

ALBANY
MAXI

Type: _____

Job: _____

Catalog Number: _____

Approvals: _____

Date: _____

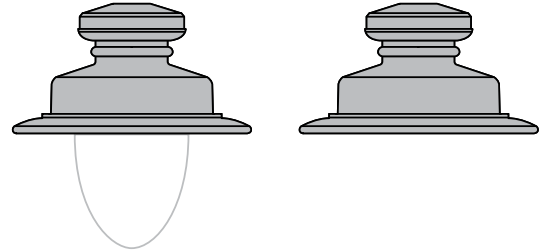
QTY:

	1	2	3	4	5	6	7
ALBX							

SPECIFICATIONS

MODEL	ALBANY MAXI
Height w/drop lens	26.4"/671mm
Height w/flat glass lens	14.5"/368mm
Diameter	27.6"/700mm
EPA	1.46 sq.ft / .136m ²
Weight	34 lbs/15.4kg
IP Rating - Reflector	66

Models



- Housing:** Spun from sturdy aluminum sheet, 1100 alloy. The hood and the decorative ring are mechanically fastened and can be supplied in contrasting colors. The shade supports the optical block and offers an optimal cutoff to limit up light and control luminous pollution and maximize the flux down to the ground line.
- Mounting:** The mounting device is made of cast aluminum 356 alloy, and offers a $\pm 3^\circ$ angle adjustment to allow a perfectly vertical installation and compensate for fabrication tolerances of brackets and poles. Attachment by means of an externally threaded tube 1" nut and a position locking counter nut.
- Opening:** The opening part is joined to the housing by means of an integrated hinge with a stainless steel pivot, closed by a 3 point, spring loaded latch for tool free opening. Access to the optical block for lamp replacement, and to the ballast housing and ballast plate.
- Ballast Plate:** Modular plate made of 18 gauge galvanized steel, mounted to the housing by rotating through keyholes, with a spring loaded locking clip, serviceable without tools.
- Ballast:** High power factor, -20°F (-30°C) lamp starting capacity, with polarized quick disconnect plugs with positive lock feature.
- Lens:** Made of high pressure die cast acrylic, clear prismatic for optimal optical properties and light transmission. Full cutoff optical module features clear flat tempered 4mm glass. Every lens type is permanently sealed to the reflector, forming a Sealsafe® optical block totally tight to dust and fluids. Mechanical impact resistance of IK04 according to EN 50102.
- Reflector:** Made of 3002 aluminum, hydroformed, anodized and electro-brightened (5 microns min.). The optical block Sealsafe® offers ingress protection level of IP66 according to IEC60529 and a fluid resistance factor of $R > 600$.
- Socket Shutter:** Injection molded glass fiber reinforced polymer. Removable with a quarter turn, injection molded silicone gasket (duro 60 shore A). Lamp holder is porcelain, thermoresistant, pulse rated at 4kV for medium base and mogul base lamps.
- Hardware:** All exposed screws are stainless steel. All seals and sealing devices are made and/or lined with EPDM and/or silicone.
- Finish:** Application of polyester powder coat. The chemical composition provides a highly durable UV and salt spray resistant finish in accordance to the ASTM B117 standard and huMaxity proof in accordance to the ASTM D2247 standard.



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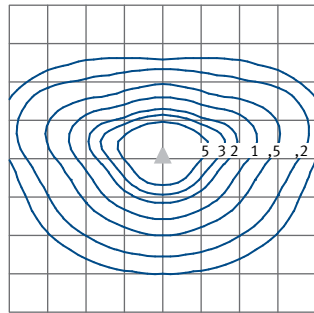
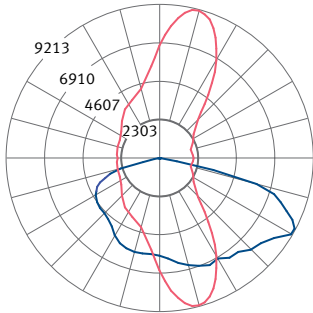
OPTICAL AND PHOTOMETRIC PERFORMANCE

