





A DIFFERENT WAY OF LIGHT



Dimensions in Inches



WARNING: Do not install light pole without luminaire.

A Mtg. Hgt.	B Wall Gauge	C Butt Sq.	Max. Total Luminaire Weight (165)	90	100	MA 110	ximum E 120	PA 130	140	Catalog Number	Anchor Bolt Kit Part Number
10	11	4	385	25.4	20.1	18.7	15.3	12.8	10.7	VSSS10B4-4-**	BT82352
12	11	4	340	20.6	16.2	15.0	12.2	10.0	8.3	VSSS12B4-4-**	BT82352
14	11	4	305	17.0	13.2	12.1	9.7	7.8	6.3	VSSS14B4-4-**	BT82352
15	11	4	290	15.5	11.9	10.9	8.6	6.9	5.5	VSSS15B4-4-**	BT82352
16	11	4	275	14.0	10.7	9.7	7.6	6.0	4.7	VSSS16B4-4-**	BT82352
18	11	4	250	11.3	8.4	7.6	5.8	4.3	3.2	VSSS18B4-4-**	BT82352
20	11	4	230	9.1	6.6	5.8	4.2	2.9	1.9	VSSS20B4-4-**	BT82352
20	11	5	285	16.3	12.1	10.9	8.2	6.2	4.5	VSSS20B5-4-**	BT82351
20	7	4	290	15.1	11.5	10.5	8.2	6.5	5.1	VSSS20D4-4-**	BT82353
20	7	5	410	26.2	20.3	18.6	14.8	11.9	9.6	VSSS20D5-4-**	BT82351
22	11	4	215	7.2	4.9	4.3	2.8	1.7	0.8	VSSS22B4-4-**	BT82352
22	11	5	260	13.3	9.6	8.5	6.1	4.3	2.8	VSSS22B5-4-**	BT82351
22	7	4	265	12.6	9.5	8.6	6.5	5.0	3.7	VSSS22D4-4-**	BT82353
22	7	5	370	22.4	17.1	15.6	12.2	9.6	7.5	VSSS22D5-4-**	BT82351
25	11	4	200	4.8	2.8	2.3	1.1	-	-	VSSS25B4-4-**	BT82352
25	11	5	225	9.7	6.5	5.6	3.5	1.9	0.7	VSSS25B5-4-**	BT82351
25	7	4	235	9.7	6.9	6.2	4.5	3.1	2.0	VSSS25D4-4-**	BT82353
25	7	5	320	17.7	13.1	11.9	9.0	6.7	4.9	VSSS25D5-4-**	BT82351
28	11	5	200	6.6	3.8	3.0	1.3	-	-	VSSS28B5-4-**	BT82351
28	7	4	215	7.1	4.8	4.1	2.7	1.5	•	VSSS28D4-4-**	BT82353
28	7	5	285	13.8	9.8	8.7	6.2	4.3	2.7	VSSS28D5-4-**	BT82351
30	11	5	200	4.8	2.2	1.5	-	-	-	VSSS30B5-4-**	BT82351
30	7	4	205	5.7	3.6	3.0	1.6	-	-	VSSS30D4-4-**	BT82353
30	7	5	265	11.6	8.0	6.9	4.6	2.8	1.4	VSSS30D5-4-**	BT82351
30	7	6	345	19.1	13.6	12.1	8.6	5.9	3.8	VSSS30D6-4-**	BT82351
35	7	5	220	7.0	4.0	3.1	1.2	-	-	VSSS35D5-4-**	BT82351
35	7	6	280	12.5	8.0	6.7	3.8	1.6	-	VSSS35D6-4-**	BT82351
39	7	6	240	8.2	4.2	3.1	0.6	-	-	VSSS39D6-4-**	BT82351



The catalog number for Venture Lighting poles utilizes the following identification system.



Catalog Number Example -

VSSS 20 D 5 - 4 — BA Square Straight Steel, 20' Mounting Height, 7 Gauge, 5" Butt Square, No Taper, 4-Bolt Base, Black Powder Coat Finish.

