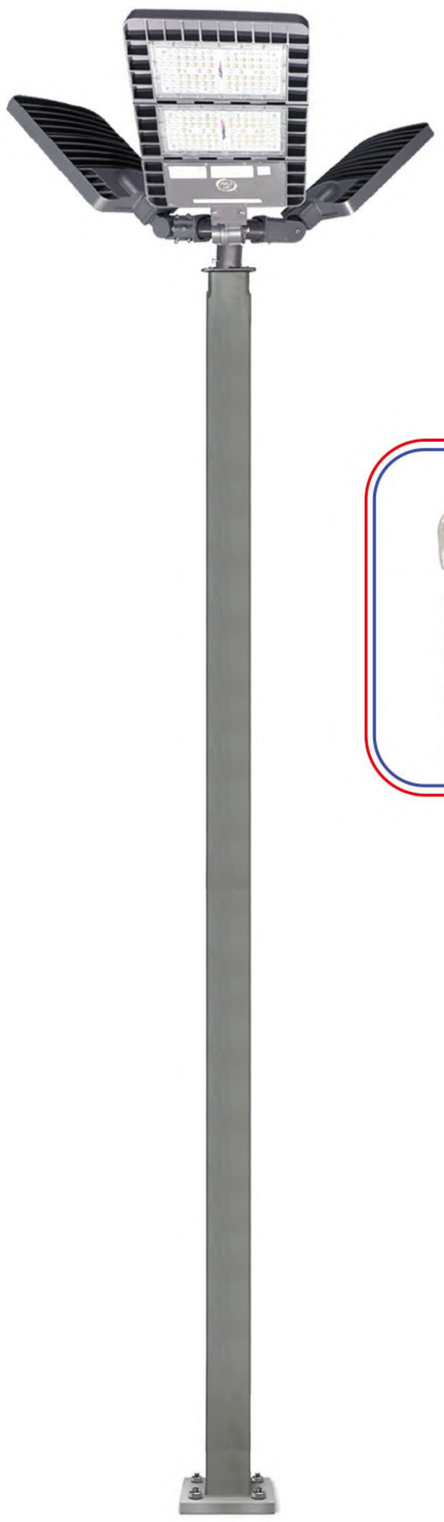
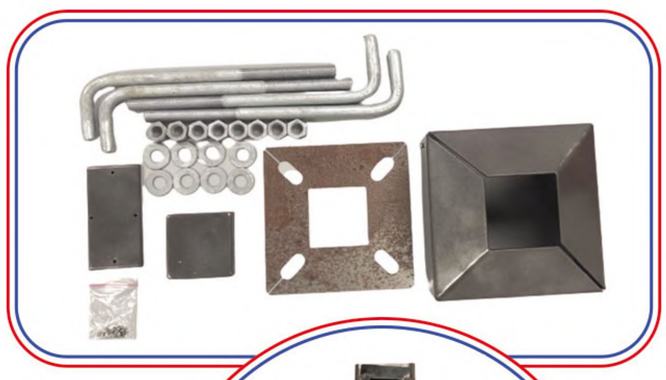
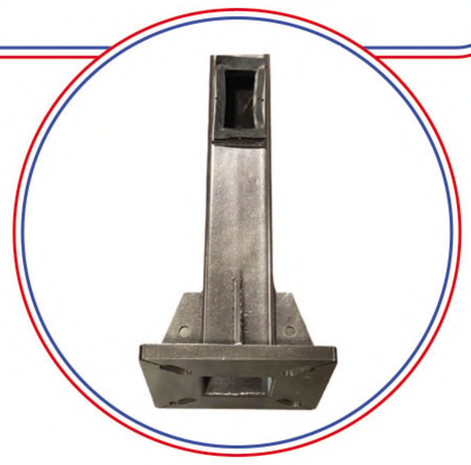
Save The Environment
KRUT LED
Save Power
TM

