

ISLA  
HID

Type: \_\_\_\_\_

Job: \_\_\_\_\_

Catalog Number: \_\_\_\_\_

Approvals:

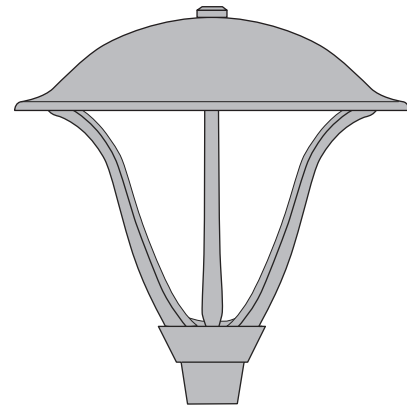
Date: \_\_\_\_\_

QTY:	1	2	3	4	5	6
ISL						

## SPECIFICATIONS

MODEL	ASYM
Height	25" / 636mm
Diameter	25.5" / 647mm
EPA	.61 sq ft / .057m <sup>2</sup>
Weight	32 lbs / 14.4kg
IP Rating - Reflector	66

Front View



<b>Housing</b>	Spun from sturdy 16 gauge aluminum sheet, 5052 alloy.
<b>Base</b>	Made of die cast aluminum, 0.090" (2.2mm) minimum thickness with mounting provision for hardware. The base permits installation over a tenon of 76mmø (3"O.D.) x 70mm (2¾"), and is secured by 3 sets of 2 setscrews at 120°.
<b>Fixed cover</b>	Flat plate cover made of 16 gauge galvanized steel, removable to access electrical connection.
<b>Arms</b>	Made of die cast aluminum.
<b>Ballast</b>	Mounted on a modular, unitized ballast tray made of 16 gauge galvanized steel, mounted inside the housing. Easy access for service by opening the hood. With polarized quick disconnect plugs with positive lock.
<b>Lens</b>	Made in clear, flat, tempered 4mm glass. The lens is permanently sealed to the reflector, forming a Sealsafe® optical block impervious to fluids. Mechanical impact resistance of IK08 according to IEC62262.
<b>Reflector</b>	Made of 3002 aluminum, hydro-formed, anodized and electro-brightened (5 microns min.). The Sealsafe® optical block offers an Ingress Protection level of IP66 according to IEC60598, and a fluid resistance factor of R>600.
<b>Sleeve</b>	Die cast, glass reinforced resin, mechanically fastened to reflector and fully silicone gasketed.
<b>Shutter</b>	Injection molded, glass fibre reinforced polymer. Removable with a quarter turn, with injection molded silicone gasket (Duro 60 shore A).
<b>Lamp Holder</b>	Porcelain, thermo-resistant pulse rated 4kV for medium base lamps (E26). Ceramic for G12 (T6) and PGZ12 (cosmopolis) lamps.
<b>Hardware</b>	All exposed screws will be in stainless steel. All seals and sealing devices are made and/or lined with EPDM and/or silicone.



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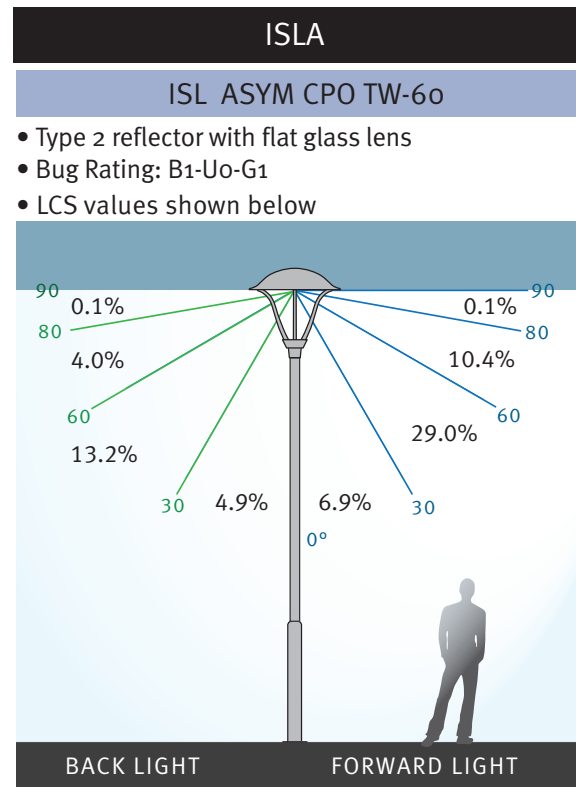
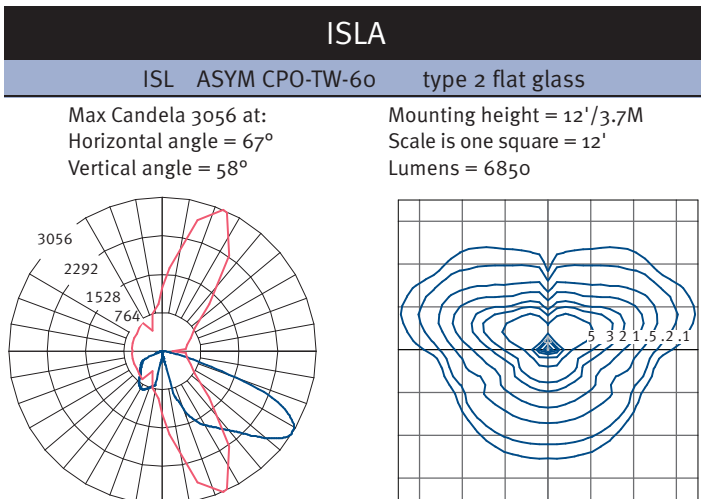
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<b>Finish</b>	Application of polyester powder coat finish. The chemical composition provides a highly durable UV and salt spray resistant finish, in accordance with the ASTM B117 standard, and humidity proof according to the ASTM D2247 standard.
<b>Electrical listing</b>	Wet Location listed per UL 1598 and CSA C22.2. IP rating for the optical system is IP66.
<b>Warranty</b>	The Sealsafe® optical module is warranted to be free of intrusion of contaminants for a period of twenty years.