Wall Gauge

B = 11 Gauge

D = 7 Gauge

Butt Square

4 = 4" 5 = 5"

6 = 6"

- -

Top Square - = No Taper

Base Style

4 = 4-Bolt Anchor Base

Finish

- BA = Black Powder Coat
- BH = White Powder Coat
- BM = Dark Bronze Powder Coat

BV = Dark Green Powder Coat

- GC = Gray Powder Coat
- $\star \star =$ Specify Finish
- 00 = Galvanized Only (No Powder Coat)

Galvanization

 $\mathbf{G} = \mathbf{Galvanized}$

Code "G" to be used only if pole is to be specified "Powder Paint Over Galvanized" or "Galvanized Only".



ABS plastic base covers are standard in all VSSS poles specified in BA-Black, BM-Dark Bronze, and BH-White. VSSS poles specified in all other colors will be manufactured of metal materials. Metal Base Covers for poles in BA, BM and BH can be specified.

EPA Notes:

Effective Projected Area (EPA) in square feet. EPA's calculated using wind velocity (mph) indicated in accordance with 2009 AASHTO LTS-5 using a 25 year design life. Maximum EPA is based on the luminaire weight shown. Increased luminaire weight may reduce the maximum EPA. If weight is exceeded, or if other design life or code is required, please consult the factory.



3



C	D	F	G	H	
BUTT DIA.	TOP DIA.	BOLT CIR. DIA.	BASE SQ.	BOLT PROJ.	BOLT SIZE
3	3	7.5-8.5	8	3.75	.75 x 17 x 3
4	4	7.5-8.5	8	3.75	.75 x 17 x 3
4.5	4.5	7.5-8.5	8	3.75	.75 x 17 x 3
5 (11 Gauge)	5	7.5-8.5	8	3.75	.75 x 17 x 3
5 (7 Gauge)	5	8-9	8.75	4.875	1 x 36 x 4

Dimensions in Inches

Tenon Mount

For Tenon Mount applications specify both Tenon diameter (2.375", 2.875", 3.5", 4", etc.) and length (3", 4", 5", 6", etc.).



WARNING: Do not install light pole without luminaire.

0°

90°

Bolt Size

A	B	C	MAX. TOTAL			MA		DA			ANCHOR BOIT KIT
HGT.	GAUGE	DIA.	WEIGHT (lbs)	90	100	110	120	130	140	CATALOG NUMBER	PART NUMBER
8	11	3.0	525	10.2	8.1	7.5	6.2	5.1	4.3	VRSS08B3-4-**	BT82352
8	11	4.0	600	21.5	17.2	16	13.2	11.1	9.5	VRSS08B4-4-**	BT82352
8	11	4.5	600	28.3	22.7	21.1	17.5	14.9	12.8	VRSS08BG-4-**	BT82352
10	11	3.0	440	8.1	6.3	5.8	4.7	3.8	3.1	VRSS10B3-4-**	BT82352
10	11	4.0	600	16.9	13.4	12.4	10.1	8.4	7.1	VRSS10B4-4-**	BT82352
10	11	4.5	600	22.6	18	16.7	13.8	11.6	10	VRSS10BG-4-**	BT82352
12	11	3.0	370	6.5	5	4.5	3.6	2.8	2.2	VRSS12B3-4-**	BT82352
12	11	4.0	600	13.4	10.4	9.6	7.8	6.3	5.3	VRSS12B4-4-**	BT82352
12	11	4.5	600	18.3	14.4	13.3	10.8	9.1	7.8	VRSS12BG-4-**	BT82352
14	11	3.0	320	5.1	3.8	3.4	2.6	2	1.5	VRSS14B3-4-**	BT82352
14	11	4.0	555	10.8	8.3	7.6	6	4.8	4	VRSS14B4-4-**	BT82352
14	11	4.5	600	14.8	11.5	10.6	8.5	7.1	6	VRSS14BG-4-**	BT82352
15	11	4.0	510	9.8	7.4	6.8	5.3	4.1	3.4	VRSS15B4-4-**	BT82352
15	11	4.5	600	13.3	10.2	9.3	7.4	6.2	5.2	VRSS15BG-4-**	BT82352
16	11	3.0	275	4	2.8	2.5	1.8	1.2	0.8	VRSS16B3-4-**	BT82352
16	11	4.0	470	8.9	6.7	6.1	4.7	3.6	2.9	VRSS16B4-4-**	BT82352
16	11	4.5	600	11.9	9.1	8.3	6.5	5.4	4.6	VRSS16BG-4-**	BT82352
18	11	3.0	245	2.9	1.9	1.7	1	-	-	VRSS18B3-4-**	BT82352
18	11	4.0	400	7.2	5.2	4.7	3.5	2.5	1.9	VRSS18B4-4-**	BT82352
18	11	4.5	510	9.8	7.3	6.6	5	4.1	3.4	VRSS18BG-4-**	BT82352
20	11	3.0	225	2	1.1	0.9	-	-	-	VRSS20B3-4-**	BT82352
20	11	4.0	340	5.7	4	3.5	2.4	1.6	1.1	VRSS20B4-4-**	BT82352
20	11	4.5	435	8	5.7	5.1	3.8	3	2.5	VRSS20BG-4-**	BT82352
20	11	5.0	540	10.6	7.8	7.2	5.8	4.8	4	VRSS20B5-4-**	BT82352
22	11	4.5	370	6.4	4.4	3.9	2.7	2.1	1.6	VRSS22BG-4-**	BT82352
22	11	5.0	460	8.7	6.2	5.6	4.5	3.7	3	VRSS22B5-4-**	BT82352
23	7	5.0	600	13.5	10	9.2	7.5	6.2	5.2	VRSS23D5-4-**	BT82351
25	11	4.0	240	2.8	1.5	1.1	-	-	-	VRSS25B4-4-**	BT82352
25	11	4.5	295	4.4	2.7	2.2	1.2	0.8	-	VRSS25BG-4-**	BT82352
25	11	5.0	365	6.3	4.1	3.7	2.9	2.2	1.7	VRSS25B5-4-**	BT82352
25	7	5.0	570	11.2	8.1	7.4	6	4.9	4	VRSS25D5-4-**	BT82351
30	11	4.5	205	1.8	-	-	-	-	-	VRSS30BG-4-**	BT82352
30	11	5.0	245	3.1	1.4	1.1	0.6	-	-	VRSS30B5-4-**	BT82352
30	7	5.0	395	7.1	4.6	4.1	3.1	2.4	1.9	VRSS30D5-4-**	BT82351
35	7	5.0	270	38	17	15	0.0			VPSS35D5-/1-**	RT82351





