

BRIGHT SOLUTIONS

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Introduction

At Bright Lighting Solutions, we specialize in manufacturing durable, aesthetically pleasing decorative and conventional street lighting poles along with high-performance flood lighting masts. Our comprehensive offerings include EPC (Engineering, Procurement, and Construction) solutions tailored to meet a wide range of lighting needs.

With a commitment to innovation and quality, we illuminate streets, parks, and urban spaces, ensuring safety, efficiency, and beauty. Trust us to provide robust lighting solutions that brighten your world and elevate your environment. Bright solutions provides you with a complete solution from concept to commissioning for all your lighting needs.

“Your Vision Our Execution”

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Decorative Light Post

Explore our exquisite collection of decorative poles, meticulously crafted to add elegance, style, and functionality to outdoor environments. Our posts are available for various applications.

- Street light.
- Post top light.
- Post for sign board.
- Flag Post.



PU Coated Decorative Poles:

Our decorative poles are available in a variety of designs, sizes, and finishes to complement different architectural styles and landscape themes.

Customization Options:

We offer customization services to tailor our decorative poles to your specific project requirements, including height adjustments, decorative elements, and color options.

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YOGA

Yoga Series



Y-110



Y-111



Y-112



Y-113



Y-114

YOGA SERIES		
S.N.	Pole ID	Height
1.	YS-110	3 to 4 Mtr.
2.	YS-111	3 to 6 Mtr.
3.	YS-112	2 to 4 Mtr.
4.	YS-113	2 to 5 Mtr.
5.	YS-114	2 to 6 Mtr.

Yoga Series



YS - 115



YS - 117



YS - 118



YS - 116



YS - 119

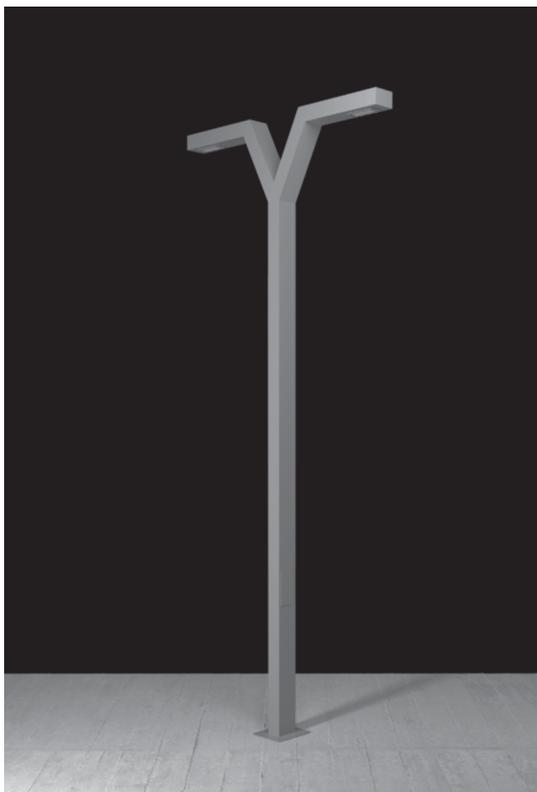
Yoga Series



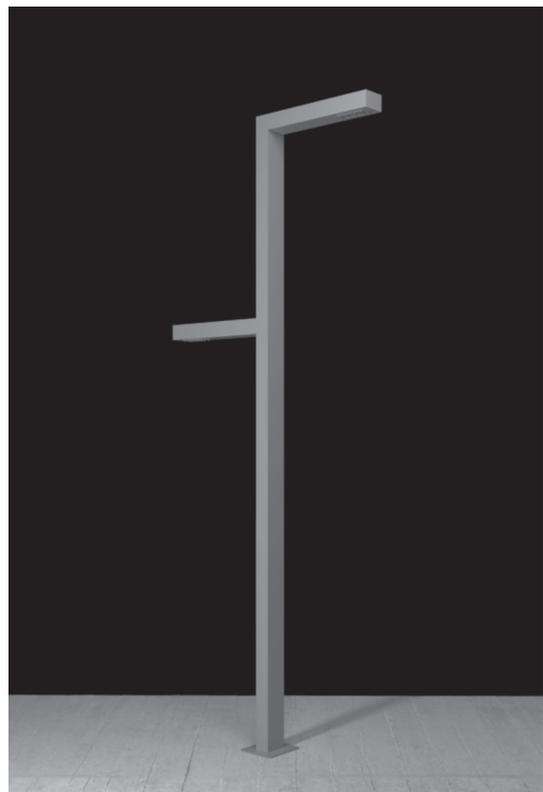
YS - 1 (3 to 6 Mtr.)



YS - 2 (3 to 6 Mtr.)



YS - 3 (3 to 6 Mtr.)



YS - 4 (3 to 6 Mtr.)

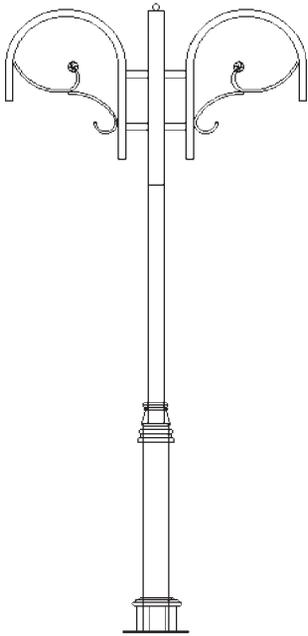
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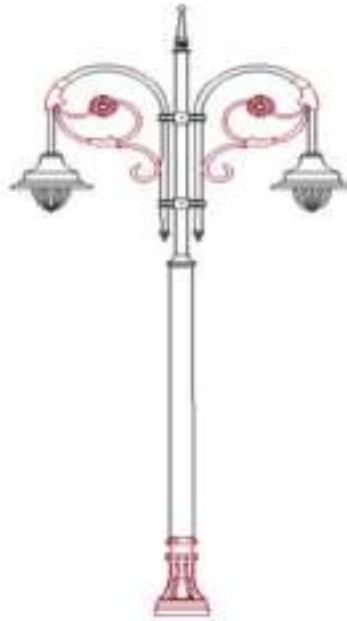


ZEENAT

Zeenat Series



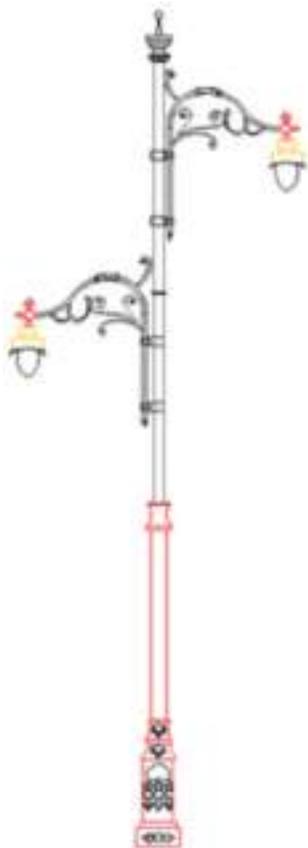
ZN - 01
Height 4/6/8 Mtr.



