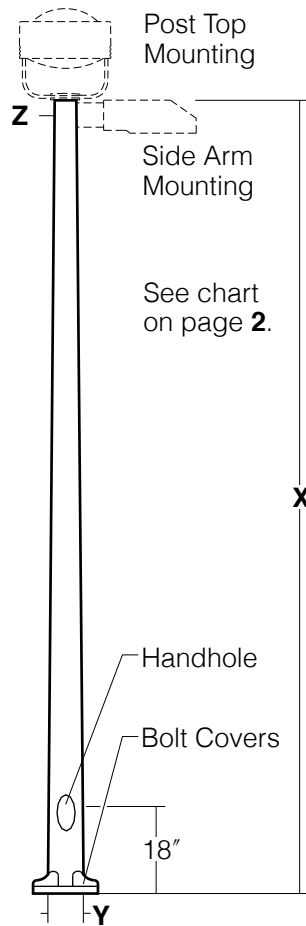
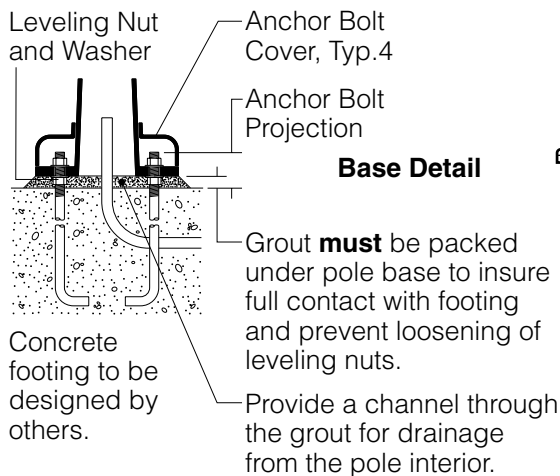
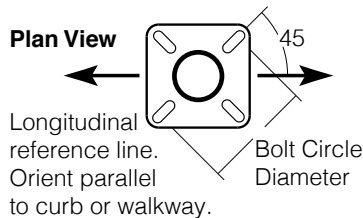
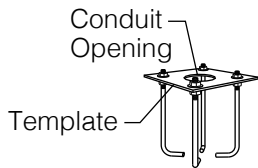


**Type:**  
**Job:**  
**Catalog number:**

Pole	/	/	/
_____	_____	_____	_____
See page 2	See page 3		

**Approvals:**
**Date:**  
**Page: 1 of 4**

# Specifications



**Pole Construction:** One-piece tapered round shaft of high tensile carbon steel (55,000 PSI min. yield) with one vertical welded seam, ground flush to the shaft. Shaft is welded to a flat steel anchor base. 55,000psi minimum yield.

**Bolt Covers:** Cast aluminum anchor bolt covers with stainless steel hold down screws included.

**Pole Cap:** A cast aluminum pole cap is provided for side arm mounted luminaires.

**Handhole:** 5" x 7 1/2" reinforced oval handhole with a gasketed cover and grounding nut provided, 18" up from base.

**Anchor Bolts:** Four galvanized anchor bolts provided, complete with eight nuts, eight flat washers, and a template.

**Strength:** Poles will withstand wind loads as listed in chart (see page 2) when luminaires are mounted per fixture installation instructions.

**Finish:** TGIC thermoset polyester powder coat paint, 2.5 mil nominal thickness. Standard colors are Black, Dark Bronze, Light Gray, Stealth Gray™, Platinum Silver, and White. Custom colors are available.

**CAUTION:** Installation of poles without luminaire(s) will compromise pole strength. Any accessories attached to pole, or other modifications will compromise pole strength and may result in pole failure.

**Maintenance:** A regularly scheduled maintenance program must be established to insure the protective paint coating is intact, corrosion or structural damage has not occurred, and anchor bolt nuts are tight. Failure to do so could lead to eventual pole collapse and serious personal injury.

Type:

Job:

Page: 2 of 4

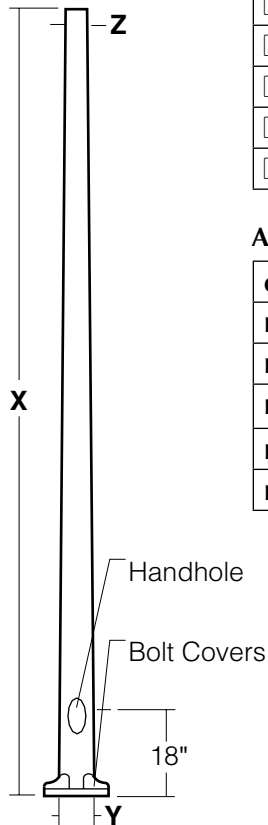
## Standard Features

**NOTE:** All allowable pole and fixture EPAs are derived from the AASHTO standard. Responsibility lies with the specifier for correct pole selection based on local codes and standards for the job location. (See page 4).