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Round ABS plastic base covers are standard in all 11 Gauge VRSS poles that are specified in the following powder coat finishes: BA-Black, BM-Dark Bronze, and BH-White. *For 7 Gauge poles and all other colors please see Square Metal base cover note below.*



Square Metal powder coated base covers are standard in all 11 Gauge VRSS poles that are specified in colors other than BA-Black, BM-Dark Bronze, and BH-White <u>AND</u> in all 7 Gauge poles in ALL COLORS. *Custom specification of VRSS Square Metal style base covers in BA, BM and BH powder coated finishes is available.*



Catalog Number System

The catalog number for Venture Lighting poles utilizes the following identification system.



Catalog Number Example -

VRSS 20 B 4 - 4 - BH

Round Straight Steel, 20' Mounting Height, 11 Gauge, 4" Butt Diameter, No Taper, 4-Bolt Base, White Powder Coat Finish.

Wall Gauge

B = 11 Gauge

D = 7 Gauge

Butt Diameter

3 = 3" 4 = 4"

G = 4.5" 5 = 5"

Top Diameter

- = No Taper

Base Style

4 = 4-Bolt Anchor Base

Finish

BA = Black Powder Coat BH = White Powder Coat BM = Dark Bronze Powder Coat BV = Dark Green Powder Coat GC = Gray Powder Coat ** = Specify Finish

00 = Galvanized Only (No Powder Coat)

Galvanization

 $\mathbf{G} = \mathbf{Galvanized}$

Code "G" to be used only if pole is to be specified "Powder Paint Over Galvanized" or "Galvanized Only".



Effective Projected Area (EPA) in square feet. EPA's calculated using wind velocity (mph) indicated in accordance with 2009 AASHTO LTS-5 using a 25 year design life. Maximum EPA is based on the luminaire weight shown. Increased luminaire weight may reduce the maximum EPA. If weight is exceeded, or if other design life or code is required, please consult the factory.



