



# LL-CS-SSS

## Contractor Select Square Straight Steel Pole

NOTE: BASE COVER, ANCHOR BOLT KIT & TEMPLATE INCLUDED

### Description

The LITELUME™ Series Contractor Select Square Straight Steel poles are built from high strength steel tube and are pre-drilled for arm mounted area lighting luminaires and come standard with a tenon top & pole cap cover, available to mount flood and post top luminaires. Typical area lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 10 to 30 feet can be used based on selected luminaire application.

### Fixture Information

Finish:	Textured architectural bronze powder-coat finish, baked to ensure maximum paint adhesion, hardness and durability.
Anchor Bolts:	Anchor bolt kit & template included
Hand Hole:	Cast iron reinforced hand hole and cover with ground screw.
Base Cover:	Poles are provided with a two-piece formed steel base cover that is easily assembled and fitted over pole base.
Surface Treatment:	Hot-dip galvanizing.
Pole Length:	Poles are available in standard lengths as shown in the order matrix. Poles can be custom cut to order. Consult factory.

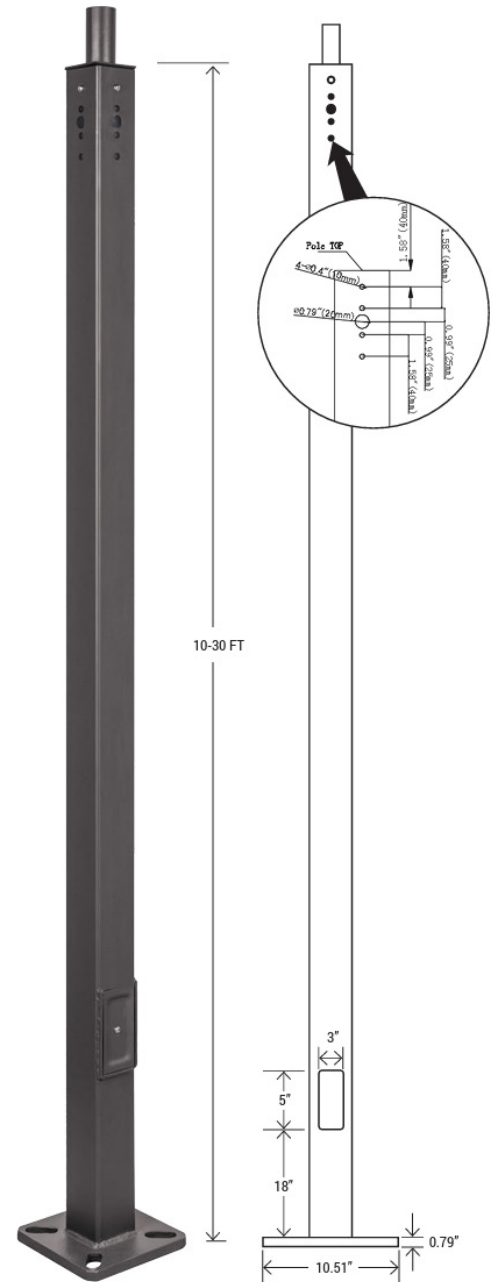
### Specification

Conforms to ASTM-A 500 Grade B: Minimum Yield Strength of 46,000 PSI.

Catalog Number	10ft	15ft	20ft	25ft	30ft
LL-CS-SSS-10-4-11-PT238-FT	L=3.0(m)	L=4.6(m)	L=6.1(m)	L=7.6(m)	L=9.1(m)
LL-CS-SSS-15-4-11-PT238-FT					
LL-CS-SSS-20-4-11-PT238-FT					
LL-CS-SSS-25-4-11-PT238-FT					
LL-CS-SSS-30-5-11-PT238-FT					
LL-CS-SSS-30-5-7-PT238-FT					

### Ordering Information

Company	Square Straight Steel Pole	Ground Height	Size	Thickness	Mounting	Finish
LL	CS-SSS	10FT - (3.0 M) 15FT - (4.6 M) 20FT - (6.1 M) 25FT - (7.6 M) 30FT - (9.1 M)	4 - (4" x 4") 5 - (5" x 5")	7G - (7 gauge) 11G - (11 gauge)	PT238-FT	BZ - Bronze BK - Black WH - White





