

INFINILUX



LIGHTING POLES



ABOUT US

At Infinilux, we specialize in delivering high-quality lighting products and pole systems to OEMs and resellers across Europe. Headquartered in India, we combine international manufacturing strength with engineering and support to provide scalable, cost-effective solutions for commercial, industrial, and municipal lighting needs.

TABLE OF CONTENTS

Steel Conical Poles	4
Aluminum Conical Poles.....	5
Steel Stepped Poles.....	6
Aluminium Stepped Poles	7
Steel Cylindrical Poles.....	8
Aluminum Cylindrical Poles.....	9
Steel Passive Safety Poles.....	10

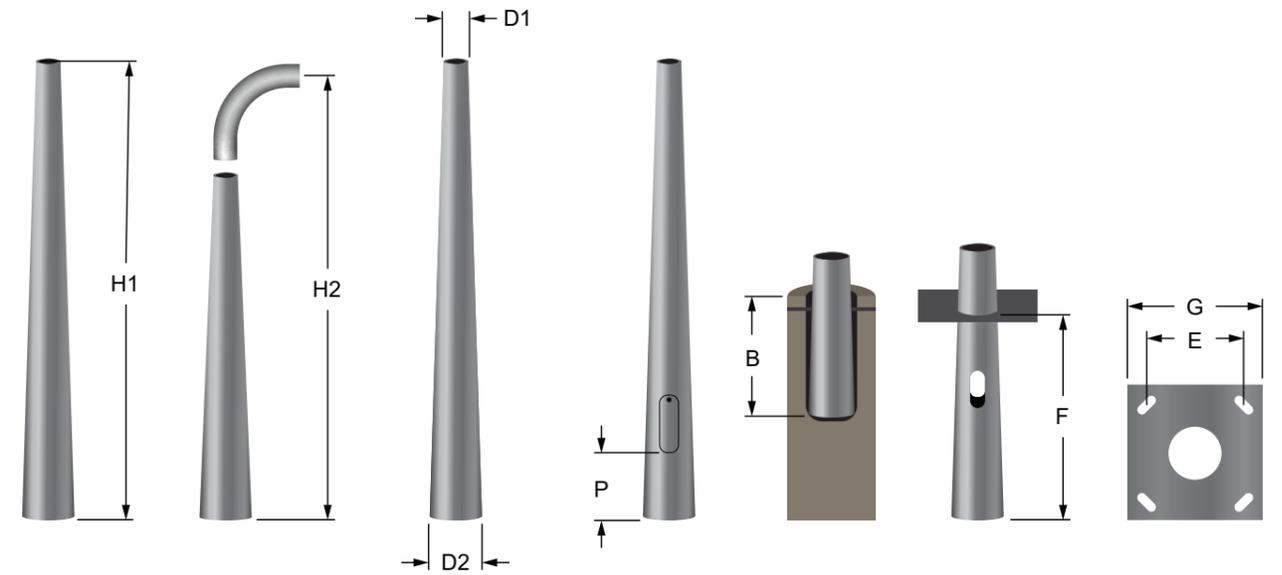
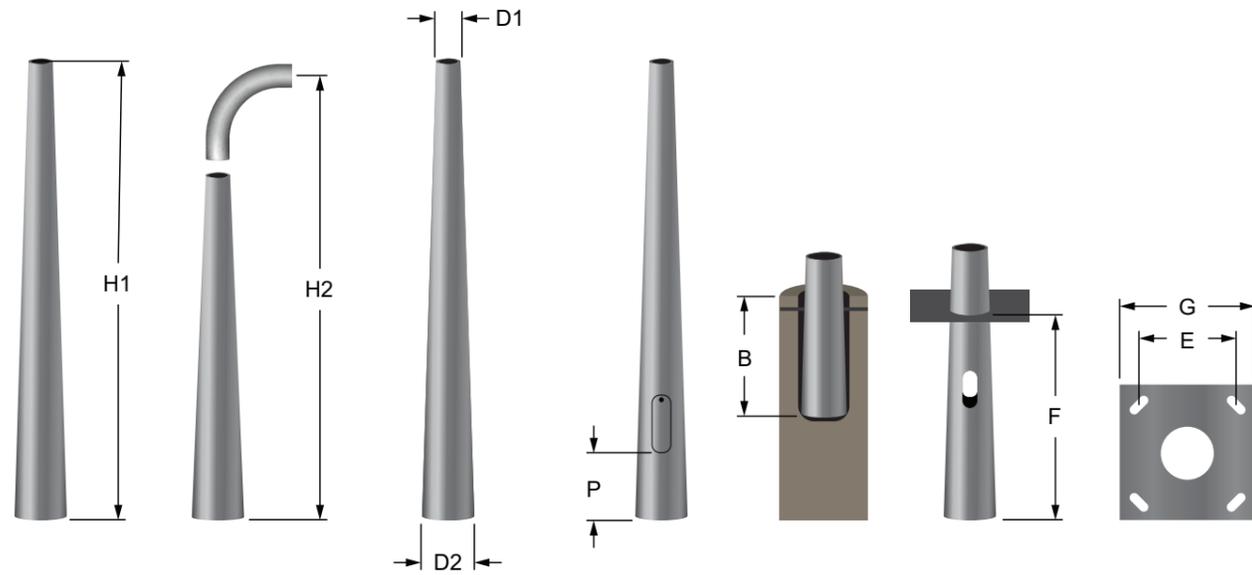
STEEL CONICAL POLES