WARNING: Do not install light pole without luminaire. Tel. 800-451-2606 • VentureLighting.com

Tenon diameter (2.375", 2.875", 3.5", 4",

etc.) and length (3", 4",5", 6", etc.).

6

1.25 x 48 x 6

1 x 48 x 4

1.25 x 48 x 6

1.5 x 54 x 6

Dimensions in Inches

5.875

4.875

5.875

6.75

9.0 (7 Gauge)

10

11

12

VENTURE

*Nominal

13 - 14

13.5 - 14.5

15 - 16

16 - 17

12.75

13

14

15.5

A DIFFERENT WAY OF LIGHT

A	B WALL	C Butt	D Top	MAX. TOTAL			M	YIMIIM B	PΔ			ANCHOR ROLT KIT
HGT.	GAUGE	DIA.	DIA.	WEIGHT (lbs)	90	100	110	120	130	140	CATALOG NUMBER	PART NUMBER
10	11	4.5	3.1	370	31.8	25.5	23.7	19.7	16.6	14.1	VRTS10B45-4-**	BT82352
14	11	5.2	3.1	365	31	24.7	22.9	18.9	15.8	13.4	VRTS14B52-4-**	BT82352
20	11	6.1	3.3	340	25.9	20.4	18.8	15.4	12.8	10.8	VRTS20B61-4-**	BT82353
20	11	6.6	3.7	385	25.5	20	18.5	15.2	12.6	10.7	VRTS20B66-4-**	BT82351
25	11	6.1	2.6	280	19	14.7	13.5	10.9	8.8	7.3	VRTS25B61-4-**	BT82353
25	11	6.8	3.3	325	19.4	15	13.8	11.1	9.1	7.5	VRTS25B68-4-**	BT82353
25	11	7.0	3.3	325	25.9	20.3	18.7	15.2	12.6	10.6	VRTS25B70-4-**	BT82351
30	11	6.8	2.6	275	14.7	11.1	10.1	7.9	6.2	5	VRTS30B68-4-**	BT82353
30	11	7.0	2.6	275	19.4	15	13.8	11	8.9	7.3	VRTS30B70-4-**	BT82351
30	11	7.5	3.3	315	24.5	19	17.5	14.2	11.7	9.7	VRTS30B75-4-**	BT82351
30	11	8.0	3.8	345	28.5	22.3	20.6	16.8	14	11.8	VRTS30B80-4-**	BT82351
30	11	8.5	4.3	375	32.3	25.5	23.6	19.5	16.3	13.9	VRTS30B85-4-**	BT82351
30	11	9.0	4.8	405	35.9	28.5	26.5	21.9	18.4	15.7	VRTS30B90-4-**	BT39196
30	7	9.0	4.8	590	58.3	46.7	43.5	36.2	30.6	26.2	VRTS30D90-4-**	BT39196
35	11	7.5	2.6	265	18.6	14.4	13.2	10.5	8.4	6.8	VRTS35B75-4-**	BT82351
35	11	8.1	3.2	300	22.8	17.6	16.2	12.9	10.5	8.7	VRTS35B81-4-**	BT82351
35	11	8.5	3.6	320	25.2	19.5	18	14.5	11.9	10	VRTS35B85-4-**	BT82351
35	11	9.0	4.1	345	28.1	21.9	20.3	16.6	13.8	11.6	VRTS35B90-4-**	BT39196
35	7	9.1	4.1	490	46.6	36.9	34.3	28.3	23.8	20.3	VRTS35D90-4-**	BT39196
39	11	8.1	2.6	265	18.3	14.1	12.9	10.3	8.2	6.6	VRTS39B81-4-**	BT82351
39	11	9.0	3.5	305	23.3	18	16.5	13.2	10.8	8.9	VRTS39B90-4-**	BT39196
39	7	9.0	3.5	425	38.6	30.5	28.2	23.2	19.4	16.4	VRTS39D90-4-**	BT39196
39	11	10.0	4.5	350	26.8	20.9	19.3	15.8	13.1	11	VRTS39B10-4-**	BT272-001
39	7	11.0	5.5	600	53.7	43	40	33.2	27.9	23.6	VRTS39D11-4-**	BT39196

2-Piece Shaft Design

A Mtg.	B Wall	C Butt	D Top	Max. Total Luminaire		Maximum EPA						Anchor Bolt Kit
Hgt.	GAUGE	Dia.	DIA.	WEIGHT (lbs)	90	100	110	120	130	140	CATALOG NUMBER	Part Number
45	7	11	4.8	150	42.8	33.8	31.4	25.9	21.6	18.2	VRTS45D11-4-**	BT39196
50	7	11	4.1	150	32.1	26.3	24.9	20.9	17.2	14.4	VRTS50D11-4-**	BT39196



Square Metal powder coated base covers are standard in all VRTS poles.