4" Flange	5" Flange	Flange Base Cover	Anchor Bolt Positioning Plate	Anchor Bolt

Catalog	Height	Gauge	Size	Base	Bolt Size	Weight (lbs)	EPA 70	EPA 80	EPA 90	EPA 100	EPA 110	EPA 120
LL-CS-SSS-10-4-11-PT238-FT	10ft	11	4" x 4"	11"	8.27"-11.42"	101	25.2	23.5	20.3	19.4	17.3	15.6
LL-CS-SSS-15-4-11-PT238-FT	15ft					134	15.2	13.5	11.1	9.5	7.9	6.8
LL-CS-SSS-20-4-11-PT238-FT	20ft					169	10.2	9.3	7.5	6.2	4.2	3.6
LL-CS-SSS-25-4-11-PT238-FT	25ft					190	8.9	6.9	5.7	4.1	3.6	2.2
LL-CS-SSS-30-5-11-PT238-FT	30ft		5" x 5"	9.86"-11.42"	286	9.6	7.4	6.1	5.8	4.6	3.8	
Catalog	Height	Gauge	Size	Base	Bolt Size	Weight (lbs)	EPA 90	EPA 100	EPA 110	EPA 120	EPA 130	EPA 140
LL-CS-SSS-30-5-7-PT238-FT	30ft	7	5" x 5"	11	9.86"-11.42"	407	11.6	8.1	7.2	4.6	2.8	1.5





## Included Accessories

4" Base Cover	5" Base Cover
<p>Diagram of the 4" Base Cover. It is a square cover with a central square opening. The outer dimensions are 4" (100mm) by 4" (100mm). The inner opening is 10.9" (277mm) by 10.9" (277mm). The thickness of the cover is 5" (127mm).</p>	<p>Diagram of the 5" Base Cover. It is a square cover with a central square opening. The outer dimensions are 5.08" (129mm) by 5.08" (129mm). The inner opening is 10.9" (277mm) by 10.9" (277mm). The thickness of the cover is 5" (127mm).</p>

## 10'-25' Included Accessories

Anchor Bolt Kit	Template
<p>Diagram of the Anchor Bolt Kit. It shows four L-shaped anchor bolts. The length of the bolts is 19.69" (500mm). The width of the base is 3.94" (100mm). The height of the base is 3.15" (80mm). The bolts are M10.79" (277mm).</p>	<p>Diagram of the Template. It is a square plate with a central circular hole. The outer dimensions are 9.8" (250mm) by 9.8" (250mm). The inner hole has a diameter of 7.48" (190mm). The plate has four mounting holes with a diameter of 0.43" (110mm). The plate is 4-00.79" (20mm) thick.</p>

## 30' Included Accessories

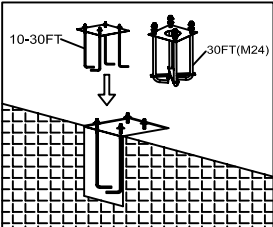
Anchor Bolt Kit	Template	Cross Screw Template
<p>Diagram of the Anchor Bolt Kit. It shows a single L-shaped anchor bolt. The length of the bolt is 36" (914mm). The width of the base is 3.94" (100mm). The height of the base is 3.15" (80mm). The bolt is M10.95" (277mm).</p>	<p>Diagram of the Template. It is a square plate with a central circular hole. The outer dimensions are 9.8" (250mm) by 9.8" (250mm). The inner hole has a diameter of 7.48" (190mm). The plate has four mounting holes with a diameter of 0.43" (110mm). The plate is 4-00.95" (24mm) thick.</p>	<p>Diagram of the Cross Screw Template. It is a cross-shaped template. The width of the cross is 6.89" (175mm). The height of the cross is 6.89" (175mm). The thickness of the cross is 1.34" (34mm). The cross has four mounting holes with a diameter of 0.914" (24.15mm). The cross is 11.34" (293mm) long. The cross is labeled "Position Plate Bottom".</p>



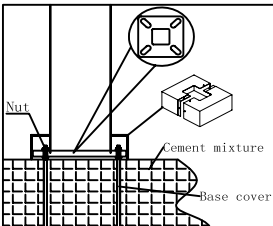
## Features

Pre-Drill Mount Options	Tenon Mount Included On Top	Side Mount: Typical access point
 <p>Removable Cap</p> <p>Arm Installation hole</p>	 <p>Ø2.38"(60mm)ODX4"9101mm) LG</p> <p>0.24"(6mm) THK.TENON MOUNT</p>	

