

STRUCTURAL DECORATIVE

VALUE SERIES

Introducing the New VALUE SERIES from Lumecon: A Structural Decorative Program offering our most popular Decorative Base profiles, sizes, and options in an economical, value priced

Simply Choose Base Option, Butt Diameter, Shaft Profile and Height.



ARLEN 17"
All Combinations



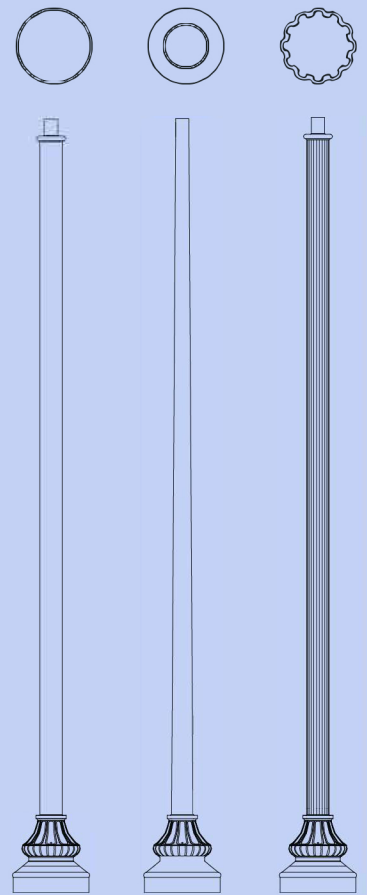
LARGE HOMEWOOD
All Combinations



LINCOLN
All Combinations



YORK 17"
All Combinations



PACKAGE OPTIONS

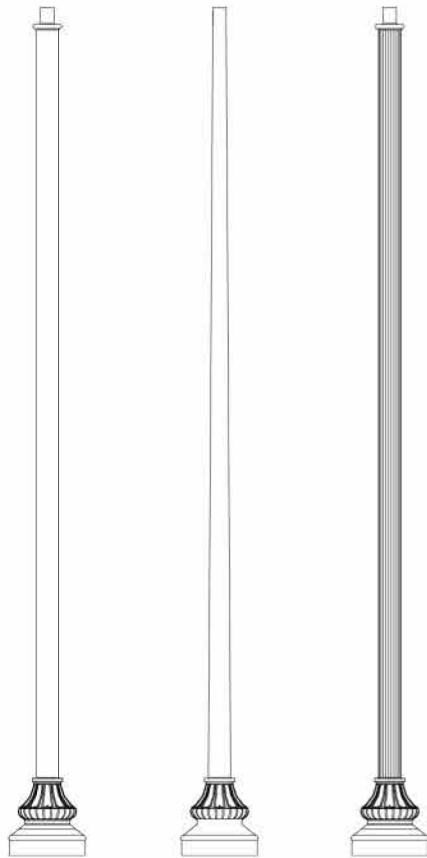
- *Straight Round, Straight Fluted, or Tapered Round*
- *4" or 5" Butt Diameters*
- *12' or 14' Mounting Heights*

Contact Lumecon for additional Height Availability

Lifetime
Pole Assembly
Warranty

AAMA 2604 Super
Durable Powder
in All Standard
Colors

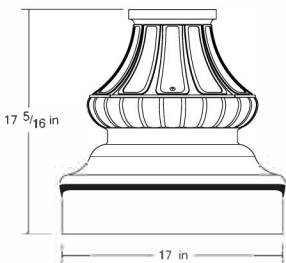
STRUCTURAL DECORATIVE
VALUE SERIES
ARLEN 17"



SRO
STRAIGHT
ROUND

TRO
TAPERED
ROUND

SFO
STRAIGHT
FLUTED



ANCHORAGE:
 The Value Series Arlen 17" has a bolt Circle of 12"-13" (Square and Diamond) and uses 3/4" diameter Anchor Bolts with a 2" projection.

