

FE-A // FLUTED NON-TAPERED ALUMINUM

PEDESTRIAN METAL POLE



King Luminaire

POLE SPECIFICATIONS

MATERIAL:
Fluted Non-Tapered Aluminum

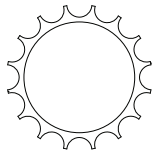
POLE HEIGHT:
10' - 19'

OPTIONS:
GFI - Ground Fault Receptacle
BA - Banner Arms
FPH - Flower Pot Holder
FH - Flag Holder

ALLOY:
6061-T6

FINISH:
Available in textured or smooth.

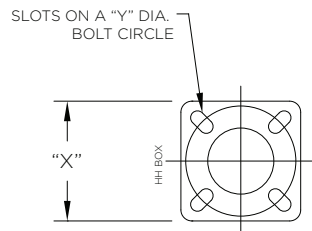
CROSS SECTION:



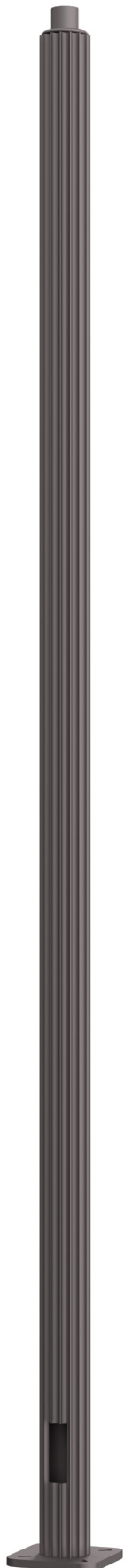
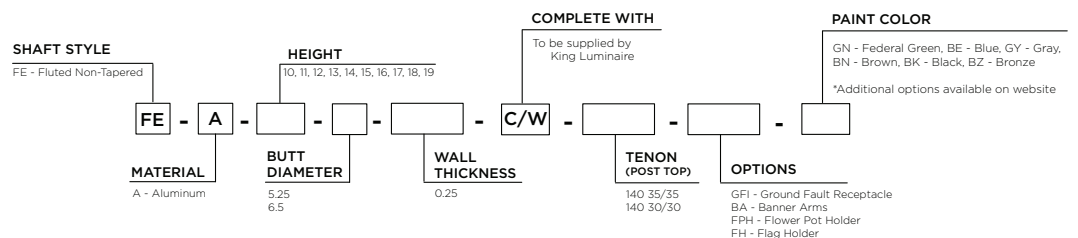
Fluted Non-Tapered (FE)

BASEPLATE DETAILS

Pole		Baseplate			Bolt Circle		Anchor Bolts	
Butt Diameter (In)	Wall Thickness (In)	"X" Square (In)	Thickness (In)	Corner Radius (In)	"Y" Dia. (In)	+/- (In)	Dia. x Length x Hook (In)	Projection (In)
5.25	0.25	11.25	0.75	1.75	10	1	0.75 x 27 x 3.75	3.25
6.5	0.25	12.0625	1	1.75	11	1	0.75 x 27 x 3.75	3.5



HOW TO ORDER



SHAFT DETAILS

FE-A PEDESTRIAN METAL POLE

FE ALUMINUM // Pole Details

Nominal Mounting Height (ft)	Catalog Code	Alloy	Butt (In)	Tip (In)	Wall Thickness (In)	Handhole	Wt. (lbs) *
10	FE-A-10-5.25-0.25	6061-T6	5.25	5.25	0.25	2" x 7 1/2" (MIN 7.5" AG)	60
	FE-A-10-6.5-0.25	6061-T6	6.5	6.5	0.25	2 1/2" x 7 1/2" (MIN 14" AG)	87
11	FE-A-11-5.25-0.25	6061-T6	5.25	5.25	0.25	2" x 7 1/2" (MIN 7.5" AG)	65
	FE-A-11-6.5-0.25	6061-T6	6.5	6.5	0.25	2 1/2" x 7 1/2" (MIN 14" AG)	94
12	FE-A-12-5.25-0.25	6061-T6	5.25	5.25	0.25	2" x 7 1/2" (MIN 7.5" AG)	70
	FE-A-12-6.5-0.25	6061-T6	6.5	6.5	0.25	2 1/2" x 7 1/2" (MIN 14" AG)	101
13	FE-A-13-5.25-0.25	6061-T6	5.25	5.25	0.25	2" x 7 1/2" (MIN 7.5" AG)	75
	FE-A-13-6.5-0.25	6061-T6	6.5	6.5	0.25	2 1/2" x 7 1/2" (MIN 14" AG)	108
14	FE-A-14-5.25-0.25	6061-T6	5.25	5.25	0.25	2" x 7 1/2" (MIN 7.5" AG)	79
	FE-A-14-6.5-0.25	6061-T6	6.5	6.5	0.25	2 1/2" x 7 1/2" (MIN 14" AG)	115
15	FE-A-15-5.25-0.25	6061-T6	5.25	5.25	0.25	2" x 7 1/2" (MIN 7.5" AG)	84
	FE-A-15-6.5-0.25	6061-T6	6.5	6.5	0.25	2 1/2" x 7 1/2" (MIN 14" AG)	122
16	FE-A-16-5.25-0.25	6061-T6	5.25	5.25	0.25	2" x 7 1/2" (MIN 7.5" AG)	89
	FE-A-16-6.5-0.25	6061-T6	6.5	6.5	0.25	2 1/2" x 7 1/2" (MIN 14" AG)	130
17	FE-A-17-5.25-0.25	6061-T6	5.25	5.25	0.25	2" x 7 1/2" (MIN 7.5" AG)	94
	FE-A-17-6.5-0.25	6061-T6	6.5	6.5	0.25	2 1/2" x 7 1/2" (MIN 14" AG)	137
18	FE-A-18-5.25-0.25	6061-T6	5.25	5.25	0.25	2" x 7 1/2" (MIN 7.5" AG)	99
	FE-A-18-6.5-0.25	6061-T6	6.5	6.5	0.25	2 1/2" x 7 1/2" (MIN 14" AG)	144
19	FE-A-19-6.5-0.25	6061-T6	6.5	6.5	0.25	2 1/2" x 7 1/2" (MIN 14" AG)	151