ZN - 02
Height 4/6/8 Mtr.



ZN - 03
Height 4/6/8 Mtr.



ZN - 04
Height 4/6/8 Mtr.

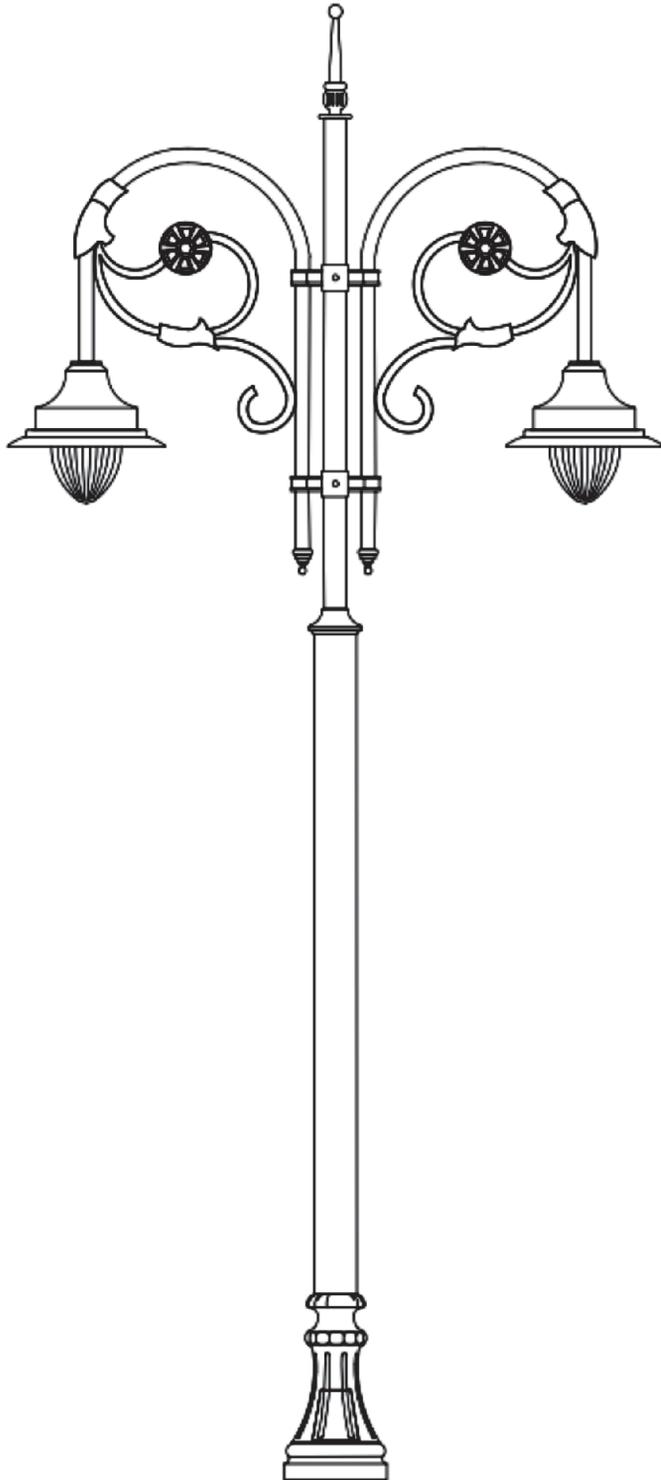


ZN - 05
Height 4/6/8 Mtr.



ZN - 06
Height 4/6/8 Mtr.

Zeenat Series



ZN - 07
Height 4/6/8 Mtr.



ZN - 08
Height 4/6/8 Mtr.

Zeenat Series



ZN - 09
Height 4/6/8 Mtr.



ZN - 10
Height 4/6/8 Mtr.

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Stambh

Stambh Series

LIGHT COLUMNS (Stambh Range)

STAMBH 1

180 mm SQUARE

Watt - 40

Kelvin - 27K, 30K, 35K, 40K

Height - 2M to 4M



STAMBH 2

180 mm SQUARE

Watt - 39

Kelvin - 27K, 30K, 35K, 40K

Height - 2M to 4M



STAMBH 3

180 mm SQUARE

Watt - 39

Kelvin - 27K, 30K, 35K, 40K

Height - 2M to 4M



STAMBH 4

180 mm SQUARE

Watt - 39

Kelvin - 27K, 30K, 35K, 40K

Height - 2M to 4M



STAMBH 5

180 mm SQUARE

Watt - 39

Kelvin - 27K, 30K, 35K, 40K

Height - 2M to 4M



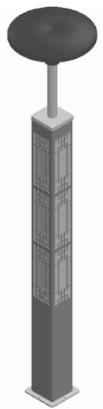
STAMBH 6

180 mm SQUARE

Watt - 39

Kelvin - 27K, 30K, 35K, 40K

Height - 2M to 4M



Note : Design in stambh can be cut out as per customer requirement, any pattern can be done.



N - 02
Size :
1000 x 100 x 200 mm



N - 03
Size :
2000 x 100 x 200 mm



N - 01
Size :
350 x 100 x 200 mm

Customized Solutions

We have the facility for developing customised poles & brackets if the Quantity is sizeable

Special Finishes

Customized luminaires

Designer and Minimalistic patterns that suit the architectural requirements.