Commercial &
Industrial Lighting







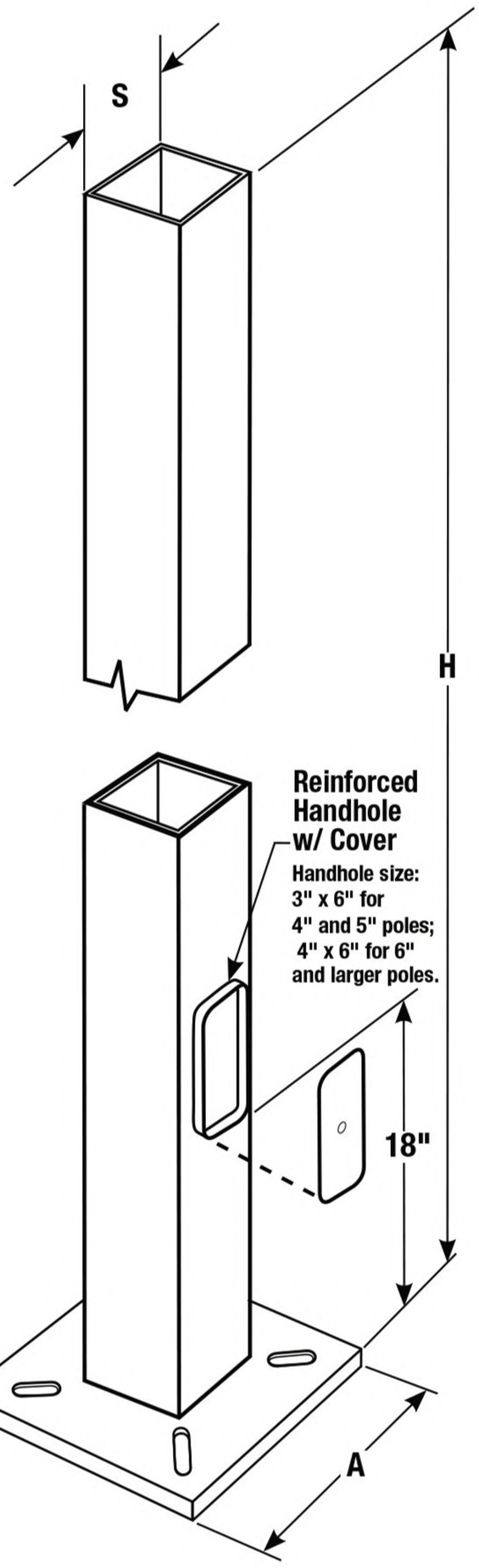
STEEL & FIBER POLES

PLATE BASE & DIRECT BURIAL

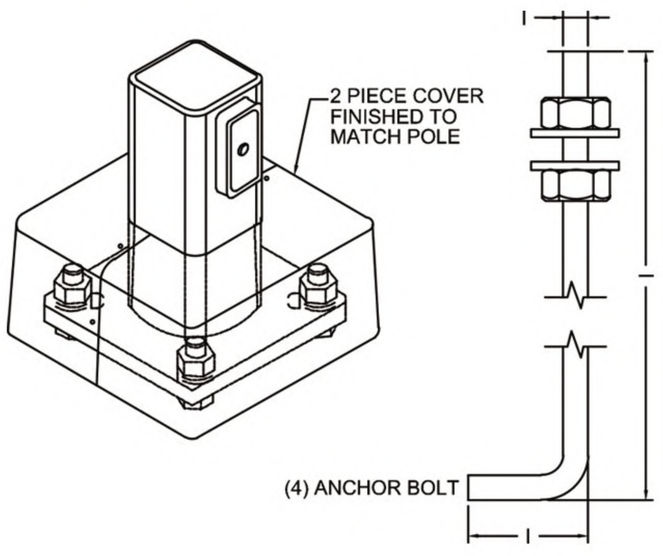
STEEL LIGHT POLE

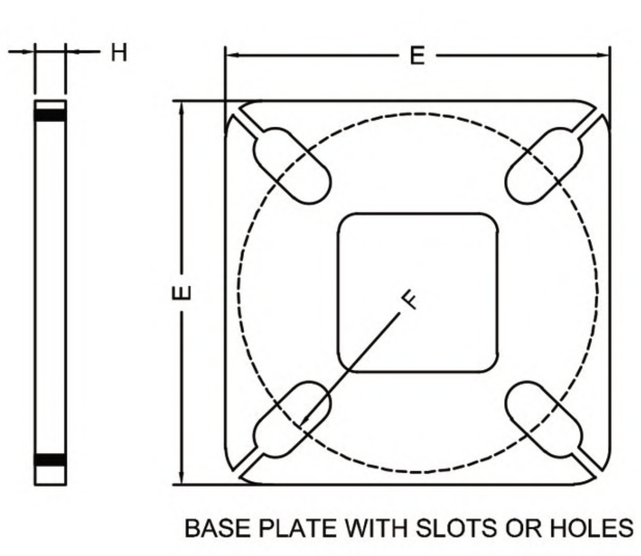
SQUARE STEEL POLES

ORDER CODE	NOM MTG "H" (FT)	SHAFT SIZE "S" (IN.)	SHAFT THICKNESS (IN.)	@ 80 MPH LUMINAIRE WT. (LB.) 50	@ 90 MPH LUMINAIRE WT. (LB.) 50	@ 100 MPH LUMINAIRE WT. (LB.) 50
KLSSP10XX4BG11	10	4	1/8	24.9	19.2	103
KLSSP15XX4BG11	15	4	1/8	11.9	8.8	135
KLSSP20XX4BG11	20	4	1/8	6.8	4.5	167
KLSSP20XX4BG11	20	4	3/16	10.2	6.9	225
KLSSP20XX5BG11	20	5	3/16	13.7	10	295
KLSSP25XX4BG11	25	4	1/8	23.8	17.7	201
KLSSP25XX4BG11	25	4	3/16	31.8	23.8	272
KLSSP25XX5BG11	25	5	3/16	3.2	1.4	375
KLSSP30XX4BG11	30	4	1/8	5.2	2.5	241
KLSSP30XX4BG11	30	4	3/16	8.6	5.6	322
KLSSP30XX5BG11	30	5	3/16	16.1	11.3	464
KLSSP30XX5BG11	30	5	1/8	22	15.7	310



XX = B - BLACK BZ - BRONZE





BASE PLATE WITH SLOTS OR HOLES

GENERAL SPECIFICATION

- To select a pole, first add the weights and EPAs of the mounting brackets and luminaires to get the combined load per pole. The wind speed is determined by local conditions. The mounting height czan be determined by the luminaire manufacturer's specifications. Choose the wind speed category, then the column to the combined load in weight. Move down the column to the desired height, then to the first pole that exceeds the combined load EPA. This should be your best value. Remember the pole capacity must exceed the combined load in both weight and EPA.

- Local soil conditions determine the type of foundation required for each pole.

