

# Archilum

### Technical Specifications

#### Housing

It is designed to lodge the electric and ballast assembly. It features a system of heat dissipating fins to allow a better ventilation of the housing ensuring a cooler operation.

The housing shall be made of ASTM 356.2 aluminum, made in a permanent mold and cast by a gravity process.

The housing also features a built in rectangular hub to accommodate a tenon arm to connect to a post.

#### Optical Assembly

It has a multi-faceted polyhedral reflector made of high specular aluminum, designed to perform a cut-off light diffusion with options of a symmetrical pattern as well as an asymmetric type I.E.S. II or III distribution.

The assembly features a heat resistant porcelain lamp holder, 600V/4 to 5 KV pulse rated, mounted to an aluminum bracket. The assembly shall be factory tested.

#### Electrical Assembly

Shall be a high power factor ballast, designed to operate an optional, horizontally positioned 1000 watt or 400 watt High Intensity Discharge T25 lamp (by others), unitized and integrally mounted to cast aluminum tray by means of rust proof brackets and fasteners.

#### Enclosure

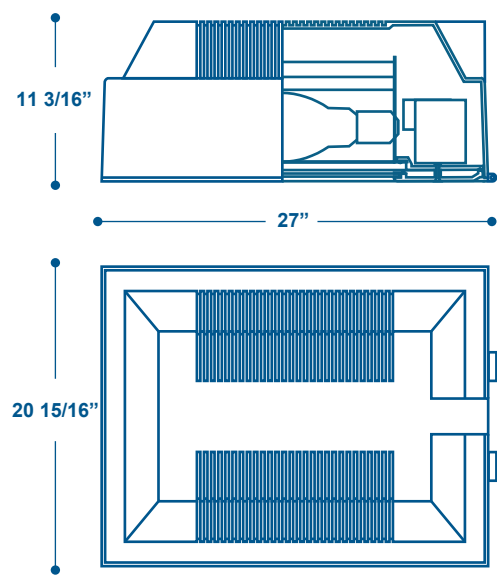
Shall be a die cast aluminum lens holder frame sealed and gasketed closing to a built-in doorframe cast in the housing. The lens holder frame is hinged to the housing by means of a built-in pivoting system and a door latching rust proof mechanism.

The enclosure's lens is a heat tempered clear glass.

#### Mounting Bracket

Shall consist in a cast aluminum arm made of ASTM 356.2 alloy mechanically attached to the post.

Both the luminaire and the electrical components shall be UL or ETL listed suitable for wet locations.



**AMERICAN POLE**  
manufacturing company