NEO SERIES			
	S.N.	Neo	Size
	1.	N - 1	350 x 100 x 200 mm
	2.	N - 2	1000 x 100 x 200 mm
	3.	N - 3	2000 x 100 x 200 mm

BRIGHT SOLUTIONS

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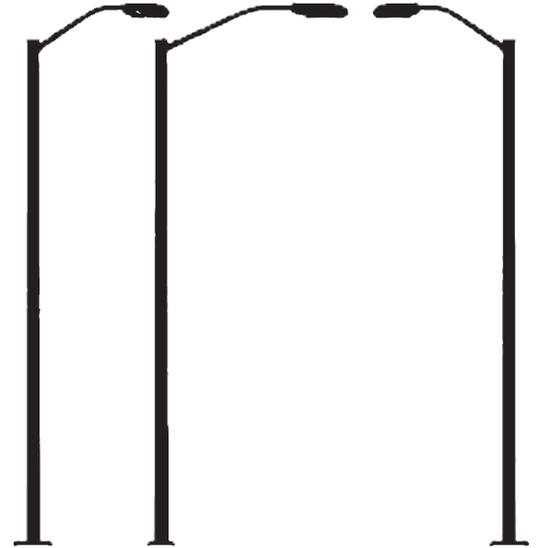
Octagonal Poles

Hot Dip Galvanized Poles - Complete Range

Range : 2M - 16M

Sections: Single - Multiple

Surface Finish : HDG, PU Painted, Epoxy



Pole Height (Mtrs.)	Material	Metal Protection Treatment	Avg. Thickness of G. I.	Thickness of Sheet	Thickness of Base Plate	Bottom Diameter	Top Diameter	Number of Foundation Bolts	PCD of Foundation Bolt	Bolt Diameter
3 Mtrs.	BSEN 10025	Galvanized	65 Microns	3 mm	12 mm	130 mm	65 mm	4	200 mm	16 mm
5 Mtrs.	BSEN 10025	Galvanized	65 Microns	3 mm	12 mm	130 mm	70 mm	4	200 mm	16 mm
6 Mtrs.	BSEN 10025	Galvanized	65 Microns	3 mm	12 mm	135 mm	70 mm	4	200 mm	16 mm
7 Mtrs.	BSEN 10025	Galvanized	65 Microns	3 mm	16 mm	135 mm	70 mm	4	220 mm	20 mm
8 Mtrs.	BSEN 10025	Galvanized	65 Microns	3 mm	20 mm	135 mm	70 mm	4	225 mm	20 mm
9 Mtrs.	BSEN 10025	Galvanized	65 Microns	3 mm	20 mm	155 mm	70 mm	4	240 mm	25 mm
9 Mtrs.	BSEN 10025	Galvanized	65 Microns	3 mm	20 mm	200 mm	100 mm	4	310 mm	25 mm
10 Mtrs.	BSEN 10025	Galvanized	65 Microns	3 mm	20 mm	200 mm	90 mm	4	310 mm	25 mm
11 Mtrs.	BSEN 10025	Galvanized	65 Microns «	4 mm	20 mm	200 mm	100 mm	4	320 mm	25 mm
12 Mtrs.	BSEN 10025	Galvanized	65 Microns	4 mm	25 mm	240 mm	110 mm	4	340 mm	25 mm

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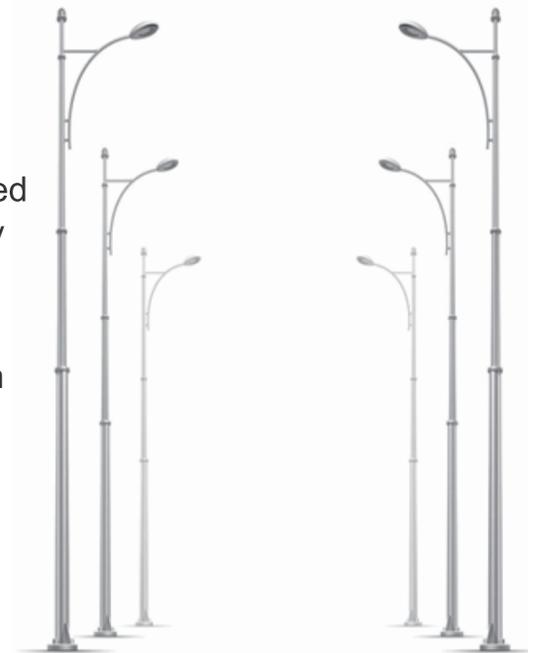
Swaged Pole

Poles are available in both MS and GI as per IS 2713 specifications for Street lighting and Transmission line requirements.

Premier destination, for high-quality swaged steel tubular poles. Discover a diverse range of pole options engineered to meet your specific requirements which exceed industry standards.

Product Range:

- **Swaged Steel Tubular Poles:** Poles are available in various heights, diameters, and designs to suit different applications and environments.
- **Customization Options:** We offer customization services to ensure that our poles meet your exact specifications and project needs.



IS 2713 – Swaged Type Steel Tubular Poles (Part I)

