

**DESCRIPTION**

The Trace-lite TL203 Series is ideal for buildings, backyards, parks, sports fields, sign illumination, and other areas where general floodlighting is necessary.

**SPECIFICATIONS**

**Construction:**

The Trace-lite TL203 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 TL203 features an internal, anodized aluminum reflector which provides 7H X 7V light distribution, and the lamp is protected by a high-impact, heat-resistant tempered glass lens.

**Lamps & Ballasts**

**High Pressure Sodium:** E28 type lamps from 100 to 400 watts, utilizing a mogul base, glazed porcelain socket pulse rated for 4kV with a CWA type ballast rated for a minimum operating temperature of -30°C (-22°F).

**Metal Halide:** ED28 type lamps from 70 to 100 watts, utilizing a mogul 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:** ED28 type lamps from 150 to 400 watts, utilizing a mogul 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 TL201 Series is ideal for mounting to any surface. Cover is hinged for easy access to lamp and internal components. An optional 2" slipfitter mount 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\*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 TL201 is UL listed for wet locations.

**Warranty:**

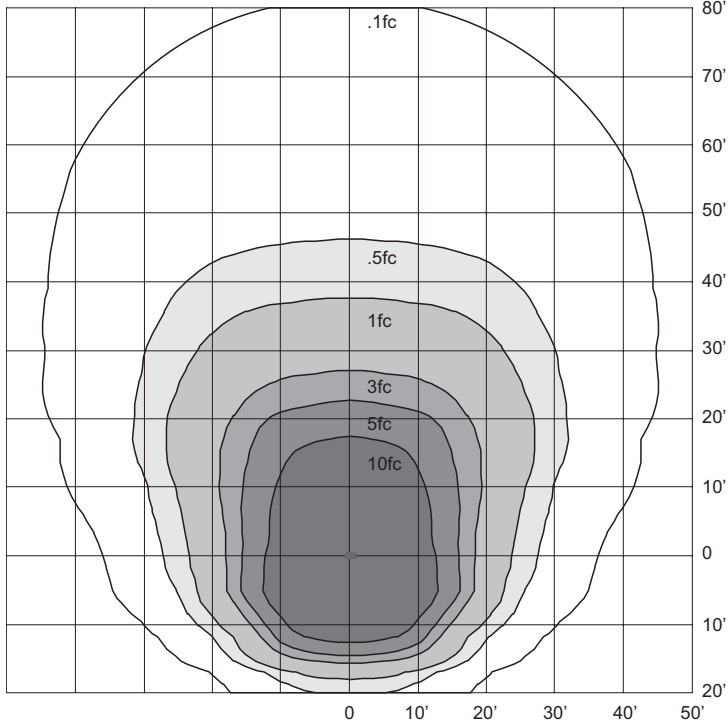
Any housing component that fails due to manufacturer's defect is guaranteed for two years from time of shipment. Ballasts, Capacitors, and Igniters are warranted for one year from time of shipment. Warranty does not apply to damages caused by improper installation, abuse, fire or acts of God. Lamp is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

Model: \_\_\_\_\_ Date: \_\_\_\_\_  
Accessories: \_\_\_\_\_  
Job Name: \_\_\_\_\_ Type: \_\_\_\_\_

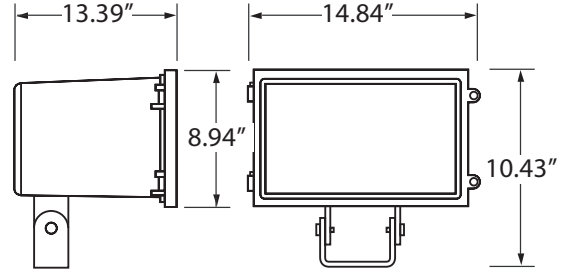


## SAMPLE PHOTOMETRICS

TL203-PSMH-400 Mounted at 10' with 15° Tilt



## DIMENSIONS



Approximate Weight: 19 lbs.  
EPA: 2.5

## Footcandle Correction

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

<b>Lamps</b>	150W PSMH	250W PSMH	250W HPS	<b>400W PSMH</b>	400W HPS
<b>Factor</b>	.32	.56	.68	<b>1.00</b>	1.24

## ORDERING INFORMATION

Example: TL203-HPS-100-MT

Series	Lamp Type	Lamp Wattage	Input Voltage	Options (Factory Installed)	
TL203	HPS = High Pressure Sodium	<b>High Pressure Sodium</b>	MT = 120/208/240/277VAC	QR150 = 150W Quartz Restrike	
	MH = Metal Halide	100 = 100 Watts	480 <sup>1</sup> = 480VAC	SF = 2" Slip Fitter Mount	
	PSMH = Pulse Start Metal Halide	150 = 150 Watts		USA = Meets Buy America Requirements	
		250 = 250 Watts			
		400 = 400 Watts			
		<b>Metal Halide</b>			
		70 = 70 Watts			
		100 = 100 Watts			
		<b>Pulse Start Metal Halide</b>			
		150 = 150 Watts			
	175 = 175 Watts			<b>Accessories<sup>2</sup> (Field Installed)</b>	
	200 = 200 Watts			PC1 = 120VAC Photocontrol	
	250 = 250 Watts			PC2 = 208-277VAC Photocontrol	
	320 = 320 Watts			PG203 = Polycarbonate Guard	
<b>Notes</b>		350 = 350 Watts		SFG = Slip Fitter Mount	
<sup>1</sup> Not available on 70W units		400 = 400 Watts		FRM/GL203 = Replacement Frame & Lens Kit	
<sup>2</sup> Order as separate line item					

Specifications are subject to change without notice.  
Installation must be performed in accordance with  
Barron Lighting Group installation instructions.

10810024 06/16