OPTICAL AND PHOTOMETRIC PERFORMANCE

LUMINAIRE CLASSIFICATION SYSTEM - LCS

The LCS is the IESNA standard method of evaluating the lighting levels produced by a luminaire by classifying the results into three categories; forward light, back light and uplight. This can be combined with the IESNA roadway classification to evaluate the optical system best suited to your project.



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LIGHT DISTRIBUTION  
and LENS TYPE

**ASYM**  
Asymmetric w/ flat glass lens

LAMP TYPE


**MH ED17**  
Metal Halide - medium base socket 

**MH ED17 - 50**  
50 watt metal halide

**MH ED17 - 70**  
70 watt lamp metal halide

**MH ED17 - 100**  
100 watt lamp metal halide


**MH ED17 - 150**  
150 watt lamp metal halide

**MH T6**  
Metal Halide - G-12 bi-pin socket 

**MH T6 - 39**  
39 watt lamp metal halide

**MH T6 - 70**  
70 watt lamp metal halide

**MH T6 - 150**  
150 watt lamp metal halide


**HPS BD-17**  
High pressure sodium lamp  
Medium base socket 

**HPS BD17 - 50\*\***  
50 watt high pressure sodium

**HPS BD17 - 70\*\***  
70 watt high pressure sodium

**HPS BD17 - 100\*\***  
100 watt high pressure sodium

**HPS BD17 - 150\*\***  
150 watt high pressure sodium

**HPS ED23.5**  
High pressure sodium lamp  
Mogul base socket 

**HPS ED23.5 - 50\*\***  
50 watt high pressure sodium

**HPS ED23.5 - 70\*\***  
70 watt high pressure sodium

**HPS ED23.5 - 100\*\***  
100 watt high pressure sodium

**HPS ED23.5 - 150\*\***  
150 watt high pressure sodium

VOLTAGE

**120 VOLT**

**208 VOLT**

**240 VOLT**

**277 VOLT**

**347 VOLT**

**INT**  
Intellivolt 208-277 volt)  
*For CosmoPolis Only*

COLOR

**RAL 9011-S** Smooth Black

**RAL 9011-T** Textured Black

**RAL 9007-S** Smooth Gray

**RAL 9007-T** Textured Gray

**RAL 9016-S** Smooth White

**RAL 9016-T** Textured White

**RAL 8019-S** Smooth Bronze

**RAL 8019-T** Textured Bronze

**RAL 9006 -S** Smooth Aluminum

**RAL 9006 -T** Textured Aluminum

**RAL** \_\_\_\_\_  
Provide four digit RAL color number.

**CSC**  
Custom color, provide a color  
sample for matching and approval.

OPTIONS

**NONE**

**ELB**  
Multi voltage Electronic ballast, 120  
to 277 volt input.

*\*ELB option not available on CPO. The CPO  
includes an electronic ballast*

*\*\*ELB option not for HPS lamps.*

Philips® CosmoPolis CosmoWhite  
Lamp and electronic ballast system  
PGZ 12 lamp base

**CPO TW 60\* (INT Ballast only)**  
60 watt CosmoWhite lamp

**CPO TW 90\* (INT Ballast only)**  
90 watt CosmoWhite lamp

**CPO TW 140\* (INT Ballast only)**  
140 watt CosmoWhite lamp

POLE

Refer to the Schröder pole  
guide.