Engineered from high-strength steel, Infinilux Conical Poles are EN 40-compliant structural members designed to combine optimal mechanical performance with elegant geometry. Their tapered form is ideal for streetscapes, pedestrian boulevards, and urban lighting projects, delivering excellent load-bearing capacity, long-term durability via hot-dip galvanization, and class-leading corrosion resistance. They are certified to European safety and structural standards and are well-suited for both standard and bespoke lighting designs.



ALUMINUM CONICAL POLES

Crafted from premium-grade aluminum alloy, our conical poles offer a lightweight yet corrosion-resistant solution that meets EN 40 standards. These poles are especially suited for pedestrian zones, parkways, and urban boulevards where aesthetics and ease of installation matter. Their slim tapered design enables flexible mounting of single or multiple arms, while providing excellent longevity through powder-coating finishes.



Height	Height with Arm	Top Diameter	Bottom Diameter	Door Height	Installation Depth		Flange Plate	
H1 (m)	H2 (m)	D1 (mm)	D2 (mm)	P (mm)	B (mm)	F (mm)	E (mm)	G (mm)
3	3 - 4	60	104	650	500	800	300	200
4	4 - 5	60	114	650	500	800	300	200
5	5 - 7	60	114	650	500	1000	300	200
6	6 - 8	60	125	650	500	1000	300	200
6	6 - 8	60	138	650	500	1500	350	250
6,5	7 - 9	60	131	950	600	1500	350	250
8	8 - 10	60	146	950	600	1500	350	250
8,5	8,5 - 12	60	151	950	600	1500	350	250
8,5	8,5 - 12	76	167	950	600	1500	350	250
10	10 - 12,5	60	166	950	600	1500	350	250

Height	Height with Arm	Top Diameter	Bottom Diameter	Door Height	Installation Depth		Flange Plate	
H1	H2	D1	D2	P	B	F	E	G
3	3 - 4	60	104	650	500	800	300	200
4	4 - 5	60	114	650	500	800	300	200
5	5 - 7	60	114	650	500	1000	300	200
6	6 - 8	60	125	650	500	1000	300	200
6	6 - 8	60	138	650	500	1500	350	250
6,5	7 - 9	60	131	950	600	1500	350	250
8	8 - 10	60	146	950	600	1500	350	250
8,5	8,5 - 12	60	151	950	600	1500	350	250
8,5	8,5 - 12	76	167	950	600	1500	350	250
10	10 - 12,5	60	166	950	600	1500	350	250