Desig - nation	OVERALL LENGTH	OVERALL LENGTH	LENGTH OF SECTIONS			OUTSIDE DIAMETER AND THICKNESS OF SECTIONS			APPROX. WEIGHT OF POLE	BREAKING LOAD	LOAD FOR PERMANENT SET NOT EXCEEDING 13MM	LOAD FOR TEMPORARY DEFLECTION OF 157.5 MM
			Bottom	Middle	Top	Bottom	Middle	Top				
	L	L	h3	h2	h1							
1	2	3	4	5	6	7	8	9	10	11	12	13
MM	(M)	(M)	(M)	(M)	(M)	(MM)	(MM)	(MM)	(KG)	N (KGF)	N (KGF)	N (KGF)
410 SP - 1	7	1.25	4	1.5	1.5	114.3X3.65	88.9X3.25	76.1X3.25	62	2570 (262)	1245 (127)	785 (80)
410 SP - 2	7	1.25	4	1.5	1.5	114.5X4.50	88.9X4.05	76.1X3.25	73	3100 (316)	1510 (154)	941 (96)
410 SP - 3	7	1.25	4	1.5	1.5	114.5X5.40	88.9X4.85	76.1X3.25	85	3630 (370)	1760 (180)	1090 (111)
410 SP - 4	7.5	1.25	4.5	1.5	1.5	114.3X3.65	88.9X3.25	76.1X3.25	67	2350 (240)	1150 (117)	627 (64)
410 SP - 5	7.5	1.25	4.5	1.5	1.5	114.5X4.50	88.9X4.05	76.1X3.25	79	2760 (281)	1340 (137)	745 (76)
410 SP - 6	7.5	1.25	4.5	1.5	1.5	114.5X5.40	88.9X4.85	76.1X3.25	93	3320 (339)	1620 (165)	873 (89)
410 SP - 7	7.5	1.25	4.5	1.5	1.5	139.7X4.50	114.3X3.65	88.9X3.25	97	4330 (442)	2110 (215)	1400 (143)
410 SP - 8	7.5	1.25	4.5	1.5	1.5	139.7X4.85	114.3X3.65	88.9X3.25	103	4630 (472)	2250 (229)	1480 (151)
410 SP - 9	7.5	1.25	4.5	1.5	1.5	139.7X5.40	114.3X3.65	88.9X3.25	110	5100 (520)	2480 (253)	1600 (163)
410 SP - 10	8	1.5	4.5	1.75	1.75	114.3X3.65	88.9X3.25	76.1X3.25	70	2260 (230)	1100 (112)	520 (53)
410 SP - 11	8	1.5	4.5	1.75	1.75	114.5X4.50	88.9X4.05	76.1X3.25	83	2730 (278)	1320 (135)	618 (63)
410 SP - 12	8	1.5	4.5	1.75	1.75	114.5X5.40	88.9X4.85	76.1X3.25	97	3190 (325)	1550 (158)	725 (74)
410 SP - 13	8	1.5	4.5	1.75	1.75	139.7X4.50	114.3X3.65	88.9X3.25	101	4160 (424)	2020 (206)	1180 (120)
410 SP - 14	8	1.5	4.5	1.75	1.75	139.7X4.85	114.3X4.50	88.9X3.25	111	4440 (453)	2160 (220)	1280 (131)
410 SP - 15	8	1.5	4.5	1.75	1.75	139.7X5.40	114.3X4.50	88.9X3.25	119	4890 (499)	2380 (243)	1380 (140)
410 SP - 16	8.5	1.5	5	1.75	1.75	114.3X3.65	88.9X3.25	76.1X3.25	75	2090 (213)	1020 (104)	432 (44)
410 SP - 17	8.5	1.5	5	1.75	1.75	114.5X4.50	88.9X4.05	76.1X3.25	89	2520 (257)	1230 (125)	510 (52)
410 SP - 18	8.5	1.5	5	1.75	1.75	114.5X5.40	88.9X4.85	76.1X3.25	104	2950 (301)	1430 (146)	598 (61)
410 SP - 19	8.5	1.5	5	1.75	1.75	139.7X4.50	114.3X3.65	88.9X3.25	109	3844 (392)	1800 (191)	961 (98)
410 SP - 20	8.5	1.5	5	1.75	1.75	139.7X4.85	114.3X3.65	88.9X3.25	115	4110 (419)	2000 (204)	1010 (103)
410 SP - 21	8.5	1.5	5	1.75	1.75	139.7X5.40	114.3X4.50	88.9X3.25	129	4530 (462)	2210 (225)	1130 (115)
410 SP - 22	8.5	1.5	5	1.75	1.75	165.1X4.50	139.7X4.50	114.3X3.65	141	5450 (556)	2650 (270)	1730 (176)
410 SP - 23	8.5	1.5	5	1.75	1.75	165.1X4.85	139.7X4.50	114.3X3.65	148	5840 (596)	2840 (290)	1820 (186)
410 SP - 24	8.5	1.5	5	1.75	1.75	165.1X5.40	139.7X4.50	114.3X3.65	158	6450 (658)	3140 (320)	1970 (201)

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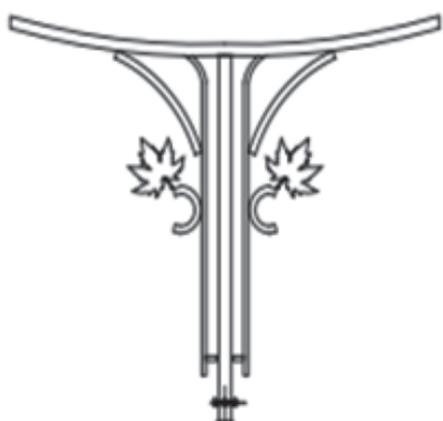


Swaged Pole

IS 2713 – Swaged Type Steel Tubular Poles (Part I)