Any ARLEN 17"
Value Series
Combination

PACKAGE OPTIONS

- Straight Round, Straight Fluted, or Tapered Round
 - 4" or 5" Butt Diameters
 - 12' or 14' Mounting Heights
- Contact Lumecon for additional Height Availability

Pole Smart Number Logic

	MOUNTING HEIGHT	BUTT DIA		
AVS	12	B	4	- SRO - **
BASE STYLE	WALL THICKNESS	POLE TYPE	FINISH CODE**	

Pole Catalog Number		Mounting Height	Butt Diameter	Top Diameter	Maximum EPA			
					90	110	130	
Straight Round 12'	AVS12B4-SR0	12 ft	4 in	4 in	9.2	5.6	3.5	2.2
	AVS12B5-SR0	12 ft	5 in	5 in	14.2	8.8	5.9	4.3
Tapered Round 12'	AVS12B4-TR0	12 ft	4 in	3 in	9.4	5.8	3.7	2.5
	AVS12B5-TR0	12 ft	5 in	3 in	14.8	9.4	6.2	4.4
Straight Fluted 12'	AVS12B4-SF0	12 ft	4 in	4 in	9.4	5.7	3.5	2.2
	AVS12B5-SF0	12 ft	5 in	5 in	14.0	8.6	5.6	3.8
Straight Round 14'	AVS14B4-SR0	14 ft	4 in	4 in	7.0	4.0	2.3	1.3
	AVS14B5-SR0	14 ft	5 in	5 in	11.4	6.8	4.4	3.1
Tapered Round 14'	AVS14B4-TR0	14 ft	4 in	3 in	7.3	4.3	2.6	1.6
	AVS14B5-TR0	14 ft	5 in	3 in	12.1	7.4	4.8	3.2
Straight Fluted 14'	AVS14B4-SF0	14 ft	4 in	4 in	7.2	4.1	2.3	1.3
	AVS14B5-SF0	14 ft	5 in	5 in	11.2	6.5	4.0	2.6

NOTE: EPA's are calculated with an assumed 75 lb. load at the listed mounting height. Wall thickness is 0.125".

STRUCTURAL DECORATIVE
VALUE SERIES
LARGE HOMEWOOD

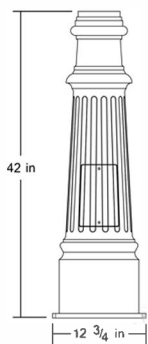
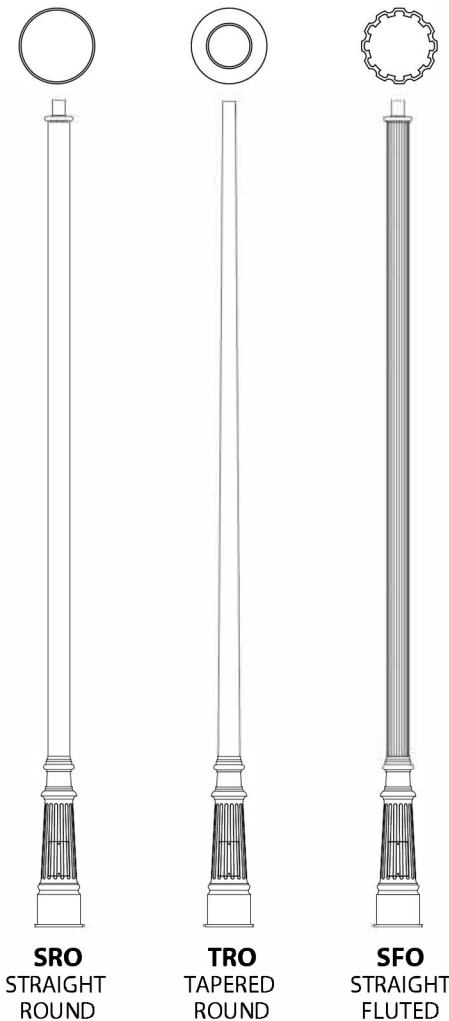


**Any LARGE
 HOMEWOOD
 Value Series
 Combination**

PACKAGE OPTIONS

- Straight Round, Tapered Round, or Straight Fluted
- 4" or 5" Butt Diameters
- 12' or 14' Mounting Heights

Contact Lumecon for additional Height Availability



ANCHORAGE
 The Value Series Large Homewood has a Bolt Circle of 13"-15" (Square) and uses 3/4" diameter Anchor Bolts with a 2" projection.