## Installation

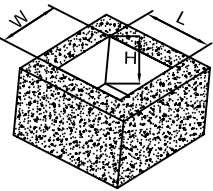


1.Dig a hole in the installation position of the lamp pole. Fixed four fastener fittings according to the hole position of lamp pole and poured with cement concrete. (as shown in the figure)



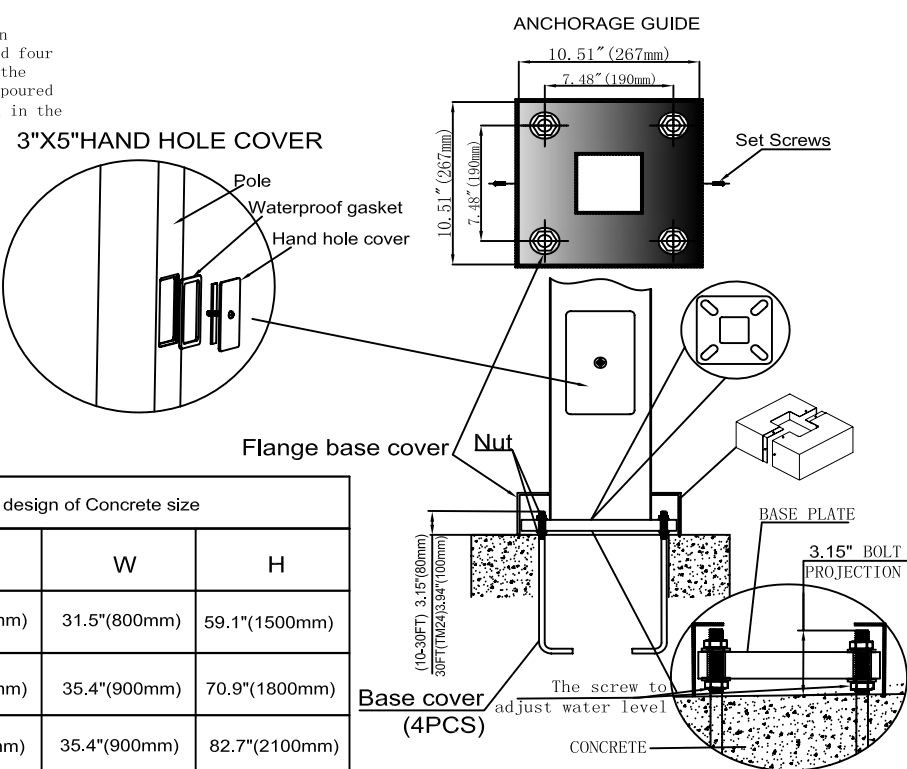
2. Install 4 screws onto the stick and adjust to same water level, then place the square plate and screw tightly. Install the cover at the bottom of pole. (as shown in the figure)

Foundation reference specification



Reference design of Concrete size

Specifications	L	W	H
10-15FT	31.5"(800mm)	31.5"(800mm)	59.1"(1500mm)
20-25FT	35.4"(900mm)	35.4"(900mm)	70.9"(1800mm)
30FT	35.4"(900mm)	35.4"(900mm)	82.7"(2100mm)



ANCHORAGE GUIDE

10.51" (267mm)

7.48" (190mm)

10.51" (267mm)

7.48" (190mm)

Set Screws

3"X5" HAND HOLE COVER

Pole

Waterproof gasket

Hand hole cover

Flange base cover

Nut

BASE PLATE

3.15" BOLT PROJECTION

Base cover (4PCS)

CONCRETE

The screw to adjust water level

**Foundation Design:**We offer Foundation design references due to variations in soil structure across different areas, and we do not assume any responsibility for this variability.