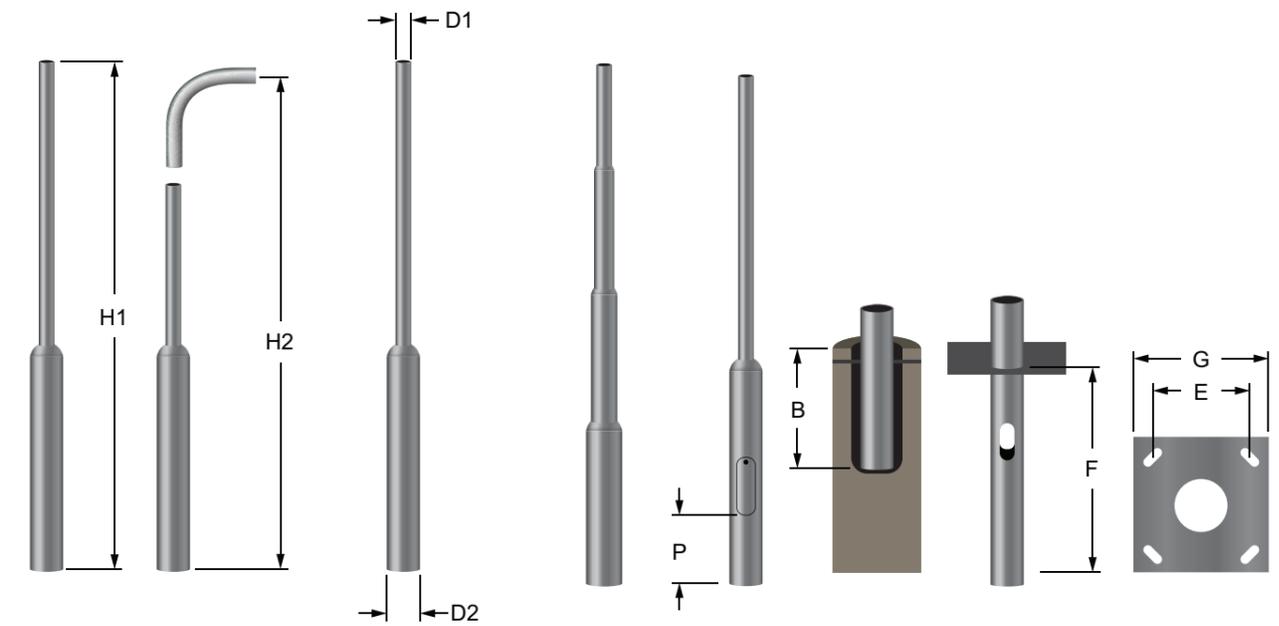
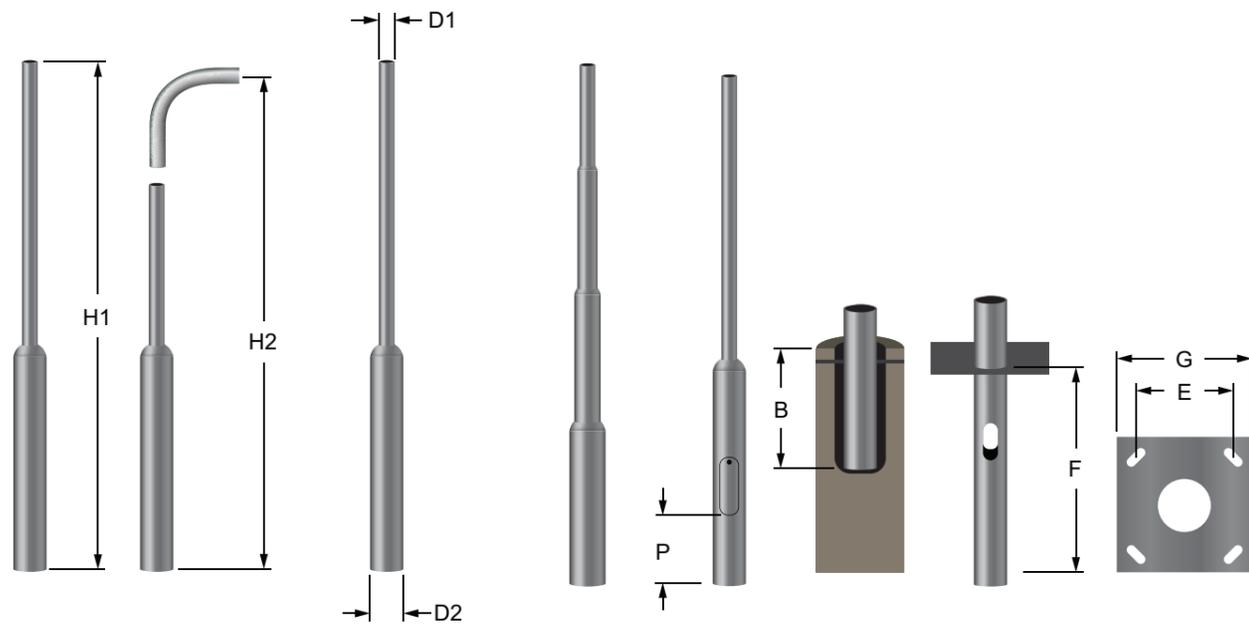
STEEL STEPPED POLES