Catalog Number	X	Y	Z	BCD Slotted	Bolt	Base Size	Anchor Bolt Projection	Pole Weight
<input type="checkbox"/> RTSK20-65120	20'	6.5" x 11 ga	3.7"	9.5" - 13"	1" x 36" + 4"	12.5" SQ	4"	187
<input type="checkbox"/> RTSK25-7120	25'	7" x 11 ga	3.5"	10" - 13"	1" x 36" + 4"	12.5" SQ	4"	226
<input type="checkbox"/> RTSK30-8120	30'	8" x 11 ga	3.8"	11" - 13.5"	1" x 36" + 4"	12.5" SQ	4"	290
<input type="checkbox"/> RTSK35-85120	35'	8.5" x 11 ga	3.6"	11.5" - 13.5"	1" x 36" + 4"	12.5" SQ	4"	340
<input type="checkbox"/> RTSK39-9120	39'	9" x 11 ga	3.5"	12.5" - 13.5"	1" x 36" + 4"	12.5" SQ	4"	382

### Allowable Pole EPA

Catalog Number	85	90	100	110	120	130	140	150
RTSK20-65120	34.1	30.3	28.0	23.0	19.2	16.1	13.6	10.1
RTSK25-7120	28.4	25.2	23.4	19.1	15.9	13.4	11.4	9.7
RTSK30-8120	29.8	26.4	24.5	20.0	16.6	13.9	11.6	9.7
RTSK35-85120	27.3	24.1	22.5	18.3	15.1	12.4	10.2	8.4
RTSK39-9120	26.5	23.4	21.8	17.7	14.3	11.6	9.5	7.8



























Type:

Job:

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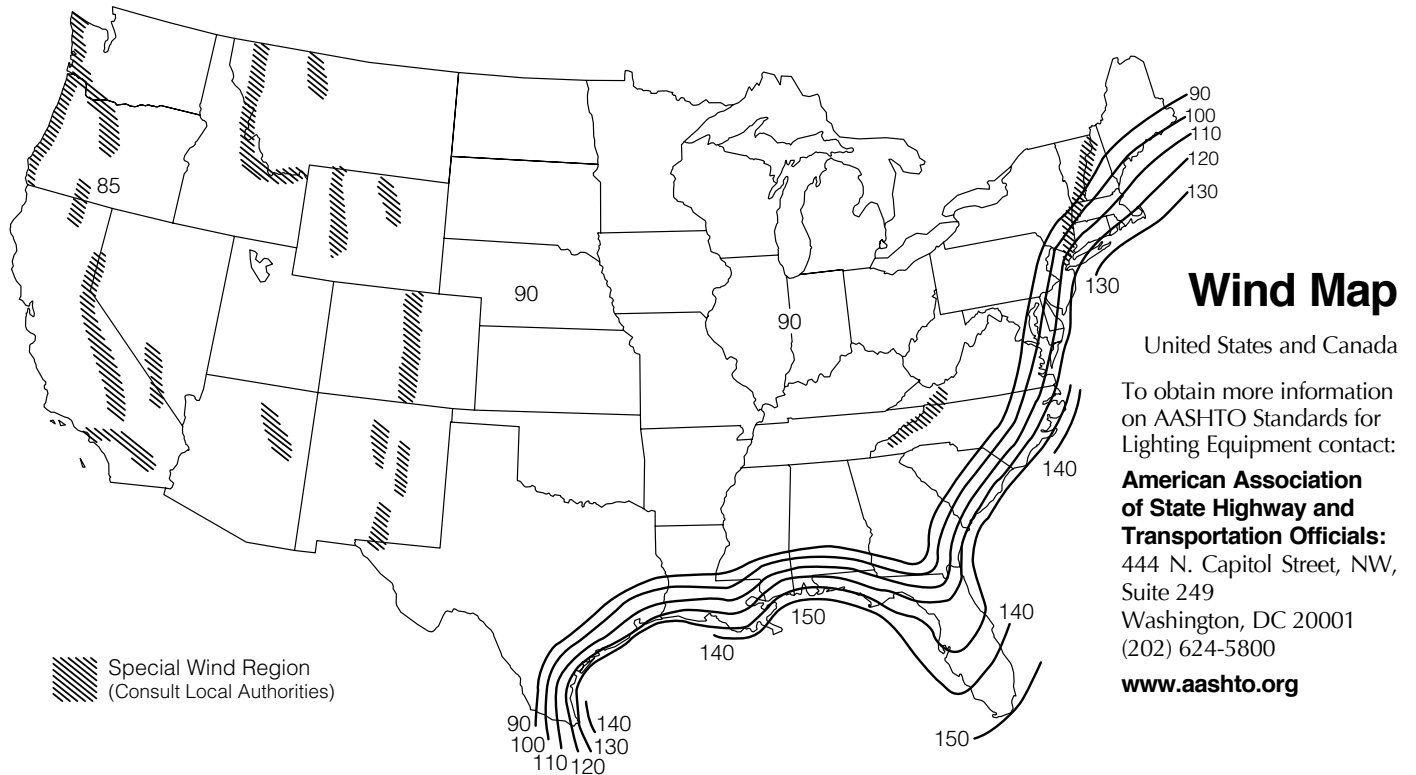
## Standard Features