* Weight includes the pole shaft and baseplate.

SHAFT LOADING

FE ALUMINUM // Loading

Nominal Mounting Height (ft)	Catalog Code	Design Information // AASHTO LTS-6, Latest Revision **									
		90 MPH		100 MPH		110 MPH		120 MPH		150 MPH	
		Max EPA (sq ft)	Max Load (lbs)	Max EPA (sq ft)	Max Load (lbs)	Max EPA (sq ft)	Max Load (lbs)	Max EPA (sq ft)	Max Load (lbs)	Max EPA (sq ft)	Max Load (lbs)
10	FE-A-10-5.25-0.25	9.9	200	7.5	200	5.8	200	4.4	200	1.9	200
	FE-A-10-6.5-0.25	16.0	300	12.3	300	9.6	200	7.6	200	3.6	200
11	FE-A-11-5.25-0.25	8.5	200	6.3	200	4.7	200	3.5	200	1.2	200
	FE-A-11-6.5-0.25	13.8	300	10.5	300	8.1	200	6.2	200	2.7	200
12	FE-A-12-5.25-0.25	7.2	200	5.3	200	3.8	200	2.7	200	0.6	200
	FE-A-12-6.5-0.25	12.0	300	9.0	200	6.8	200	5.1	200	1.8	200
13	FE-A-13-5.25-0.25	6.1	200	4.3	200	3.0	200	1.9	200	-	-
	FE-A-13-6.5-0.25	10.4	300	7.7	200	5.6	200	4.0	200	1.0	200
14	FE-A-14-5.25-0.25	5.2	200	3.5	200	2.2	200	1.3	200	-	-
	FE-A-14-6.5-0.25	9.1	200	6.5	200	4.6	200	3.1	200	-	-
15	FE-A-15-5.25-0.25	4.3	200	2.7	200	1.5	200	0.7	200	-	-
	FE-A-15-6.5-0.25	7.8	200	5.4	200	3.6	200	2.3	200	-	-
16	FE-A-16-5.25-0.25	3.5	200	2.0	200	0.9	200	-	-	-	-
	FE-A-16-6.5-0.25	6.7	200	4.4	200	2.7	200	1.5	200	-	-
17	FE-A-17-5.25-0.25	2.7	200	1.3	200	-	-	-	-	-	-
	FE-A-17-6.5-0.25	5.6	200	3.5	200	1.9	200	0.7	200	-	-
18	FE-A-18-5.25-0.25	1.9	200	0.7	200	-	-	-	-	-	-
	FE-A-18-6.5-0.25	4.5	200	2.6	200	1.1	200	-	-	-	-
19	FE-A-19-6.5-0.25	3.6	200	1.8	200	-	-	-	-	-	-

** EPA represents the Effective Projected Area of the attachments on the pole. Designs are limited to post top luminaires or attachments located at or below the mounting height. Consult factory for poles supporting attachments located above the mounting height.

BASE COMPATIBILITY

FE-A PEDESTRIAN METAL POLE

Pole Butt Size	Split Bases								
	KSB10	KSB11	KSB16	KSB19	KSB20	KSB52	KSB70	KSB76	KSB77
5.25	Compatible	Compatible	Incompatible	Incompatible	Compatible	Incompatible	Compatible	Compatible	Compatible
6.5	Compatible	Compatible	Incompatible	Incompatible	Compatible	Compatible	Incompatible	Compatible	Compatible