Infinilux Steel Stepped Poles feature a tiered, multi-diameter profile offering a refined architectural aesthetic with proven structural reliability. Constructed from EN compliant steel, these poles are designed for both visual appeal and load performance. Our stepped poles comply with EN 40 standards and are built to resist wind loads, reduce fatigue, and integrate seamlessly into urban or suburban lighting schemes.



ALUMINUM STEPPED POLES

Manufactured from powder-coated aluminum, our Stepped Poles provide both elegance and robustness. Their multi-tiered profile presents a modern architectural form, while the material properties of aluminum ensure light-weight handling and excellent corrosion resistance. Fully compliant with EN 40 regulations, these poles are optimized for contemporary lighting systems where design and longevity go hand-in-hand.



Height	Height with Arm	Top Diameter	Bottom Diameter	Steps	Door Height	Installation Depth		Flange Plate	
H1 (m)	H2 (m)	D1 (mm)	D2 (mm)	Number	P (mm)	B (mm)	F (mm)	E (mm)	G (mm)
3	4	60	108/114	2	500	500	800	300	200
4	5	60	108/114	2	500	500	800	300	200
5	6	60	108/114	2/3	500	600	1000	350	250
6	7	60	108/114	2/3	500	600	1000	350	250
7	8	60	108/114	3/4	500	600	1500	350	250
8	9	60	114	3/4	1000	600	1800	350	250
10	11	76	139	4	1000	600	1800	350	250

Height	Height with Arm	Top Diameter	Bottom Diameter	Steps	Door Height	Installation Depth		Flange Plate	
H1 (m)	H2 (m)	D1 (mm)	D2 (mm)	Number	P (mm)	B (mm)	F (mm)	E (mm)	G (mm)
3	4	60	108/114	2	500	500	800	300	200
4	5	60	108/114	2	500	500	800	300	200
5	6	60	108/114	2/3	500	600	1000	350	250
6	7	60	108/114	2/3	500	600	1000	350	250
7	8	60	108/114	3/4	500	600	1500	350	250
8	9	60	114	3/4	1000	600	1800	350	250
10	11	76	139	4	1000	600	1800	350	250

