

Type: _____ Quantity: _____ Approvals

Job: _____

Date: _____

Catalog Number: ISLD • _____ • 110-277 • _____ • _____

DISTRIBUTION

LED COLOR

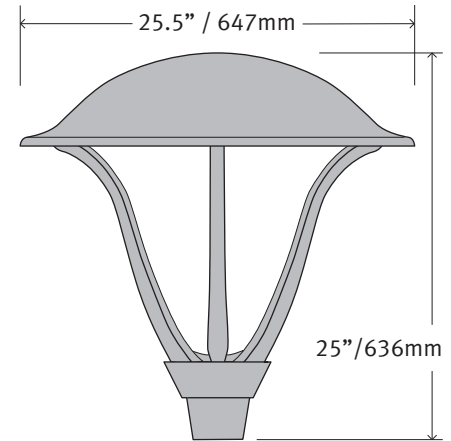
VOLTAGE

COLOR

POLE

SPECIFICATIONS

Model	ISLA LED
Dimensions	
Height	25 in/636mm
Diameter	25.5 in/647mm
EPA / CxS	.61 sq ft/.057m ²
Weight	32 lbs/14.4kg
IP rating	66
Light Source	
Asymmetric / Roadway	28 x 1 watt white LED + 1 blue LED
Symmetric	42 x 1 watt white LED + 1 blue LED



Housing	Spun from sturdy 16 gauge aluminum sheet, 5052 alloy.
Base	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°.
Fixed cover	Flat plate cover made of 16 gauge galvanized steel.
Arms	Made of die cast aluminum.
Drivers	120-277v, 50/60 Hz, Class 2 drivers provide 350 mA constant current to the LEDs. Power factor > 90% at full load.
Lens	Made of 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.
Finish	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.
Electrical listing	Wet Location listed per UL 1598 and CSA C22.2. IP rating for the optical system is IP66.

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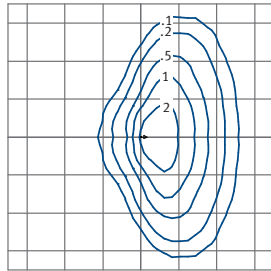
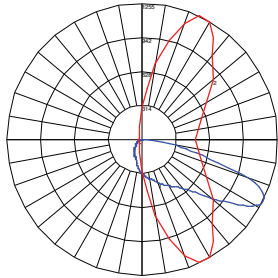
Catalog Number: ISLD • _____ • 110-277 • _____ • _____
DISTRIBUTION LED COLOR VOLTAGE COLOR POLE

OPTICAL AND PHOTOMETRIC PERFORMANCE

ISLA LED
ISLD ASYM 28-1 watt LEDs

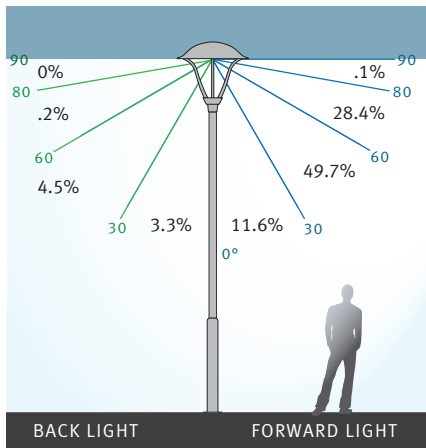
Max Candela 1255 at:
 Horizontal angle = 65°
 Vertical angle = 63°

Mounting height = 10 feet
 Scale is one square = 10 feet/3.1M
 Lumens = 1,679



ISLD ASYM - 28 x 1w LED

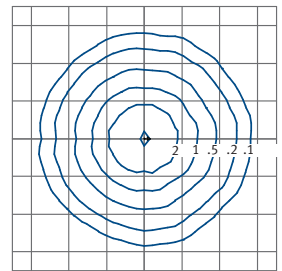
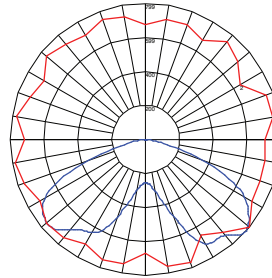
- LCS values shown
- BUG Rating: B0-U1-G0



ISLA LED
ISLD SYM 42-1 watt LEDs

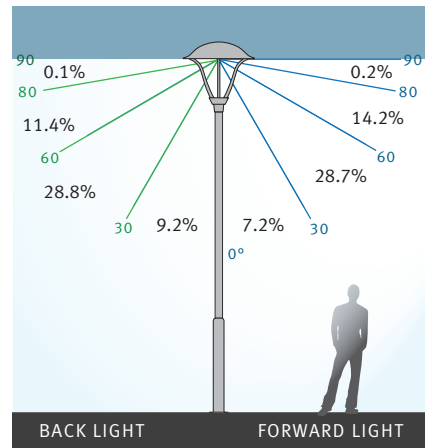
Max Candela 799 at:
 Horizontal angle = 32°
 Vertical angle = 47°

Mounting height = 10 feet
 Scale is one square = 10 feet/3.1M
 Lumens = 2,111



ISLD SYM - 42 x 1w LED

- LCS values shown
- BUG Rating: B1-U1-G1



LED lighting facts
 A Program of the U.S. DOE

Light Output (Lumens)	1679
Watts	36.29
Lumens per Watt (Efficacy)	46
Color Accuracy Color Rendering Index (CRI)	78
Light Color Correlated Color Temperature (CCT)	6767 (Daylight)

LED lighting facts
 A Program of the U.S. DOE

Light Output (Lumens)	2111
Watts	59.09
Lumens per Watt (Efficacy)	35
Color Accuracy Color Rendering Index (CRI)	76
Light Color Correlated Color Temperature (CCT)	6607 (Daylight)

Complete LM-79 report available on the Isla LED product page at schreder.us



ISLA LED

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DISTRIBUTION LED COLOR VOLTAGE COLOR POLE

1 2 3 4 5

1

LIGHT DISTRIBUTION
ASYM - 28 LEDS Asymmetric distribution 28 x 1 watt LEDs Flat glass lens
SYM - 42 LEDS Symmetric distribution 42 x 1 watt LEDs Flat glass lens

2

LED COLOR
CW Cool white 6500° K
Warm white and neutral white color temperatures are also available. Please consult factory.

3

VOLTAGE
110 - 277 110 to 277 volts

4

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

5

POLE
For a complete range of aluminum, steel and wood poles, refer to the Schröder pole guide.

