

ISLA  
HID

Type: \_\_\_\_\_  
 Job: \_\_\_\_\_  
 Catalog Number: \_\_\_\_\_

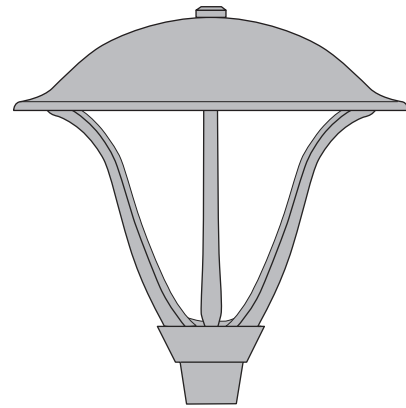
Approvals: \_\_\_\_\_  
 Date: \_\_\_\_\_

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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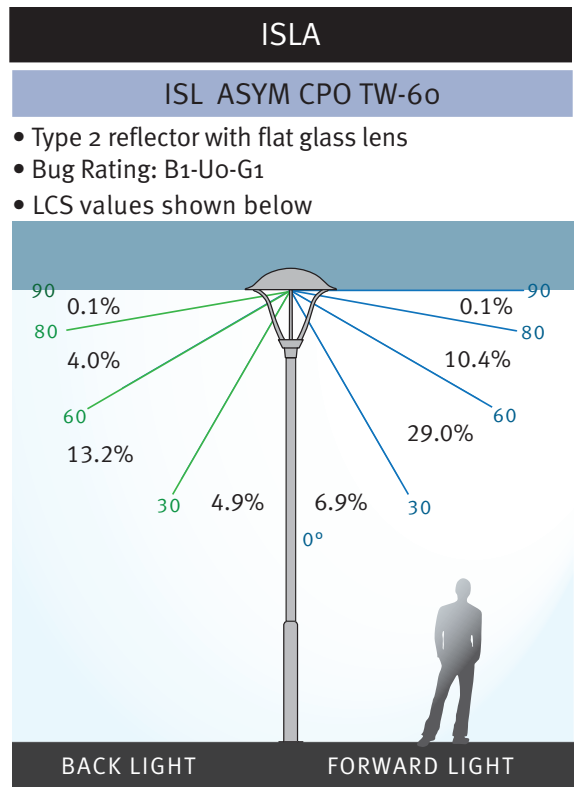
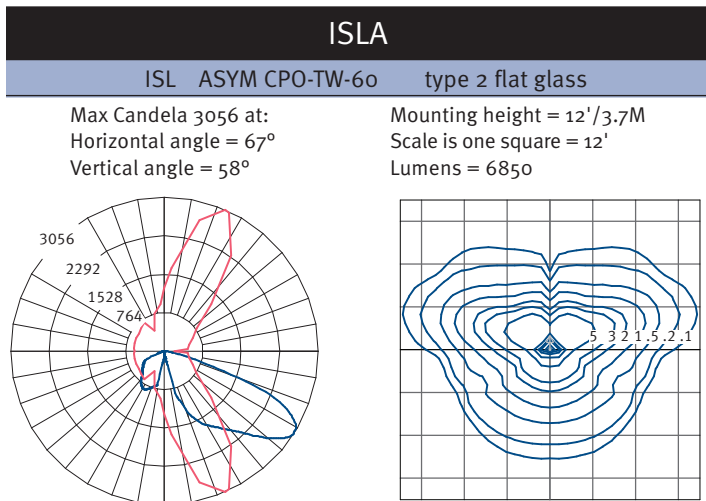
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<b>Finish</b>	Application of polyester powder coat finish. The chemical composition provides a highly durable UV and salt spray resistant finish, in accordance with the ASTM B117 standard, and humidity proof according to the ASTM D2247 standard.
<b>Electrical 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	
<input type="radio"/>	<b>ASYM</b> Asymmetric w/ flat glass lens

LAMP TYPE	
<b>MH ED17</b> Metal Halide - medium base socket 	
<input type="radio"/>	<b>MH ED17 - 50</b> 50 watt metal halide
<input type="radio"/>	<b>MH ED17 - 70</b> 70 watt lamp metal halide
<input type="radio"/>	<b>MH ED17 - 100</b> 100 watt lamp metal halide
<input type="radio"/>	<b>MH ED17 - 150</b> 150 watt lamp metal halide
<b>MH T6</b> Metal Halide - G-12 bi-pin socket 	
<input type="radio"/>	<b>MH T6 - 39</b> 39 watt lamp metal halide
<input type="radio"/>	<b>MH T6 - 70</b> 70 watt lamp metal halide
<input type="radio"/>	<b>MH T6 - 150</b> 150 watt lamp metal halide
Philips® CosmoPolis CosmoWhite Lamp and electronic ballast system PGZ 12 lamp base 	
<input type="radio"/>	<b>CPO TW 60* (INT Ballast only)</b> 60 watt CosmoWhite lamp
<input type="radio"/>	<b>CPO TW 90* (INT Ballast only)</b> 90 watt CosmoWhite lamp
<input type="radio"/>	<b>CPO TW 140* (INT Ballast only)</b> 140 watt CosmoWhite lamp
<b>HPS ED17</b> High pressure sodium lamp Medium base socket 	
<input type="radio"/>	<b>HPS ED17 - 50**</b> 50 watt high pressure sodium
<input type="radio"/>	<b>HPS ED17 - 70**</b> 70 watt high pressure sodium
<input type="radio"/>	<b>HPS ED17 - 100**</b> 100 watt high pressure sodium
<input type="radio"/>	<b>HPS ED17 - 150**</b> 150 watt high pressure sodium

VOLTAGE	
<input type="radio"/>	<b>120 VOLT</b>
<input type="radio"/>	<b>208 VOLT</b>
<input type="radio"/>	<b>240 VOLT</b>
<input type="radio"/>	<b>277 VOLT</b>
<input type="radio"/>	<b>347 VOLT</b>
<input type="radio"/>	<b>INT</b> Intellivolt (208-277 volt) <i>For CosmoPolis Only</i>

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

OPTIONS	
<input type="radio"/>	<b>NONE</b>
<input type="radio"/>	<b>ELB</b> Multi voltage Electronic ballast, 120 to 277 volt input.
<i>*ELB option not available on CPO. The CPO includes an electronic ballast</i>	
<i>**ELB option not for HPS lamps.</i>	

POLE	
	Refer to the Schröder pole guide.

