

Model Number:

Approvals:

Accessories:

Job:

Type:

**DESCRIPTION**

The Trace-lite TL406 Series is ideal for parking areas, entrances, walkways, underpasses, loading docks, and recreation areas.

**SPECIFICATIONS****Construction:**

The Trace-lite TL406 Series features a durable, corrosion-resistant, die-cast aluminum enclosure with an architectural bronze powder coated finish. Enclosure is fully sealed and gasketed, and is Wet Location Listed for outdoor use and includes corrosion-resistant hardware. The TL406 features an internal, anodized aluminum reflector which provides ideal light distribution, and the lamp(s) are protected by a vandal-resistant, polycarbonate prismatic refractor.

**Lamps & Ballasts**

High Pressure Sodium: B17 type lamps from 70 to 150 watts, utilizing a medium base, glazed porcelain socket pulse rated for 4KV with either a R-NPF or HX-HPF type ballast rated for a minimum operating temperature of -30°C (-22°F).

Metal Halide: BD17 type lamps from 70 to 100 watts, utilizing a medium base, glazed porcelain socket pulse rated for 4KV with an HX-HPF ballast rated for a minimum operating temperature of -30°C (-22°F).

Pulse Start Metal Halide: Bd17 type lamps from 150 watts, utilizing a medium base, glazed porcelain socket pulse rated for 4KV with a CWA ballast rated for a minimum operating temperature of -30°C (-22°F).

**Installation:**

The Trace-lite TL406 Series can be mounted to any vertical surface, and is easily wired either to a recessed J-box or by using surface mounted conduit. Optional pendant mounting is also available.

**ARRA - Buy America (Option: USA):**

Fixture series may be built to comply with the American Recovery and Reinvestment Act of 2009 (ARRA) requirements and Buy American provisions - call factory for details.

**Quartz Restrike Option (Option: QR150):**

TRACE<sup>®</sup>LITE's quartz restrike option for HID luminaires provides a restrike relay and DC bayonet socket for a quartz halogen lamp up to a 150w (lamp provided by others per specific primary HID lamp wattage and local codes). The quartz restrike option automatically lights a quartz lamp when the primary HID lamp is extinguished, the relay senses the current drawn by the HID circuit and turns the quartz lamp off after the HID lamp reaches approximately 70% output.

**Photocontrol (Accessory: PC):**

Optional field-installed photocontrol provides dusk-till-dawn security. Input voltage must be specified to match fixture input voltage.

**Listing:**

The TL406 is CSA listed for wet locations.

**Warranty:**

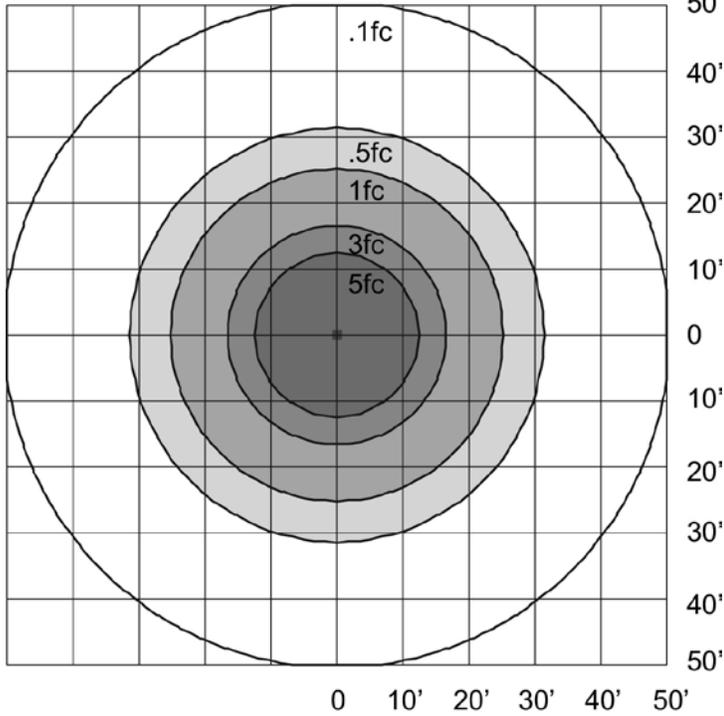
Any housing component that fails due to manufacturer's defect is guaranteed for two years from time of shipment. Ballasts, Capacitors, and Igniters are warranted for one year from time of shipment. Warranty does not apply to damages caused by improper installation, abuse, fire or acts of God. Lamp is not covered by manufacturer's warranty.



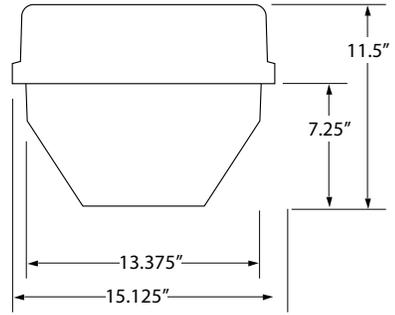
SPECIFICATIONS ARE SUBJECT  
TO CHANGE WITHOUT NOTICE

**SAMPLE PHOTOMETRICS**

**TL406-PSMH-150 Mounted at 10'**



**DIMENSIONS**



Approximate Weight: 15 lbs.

**Footcandle Correction**

Multiply factors times the footcandle values for changes in lamp type.

<i>Lamps</i>	100W MH	<b>150W PSMH</b>	150W HPS
<b>Factor</b>	.68	<b>1.00</b>	1.20

**ORDERING INFORMATION**

Example: TL406-HPS-100-MT-SZ277-USA

Series	Lamp Type	Lamp Wattage	Input Voltage	Options (Factory Installed)
TL406	HPS = High Pressure Sodium	<b>High Pressure Sodium</b>	120 <sup>1</sup> = 120VAC	QR150 = 150 Watt Quartz Restrike
	MH = Metal Halide	70 = 70 Watts	MT = 120/208/240/277VAC	SZXXX <sup>3</sup> = Single Line Side Fuse (120 or 277VAC)
	PSMH = Pulse Start Metal Halide	100 = 100 Watts 150 = 150 Watts	480 <sup>2</sup> = 480VAC	DZXXX <sup>3</sup> = Double Line Side Fuse (208, 240 or 480VAC) USA = Meets Buy America Requirements
	<b>Metal Halide</b>	50 = 50 Watts 70 = 70 Watts 100 = 100 Watts		<b>Accessories<sup>4</sup> (Field Installed)</b>
	<b>Pulse Start Metal Halide</b>	150 = 150 Watts		PC1 = 120VAC Photocontrol PC2 = 208-277VAC Photocontrol PMJB = Offset Pendant Mount J-Box QMPA = Quick Mount Pendant Adapter SWPR = Swivel Pendant Mount (Round) SWPS = Swivel Pendant Mount (Square) RL406 = Replacement Lens
<b>Notes</b>				
<sup>1</sup> HPS only				
<sup>2</sup> 100-150 watt only				
<sup>3</sup> Specify voltage				
<sup>4</sup> Order as separate line item				