Catalog Number System

The catalog number for Venture Lighting poles utilizes the following identification system.



Catalog Number Example -

VRTS 30 B 80 - 4 - BM

Round Tapered Steel, 30' Mounting Height, 11 Gauge, 8.0" Butt Diameter, Tapered, 4-Bolt Base, Dark Bronze Powder Coat Finish.

Wall Gauge

B = 11 Gauge

D = 7 Gauge

Butt Diameter

 $\begin{array}{l} 45 = 4.5"\\ 52 = 5.2"\\ 61 = 6.1"\\ 66 = 6.6"\\ 68 = 6.8"\\ 70 \ (Nominal) = 6.8"\\ 75 = 7.5"\\ 80 = 8.0"\\ 81 = 8.1"\\ 8.5 = 8.5"\\ 9.0 = 9.0"\\ 10 = 10"\\ 11 = 11"\\ 12 = 12"\end{array}$

Top Diameter

- = Varies (See Table)

Base Style

4 = 4-Bolt Anchor Base

Finish

BA = Black Powder Coat

- BH = White Powder Coat
- BM = Dark Bronze Powder Coat BV = Dark Green Powder Coat
- GC = Gray Powder Coat
- $\star \star =$ Specify Finish
- 00 = Galvanized Only (*No Powder Coat*)

Galvanization

G = Galvanized

Code "G" to be used only if pole is to be specified "Powder Paint Over Galvanized" or "Galvanized Only".

EPA Notes:

Effective Projected Area (EPA) in square feet. EPA's calculated using wind velocity (mph) indicated in accordance with 2009 AASHTO LTS-5 using a 25 year design life. Maximum EPA is based on the luminaire weight shown. Increased luminaire weight may reduce the maximum EPA. If weight is exceeded, or if other design life or code is required, please consult the factory.



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Vibration Dampeners

Wind Induced Vibration

There are two common types of wind-induced vibration observed in poles: First Mode Vibration and Second Mode Vibration (*See illustrations to the left*).

First Mode Vibration (PA56127)

In first mode vibration, sometimes referred to as sway, the maximum deflection occurs at the top of the pole. First mode oscillation typically occurs at a low frequency of approximately one cycle per second. Normal deflection of this shape usually is not harmful to the pole or luminaire, but first mode oscillating vibration will cause damage and failure.

Second Mode Vibration (PA56128)

Second mode vibration can be the most damaging form of vibration. It occurs approximately at the midpoint of the pole with the deflection off center equal from side-to-side. It occurs at a higher frequency, typically three to six cycles per second. Second mode vibration occurs when the wind synchronizes with the pole's natural frequency of vibration. This is known as resonance. As the steady low level wind moves past the pole, vortices are shed alternately from either side of the structural shaft causing displacement oscillations in a direction perpendicular to that of the wind. Vortices are a swirling motion or pattern of the wind. The most serious situation arises when the vortex-shedding frequency synchronizes with the natural period of vibration in the pole, which can ultimately fatigue the pole to structural failure.



Wind induced vibration can be caused by steady, relatively low-speed wind (10-30 mph), by topography and by the structure to which the pole is mounted or nearby structures. Destructive vibration is not an indication of substandard material, workmanship or design of pole.

Department of Energy Wind Map

Locations with high average wind speeds are more prone to pole vibration problems than locations with high maximum wind speeds. Areas of high average wind speeds can be identified on the U.S. Department of Energy Residential Scale 30 Meter Wind Map which can be accessed at the U.S. Department of Energy website.



Vibration Dampers

Venture Lighting is proud to offer industry-leading steel poles to coordinate with our area lighting LED luminaires. Venture Lighting has partnered with an industry leader in pole design and manufacturing. Our partner's decades of research and testing has led to the knowledge and background to assure that customers receive the safest, longest lasting pole designs.