Desig - nation	OVERALL LENGTH	OVERALL LENGTH	LENGTH OF SECTIONS			OUTSIDE DIAMETER AND THICKNESS OF SECTIONS			APPROX. WEIGHT OF POLE	BREAKING LOAD	LOAD FOR PERMANENT SET NOT EXCEEDING 13MM	LOAD FOR TEMPORARY DEFLECTION OF 157.5 MM
			Bottom	Middle	Top	Bottom	Middle	Top				
	L	L	h3	h2	h1							
1	2	3	4	5	6	7	8	9	10	11	12	13
MM	(M)	(M)	(M)	(M)	(M)	(MM)	(MM)	(MM)	(KG)	N (KGF)	N (KGF)	N (KGF)
410 SP - 25	9	1.5	5	2	2	114.3X3.65	88.9X3.25	76.1X3.25	78	1940 (198)	941 (96)	333 (34)
410 SP - 26	9	1.5	5	2	2	114.5X4.50	88.9X4.05	76.1X3.25	92	2340 (239)	1140 (116)	402 (41)
410 SP - 27	9	1.5	5	2	2	114.5X5.40	88.9X4.85	76.1X3.25	108	2750 (280)	1330 (136)	461 (47)
410 SP - 28	9	1.5	5	2	2	139.7X4.50	114.3X3.65	88.9X3.25	113	3580 (365)	1740 (177)	745 (76)
410 SP - 29	9	1.5	5	2	2	139.7X4.85	114.3X4.50	88.9X3.25	125	3820 (390)	1860 (190)	814 (83)
410 SP - 30	9	1.5	5	2	2	139.7X5.40	114.3X4.50	88.9X3.25	133	4220 (430)	2050 (209)	882 (90)
410 SP - 31	9	1.5	5	2	2	165.1X4.50	139.7X4.50	114.3X3.65	147	5070 (517)	2460 (251)	1360 (139)
410 SP - 32	9	1.5	5	2	2	165.1X4.85	139.7X4.50	114.3X3.65	154	5430 (554)	2640 (269)	1430 (146)
410 SP - 33	9	1.5	5	2	2	165.1X5.40	139.7X4.50	114.3X3.65	164	6000 (612)	2910 (297)	1540 (157)
410 SP - 34	9.5	1.8	5	2.25	2.25	139.7X4.50	114.3X4.50	88.9X3.25	122	3630 (370)	1760 (180)	745 (76)
410 SP - 35	9.5	1.8	5	2.25	2.25	139.7X4.85	114.3X4.50	88.9X3.25	129	3880 (396)	1880 (192)	784 (80)
410 SP - 36	9.5	1.8	5	2.25	2.25	139.7X5.40	114.3X4.50	88.9X3.25	137	4280 (436)	2080 (212)	833 (85)
410 SP - 37	9.5	1.8	5	2.25	2.25	165.1X4.50	139.7X4.50	114.3X3.65	153	5150 (525)	2500 (255)	1300 (133)
410 SP - 38	9.5	1.8	5	2.25	2.25	165.1X4.85	139.7X4.50	114.3X3.65	160	5510 (562)	2680 (273)	1370 (140)
410 SP - 39	9.5	1.8	5	2.25	2.25	165.1X5.40	139.7X4.50	114.3X3.65	170	6090 (621)	2960 (302)	1480 (151)
410 SP - 40	10	1.8	5.2	2.4	2.4	139.7X4.50	114.3X4.50	88.9X3.25	128	3390 (346)	1650 (168)	608 (62)
410 SP - 41	10	1.8	5.2	2.4	2.4	139.7x4.85	114.3x4.50	88.9x3.25	135	3630 (370)	1760 (180)	637 (65)
410 SP - 42	10	1.8	5.2	2.4	2.4	139.7x5.40	114.3x4.50	88.9x3.25	144	3990 (407)	1940 (198)	677 (69)
410 SP - 43	10	1.8	5.2	2.4	2.4	165.1x4.50	139.7x4.50	114.3x3.65	160	4810 (490)	2330 (238)	1060 (108)
410 SP - 44	10	1.8	5.2	2.4	2.4	165.1x4.85	139.7x4.50	114.3x3.65	168	5150 (525)	2500 (255)	1120 (114)
410 SP - 45	10	1.8	5.2	2.4	2.4	165.1x5.40	139.7x4.50	114.3x3.65	178	5690 (580)	2760 (282)	1200 (122)
410 SP - 46	10	1.8	5.2	2.4	2.4	193.7x4.85	165.1x4.50	139.7x4.50	208	7210 (735)	3500 (357)	1850 (189)
410 SP - 47	10	1.8	5.2	2.4	2.4	193.7x5.40	165.1x4.50	139.7x4.50	221	7910 (807)	3840 (392)	1990 (203)
410 SP - 48	10	1.8	5.2	2.4	2.4	193.7x5.90	165.1x4.50	139.7x4.50	233	8620 (879)	4190 (427)	2110 (215)
410 SP - 49	11	1.8	5.6	2.7	2.7	139.7x4.85	114.3x4.50	88.9x3.25	140	3000 (306)	1460 (149)	412 (42)
410 SP - 50	11	1.8	5.6	2.7	2.7	139.7x5.40	114.3x4.50	88.9x3.25	147	3210 (327)	1560 (159)	431 (44)
410 SP - 51	11	1.8	5.6	2.7	2.7	139.7x5.40	114.3x5.40	88.9x3.25	164	3530 (360)	1720 (175)	480 (49)
410 SP - 52	11	1.8	5.6	2.7	2.7	165.1x4.50	139.7x4.50	114.3x3.65	175	4250 (433)	2060 (210)	726 (74)
410 SP - 53	11	1.8	5.6	2.7	2.7	165.1x4.85	139.7x4.50	114.3x3.65	183	4550 (464)	2220 (226)	765 (78)
410 SP - 54	11	1.8	5.6	2.7	2.7	165.1x5.40	139.7x4.50	114.3x3.65	194	5030 (513)	2440 (249)	814 (83)
410 SP - 55	11	1.8	5.6	2.7	2.7	193.7x4.85	165.1x4.50	139.7x4.50	227	6370 (650)	3100 (316)	1270 (130)
410 SP - 56	11	1.8	5.6	2.7	2.7	193.7x5.40	165.1x4.50	139.7x4.50	241	6990 (713)	3400 (347)	1370 (140)
410 SP - 57	11	1.8	5.6	2.7	2.7	193.7x5.90	165.1x4.85	139.7x4.50	256	7620 (777)	3710 (378)	1470 (150)
410 SP - 58	12	2	5.8	3.1	3.1	165.1x4.50	139.7x4.50	114.3x3.65	186	3880 (396)	1880 (192)	539 (55)
410 SP - 59	12	2	5.8	3.1	3.1	165.1x4.85	139.7x4.50	114.3x3.65	197	4160 (424)	2020 (206)	569 (58)
410 SP - 60	12	2	5.8	3.1	3.1	165.1x5.40	139.7x4.50	114.3x3.65	208	4600 (469)	2240 (228)	598 (61)
410 SP - 61	12	2	5.8	3.1	3.1	193.7x4.85	165.1x4.50	139.7x4.50	245	5820 (594)	2830 (289)	951 (97)
410 SP - 62	12	2	5.8	3.1	3.1	193.7x5.40	165.1x4.50	139.7x4.50	259	6390 (652)	3110 (317)	1010 (103)
410 SP - 63	12	2	5.8	3.1	3.1	193.7x5.90	165.1x4.85	139.7x4.50	277	6960 (710)	3390 (345)	1090 (111)
410 SP - 64	12	2	5.8	3.1	3.1	219.1x4.85	193.7x4.85	165.1x4.50	292	7490 (764)	3640 (371)	1460 (149)
410 SP - 65	12	2	5.8	3.1	3.1	219.1x5.60	193.7x4.85	165.1x4.50	313	8530 (871)	4150 (423)	1610 (164)
410 SP - 66	12	2	5.8	3.1	3.1	219.1x5.90	193.7x4.85	165.1x4.50	322	8980 (916)	4360 (445)	1660 (169)
410 SP - 67	13	2	5.8	3.6	3.6	193.7x4.85	165.1x4.50	139.7x4.50	261	5270 (537)	2560 (261)	677 (69)
410 SP - 68	13	2	5.8	3.6	3.6	193.7x5.40	165.1x4.85	139.7x4.50	281	5790 (590)	2810 (287)	735 (75)
410 SP - 69	13	2	5.8	3.6	3.6	193.7x5.90	165.1x5.40	139.7x4.50	302	6300 (642)	3060 (312)	794 (81)
410 SP - 70	13	2	5.8	3.6	3.6	219.1x4.85	193.7x4.85	165.1x4.50	312	6780 (691)	3300 (336)	1060 (108)
410 SP - 71	13	2	5.8	3.6	3.6	219.1x5.60	193.7x4.85	165.1x4.50	333	7720 (787)	3750 (382)	1160 (118)
410 SP - 72	13	2	5.8	3.6	3.6	219.1x5.90	193.7x4.85	165.1x4.50	343	8120 (828)	3940 (402)	1190 (121)
410 SP - 73	14.5	2	6.5	4	4	193.7x5.40	165.1x5.40	139.7x4.50	312	5050 (515)	2450 (250)	500 (51)
410 SP - 74	14.5	2	6.5	4	4	193.7x5.90	193.7x4.85	139.7x4.50	336	5500 (561)	2680 (273)	539 (55)
410 SP - 75	14.5	2	6.5	4	4	219.1x5.60	193.7x4.85	165.1x4.50	370	6750 (688)	3780 (384)	775 (79)
410 SP - 76	14.5	2	6.5	4	4	219.1x5.90	193.7x4.85	165.1x4.50	380	7100 (724)	3450 (352)	794 (81)
410 SP - 77	16	2.3	7	4.5	4.5	193.7x5.40	165.1x5.40	139.7x4.50	341	4590 (468)	2230 (227)	363 (37)
410 SP - 78	16	2.3	7	4.5	4.5	193.7x5.90	193.7x4.85	139.7x4.50	367	5000 (510)	2430 (248)	392 (40)
410 SP - 79	16	2.3	7	4.5	4.5	219.1x5.60	193.7x4.85	165.1x4.50	403	6130 (625)	2980 (304)	569 (58)
410 SP - 80	16	2.3	7	4.5	4.5	219.1x5.90	193.7x4.85	165.1x4.50	416	6440 (657)	3130(319)	588 (60)

