

# Phi™ 1.5 TLPH15

Catalog Number:

Type:

Project:

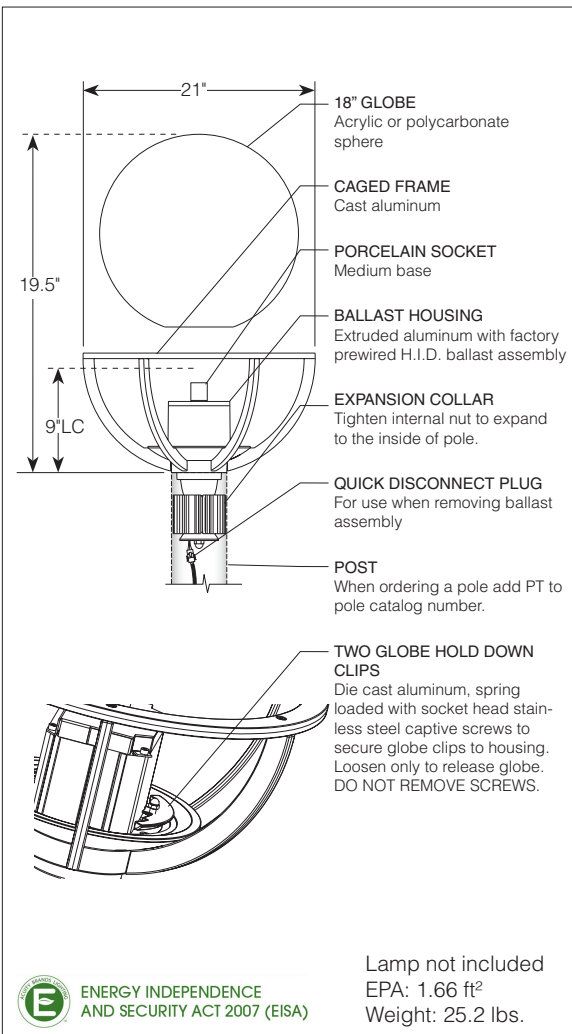


Series	Lamp Type	Lens	Voltage	Shielding	Mounting Method	Options	Finish
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**Sample Catalog no:**

Series	Lamp type	Lens	Voltage	Shielding	Mounting Method	Options	Finish
TLPH15	70M MED 100M MED 150M MED 32TRT 42TRT	AWS Acrylic White PWS Polycarbonate White	120 208 240 277 347 480	HSD	PT4 PT5	HS House Side Shield SF Single Fusing DF Double Fusing	DBL Black DDB Dark Bronze DNA Natural Aluminum DWH White CM Custom Match CS Custom Select RAL colors

Note: See following pages for details.



**Construction:**

The luminaire is a 18" diameter sphere globe with a extruded aluminum-ballast housing, die-cast aluminum base, and integral cast aluminum caged frame. The internal mounting expansion collar is extruded aluminum. All hardware is tamper resistant stainless steel.

**FINISH:** The luminaire has a powder coat finish utilizing a premium TGIC polyester powder. The finish is a three-stage process which consists of drying, powder application and curing. Before coating, the parts are treated with a five-stage pretreatment process, consisting of a heated alkaline cleaner, rinse, phosphate coating, rinse and sealant.

**Optics:**

The sphere globe is white smooth in acrylic or polycarbonate. The luminaire provides a symmetrical distribution. An optional house side shield is available.

**Electrical:**

The luminaire is furnished with an HID or compact fluorescent ballast and socket assembly. HID ballasts are high power factor core and coil. Compact fluorescent ballasts are high power factor and high frequency electronic type. HID sockets are 4KV pulse rated porcelain, medium base, with a copper alloy nickel-plated screw shell and center contact. Compact fluorescent sockets are white thermoplastic, GX24q-4 base. Lamp is not included.

**Installation:**

The luminaire is pole top mounted on a 4" or 5" pole by means of an internal expansion collar. The collar expands to fit inside the pole top by tightening an internal nut. No visible mounting hardware is required. Collar can accommodate a pole I.D. of 3.6"-4.0" (PT4) or 4.6"-4.9" (PT5). For compatible poles, PT must be designated under the Mounting Method for the Open Top option. The globe is attached using 2 die-cast spring-loaded hold-down clips. The ballast assembly is furnished with a quick disconnect plug and mounted on a removable ballast plate.

