THYLIA

QTY:

Type: _____

Job: _____

Catalog Number:

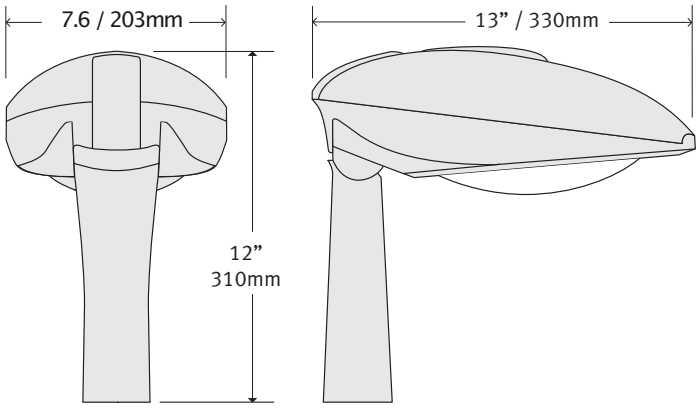
Approvals:

Date: _____

1	2	3	4	5	6
THY					

SPECIFICATIONS

MODEL	THYLIA
HEIGHT	12 IN / 304MM
LENGTH	13 IN / 330MM
WIDTH	7.6 IN / 194MM
EPA	.26 SQ FT / .024M²
WEIGHT	6 LBS / 2.7KG
IP RATING - REFLECTOR	66



Housing & Lens Frame	Constructed of die cast aluminum.
Mounting	The Thylia slips over a tenon and is secured with four stainless steel set screws. The adjustable knuckle on the Thylia allows for various aiming angles. An integral level on the top of the fixture is used to adjust the fixture for horizontal aiming.
Access	A spring loaded latch permits tool free opening of the top for easy access to the optical block for lamp replacement.
Ballast Plate	Modular plate is made of 18 gauge galvanized steel. The ballast is remote mounted in the pole.
Ballast	High power factor, -20°F (-30°C) lamp starting capacity, with polarized quick disconnect plugs with a positive lock feature.
Lens	The sag lens is made of clear, shock resistant, tempered glass.
Reflector	Micro Reflector µR® made of aluminum, chemically brightened and anodized. The Sealsafe® optical system is rated IP66.
Socket Shutter	Made of die cast aluminum. Removable with a quarter turn, injection molded silicone gasket (duro 60 shore A). Lamp holder is porcelain, thermal resistant, pulse rated at 4kV for G12 base lamps (T-6).
Hardware	All exposed screws are stainless steel. All seals and sealing devices are made of EPDM or silicone.
Finish	Application of polyester powder coat paint. The chemical composition provides a highly durable finish that is UV and salt spray resistant in accordance with the ASTM-B117 standard and humidity proof in accordance with the ASTM-D2247 standard.
Electrical Listing	Wet Location listed per UL 1598 and CSA C22.2. IP rating for the optical system is IP66.
Warranty	The Sealsafe® optical module is warranted to be free of intrusion of contaminants for a period of twenty years.

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Photometric and Optical Performance

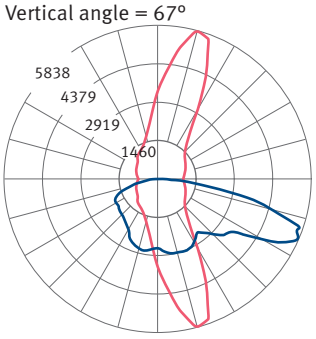
Luminaire Classification System

The LCS is an 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.