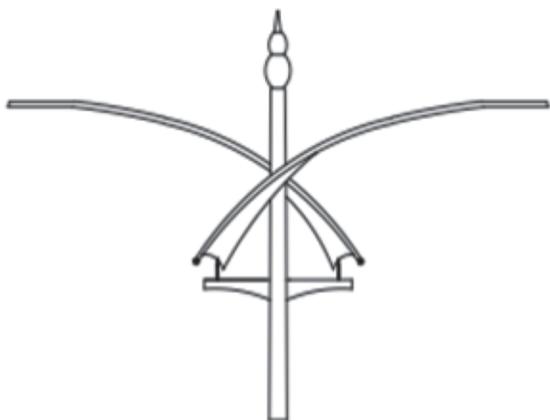
Decorative Double Arm Brackets



(CODE: ATPV - S.A 248)
DOUBLE ARM BRACKET



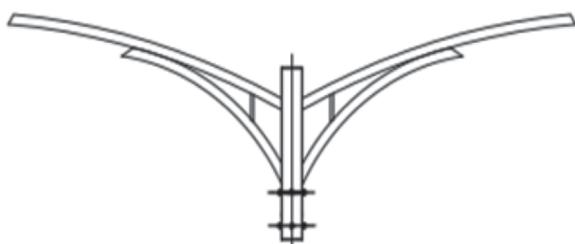
(CODE: ATPV - S.A 254)
DOUBLE ARM



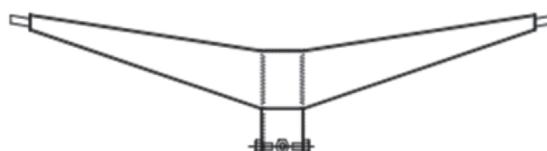
(CODE: ATPV - S.A 249)
DOUBLE ARM BRACKET



(CODE: ATPV - S.A 250)
DOUBLE ARM BRACKET



(CODE: ATPV - S.A 251)
DOUBLE ARM BRACKET



(CODE: ATPV - S.A 252)
DOUBLE ARM BRACKET

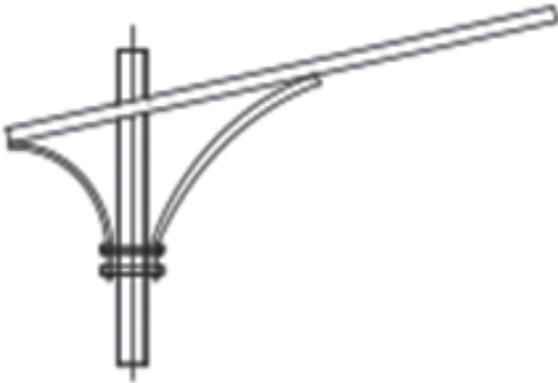


(CODE: ATPV - S.A 259)
DOUBLE ARM



(CODE: ATPV - S.A 260)
DOUBLE ARM

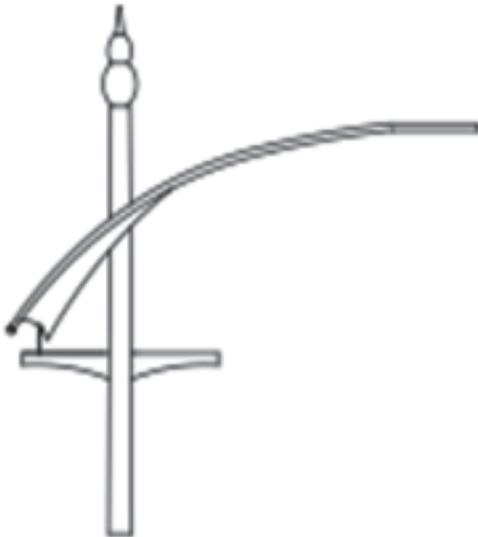
Decorative Single Arm Brackets



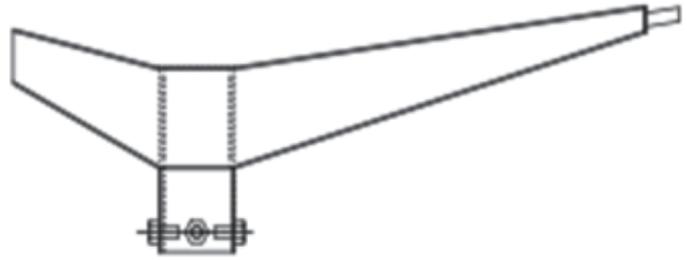
(CODE: ATPV - S.A 241)
SINGLE ARM BRACKET