- The capacities shown are based on a 24" off center load. This is usually the most conservative configuration. We have extensive charts for other wind, weight and luminaire mounting. If we know your application, we can provide you with the most economical pole.

Note:

- Actual finish and weight is to be confirmmed at the time of order.
- Specifications are subject to change without notice.

Krut LED LLC - 111 Preamble Ct, Anderson, SC-29621 - Ph: 864-401-8156
Website: www.krutled.com - Email: sales@krutled.com

STEEL LIGHT POLE

PRODUCT DESCRIPTION

POLE TOP OPTIONS

A removable Stainess steel cap is provided if the pole is dril. The drill pattern and drill orientation needs to be provided by the customer unless Energy Light fixtures are used for the project. If the tenon option is selected a welded steel tennon will be provided.

POLE

Commercial quality welded steel tubing of 1 piece construction with a minimum yield strength of above 60000 psi is used to fabricate the pole shaft.

HANDHOLE

2.5*5 inches tall reinforced handhole with rubber gasket is provided at 18 inches from the base. A cover with a screw hardware.

BASE COVER

A 2 piece metal base cover is provided along with hardware to securely attach the 2 pieces together after pole installation.

ANCHOR BOLTS

A set of 4 galvanized steel anchor bolts is provided with each pole assembly. Each bolt includes 2 nuts and 2 washers.
A portion of the anchor bolt is threaded for securing and leveling the pole with the provided nuts and washers.
An actual size paper anchor bolt template is included.

COLOR AND FINISH OPTION

Kalco Brown power coat with primer.

