

English text

LUNALYS & LUNA MINI LUMINAIRES

General Description

The Lunalys and Luna Mini luminaires allow providing a lighting solution where the lighting level requirements are moderate without renouncing an aesthetic design and a high-efficiency photometric reflector that is easy to maintain thanks to its IP66 optical assembly. LunaLys operates with lamps up to 400W, while Luna Mini operates with lamps up to 150 W.

The luminaires are ideal for efficient lighting of main roads, streets, and residential and industrial areas. Lunalys luminaire, ballast and lamp are supplied and checked by GE Consumer and Industrial Hadasa, ensuring a suitable product quality.

Structure and Material

- Housing in two pieces (housing and door), both in die-cast aluminium with a polyester powder paint finish and oven cured (RAL9006).
- Support base suitable for horizontal Ø60mm in LunaLys and Ø48mm in Luna Mini, vertical mounting, for both, through Ø60mm diameter pole.
- One unique latch included into the upper housing allowing an easy luminaire opening
- Stainless steel screws.

Electric Gear Compartment.

Placed into the lower housing and isolated from the environment with a protection degree IP54 in LunaLys and IP44 in Luna Mini, comprising:

- The ballast support board is manufactured in galvanized sheet and mounted into the lower housing.
- The Gear tray support HPS ballast from 100 to 400W and Metal Halide from 150 to 400W for the LunaLys.
- Electronic version for tubular lamps HPS 100-400W, power reduction HPS 100 to 250W (400w under investigation), Class II HPS 100-250W & MH 150 (E40)-400W in the LunaLys,
- In the Luna Mini the gear tray is compatible for Electronic (HPS 100/150w), Power reduction ballast Class I (HPS 70-150w & HM 70/150W), and Class II (all wattages and fix output except HPS 150w)
- Ballast, ignitor and capacitor are mounted on this board, easily removable with electrical disconnection from the lamp with a multi-polar switch.

Optics

Optical assembly hermetically sealed providing IP66, comprising:

- Curve tempered glass sealed to the reflector through silicone.
- E40 ceramic lampholder in the LunaLys, while for the LunaMini E27/E40 depending on lamp. Multi-position support allowing lamp adjusting in longitudinal direction for optimal light distribution.
- Allowing tubular lamp mountings for HPS and MH up to 400W in LunaLys and 150 W in Luna Mini
- High purity aluminium reflector in one-piece, finish achieved through anodizing process.
- Plastic reflector neck, high-temperature resistant. The lamp holder is mounted into the reflector neck through a spongy silicone gasket for ensuring excellent ingress protection.

Maintenance

- Tool-less access to the optic block by opening the latch placed into the upper housing.

- Automatic electrical disconnection makes the maintenance safer when opening the LunaLys.
- Easy and quick lamp maintenance: by manually removing the lamp holder support from the front of the luminaire.
- A "twist and lock" mechanism releases the lamp holder from the neck reflector.

Accessories/Options

- Class II

Main characteristics for Lunalys

Dimensions	670x320x210mm (length x width x height)
Weight	Between 6 and 11 Kg (ballast included)
Side surface	0.11m ²
Pole mounting	For poles Ø 60mm
Ballast	HPS up to 400W, MH up to 400W, 50/60Hz, 208-277V
Reflector	Asymmetric
Protection degree	Optical assembly IP66
Class	I, Class II optional
Upper hemisphere flux	<TBD%

Main characteristics for Luna Mini.

Dimensions	560x270x200mm (length x width x height)
Weight	Between 5 and 8 Kg (ballast included)
Side surface	0.07m ²
Pole mounting	For poles Ø 48-60mm
Ballast	HPS up to 150W, MH up to 150W, Mercury up to 125W
Reflector	Asymmetric
Protection degree	Optical assembly IP66
Class	I, Class II optional
Upper hemisphere flux	<TBD%