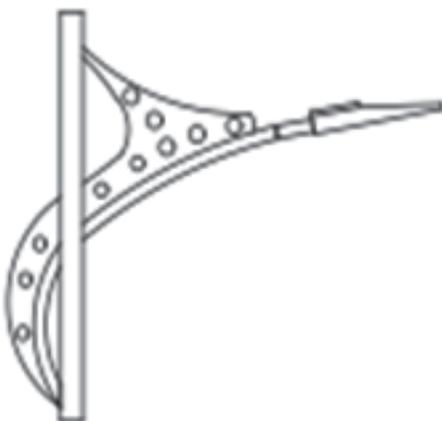
(CODE: ATPV - S.A 242)
SINGLE ARM BRACKET



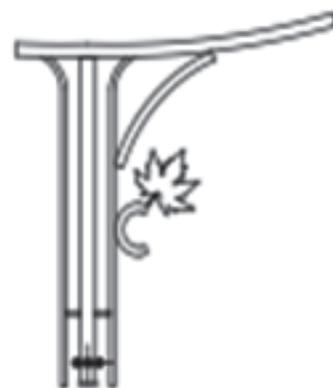
(CODE: ATPV - S.A 243)
SINGLE ARM BRACKET



(CODE: ATPV - S.A 244)
SINGLE ARM BRACKET



(CODE: ATPV - S.A 245)
SINGLE ARM BRACKET



(CODE: ATPV - S.A 246)
SINGLE ARM BRACKET



GANTRIES



SIGN BOARDS



TRAFFIC SIGNALS

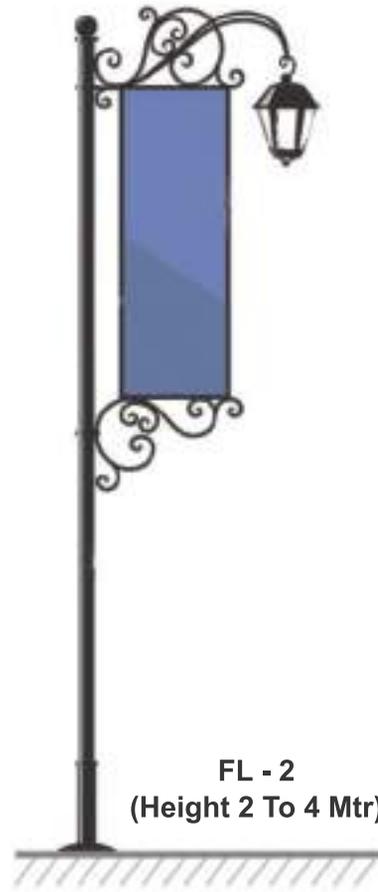


CAMERA POLES

Flag & Signage Posts



FL - 1
(Height 2 To 4 Mtr)



FL - 2
(Height 2 To 4 Mtr)



FL - 3
(Height 2 To 4 Mtr)



FL - 4
(Height 2 To 4 Mtr)