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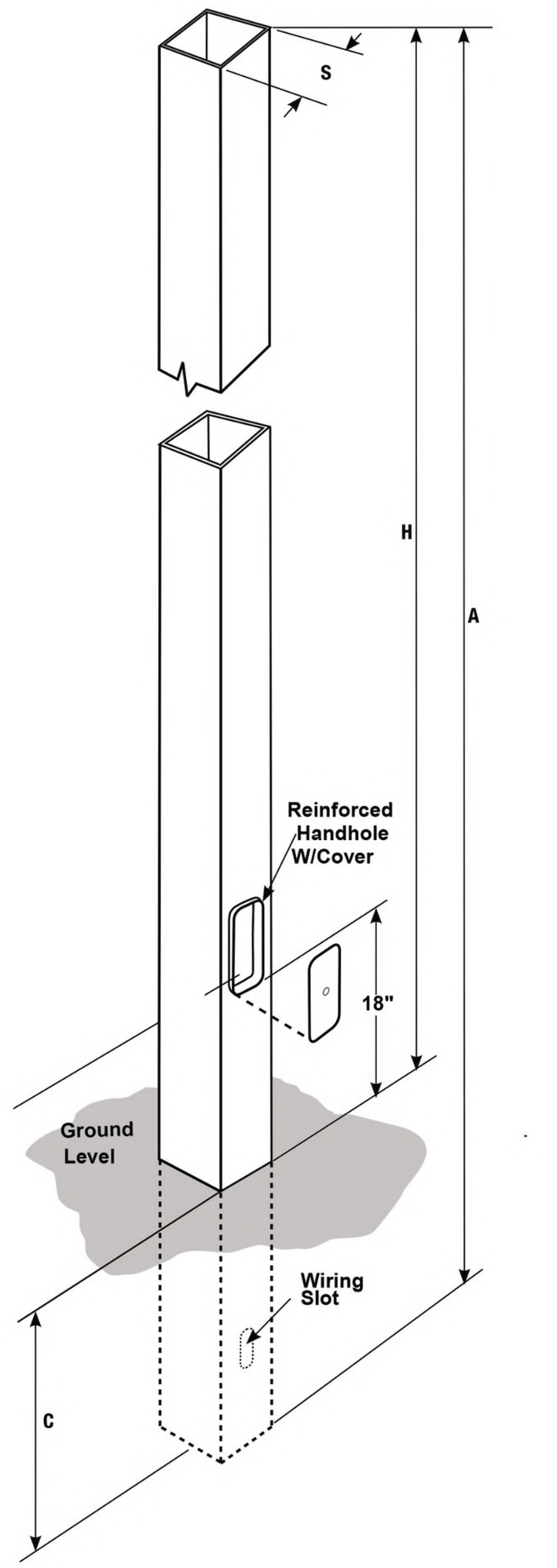
STEEL LIGHT POLE

SQUARE STEEL DIRECT BURIAL POLES

ORDER CODE	TOTAL SHAFT LENGHT (FT)"H1"	ABOVE GROUND HT. (FT)"H"	EMBEDDED LENGTH (FT.) "H2"	SQUARE SHAFT SIZE (IN.) S	SHAFT WALL THICKNESS (IN.)	SHIP WEIGHT (LB.)
KLSSP10XX4DBG11	13	10	3	4	1/8	86
KLSSP15XX4DBG11	19	15	4	4	1/8	125
KLSSP20XX4DBG11	25	20	5	4	1/8	164
KLSSP20XX5DBG11	25	20	5	5	1/8	202
KLSSP20XX4DBG11	25	20	5	4	3/16	238
KLSSP20XX5DBG11	25	20	5	5	3/16	302
KLSSP20XX6DBG11	25	20	5	6	3/16	366
KLSSP25XX4DBG11	30	25	5	4	1/8	196
KLSSP25XX5DBG11	30	25	5	5	1/8	241
KLSSP25XX4DBG11	30	25	5	4	3/16	285
KLSSP25XX5DBG11	30	25	5	5	3/16	361
KLSSP25XX6DBG11	30	25	7	6	3/16	438
KLSSP30XX5DBG11	35	30	5	5	1/8	281
KLSSP30XX5DBG11	35	30	5	5	3/16	421
KLSSP30XX6DBG11	36.5	30	6.5		3/16	511
KLSSP30XX7DBG11	36.5	30	6.5	7	3/16	634
KLSSP30XX8DBG11	36.5	30	6.5	8	3/16	728
KLSSP34XX5DBG11	39	34	5	5	3/16	321
KLSSP33XX6DBG11	39.5	33	6.5	6	3/16	584
KLSSP33XX6DBG11	39.5	33	6.5	6	1/4	763



XX = B - BLACK BZ - BRONZE

GENERAL SPECIFICATION

- Shaft - 55,000 p.s.i minimum yield.
- Reinforced handhole with grouunding lug and removable cover.
- Top tenon or drill pattern with removable pole cap.

