



# MAG32

## 32" Magna Luminaire

Weight: 90.0 lbs | EPA: 5.41 sqft

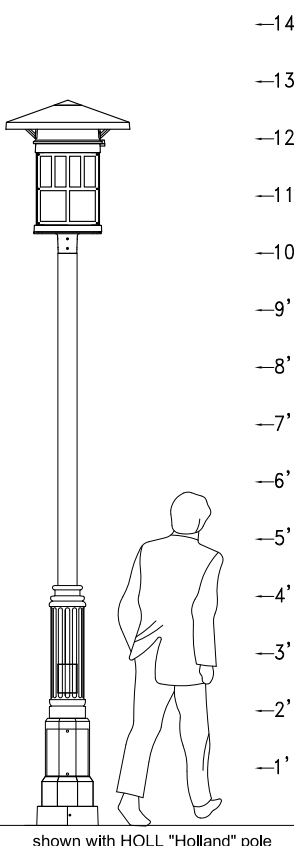
### Project Information

Name / Location: \_\_\_\_\_ / \_\_\_\_\_  
 Type / Quantity: \_\_\_\_\_ / \_\_\_\_\_  
 Sold to: \_\_\_\_\_  
 PO#: \_\_\_\_\_

### Approvals

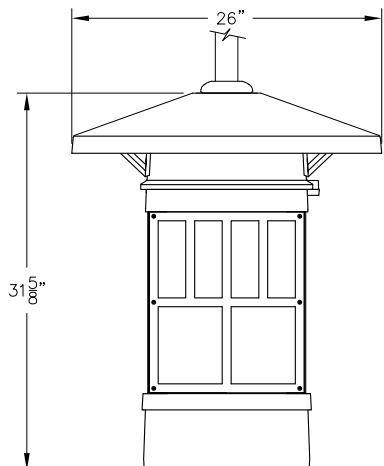
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### Perspective

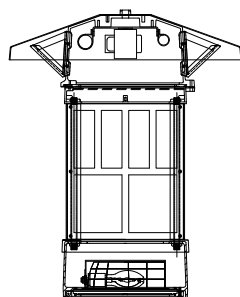


shown with HOLL "Holland" pole

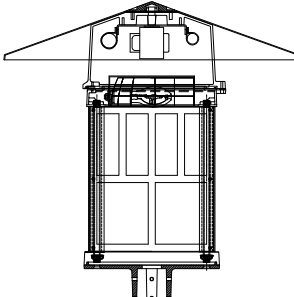
### Luminaire Details



Pendant Mount



Post Top Mount



Internal View

### Specifications

#### Construction:

All cast aluminum parts shall be low copper alloy A356. All extruded aluminum parts shall be alloy 6061-T6, 6063-T5 or equal.

The upper chamber / lid shall be topped by a decorative cast aluminum finial / cap and connected to the optical chamber by means of a hinge and locking mechanism for quick and easy lamp service for post top version. The lamp source for the pendant mount version is accessible through toolless thumbscrews at the bottom housing.

The cast 4-sided cage shall accommodate UV stabilized acrylic or polycarbonate lenses (side panels) which shall be sealed for weather tight operation.

The electrical chamber / fitter shall be a cast aluminum, decorative fitter designed to accommodate the ballast assembly and shall mount to a 3"OD x 4"H tenon and be secured by eight stainless steel set screws.

#### Electrical Assembly (HID & CFL):

The electrical assembly shall be comprised of a high power factor ballast, designed to operate an HID lamp (by others) up to 200 watts and shall be integrally mounted to a removable aluminum tray with nonferrous fasteners. The lampholder shall be porcelain glazed and rated for 600V and 4KV pulse for medium based lamps. Electronic ballasts shall be supplied for all CFL sources and are an option for HID sources, consult factory for details.

#### Electrical Assembly (LED):

The electrical assembly shall be comprised of an electronic LED driver assembly designed to operate the integral 24, 48, 60 and 90-watt light emitting diode light engine (LED source). The driver(s) shall be integrally mounted with nonferrous fasteners. The driver shall have a high temperature, flame-resistant (UL 94-V0 minimum) plastic enclosure, 90°C maximum surface temp rating, and thermally protected transient over-voltage circuit. The input voltage range shall be 100-277 VAC, 47 to 63 Hz with a 90% power factor at full load. Load regulation shall be +/- 3%. The driver shall have output over voltage and over current protection and output short circuit protection with Auto Recovery. Operating temperature shall be -30°C to +60°C. The driver shall be designed to operate at full load for 100,000 hours (mean time to failure) and the LED source shall be rated for 50,000 hours (70% lumen maintenance). The LED source shall be mounted to a thermally conductive medium (heat sink) and located within the sealed optical chamber.

The luminaires shall be NRTL listed and suitable for wet locations.

#### Fasteners:

All fasteners shall be stainless steel. When tamper resistant fasteners are required, spanner HD (snake eye) style shall be provided (special tool required, available at additional cost).

#### Finish:

Finish shall be Beacote III polyester powdercoat electrostatically applied and thermocured. Luminaires shall be subjected to chemical pre-treatment prior to painting by immersion process.

### Ordering Example:

MAG32 / AC / MH15-120-D / GR3 / PEC / PM / BB

## MAG32

#### Lens Material

- A Acrylic
- P Polycarbonate

#### Lens Finish

- C Clear
- F Frosted
- W White

#### Voltage

- 120 120V
- 208 208V
- 240 240V
- 277 277V
- 347 347V<sup>1</sup>
- 480 480V<sup>1</sup>

#### Source

- MH70 70w metal halide
- MH10 100w metal halide
- MH15 150w metal halide
- MH17 175w metal halide
- MH20 200w metal halide
- HPS50 50w high pressure sodium
- HPS10 100w high pressure sodium
- HPS15 150w high pressure sodium
- CF70 70w compact fluorescent
- LED24 24w LED array<sup>4,5</sup>
- LED48 48w LED array<sup>4,5</sup>
- LED60 60w LED array<sup>4,5</sup>
- LED90 90w LED array<sup>4,5</sup>
- INC incandescent (150w max)
- OTHER \_\_\_\_\_

#### Socket<sup>6</sup>

- D medium
- G12 G12 bi-pin<sup>1</sup>
- 4P 4-pin (compact fluorescent)

#### Optical Options, Distribution

- BL bare lamp, type V
- FGC frost. glass chimney, type V
- GR3 glass refractor, type III
- GR5 glass refractor, type V
- INL internal louvers, type V
- SR2 segmented reflector, type II
- SR3 segmented reflector, type III
- SR4 segmented reflector, type IV
- SR5 segmented reflector, type V
- SPR5 spun reflector, type V (vert. lamp)
- IND3 indirect reflector, type III<sup>7</sup>
- IND5 indirect reflector, type V<sup>7</sup>

#### Electrical Options

- PEC photocell
- FS fuse holder<sup>2</sup>
- QRS quartz restrrike
- EB electronic ballast<sup>1</sup>
- IQ IQ On Board<sup>8</sup>

#### Style Options

- PM pendant mount
- 3CD triple candelabra
- FGC frost. glass chimney<sup>3</sup>

#### Finish

- BB black
- BZ bronze
- BG green
- BW white
- BY gray
- RAL RAL-
- OTHER \_\_\_\_\_

Consult factory for premium and verde finishes. Custom colors available.

#### Notes:

- 1: Consult Factory
- 2: 208/240V fuse holder in pole
- 3: Only available as a style option when used with a direct reflector
- 4: IND3 & IND5 optical options only
- 5: 120v-277v only
- 6: Not required for LED source
- 7: LED only
- 8: HID only