**Listings:**

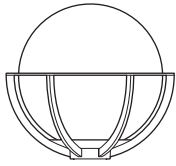
The luminaire is tested to and meets all NRTL's outdoor requirement standards, wet location use, through the fully accredited and approved CSA laboratory. Luminaire is IP65 rated.

WARNING: Tersen reserves the right to modify specifications without notice.



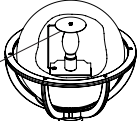
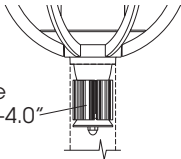
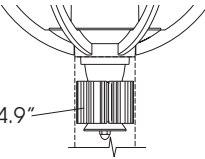
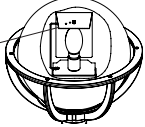














# Phi™ 1.5

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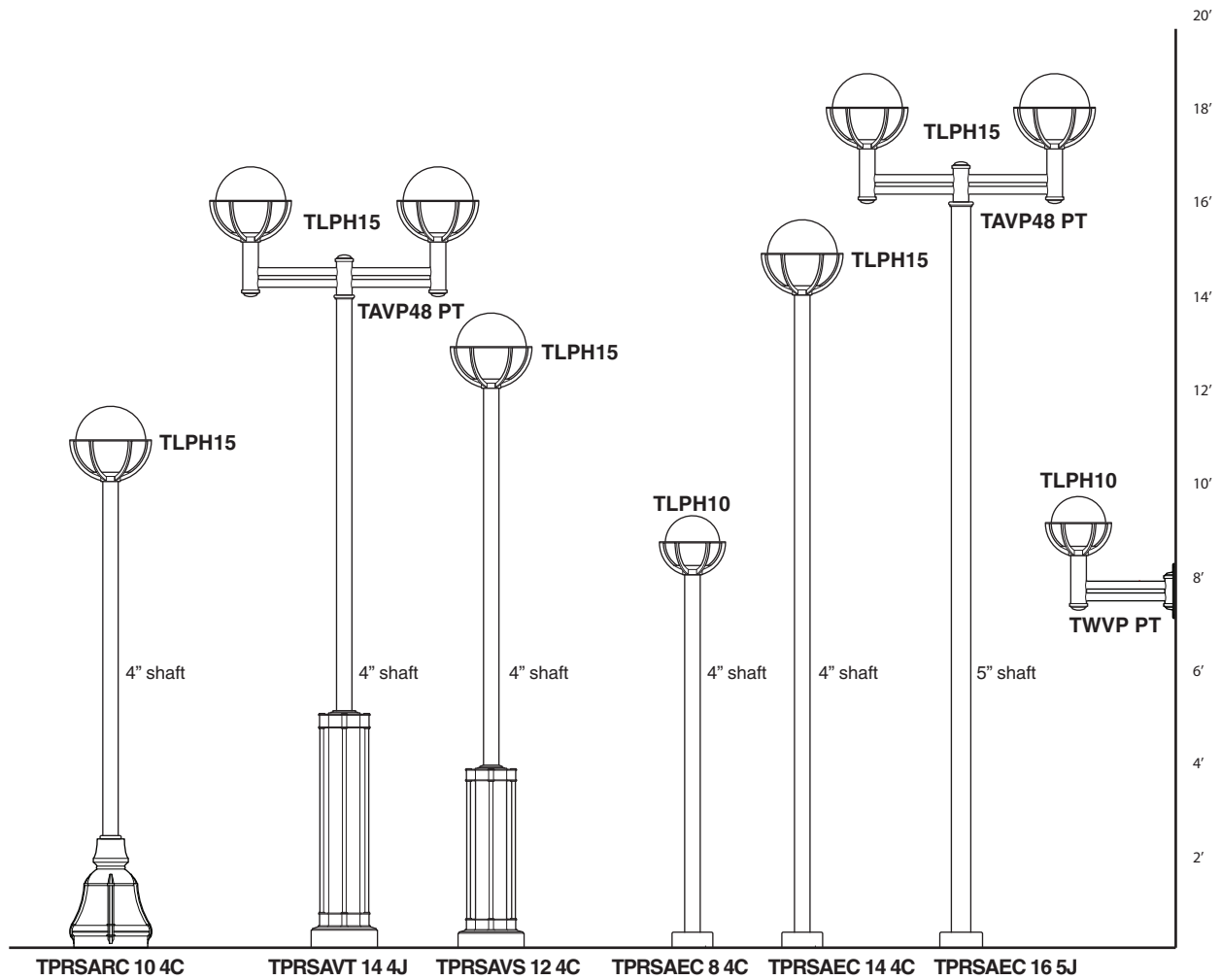