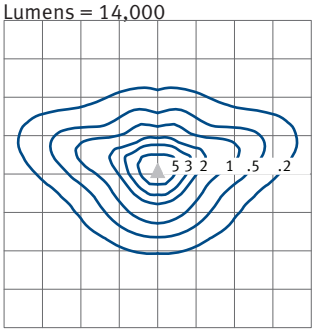
Thylia Type 3

THY T3-DCL MH-T6-150 type 3, sag glass

Max Candela: 5838
Horizontal angle = 75°
Vertical angle = 67°



Mounting height = 20 feet
Scale is one square = 20 feet/6.1M
Lumens = 14,000

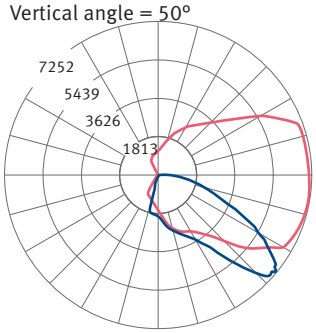


Bug Rating: B3 U3 G3

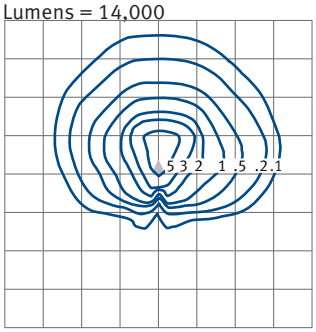
Thylia forward throw

THY FT-DCL MH-T6-150 forward throw sag glass

Max Candela 7252 at:
Horizontal angle = 350°
Vertical angle = 50°



Mounting height = 20 feet
Scale is one square = 20 feet/6.1M
Lumens = 14,000

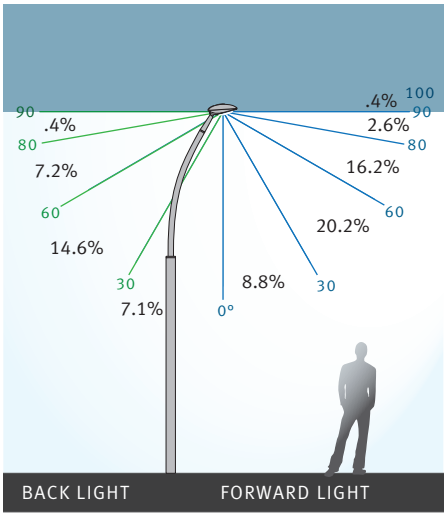


Bug Rating: B2 U3 G2

Thylia Type 3

THY - T3-DCL

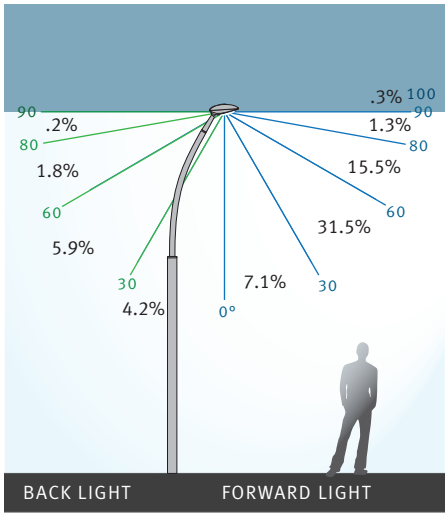
- Type 3 reflector with sag glass lens
- Roadway optics
- LCS values shown below



Thylia forward throw

THY - FT-DCL

- Forward throw reflector with sag glass lens
- Foward throw optics
- LCS values shown below



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1 LIGHT DISTRIBUTION and LENS TYPE

- **T2 - DCL** IES type 2 with sag glass lens (39, 70 watt)
- **T3 - DCL** IES type 3 with sag glass lens (150 watt)
- **FT-DCL** Forward throw optics with sag glass lens

2 LAMP TYPE

- **MH T6-39** Metal Halide 39 watt T6 lamp
- **MH T6-70** Metal Halide 70 watt T6 lamp
- **MH T6-150** Metal Halide 150 watt T6 lamp