Note:

- Actual finish and weight is to be confirmmed at the time of order.
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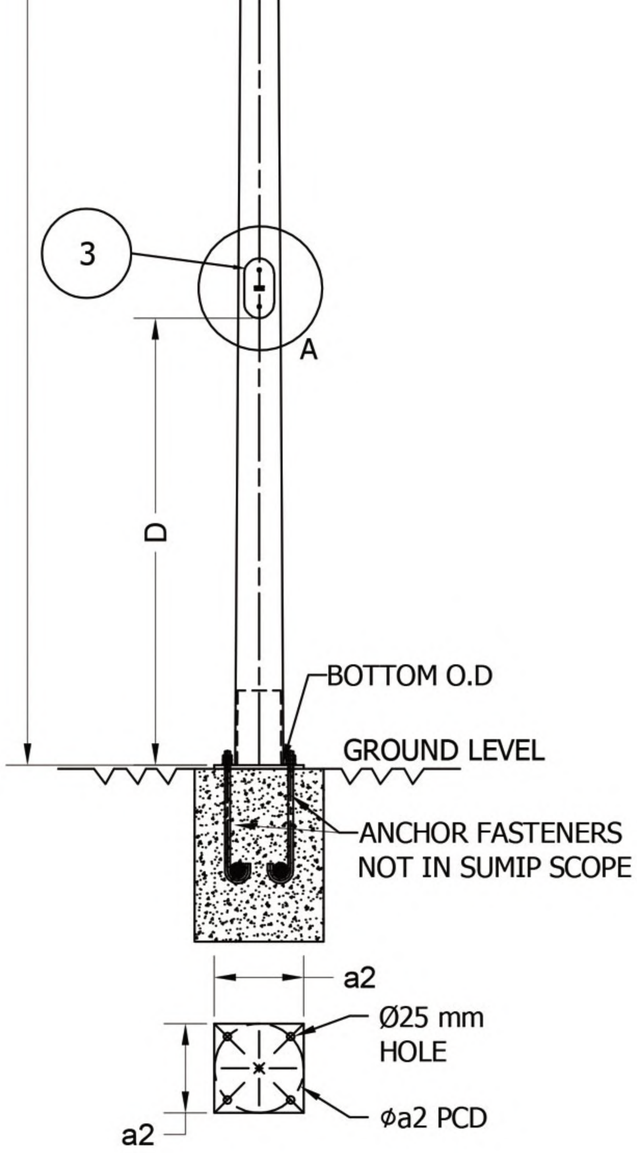
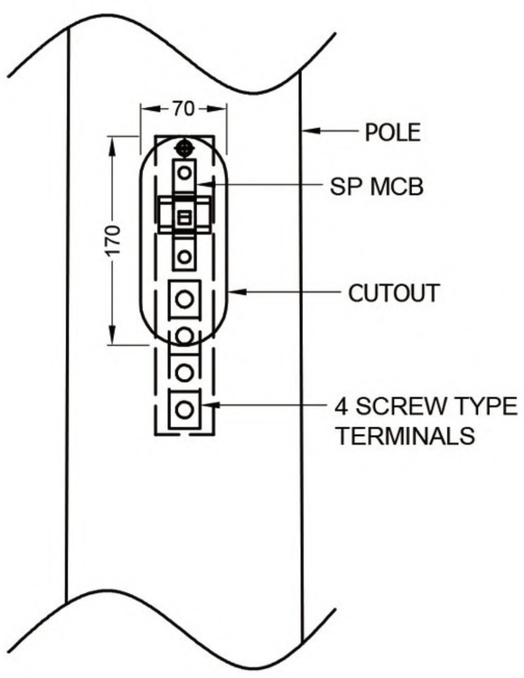
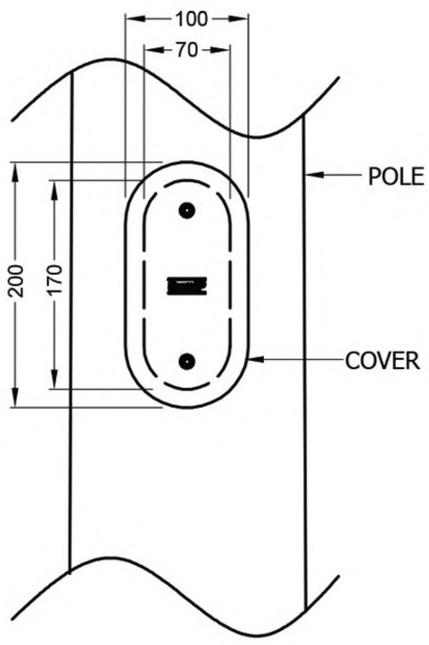
STEEL LIGHT POLE