<b>Project Name</b>	
<b>Catalog #</b>	
<b>Job Type</b>	
<b>Prepared By</b>	
<b>Notes</b>	

## Ordering Guide

<b>Part #</b>	<b>Description</b>
LL-CS-SSS-10-4-11-PT238-FT-BZ	Contractor Select Square Straight Steel Pole, 10', 4" Shaft, 11 Gauge, Post Top 2 3/8" Tenon With Flat Top Pole Cap Included, Bronze, Base Cover, Anchor Bolts & Template
LL-CS-SSS-15-4-11-PT238-FT-BZ	Contractor Select Square Straight Steel Pole, 15', 4" Shaft, 11 Gauge, Post Top 2 3/8" Tenon With Flat Top Pole Cap Included, Bronze, Base Cover, Anchor Bolts & Template
LL-CS-SSS-20-4-11-PT238-FT-BZ	Contractor Select Square Straight Steel Pole, 20', 4" Shaft, 11 Gauge, Post Top 2 3/8" Tenon With Flat Top Pole Cap Included, Bronze, Base Cover, Anchor Bolts & Template
LL-CS-SSS-25-4-11-PT238-FT-BZ	Contractor Select Square Straight Steel Pole, 25', 4" Shaft, 11 Gauge, Post Top 2 3/8" Tenon With Flat Top Pole Cap Included, Bronze, Base Cover, Anchor Bolts & Template
LL-CS-SSS-30-5-11-PT238-FT-BZ	Contractor Select Square Straight Steel Pole, 30', 5" Shaft, 11 Gauge, Post Top 2 3/8" Tenon With Flat Top Pole Cap Included, Bronze, Base Cover, Anchor Bolts & Template
LL-CS-SSS-30-5-7-PT238-FT-BZ	Contractor Select Square Straight Steel Pole, 30', 5" Shaft, 7 Gauge, Post Top 2 3/8" Tenon With Flat Top Pole Cap Included, Bronze, Base Cover, Anchor Bolts & Template
LL-CS-SSS-10-4-11-PT238-FT-BK	Contractor Select Square Straight Steel Pole, 10', 4" Shaft, 11 Gauge, Post Top 2 3/8" Tenon With Flat Top Pole Cap Included, Black, Base Cover, Anchor Bolts & Template
LL-CS-SSS-15-4-11-PT238-FT-BK	Contractor Select Square Straight Steel Pole, 15', 4" Shaft, 11 Gauge, Post Top 2 3/8" Tenon With Flat Top Pole Cap Included, Black, Base Cover, Anchor Bolts & Template
LL-CS-SSS-20-4-11-PT238-FT-BK	Contractor Select Square Straight Steel Pole, 20', 4" Shaft, 11 Gauge, Post Top 2 3/8" Tenon With Flat Top Pole Cap Included, Black, Base Cover, Anchor Bolts & Template
LL-CS-SSS-25-4-11-PT238-FT-BK	Contractor Select Square Straight Steel Pole, 25', 4" Shaft, 11 Gauge, Post Top 2 3/8" Tenon With Flat Top Pole Cap Included, Black, Base Cover, Anchor Bolts & Template
LL-CS-SSS-30-5-11-PT238-FT-BK	Contractor Select Square Straight Steel Pole, 30', 5" Shaft, 11 Gauge, Post Top 2 3/8" Tenon With Flat Top Pole Cap Included, Black, Base Cover, Anchor Bolts & Template
LL-CS-SSS-10-4-11-PT238-FT-WH	Contractor Select Square Straight Steel Pole, 10', 4" Shaft, 11 Gauge, Post Top 2 3/8" Tenon With Flat Top Pole Cap Included, White, Base Cover, Anchor Bolts & Template
LL-CS-SSS-15-4-11-PT238-FT-WH	Contractor Select Square Straight Steel Pole, 15', 4" Shaft, 11 Gauge, Post Top 2 3/8" Tenon With Flat Top Pole Cap Included, White, Base Cover, Anchor Bolts & Template
LL-CS-SSS-20-4-11-PT238-FT-WH	Contractor Select Square Straight Steel Pole, 20', 4" Shaft, 11 Gauge, Post Top 2 3/8" Tenon With Flat Top Pole Cap Included, White, Base Cover, Anchor Bolts & Template
LL-CS-SSS-25-4-11-PT238-FT-WH	Contractor Select Square Straight Steel Pole, 25', 4" Shaft, 11 Gauge, Post Top 2 3/8" Tenon With Flat Top Pole Cap Included, White, Base Cover, Anchor Bolts & Template
LL-CS-SSS-30-5-11-PT238-FT-WH	Contractor Select Square Straight Steel Pole, 30', 5" Shaft, 11 Gauge, Post Top 2 3/8" Tenon With Flat Top Pole Cap Included, White, Base Cover, Anchor Bolts & Template