

## Specification Medium Floodlights

FLOODLIGHTING

## Intended Use

For recreation areas, parking lots, building facades and car lots.

## Features

Housing – Compact, soft-corner, die-cast aluminum housing and front cover. Front bezel is fully sealed with one-piece, bonded silicone gasket. Lens is thermal- and shock-resistant, clear, tempered glass. Standard finish is dark bronze (DDB) corrosion-resistant polyester powder.

Optics – TA2: vertical lamp with one-piece, hydro-formed, anodized aluminum reflector. Two-position adjustable socket. RA2: horizontal lamp with anodized specular aluminum reflector. Both have sealed optic chamber to inhibit entrance of outside contaminants.

Electrical – Components mounted to cast-aluminum housing for maximum heat-dissipation. Ballast is high-reactance, high-power factor (70-150W HPS) or constant-wattage autotransformer (175 and above HPS, MH), copper wound and 100% factory tested. UL Listed.

Socket – Porcelain, vertically or horizontally oriented mogul-base socket with copper alloy, nickel-plated screw shell and center contact. UL Listed 1500W, 600V, 4KV pulse rated.

Installation – Corrosion-resistant, heavy-duty painted steel yoke. External screws treated for corrosion resistance. Above-horizontal aiming standard.

## Listings

UL Listed (standard) (ambient temperature 25°C for 320W and above and 200S, 40°C for 250W and below). CSA Certified or NOM Certified (see Options). UL Listed for wet locations. IP65 rated.

**lightquick<sup>®</sup> XD**  
Express delivery products.

See page 11 for details about LightQuick XD.

## Description

**TFL 400M RA2 TB LPI**



Example: **TFL 400S RA2 TB LPI**

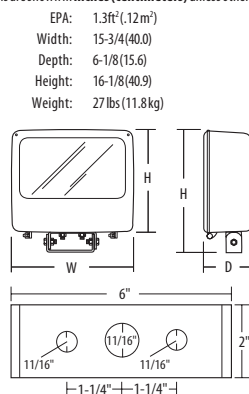
## Ordering Information

Designation	Distribution	Voltage	Options/accessories
<b>High pressure sodium, vertical lamp</b>			<b>Installed</b>
<b>TFL 70S</b>	<b>TA2 (7x6)</b>	<b>120</b>	<b>LPI</b> Lamp included
<b>TFL 100S</b>	<b>TA2</b>	<b>208<sup>4</sup></b>	<b>L/LP</b> Less lamp
<b>TFL 150S</b>	<b>TA2</b>	<b>240<sup>4</sup></b>	<b>SF</b> Single fuse, 120V, 277V, 347V <sup>8</sup>
<b>TFL 200S</b>	<b>TA2</b>	<b>277</b>	<b>DF</b> Double fuse, 208V, 240V, 480V <sup>8</sup>
<b>Metal halide, vertical lamp</b>			<b>EC</b> Emergency circuit <sup>9,10</sup>
<b>TFL 150M<sup>1</sup></b>	<b>TA2</b>	<b>480<sup>5</sup></b>	<b>QRS</b> Quartz restrike system <sup>9,10</sup>
<b>TFL 175M</b>	<b>TA2</b>	<b>TB<sup>6</sup></b>	<b>CR</b> Enhanced corrosion resistance
<b>TFL 200M<sup>2</sup></b>	<b>TA2</b>	<b>TB<sup>7</sup></b>	<b>CRT</b> Non-stick protective coating <sup>11</sup>
<b>TFL 250M<sup>1</sup></b>	<b>TA2</b>		<b>PER</b> NEMA twist-lock receptacle <sup>12</sup>
<b>High pressure sodium, horizontal lamp</b>			<b>IS</b> Integral slipfitter (2-3/8" OD max. tenon)
<b>TFL 250S</b>	<b>RA2 (7x6)</b>		<b>CF</b> Charcoal filter
<b>TFL 400S</b>	<b>RA2</b>		<b>C62</b> 2' 16-3 cord prewired <sup>13</sup>
<b>Metal halide, horizontal lamp</b>			<b>C42</b> 2' 14-3 cord prewired <sup>13</sup>
<b>TFL 200M<sup>2</sup></b>	<b>RA2</b>		<b>C22</b> 2' 12-3 cord prewired <sup>13</sup>
<b>TFL 250M<sup>1</sup></b>	<b>RA2</b>		<b>CSA</b> CSA Certified <sup>14</sup>
<b>TFL 320M<sup>2</sup></b>	<b>RA2</b>		<b>NOM</b> NOM Certified (consult factory)
<b>TFL 350M<sup>2</sup></b>	<b>RA2</b>		<b>SCWA</b> Super CWA pulse start ballast (n/a HPS or 175M)
<b>TFL 400M<sup>1,3</sup></b>	<b>RA2</b>		
			<b>Shipped separately</b>
			<b>TFLWG</b> Wireguard <sup>15</sup>
			<b>TFLVG</b> Vandal guard <sup>15</sup>
			<b>TFLUV</b> Upper visor <sup>15</sup>
			<b>TFLFV</b> Full visor <sup>15</sup>
			<b>FTS</b> Tenon slipfitter (2-3/8" to 2-7/8" OD tenon) <sup>13</sup>
			<b>FRWB</b> Radius wall bracket <sup>16</sup>
			<b>FWPB</b> Wall/wood, pole/pipe bracket <sup>13</sup>
			<b>FSPB</b> Steel square pole bracket (for use with existing poles) <sup>16</sup>
			<b>FSAB</b> Steel angle bracket <sup>13</sup>
			<b>FCRA</b> Crossarm adapter (horizontal) <sup>13</sup>
			<b>FCRA45</b> Crossarm adapter (45° from horizontal) <sup>13</sup>
			<b>FPMB</b> Wood pole/pipe/wall-mounting bracket (includes FCRA) <sup>13</sup>
			<b>PE1</b> NEMA twist-lock photocontrol (120V, 208V, 240V) <sup>17</sup>
			<b>PE3</b> NEMA twist-lock photocontrol (347V) <sup>17</sup>
			<b>PE4</b> NEMA twist-lock photocontrol (480V) <sup>17</sup>
			<b>PE7</b> NEMA twist-lock photocontrol (277V) <sup>17</sup>
			<b>SC</b> Shorting cap
			<b>TM</b> Tenon mount <sup>16</sup>

## NOTES:

- May be ordered with SCWA.
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- Requires T-15, ED or BT28 reduced jacket lamp.
- Consult factory for availability in Canada.
- Not available in Canada.
- Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- Optional 5-tap ballast (120, 208, 240, 277, 480V), n/a in Canada.
- Not available with multi-tap ballast.
- Lamp not included.
- Quartz lamp wattage not to exceed ballast wattage rating.
- Black finish only.
- Photocell not included.
- Yoke mount only.
- Not available with TBV.
- Field modification required unless ordered with fixture.
- Requires IS or FTS slipfitter.
- PER must be ordered with fixture.

Dimensions are shown in **inches (centimeters)** unless otherwise noted.



Lamp/Fixture Data				
Wattage	Dist.	Ballast	Lamp type	Beam spread H°xV°
<b>High pressure sodium (mog/clear)</b>				
100	TA2	HX-HPF	E17	148x123
150	TA2	HX-HPF	E17	155x119
250	RA2	CWA	BT28	143x111
400	RA2	CWA	BT28	143x111
<b>Metal halide (mog/clear)</b>				
175	TA2	CWA	BT28	147x122
250	RA2	CWA	BT28	140x104
400	RA2	CWA	BT28	145x100