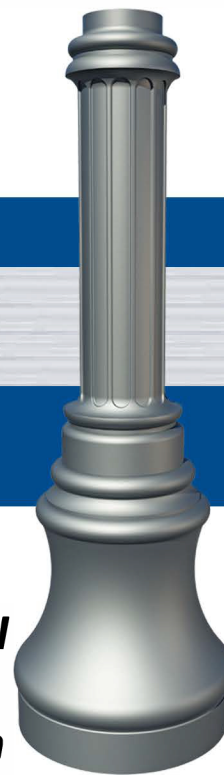
Pole Smart Number Logic

	MOUNTING HEIGHT	BUTT DIA		
HVS	12	B	4	- SRO - **
BASE STYLE	WALL THICKNESS	POLE TYPE	FINISH CODE**	

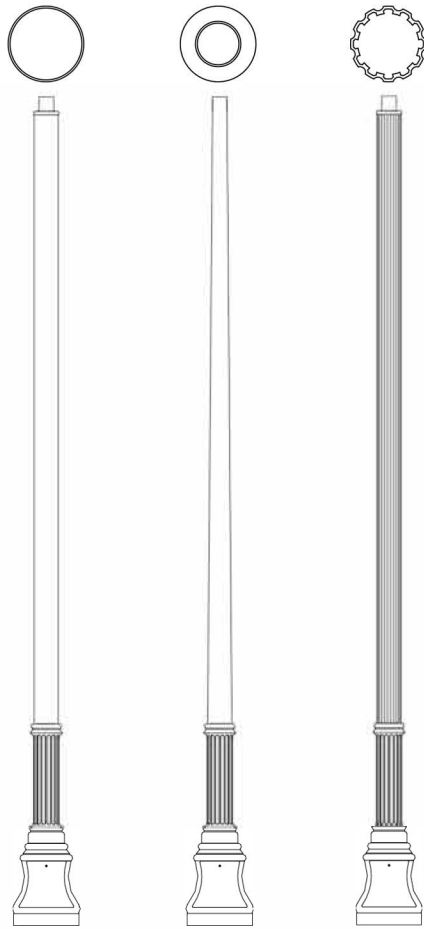
Pole Catalog Number	Mounting Height	Butt Diameter	Top Diameter	Maximum EP				
				90	110	130		
Straight Round 12'	HVS12B4-SR0	12 ft	4 in	4 in	9.9	6.3	4.1	2.9
	HVS12B5-SR0	12 ft	5 in	5 in	16.7	10.7	7.4	5.4
Tapered Round 12'	HVS12B4-TR0	12 ft	4 in	3 in	10.3	6.6	4.9	3.6
	HVS12B5-TR0	12 ft	5 in	3 in	17.4	11.4	8.5	6.5
Straight Fluted 12'	HVS12B4-SF0	12 ft	4 in	4 in	10.3	6.4	4.3	2.9
	HVS12B5-SF0	12 ft	5 in	5 in	16.4	10.4	7.1	5.1
Straight Round 14'	HVS14B4-SR0	14 ft	4 in	4 in	7.7	4.7	2.9	1.8
	HVS14B5-SR0	14 ft	5 in	5 in	13.2	8.2	5.6	4.0
Tapered Round 14'	HVS14B4-TR0	14 ft	4 in	3 in	8.1	5.0	3.6	2.6
	HVS14B5-TR0	14 ft	5 in	3 in	13.9	8.9	6.5	4.9
Straight Fluted 14'	HVS14B4-SF0	14 ft	4 in	4 in	7.9	4.8	3.0	1.8
	HVS14B5-SF0	14 ft	5 in	5 in	12.9	7.9	5.2	3.6

NOTE: EPA's are calculated with an assumed 75 lb. load at the listed mounting height. Wall thickness is 0.125".

STRUCTURAL DECORATIVE VALUE SERIES LINCOLN



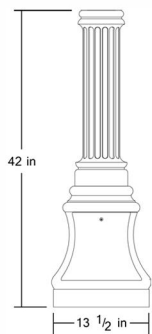
**Any LINCOLN
Value Series
Combination**



SRO
STRAIGHT
ROUND

TRO
TAPERED
ROUND

SFO
STRAIGHT
FLUTED



ANCHORAGE:
The Value Series
Lincoln has a Bolt
Circle of 8" - 10-1/2"
(Square and Diamond)
and uses 3/4" diameter
Anchor Bolts with a
2" projection.