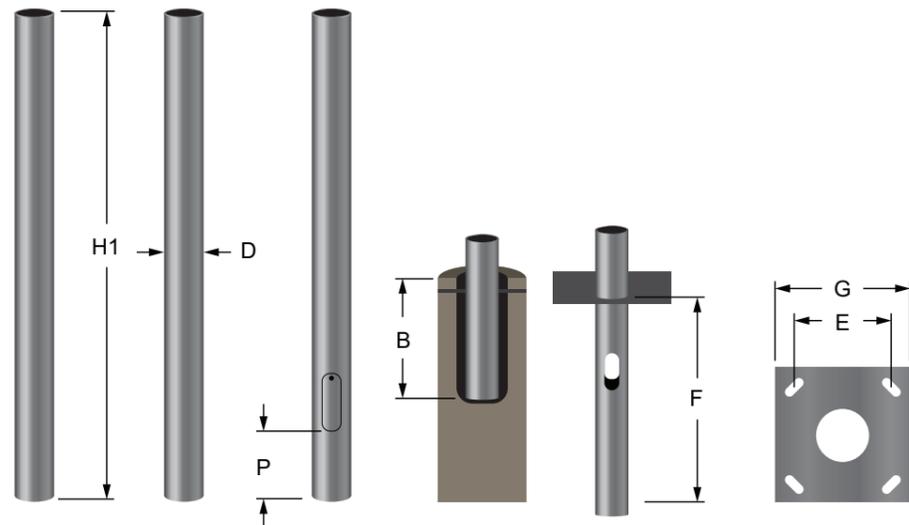
STEEL CYLINDRICAL POLES

Robust and versatile, our Steel Cylindrical Poles are tubular columns manufactured in accordance with EN 40 (EN 40-2 and EN 40-5) and EN 1090 structural standards. Their circular cross-section and uniform dimensions make them ideal for modular and custom designs. They support a wide variety of mounting options, including brackets, arms, and fixtures, and feature durable corrosion protection via hot-dip galvanizing.

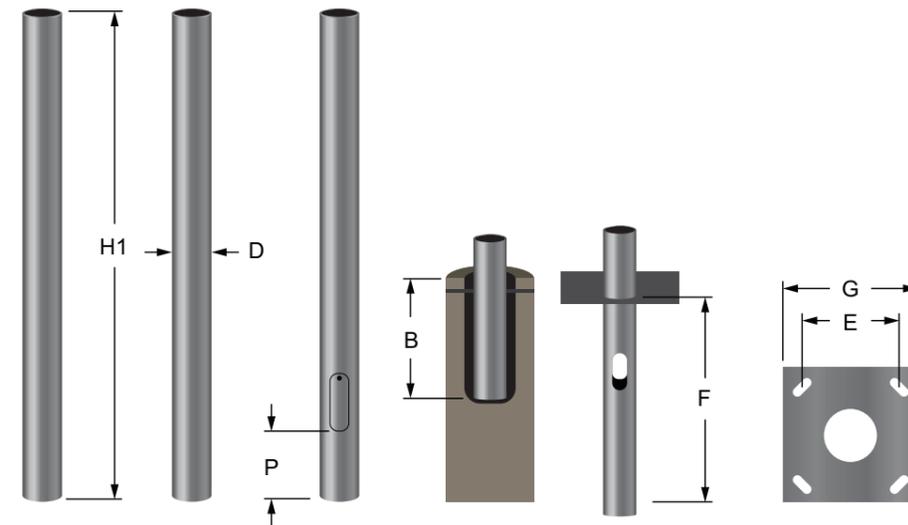
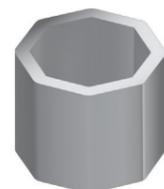
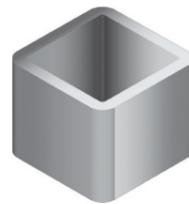


ALUMINUM CYLINDRICAL POLES

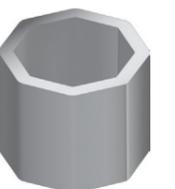
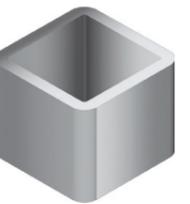
Infinilux Aluminum Cylindrical Poles blend refined aesthetics with performance-grade design. Constructed from structural aluminum alloy and compliant with EN 40 requirements, these poles deliver elegance and durability in public lighting contexts. Their corrosion resistance is enhanced through powder coating, making them particularly well-suited for architectural, maritime, or coastal applications.