To minimize the effects of first or second mode vibration, manufacturers have developed dampers which very effectively quell wind induced vibration of lighting poles.





Free Vibration of Test Pole with Impact Damper



The average wind speeds indicated on this map are model-derived estimates that may not represent the true wind resource at any given location. Small terrain features, vegetation, buildings and atmospheric effects may cause the wind speed to depart from the map estimates. Expert advice should be sought in placing wind turbines and estimating their energy production.

Source: Wind resource estimates developed by AWS Truepower, LLC. Map developed by NREL. Spatial resolution of wind resource data: 2.0 km. Projection: Albers Equal Area WGS84.



Vibration Dampeners

1st Mode Vibration Dampers (PA56127) Venture Lighting's pole partner's patented First Mode Vibration Damper is field installed at the top of square poles. This damper very effectively reduces first mode vibration of square lighting poles. Due to potential vibration fatigue issues that can be associated with moderate wind conditions, First Mode Dampers are recommended for square poles with mounting heights greater than 25' and for square poles with light loading fixtures less than 2.0 EPA.



2nd Mode Vibration Dampers (PA56128)

The Venture Lighting's Pole Partner's Second Mode Damper was awarded the industry's first patent in the vibration damping category in 1972.

The Second Mode Dampener is attached to the pole at approximately the midpoint of the pole, and can be factory bolted inside the pole or field mounted on the inside or outside of an existing pole. Based on past experience, some Venture Lighting poles include factory-installed Second Mode Vibration Dampers as a standard component. If the poles you intend to order are to be bridge mounted, used as camera poles, or may be subject to unusual site conditions, wide open terrain, steady or high energy prevailing winds, or other site conditions as mentioned, please make Venture Lighting aware of these conditions. Or, if your installed poles are exhibiting oscillation, contact Venture Lighting to pursue a damping solution that may include installing a Venture Lighting Second Mode Damper on the poles.

Second Mode Vibration Dampener

85 MPH

🔲 120 MPH

130 MPH

140 MPH

150 MPH

GFI Options

For customers who would like an option to power holiday decorations, speakers for a street event, or other small equipment used for pole or street maintenance, a 120V GFCI receptacle can be mounted into the pole. The receptacle is a 20 Amp 120V Duplex GFCI and is weather resistant (WR) and UL approved.



First Mode Vibration Dampener PA56127

Wind Map

(4' Square Pole)

2009 AASHTO LTS-5 specification 3-second gust basic wind speeds (mph) with gust effect factor (G) of 1.14 and 25 year design life wind map (ASCE 7-05) is shown above. This wind map should be used to determine wind velocity for your specific location. If you are located between two different velocity isotach lines, the higher velocity should be used. Local isolated high wind conditions can be devastating to poles and luminaires not designed for such conditions. Additionally, constant winds in the 10-25 mph range can severely damage certain poles and luminaires by vibration. Follow the guidelines shown in the map.

	Wing Speeds -	Other Re	gions			
	LOCATION	MPH	(M/S)			
	Hawaii	105	(47)		🔲 85 MPH	120
	Puerto Rico	145	(65)		⊐ 90 MPH	130
	Guam	170	(76)			
	Virgin Islands	145	(65)			140
	American Samoa	125	(56)		I 10 MPH	150
	Alaska	90-130	(40-58)		Special Wind	d Region
VEN	ITI IRF [®]	_			- •	-
		ΑΙ	DIFF	ERENT	WAY O	f Light





90 MPH

100 MPH

110 MPH

150 MPH

130 MP

140 MPH

140 MPI

120 MPH

140 MPH

150 MPH

Venture LED Area Lighting

Coordinating Area Lighting fixtures

Venture Lighting's LED area lighting luminaries include the VFlood and the Environ families.

VFlood

Available in 121W and 285W, these fixtures are assembled in the U.S.A. at our manufacturing center in greater Cleveland, Ohio.

- Rugged die cast housing with a durable powder coat finish
- Vandal resistant polycarbonate lens
- Twist lock photocell receptacle and shorting cap included with the fixture.
- Operating temperature range of -40° C to 40° C
- 10kA surge protection
- DesignLights Consortium® (DLC) qualified
- 0-10V DC dimming standard

Environ

Available in 120W, 150W, 200W, 300W and 480W, these fixtures are assembled in the U.S.A. at our manufacturing center in greater Cleveland, Ohio.