PACKAGE OPTIONS

- Straight Round, Tapered Round, or Straight Fluted
 - 4" or 5" Butt Diameters
 - 12' or 14' Mounting Heights
- Contact Lumecon for additional Height Availability

Pole Smart
Number Logic

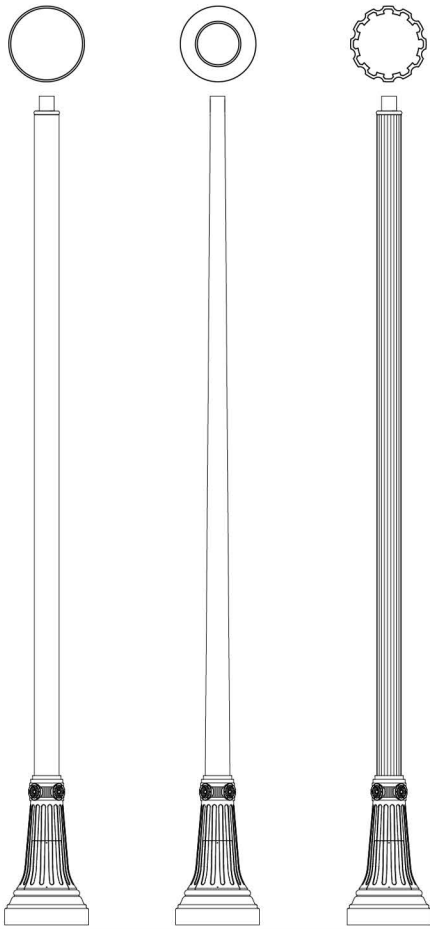
	MOUNTING HEIGHT	BUTT DIA			
	12	B	4	-	SRO
	BASE STYLE	WALL THICKNESS	POLE TYPE	FINISH CODE**	
				**	

Pole Catalog Number		Mounting Height	Butt Diameter	Top Diameter	Maximum EPA			
					90	110	130	
Straight Round 12'	LVS12B4-SR0	12ft	4in	4in	10.0	6.3	4.2	2.9
	LVS12B5-SR0	12ft	5in	5in	16.8	10.7	7.5	5.5
Tapered Round 12'	LVS12B4-TR0	12ft	4in	3in	10.2	6.5	4.4	3.1
	LVS12B5-TR0	12ft	5in	3in	17.1	11.1	7.7	5.6
Straight Fluted 12'	LVS12B4-SF0	12ft	4in	4in	10.4	6.5	4.3	3.0
	LVS12B5-SF0	12ft	5in	5in	16.5	10.5	7.2	5.2
Straight Round 14'	LVS14B4-SR0	14ft	4in	4in	7.8	4.7	3.0	1.9
	LVS14B5-SR0	14ft	5in	5in	13.2	8.3	5.6	4.1
Tapered Round 14'	LVS14B4-TR0	14ft	4in	3in	8.0	4.9	3.2	2.1
	LVS14B5-TR0	14ft	5in	3in	13.6	8.7	5.9	4.1
Straight Fluted 14'	LVS14B4-SF0	14ft	4in	4in	8.0	4.9	3.0	1.9
	LVS14B5-SF0	14ft	5in	5in	13.1	8.2	5.4	3.7

NOTE: EPA's are calculated with an assumed 75 lb. load at the listed mounting height. Wall thickness is 0.125".

STRUCTURAL DECORATIVE VALUE SERIES

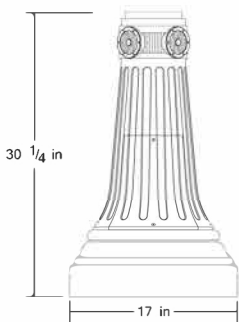
YORK 17"



SRO
STRAIGHT
ROUND

TRO
TAPERED
ROUND

SFO
STRAIGHT
FLUTED



ANCHORAGE:
The Value Series
York 17" has a
Bolt Circle of 12"-13"
(Square and Diamond)
and uses 3/4" diameter
Anchor Bolts with
a 2" projection.