### ORDERING GUIDE

<b>Series</b>	<input type="checkbox"/> <b>TLPH15</b> <u>Tersen Luminaires - Phi 1.5</u> 																		
<b>Lamp type</b>	<table border="0"> <tr> <td colspan="3"><u>Metal Halide</u></td> <td colspan="2"><u>Compact Fluorescent (triple-tube)</u></td> </tr> <tr> <td><input type="checkbox"/> <b>70M MED</b></td> <td><input type="checkbox"/> <b>100M MED</b></td> <td><input type="checkbox"/> <b>150M MED<sup>1</sup></b></td> <td><input type="checkbox"/> <b>32TRT</b></td> <td><input type="checkbox"/> <b>42TRT</b></td> </tr> <tr> <td>Ballast: HX-HPF Lamp: E17 Base: Medium</td> <td>Ballast: HX-HPF Lamp: E17 Base: Medium</td> <td>Ballast: HX-HPF Lamp: E17 Base: Medium</td> <td>Ballast: Electronic, HPF Lamp: T4 Base: GX24Q-3</td> <td>Ballast: Electronic, HPF Lamp: T4 Base: GX24Q-4</td> </tr> </table> <p>Lamp not included, protected lamp required. 1. 150 watt with acrylic globe requires heat shield.</p>	<u>Metal Halide</u>			<u>Compact Fluorescent (triple-tube)</u>		<input type="checkbox"/> <b>70M MED</b>	<input type="checkbox"/> <b>100M MED</b>	<input type="checkbox"/> <b>150M MED<sup>1</sup></b>	<input type="checkbox"/> <b>32TRT</b>	<input type="checkbox"/> <b>42TRT</b>	Ballast: HX-HPF Lamp: E17 Base: Medium	Ballast: HX-HPF Lamp: E17 Base: Medium	Ballast: HX-HPF Lamp: E17 Base: Medium	Ballast: Electronic, HPF Lamp: T4 Base: GX24Q-3	Ballast: Electronic, HPF Lamp: T4 Base: GX24Q-4			
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<b>Voltage</b>	<input type="checkbox"/> <b>120</b> 120 volt <input type="checkbox"/> <b>208<sup>2</sup></b> 208 volt <input type="checkbox"/> <b>240</b> 240 volt <input type="checkbox"/> <b>277</b> 277 volt <input type="checkbox"/> <b>347</b> 347 volt <input type="checkbox"/> <b>480</b> 480 volt																		
<b>Shielding</b>	<input type="checkbox"/> <b>HSD<sup>3</sup></b> Heat Shield  <p>3. Heat shield is required with 150 watt lamp and an acrylic globe. When using a house side shield a heat shield is not required.</p>																		
<b>Mounting Method</b>	<input type="checkbox"/> <b>PT4</b> Fitter for pole with I.D. 3.6"-4.0"  <input type="checkbox"/> <b>PT5</b> Fitter for pole with I.D. 4.6"-4.9"  <p>For compatible poles, PT (Open Top option) must be designated under the Mounting Method and either 4C or 5C Shaft Type in the pole ordering tree.</p>																		
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## Recommended Product Family Luminaires, Poles, Arm and Wall Mount



**TPRSARC 10 4C**

POLE: Round straight pole in aluminum with cast aluminum RC base.

**TPRSAPT 14 4J**

POLE: Round straight pole in aluminum with aluminum VS and VT base.

**TPRSAPS 12 4C**

**TPRSAEC 8 4C**

POLE: Round straight pole in aluminum or steel with cast aluminum EC base cover.

**TPRSAEC 14 4C**

**TPRSAEC 16 5J**

ARM: Aluminum arm with 48" between light centers.

WALL MOUNT: Aluminum wall mount, with 22.5" from wall to light center.

For detailed product specifications for Poles and Arm/Wall Mount see the Tersen website.