SHAPES



SHAPES

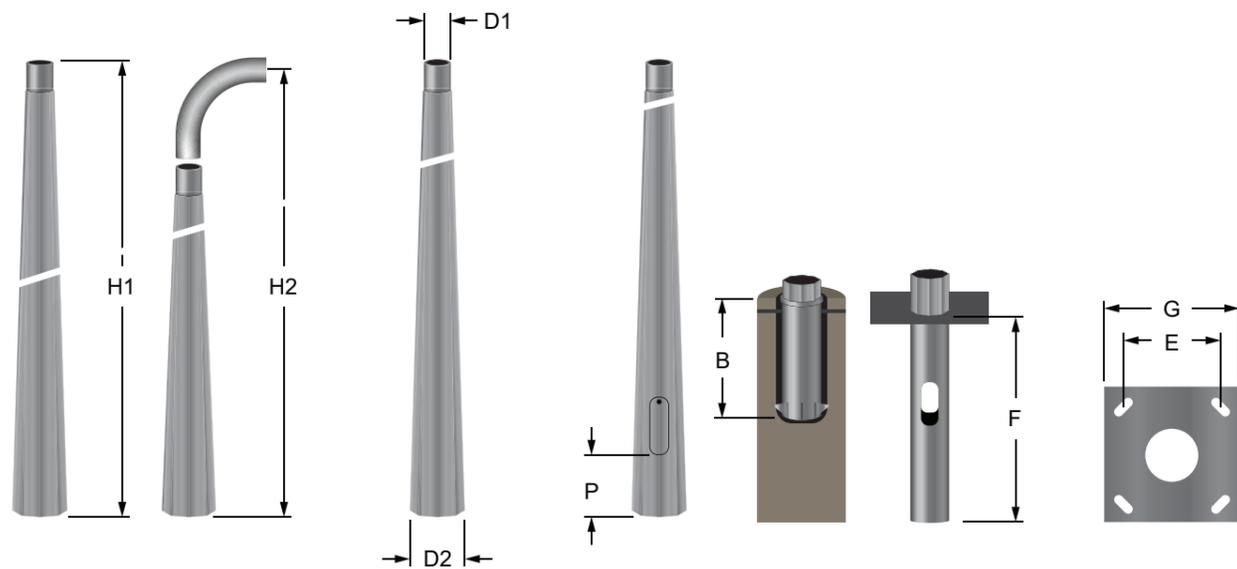


Height	Diameter	Door Height	Installation Depth		Flange Plate	
			B (mm)	F (mm)	E (mm)	G (mm)
H1 (m)	D (mm)	P (mm)	B (mm)	F (mm)	E (mm)	G (mm)
3	102	500	500	800	350	250
4	102	500	500	800	350	250
5	108	500	500	1000	350	250
6	108	500	600	1000	350	250
7	114	1000	600	1500	350	250
8	121	1000	600	1500	350	250
9	127	1000	600	1800	350	250
10	134	1000	650	1800	350	250

Height	Diameter	Door Height	Installation Depth		Flange Plate	
			B (mm)	F (mm)	E (mm)	G (mm)
H1 (m)	D (mm)	P (mm)	B (mm)	F (mm)	E (mm)	G (mm)
3	102	500	500	800	350	250
4	102	500	500	800	350	250
5	108	500	500	1000	350	250
6	108	500	600	1000	350	250
7	114	1000	600	1500	350	250
8	121	1000	600	1500	350	250
9	127	1000	600	1800	350	250
10	134	1000	650	1800	350	250

STEEL PASSIVE SAFETY POLES

Designed to European impact-safety requirements, Infinilux Steel Passive Safety Poles comply with EN 40 structural load and performance classes, and are also suitable for passive safety (crash) applications. These poles are engineered to absorb impact in roadside installations while maintaining their integrity, thanks to high-grade steel construction, robust welding, and protective galvanization. They are ideal for highways, roadways, and other environments where safety is essential.