Any YORK 17" Value Series Combination

PACKAGE OPTIONS

- Straight Round, Tapered Round, or Straight Fluted
 - 4" or 5" Butt Diameters
 - 12' or 14' Mounting Heights
- Contact Lumecon for additional Height Availability

Pole Smart
Number Logic

MOUNTING HEIGHT BUTT DIA

YVS 12 B 4 - SRO - **

BASE STYLE WALL THICKNESS POLE TYPE FINISH CODE**

Pole Catalog Number	Mounting Height	Butt Diameter	Top Diameter	Maximum EPA				
				90	110	130		
Straight Round 12'	YVS12B4-SR0	12ft	4in	4in	9.6	6.0	3.9	2.6
	YVS12B5-SR0	12ft	5in	5in	16.3	10.3	7.1	5.2
Tapered Round 12'	YVS12B4-TR0	12ft	4in	3in	9.8	6.2	4.1	2.8
	YVS12B5-TR0	12ft	5in	3in	16.8	10.8	7.4	5.3
Straight Fluted 12'	YVS12B4-SF0	12ft	4in	4in	9.9	6.1	4.0	2.6
	YVS12B5-SF0	12ft	5in	5in	16.0	10.1	6.8	4.8
Straight Round 14'	YVS14B4-SR0	14ft	4in	4in	7.4	4.4	2.6	1.7
	YVS14B5-SR0	14ft	5in	5in	12.9	7.9	5.3	3.8
Tapered Round 14'	YVS14B4-TR0	14ft	4in	3in	7.7	4.7	2.9	1.8
	YVS14B5-TR0	14ft	5in	3in	13.4	8.5	5.6	3.9
Straight Fluted 14'	YVS14B4-SF0	14ft	4in	4in	7.7	4.5	2.7	1.6
	YVS14B5-SF0	14ft	5in	5in	12.6	7.7	5.0	3.3

NOTE: EPA's are calculated with an assumed 75 lb. load at the listed mounting height. Wall thickness is 0.125".

DIRECT BURIED

VALUE SERIES

Lumecon offers Direct Buried applications in all four Structural Decorative Value Series Bases.



ARLEN 17"
All Combinations

LARGE HOMEWOOD
All Combinations



LINCOLN
All Combinations

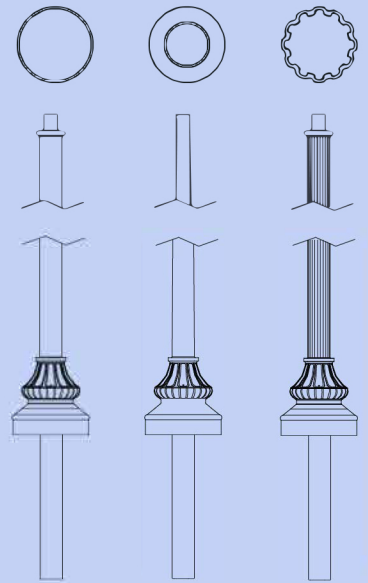
YORK 17"
All Combinations



DIRECT BURIED ADVANTAGES

- Ease of installation.
- Eliminates the need for foundations, requiring no Civil Engineer and no PE stamp, resulting in cost savings of \$300 - \$1000 per pole.
- Eliminates the need for bolt circle templates and anchor bolts.
- Speeds up the installation process while eliminating the additional freight charges of anchor bolts shipped in advance.
- Eliminates the use of shims or double nuts for leveling.
- Eliminates improper bolt projections that in many instances result in high and uneven base covers.
- Eliminates the need, time and expense to grout.
- Eliminates the possibility of foundation and anchor bolt replacement in the event of a knockdown.
- Allows aluminum to be cost competitive with composite and concrete while providing a more appealing and aesthetic appearance.
- Eliminates the possibility of improper pouring/setting of foundation.
- Allows simple future retrofits by eliminating the need to match an existing bolt circle.
- Ground acts as a natural damper, reducing the risk of wind induced vibration.

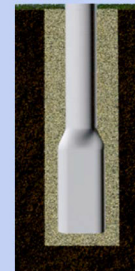
ELIMINATE THE NEED FOR FOUNDATIONS FOR FASTER, MORE COST EFFICIENT INSTALLATIONS!