3 VOLTAGE

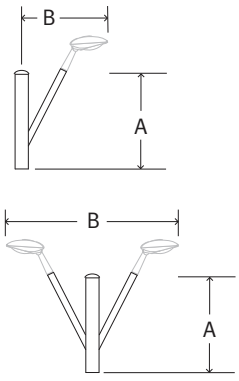
- 120 volt
- 277 volt
- 347 volt

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 MOUNTING

A-101



MODEL		A	B	EPA
A-101-1	One arm	39"(558mm)	17"(432mm)	1.8
A-101-2	Two arms @ 180°	39"(558mm)	34"(864mm)	2.4

MORE MOUNTING OPTIONS
CONTINUE ON NEXT PAGE

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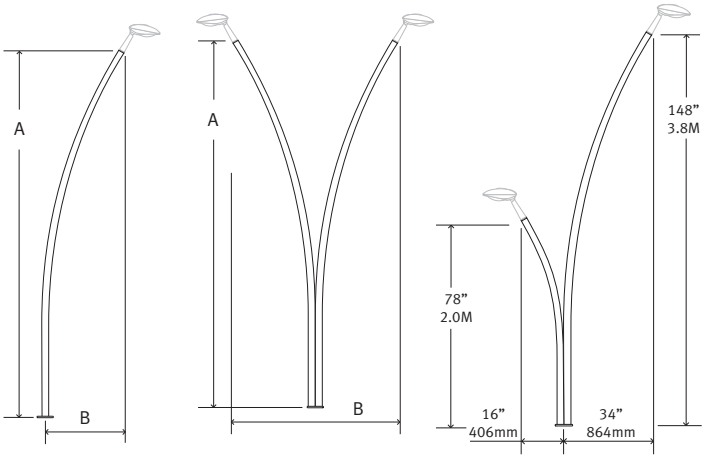
THY					

(CONTINUED) 5

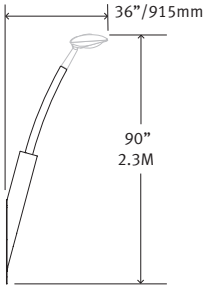
MOUNTING

A-102

MODEL		A	B	EPA
A-102-1-90	One arm	90″ (2286mm)	12″ (305mm)	1.73
A-102-2-90	2 arms @ 180°	90″ (2286mm)	24″ (610mm)	3.46
A-102-1-109	One arm	109″ (2769mm)	19″ (483mm)	1.97
A-102-2-109	2 arms @ 180°	109″(2769mm)	38″ (966mm)	3.94
A-102-1-128	One arm	128″ (3251mm)	28″ (711mm)	2.35
A-102-2-128	2 arms @ 180°	128″ (3251mm)	56″ (1422mm)	4.70
A-102-74-148	Two arms @ 180°			
A-102-WP	Wall Bracket			



Two arms at 180 °

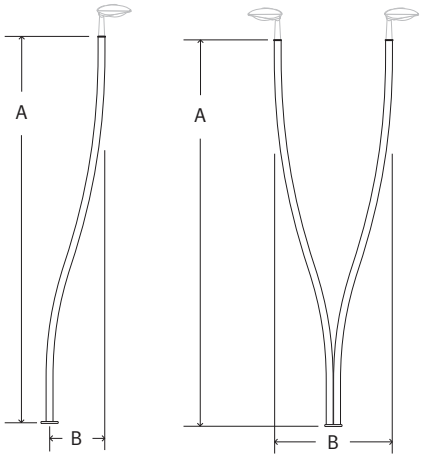


Wall Bracket

MOUNTING

A-103

MODEL		A	B	EPA
A-103-1-66	One arm	66″ (1676mm)	11″ (279mm)	1.4
A-103-2-66	Two arms @ 180°	66″ (1676mm)	22″ (558mm)	2.8
A-103-1-94	One arm	94″ (2388mm)	14″ (356mm)	1.9
A-103-2-94	Two arms @ 180°	94″ (2388mm)	28″ (710mm)	3.8
A-103-1-120	One arm	120″ (3048mm)	18″ (457mm)	2.35
A-103-2-120	2 arms @ 180°	120″ (3048mm)	36″ (914mm)	4.70



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POLE

Refer to the Schréder pole guide.

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