Height	Height with Arm	Top Diameter	Bottom Diameter	Door Height	Installation Depth		Flange Plate	
H1 (m)	H2 (m)	D1 (mm)	D2 (mm)	P (mm)	B (mm)	F (mm)	E (mm)	G (mm)
6	6 - 8	48/60	152	968	640	1500	350	250
7	7 - 9	48/60	152	968	640	1500	350	250
8	8 - 10	48/60	152	968	640	1500	350	250
9	9 - 11	48/60	152	968	640	1500	350	250
10	10 - 12	48/60	168	968	640	1700	350	250

ACCESSORIES

Complement your lighting installation with Infinilux's full suite of accessories: arms, mounting brackets, base plates, anchor plates, and cable management options. All components are precision-engineered and manufactured for seamless integration with our poles. Accessory materials (steel or aluminum) undergo the same rigorous surface treatment including galvanization or powder coating, to ensure long-term durability in all European climates.

SINGLE ARM

DOUBLE ARM

SA-1

Diameter (mm)	48 - 89
Outreach (mm)	250 - 2500
Uplift (mm)	250 - 2500
Tilt Angle (deg)	0 - 15

SA-2

Diameter (mm)	48 - 89
Outreach (mm)	100 - 2500
Uplift (mm)	100 - 2500
Tilt Angle (deg)	0 - 15

SA-3

Diameter (mm)	48 - 89
Uplift (mm)	500 - 2500

DA-1

Diameter (mm)	48 - 89
Outreach (mm)	250 - 2500
Uplift (mm)	250 - 2500
Tilt Angle (deg)	0 - 15

DA-2

Diameter (mm)	48 - 89
Outreach (mm)	100 - 2500
Uplift (mm)	100 - 2500
Tilt Angle (deg)	0 - 15

DA-3

Diameter (mm)	60 - 89
Outreach (mm)	100 - 2500
Uplift (mm)	250 - 2500
Tilt Angle (deg)	0 - 15
Angle Between Arms (deg)	90 - 120

THREE ARM

FOUR ARM

SA-4

Diameter (mm)	60 - 89
Outreach (mm)	250 - 2500
Uplift (mm)	250 - 2500
Tilt Angle (deg)	0 - 15
Installation on Top (dia)	48 - 76

SA-5

Diameter (mm)	60 - 89
Outreach (mm)	100 - 2500
Uplift (mm)	100 - 2500
Tilt Angle (deg)	0 - 15
Installation on Top (dia)	48 - 76

SA-6

Diameter (mm)	60 - 89
Uplift (mm)	500 - 2500
Installation on Top (dia)	48 - 76

TA-1

Diameter (mm)	48 - 89
Outreach (mm)	250 - 2500
Uplift (mm)	250 - 2500
Tilt Angle (deg)	0 - 15

FA-2

Diameter (mm)	48 - 89
Outreach (mm)	250 - 2500
Uplift (mm)	250 - 2500
Tilt Angle (deg)	0 - 15

POST ARM

CUSTOM

PA-1

Diameter (mm)	48 - 76
Outreach (mm)	100 - 500
Uplift (mm)	100 - 500
Tilt Angle (deg)	0 - 15

PA-2

Diameter (mm)	48 - 76
Outreach (mm)	100 - 500
Uplift (mm)	100 - 500
Tilt Angle (deg)	0 - 15

PA-3

Diameter (mm)	48 - 76
Outreach (mm)	100 - 500
Uplift (mm)	100 - 500
Tilt Angle (deg)	0 - 15

T-1

Diameter (mm)	48 - 108
Outreach (mm)	100 - 3000
Uplift (mm)	100 - 2500

T-2

Diameter (mm)	48 - 108
Crown Diameter (mm)	500 - 2000
Uplift (mm)	100 - 2500

WA-1

Outreach (mm)	100 - 1500
Tilt Angle (deg)	0 - 15

CS-1

Outreach (mm)	100 - 1500
Tilt Angle (deg)	0 - 15
Installation on Pole (mm)	60 - 168



infinilux

INFINILUX ENGINEERING LLP
15-C, VIBHAG 8, SARDAR NAGAR
NIZAMPURA, VADODARA 390002
GUJARAT GJ, INDIA