Low profile design featuring long life and low maintenance. Perfect for new construction and easy replacement of existing area lighting fixtures. The robust design paired with a variety of mounting options makes them ideal for locations, such as, retail, parking and street lighting.

- Rugged die cast housing with a durable powder coat finish
- Vandal resistant polycarbonate lens
- Optical chamber is sealed and gasketed
- Capable of adding motion sensor (factory installed)
- Each fixture will be supplied with a 7-pin receptacle and a shorting cap
- Operating temperature range of -40° C to 40° C
- 10kA surge protection
- 5 year warranty
- 80% Energy Savings
- UL Rated for wet locations
- Universal 120-277V 50/60 Hz input or 347-480V input
- 0-10V DC dimming standard to maximize energy savings







Venture Lighting Steel Poles Ordering Form

NOTE: For each different pole configuration, a different ordering form must be filled out completely

This is a required section and must be completed



Date Notes

Venture PO# (To be filled out by Venture Lighting)

		Installation Information —
Pole Order Code		Zip Code of pole installation
		Weight of each fixture
Pole Quantity with contiguration st	nown below	EPA of each fixture
Pole Customization complete th	is section	Number of fixtures on pole
Choose mounting designation option (Choose one)		Type of pole mounting accessory
Tenon on top of pole Custo	m cut pole length (Choose one)	(2-arm bullhorn, 4-arm spoke, etc.)
Pre-drilled pole	Yes	Weight of mounting accessory
No tenon or drilling	No	
		Vibration Dampener (Factory installed)
For tenon on top of pole comp	lete this section —	No vibration dampener needed
Tenon options must choose a diameter and a lenath	Diameter	Ist Mode Vibration Dampener
Tenon diameter option Tenon length option	$\stackrel{\longleftarrow}{\blacksquare} \uparrow$	
2.375" dia 3"	l enath	NOTE: For pole mounted cameras, select 1st and 2nd mode vibration dampeners
2.875" dia 4"	↓	
3.5" dia 5"	The second second	Base Cover Selection
4" dia 6"	Pole Top	Choose one
		Standard base cover specified in catalog (no extra charge)
		Metal cover for VSSS or VRSS pole(s) (with an extra charge)
For pre-arilied pole complete this	section	
Pre-drilled Pole Option Step 1 : (Choose one)	arm 0.375"	GFI Selection (Factory installed)
Venture LED VFlood arm	0.08 ⁻	Ground Fault Interrupter (Choose one)
Venture LED 120-200W Environ drm	2 00"	No GFI needed
Curtom	.00″	GFI factory installed
For custom option, customer must	Environ	GFI Location Code
provide a drill template	120-200W	See table below
Pre-drilled Pole Option Step 2:	μ	Code Standard GFI Location Code Standard GFI Location
Check boxes which are to be drilled:	0.4.	A SU UP, Opposite nananole N 48 UP, Over nananole P. 20" up over headbala D. 40" up 00° to sight of headbala
□180° 1	00" 2.00"	Γ 30" up 90° to right of handhole Γ 40 up 70 to right of handhole Γ 30" up 90° to right of handhole
		D 30" un 90° to left of handhole R 10' un onnosite handhole
	0.3	E 36" up, opposite handhole S 10' up, over handhole
	×´´´,	F 36" up, over handhole T 10' up, 90° to right of handhole
Handhole	Environ	G 36" up, 90° to right of handhole U 10' up, 90° to left of handhole
	63″	H 36" up, 90° to left of handhole V 15' up, opposite handhole
	•••••••••••••••••••••••••••••••••••••	I 24" up, opposite handhole W 15' up, over handhole
Side Drill Mount:		K 24" up, 90° to right of handhole X 15' up, 90° to right of handhole
For side drill mount applications specify 4	2.00″	L 24" up, 90° to left of handhole Y 15' up, 90° to left of handhole
A luminaire drilling template must be	+ +	M 48" up, opposite handhole
supplied at time of order. O.	63″	
L		

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STEEL POLES





A DIFFERENT WAY OF LIGHT

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