ALBANY MAXI

ALBX T2-FCL HPS-ET18-250 type 2, flat lens

Max Candela 9213 at:
Horizontal angle = 75°
Vertical angle = 63°

Mounting height = 20 feet
Scale is one square = 20 feet/6.1M
Lumens = 29,000

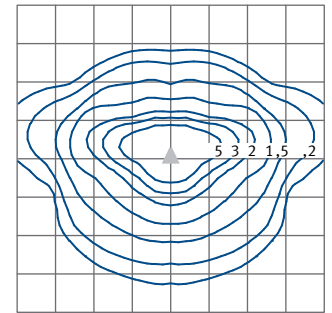
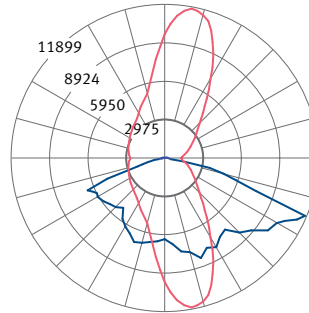


ALBANY MAXI

ALBX T2-DCL HPS-ET18-250 type 2, drop lens

Max Candela 11,899 at:
Horizontal angle = 80°
Vertical angle = 68°

Mounting height = 20 feet
Scale is one square = 20 feet/6.1M
Lumens = 29,000



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1

LIGHT DISTRIBUTION and LENS TYPE
T2 - FCL IES type 2 with flat glass lens
T2 - DCL IES type 2 with clear drop lens

2

LAMP TYPE
MH ED28 Metal Halide - Mogul base socket
MH ED28 - 250  250 watt metal halide
HPS ED23.5 High pressure sodium lamp Mogul base socket
HPS ED23.5 - 100  100 watt high pressure sodium
HPS ED23.5 - 150  150 watt high pressure sodium
HPS ED18 High pressure sodium lamp Mogul base socket
HPS ED18 - 250  250 watt high pressure sodium

3

VOLTAGE
<input type="radio"/> 120 VOLT
<input type="radio"/> 208 VOLT
<input type="radio"/> 240 VOLT
<input type="radio"/> 277 VOLT
<input type="radio"/> 347 VOLT

4

COLOR
<input type="radio"/> RAL 9011-S Smooth Black
<input type="radio"/> RAL 9011-T Textured Black
<input type="radio"/> RAL 9007-S Smooth Gray
<input type="radio"/> RAL 9007-T Textured Gray
<input type="radio"/> RAL 9016-S Smooth White
<input type="radio"/> RAL 9016-T Textured White
<input type="radio"/> RAL 8019-S Smooth Bronze
<input type="radio"/> RAL 8019-T Textured Bronze
<input type="radio"/> RAL 9006 -S Smooth Aluminum
<input type="radio"/> RAL 9006 -T Textured Aluminum
<input type="radio"/> RAL _ _ _ _ Provide four digit RAL color number.
<input type="radio"/> CSC Custom color, provide a color sample for matching and approval.

5

OPTIONS
<input type="radio"/> NONE



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OPTIONS

ELB
Electronic ballast, multi voltage 120 to 277 volt input.

BLS
Back Light Shield provides a sharp light cutoff behind the pole.

RNG
Cast aluminum ring.

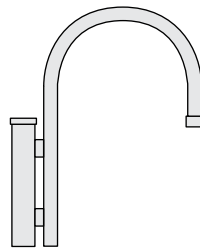


MTC
Multi-color paint scheme. Provide drawing to factory.

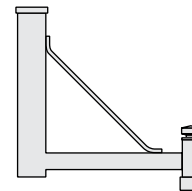


MOUNTING

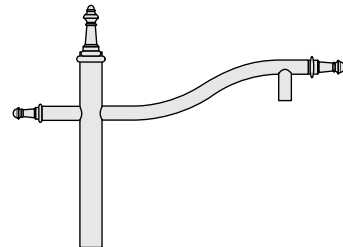
A-301-1 One arm
A-301-2 Two arms at 180 degrees
A-301-W Wall mounted arm



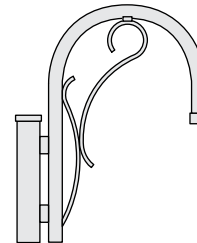
A-302-1 One arm
A-302-2 Two arms at 180 degrees
A-302-W Wall mounted arm



A-303-1 One arm
A-303-2 Two arms at 180 degrees
A-303-W Wall mounted arm



A-304-1 One arm
A-304-2 Two arms at 180 degrees
A-304-W Wall mounted arm



POLE

Refer to the Schröder pole guide.