BRIGHT SOLUTIONS

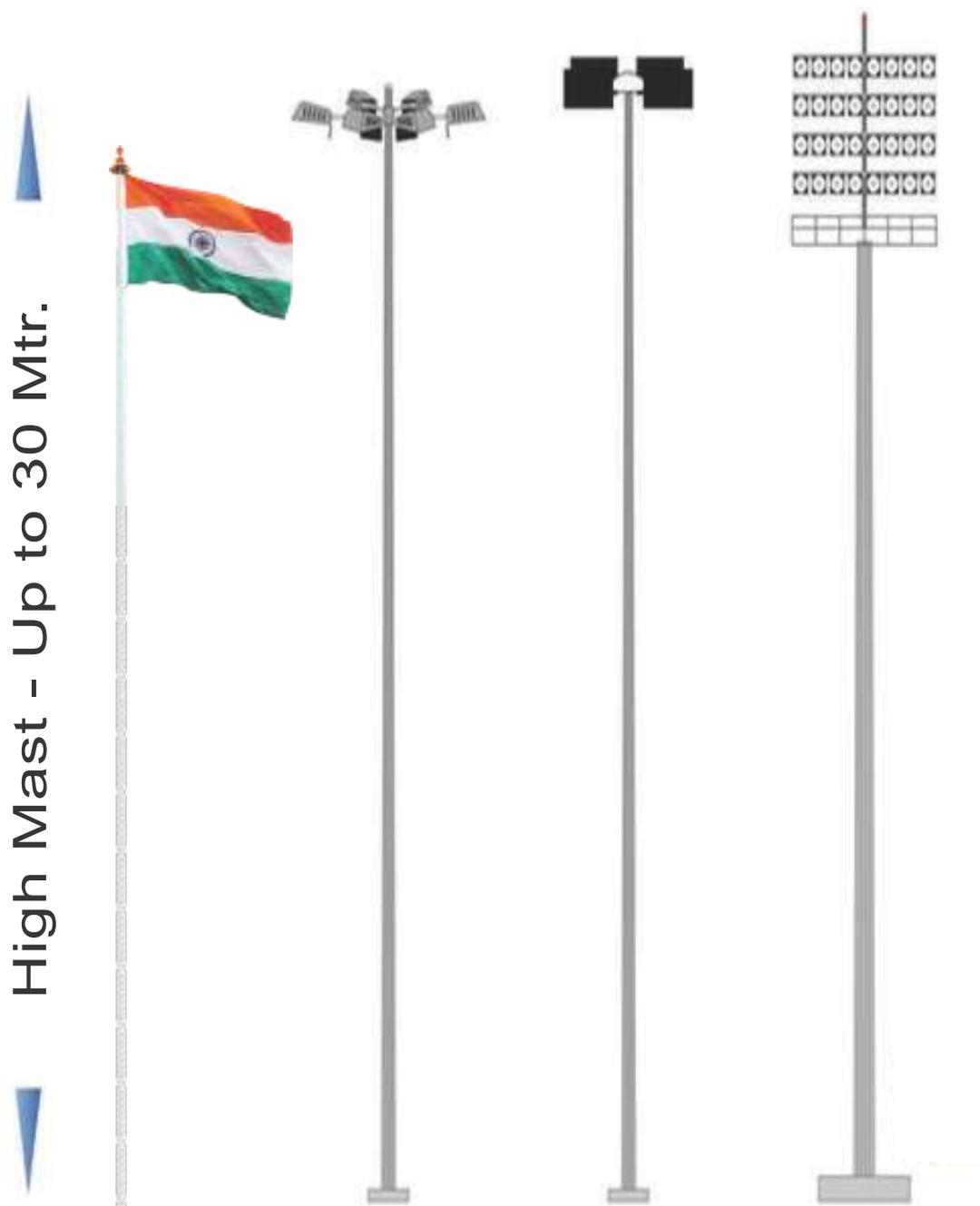
TECHNOVATORS BRIGHT SOLUTIONS



High Masts

Lighting of large areas is a challenge as we need to mount luminaires at a height which poses problems of maintenance to overcome this concept, high masts were developed in which the lantern carriage on which the luminaires are mounted can be brought down manually or through motorized means.

We manufacture masts up to 30 mtr. for illumination of City squares, parking lots, Airports, Industrial yards and for all kind of applications which require flood or area lighting. PU coated flag mast are also in our range.



Substation Structures

We have provided substation structures to major power companies in India and abroad, we have successfully supplied GI substation structures for up to 765 Kv we specialize in telecom towers, watch towers. We have also developed LCLT mast using polygonal masts thereby reducing considerable weight, thus making it cost effective.

We provide galvanizing services for lattice & welded towers up to 33 Kv lines. Our GI plant supports structure lengths up to 12 mtr. Considering the governments vision of providing electricity to every corner of the country, we supply H Pole structure and transmission line poles for LT lines. We have worked with Major companies in India.



Earthing & Fencing Products

Earthing Products:

- GI/MS Flats
- GI/MS Rods
- Pipe Electrodes
- Pipe Earthing Systems
- Galvanizing Services



Fencing

- Barbed Wire fencing
- Control /Isolation Barriers
- Chain Link Fencing



Chain Link Fencing



Isolation Barrier

BRIGHT SOLUTIONS

TECHNOVATORS BRIGHT SOLUTIONS



Solar Powered Street Lighting

Avaid's has inhouse solar design capability which is amalgamated with our expertise in pole manufacturing to give you a tailor made solution as per your requirements as per your geographical location and lighting levels required.



TECHNICAL SPECIFICATIONS	
PARAMETER	SPECIFICATION
WATTAGE	12W / 20W / 24W / 30W / 40W
LED USED	HIGH BRIGHTNESS HIGH POWER LEDS, LM80 COMPLIANCE OF HIGH LUMEN EFFICACY 135 IM/W UPTO 150IM/W LED USED
CCT (K)	FOR COOL WHITE :-5700-6500K, FOR WARM WHITE :-2700-3200K, FOR NEUTRAL WHITE :-4000-4500K
CRI>	70
OPTICS	DIRECT PC LENSES TYPE-II
LUMEN	EFFICACY100 IM/W-125 IM/W
NO LOAD CURRENT	<20mA CONSUMPTION AT NO LOAD PER CHARGES CONTROLLER
TYPE OF PV MODULE	HIGH EFFICIENCY MONO/ MULTI CRYSTALLINE PV PANEL USED DULY MNRE/BIS APPROVED
PV PANEL CAPACITY	40WP/ 50WP/ 60WP/ 75WP
BATTERY (LI-ION/LIFEP04	LIFEP04 BATTERY PACK 12.8V 12AH/ 18AH/ 24AH/ 30AH
INGRESS PROTECTIONI	P65
DIMMING/PIR MOTION SENSOR / SOC	AUTO INBUILT PROGRAMMABLE DIMMING BASED ON PIR MOTION SENSOR OR TIME BASED AS REQUIRED
HYBRID-230V AC	HYBRID-230V AC OPERATION AVAILABLE ON REQUEST
INDICATION	GREEN BLINKING BATTERY CHARGING, GREEN STABLE-BATTERY FULLY CHARGED RED-BATTERY LOW
SMART CONTROL SYSTEM	BLUETOOTH/GPRS SIM BASED CONTROL & MONITORING (AVAILABLE ON REQUEST)
DUSK TO DAWN	INBUILT - DUSK TO DAWN AUTO ON/OFF
DRIVER/ CONTROLLER EFFICIENCY	>90%
CHANGE CONTROLLER TYPE	MPPT TYPE
PROTECTION	OVER CHARGE, DEEP DISCHARGE, REVERSE POLARITY, OVER LOAD, TEMPRATURE COMPENSATION, NO LOAD, SHORT CIRCUIT AND OTHER AS APPLICABLE.



Bright Solutions is an Avaid's Group company and has excellent credentials. Apart from manufacturing poles, posts for various application, lattice structures, earthing materials we also manufacture distribution board, electrical panels & provide turnkey EPC services.

We carry forward the legacy of Avaid's Group and are working with our partners since last three decades,

Philips (Signify), GE Vernova, Siemens, NHPC, Voith Hydro, NTPC, PHPA (Bhutan), KEC, Tata Projects, L&T, FL Smidth, Aramco, BHEL, Angelique International, GMR, AAI, DRAI, IRCON, Reliance infra, Maruti Suzuki are some of our esteemed customers.



We are committed to provide quality products to customers, and have put up adequate infrastructure for Testing of our products. Our products comply to the industry standards. With this new branch we are focused to add new products to our range, Decorative poles, Customized street lighting solutions. As security has become a very important part of the urban infrastructure we have added Camera Poles, Route guidance gantries and traffic signal poles. The future is bright and we will keep on adding new services and products to growing demand for sustainable and connected products.



Certifications

WE ARE CERTIFIED WITH ISO: 9001-2015, ISO:14001-2015,
OHSAS:45001-2018
BIS Certifications

BRIGHT SOLUTIONS

TECHNOVATORS BRIGHT SOLUTIONS

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Rajasthan (India)

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