ANCHOR TYPE POLE

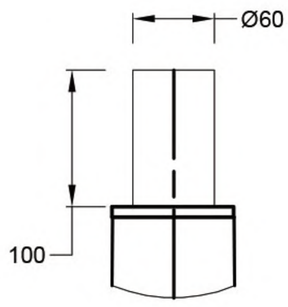
1000 SERIES							
MODEL NO.	H (M)	D (M)	TOP O.D. (MM)	BOTTOM O.D. (MM)	A2 (MM)	EPA (M^2)	WEIGHT (KG)
A 1025	2.5	0.9	89	115	250	0.4	9.92
A 1030	3	0.9	89	120	250	0.49	12.2
A 1035	3.5	0.9	89	126	250	0.59	14.6
A 1040	4	0.9	89	131	250	0.69	17.2
A 1045	4.5	0.9	89	136	250	0.79	19.8
A 1050	5	0.9	89	141	250	0.9	22.5
A 1055	5.5	0.9	89	146	250	1.01	25.3
A 1060	6	1.2	89	152	250	1.13	28.4
A 1065	6.5	1.2	89	157	300	1.25	31.5
A 1070	7	1.2	89	162	300	1.38	34.6
A 1075	7.5	1.2	89	167	300	1.5	37.9
A 1080	8	1.2	89	173	300	1.64	41.4
A 1085	8.5	1.2	89	178	300	1.78	44.9
A 1090	9	1.5	89	183	350	1.92	48.5







DETAIL A
INTERNAL JB CUTOUT DETAIL



DETAIL B

STEEL LIGHT POLE

ANCHOR TYPE POLE

3000 SERIES							
MODEL NO.	H (M)	D (M)	TOP O.D. (MM)	BOTTOM O.D. (MM)	A2 (MM)	EPA (M^2)	WEIGHT (KG)
A 3025	2.5	0.9	114	137	250	0.49	12.3
A 3030	3	0.9	114	142	250	0.6	15.1
A 3035	3.5	0.9	114	147	250	0.71	18
A 3040	4	0.9	114	151	250	0.83	20.9
A 3045	4.5	0.9	114	156	250	0.95	24
A 3050	5	0.9	114	161	250	1.07	27.2
A 3055	5.5	0.9	114	165	250	1.2	30.4
A 3060	6	1.2	114	170	250	1.33	33.8
A 3065	6.5	1.2	114	175	300	1.47	37.3
A 3070	7	1.2	114	179	300	1.61	40.8
A 3075	7.5	1.2	114	184	300	1.75	44.4
A 3080	8	1.2	114	189	300	1.9	48.3
A 3085	8.5	1.2	114	193	300	2.04	52
A 3090	9	1.5	114	198	300	2.2	56
A 3095	9.5	1.5	114	203	300	2.36	60.1
A 3100	10	1.5	114	207	350	2.52	64.1
A 3105	10.5	1.5	114	212	350	2.68	68.04
A 3110	11	1.5	114	217	350	2.85	72.8
A 3115	11.5	1.5	114	221	400	3.02	77.1
A 3120	12	1.5	114	226	400	3.2	81.7

Note:

- Hardware MS zinc passivated wherever req.
- The pole will be painted with U.V.Stabilized specially developed poly urethane paint for external application and colour shade of the pole is as per client requirement.
- Tolerance in Height of pole $\pm$1%
- Average thichkness of pole will be 6 MM.
- Tolerance in diameter $\geq$ mm.