<p><b>Mounting</b></p>	<table border="0"> <tr> <td></td> <td style="text-align: center;"><b>Flush Mount</b></td> <td style="text-align: center;"><b>Post Top</b></td> <td colspan="5" style="text-align: center;"><b>Side Arm</b></td> </tr> <tr> <td><b>Plan Views:</b></td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> </tr> <tr> <td><b>Mounting<sup>1</sup>:</b></td> <td><input type="checkbox"/> <b>FM</b></td> <td><input type="checkbox"/> <b>PT</b></td> <td><input type="checkbox"/> <b>A</b> <input type="checkbox"/> <b>SA</b></td> <td><input type="checkbox"/> <b>B</b> <input type="checkbox"/> <b>SB</b></td> <td><input type="checkbox"/> <b>L</b> <input type="checkbox"/> <b>SL</b></td> <td><input type="checkbox"/> <b>T</b> <input type="checkbox"/> <b>ST</b></td> <td><input type="checkbox"/> <b>Y</b> <input type="checkbox"/> <b>SY</b></td> <td><input type="checkbox"/> <b>C</b> <input type="checkbox"/> <b>SC</b></td> </tr> </table> <p><b>NOTE: Allowable Pole EPA</b> for jobsite wind conditions must be equal to or greater than fixture mount EPA. Please refer to Kim luminaire catalog for specific fixture.</p> <p><sup>1</sup>See luminaire drilling requirements in specific Kim luminaire catalog.</p>		<b>Flush Mount</b>	<b>Post Top</b>	<b>Side Arm</b>					<b>Plan Views:</b>									<b>Mounting<sup>1</sup>:</b>	<input type="checkbox"/> <b>FM</b>	<input type="checkbox"/> <b>PT</b>	<input type="checkbox"/> <b>A</b> <input type="checkbox"/> <b>SA</b>	<input type="checkbox"/> <b>B</b> <input type="checkbox"/> <b>SB</b>	<input type="checkbox"/> <b>L</b> <input type="checkbox"/> <b>SL</b>	<input type="checkbox"/> <b>T</b> <input type="checkbox"/> <b>ST</b>	<input type="checkbox"/> <b>Y</b> <input type="checkbox"/> <b>SY</b>	<input type="checkbox"/> <b>C</b> <input type="checkbox"/> <b>SC</b>
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<p><b>Finish</b></p>	<p>Color:    Black    Dark Bronze    Light Gray    Stealth Gray™    Platinum Silver    White    Custom Color<sup>2</sup></p> <p>Cat. No.: <input type="checkbox"/> <b>BL</b>    <input type="checkbox"/> <b>DB</b>            <input type="checkbox"/> <b>LG</b>            <input type="checkbox"/> <b>SG</b>            <input type="checkbox"/> <b>PS</b>            <input type="checkbox"/> <b>WH</b>    <input type="checkbox"/> <b>CC</b></p> <p><sup>2</sup>Custom color subject to additional charges, minimum quantities and extended lead times. Consult representative. Custom color description: _____</p>																										

Type:

Job:

Page: 4 of 4



**NOTES:**

- Values are based on 50 year mean recurrence interval 30' above grade.
- Hawaii has an **105 mph** wind velocity.
- Puerto Rico has a **125 mph** wind velocity.
- Caution must be exercised in determining wind velocities in special wind areas such as:
  - Mountainous Regions
  - Areas surrounding the Great Lakes or other large bodies of water or open land.
  - Areas subject to extreme wind conditions, such as hurricanes, typhoons, cyclones, and tornadoes.
  - Areas adjacent to airports.
  - Any specific area with a known or suspected abnormally high intermittent wind condition caused by geography, adjacent structures, or other specific local conditions that may not be recorded in National Weather Service records.
- Allowable pole EPA for jobsite wind conditions must be equal to or greater than fixture EPA. Responsibility lies with the specifier for correct pole selection based on AASHTO wind map and job location.
- The Wind Map is intended only as a general guide. Always consult local authorities to determine maximum wind velocities, gusting and unique wind conditions for each specific application.
- **CAUTION:** Wind speeds and listed EPAs are for ground mounted installations. Poles mounted on structures (such as bridges and buildings) must consider vibration and coefficient of height factors beyond this general guide. Consult AASHTO standards.
- Extreme Wind Events: Hurricanes, Typhoons, Cyclones, or Tornadoes expose poles to flying debris, wind shear, and other unpredictable aerodynamic forces not indicated by the wind velocity ratings.
- Pole Strength Limited Warranty: Standard, unmodified Kim lighting Poles installed as recommended, undamaged by corrosion, or lack of maintenance, shall withstand steady wind conditions as provided on page 2 (Allowable Pole EPA). Installation of poles without luminaires, or attachment of any unauthorized accessories to poles shall void this warranty.