SRO
STRAIGHT
ROUND

TRO
TAPERED
ROUND

SFO
STRAIGHT
FLUTED



DIRECT BURIED PACKAGE OPTIONS

- Straight Round, Straight Fluted, or Tapered Round
- 4" or 5" Butt Diameters
- 12' or 14' Mounting Heights

Contact Lumecon for additional Height Availability

Lifetime Pole Assembly Warranty

AAMA 2604 Super Durable Powder in All Standard Colors

STRUCTURAL DECORATIVE

VALUE SERIES

SPECIFICATION ADVANTAGES



Lifetime Warranty

Lumecon aluminum pole assemblies are now covered by a Lifetime Warranty.

Customer Benefit:

- Lifetime Quality...Guaranteed.



Tapered Poles

The ability to taper an aluminum pole is the single greatest difference between Lumecon and other pole providers. As one of a very few manufacturers in the country that can taper aluminum, Lumecon offers a distinct advantage over pole providers that purchase tapered aluminum and resell it to their customers.

Customer Benefit:

- A tapered pole is a more efficient pole. Less wind deflection at the top which allows for an increase in EPA and results in the ability to specify a lighter pole. The taller a pole, the more this is magnified.
- A tapered pole looks better. This is particularly true when using a post top fixture. It allows for a much more attractive transition. Most poles will be tapered to a three inch top which transitions to a 3" post top perfectly. Most round straight poles will be at a minimum top OD of 4". This results in a larger pole transitioning to a smaller post top fixture.



AASHTO Specifications or Local Building Codes

Selecting the precise pole for a project can result in significant savings. The Design Engineering team can design poles to AASHTO specifications and or applicable building codes.

All poles are designed to American Association of State Highway & Transportation Officials (AASHTO) standards. Not all manufacturers design to AASHTO, which is conservative by nature. The poles meets applicable material ASTM standards. All welders are American Welding Society (AWS) certified.

Customer Benefit:

- Assurance of the proper pole for the job through access to industry-leading Design and Engineering.

Shot Blast Surface Preparation Prior to Powder Coat

Proper surface preparation is a major factor in long lasting and adhering Powder Coat. This insures that items are contamination free. Prior to powder coating, if items become contaminated, the powder will not bake/bond to the item properly. This is the most commonly seen reason for powder to peel or flake off of installed items.

To insure items are contamination free, Lumecon utilizes a state-of-the-art shot blasting system. To further insure contamination free products, the shot blasting facility is a mere six yards from the powder coat system.

Customer Benefit:

- Proper adhesion of the powder coat to the item, assuring a long aesthetic life.
- Uniform powder coat as pole and base run through the system together.

STRUCTURAL DECORATIVE**VALUE SERIES****SPECIFICATION ADVANTAGES****AAMA 2604 (Super Durable) Powder Coating**

The American Architectural Manufacturers Association (AAMA) provides classifications for powder coating. These specifications have been widely recognized as the standards for testing and performance of organic coatings on architectural aluminum extrusions and panels. AAMA 2604 is known as Super Durable powder coat which is formulated with advance polyester resin technology that utilizes higher performance pigments. While many other manufacturers use the lesser 2603 as the standard, Super Durable 2604 is Hapco's standard powder coat. AAMA makes Southern Florida the benchmark for testing due to its extreme weather conditions. They guarantee Super Durable 2604 to withstand outdoor exposure for 5 years as opposed to 1 year for standard 2603.

Customer Benefit:

- Superior gloss and color retention over standard polyesters.
- Superior weathering capabilities.
- Better exterior durability, UV resistance and gloss retention. Accepts and holds onto electrical charge better and longer than standard powders.
- Reduces the overall cost of ownership of the pole by providing longer lasting aesthetics.

Heat Treating After Welding

When poles are welded to a base, the weld becomes the weakest part of the pole. Thicker walled poles must be used to compensate for this weakness. A stronger pole reduces the stress load on the weld. Heat treating after weld strengthens the weld by 70%. This allows Hapco to use thinner walled poles to achieve the same EPA. Many competitors do not have the ability to heat treat forcing them to use thicker materials resulting in more expense.

Customer Benefit:

- A more efficient pole which results in cost savings.



Please contact Lumecon Engineering for assistance in providing written specifications for your next project.
