refer to the installation and maintenance manual of the product.
- It is the responsibility of the installer to ensure the correct installation and electric connection in accordance with applicable regulations.

### Powder Coating

- Standard colour: black RAL 9005.
- Standard colour (inside frame): white RAL9010.

### Code construction

To create the complete code of the configuration, insert sequential parts of the code on the configuration of the:

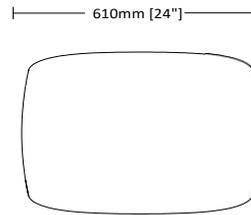
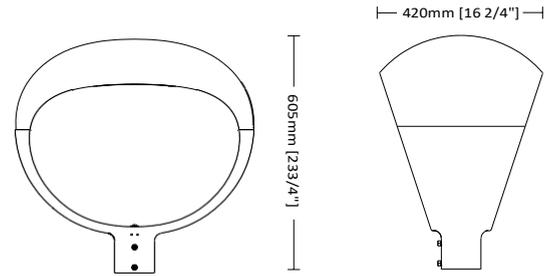
xx - Optic

yyy - Luminous flux

zz - Driver

Example: PNHYDL xx yyy zz → PNHYDL041H102

## DRAWINGS



## DESCRIPTION

### Optic

Cod. XX	Lighting distribution	LOR	IES Class
04	Roadways with sidewalk	90%	Cutoff

- LOR: optical efficiency appliance due to the physical shielding.
- Screen shock resistance: IK06.
- Optic system with IP66 protection rating.

### Luminous flux

3000K	System*			
	Cod. YYY	lm	W	lm/W
	1H1	3000	32	95
	1H2	4000	45	90
	1H3	5000	58	86

- \* The energetic values in the table are referred to the complete system.
- Power LEDs module on printed circuit board with metalcore plate.
  - Estimated life: 100,000h
  - Colour Rendering Index: Ra > 70.

### Driver

Cod. ZZ	Driver functions
02	Standard Electronic Power Supply

- Dimmable power supply available on request at extra cost.

## PHOTOMETRIC CURVES

### NLG 04

Roadways with sidewalk

