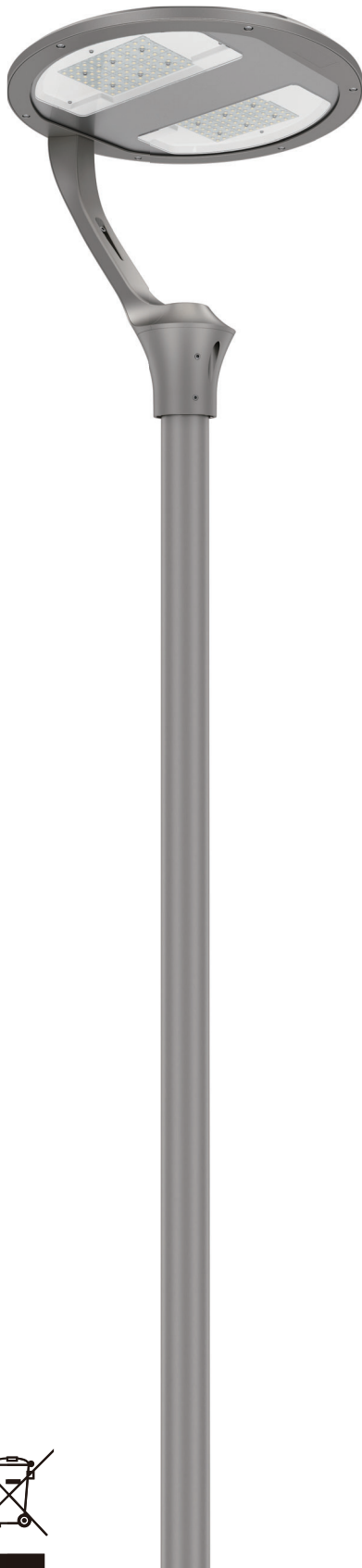


AVQ-UR150-A

Urban LED Street Light



5 YEAR
WARRANTY

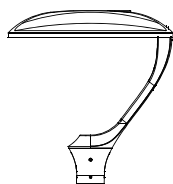
Product Benefits

- Luminaire efficacy up to 170 lm/W
- Up to 100,000 h @ L70, with low maintenance cost
- Quality components from recognized suppliers (LEDs, driver, etc.)
- Six mounting options: post top, pendant, suspension, side entry and others
- Smooth body greatly reduces accumulation of dust and bird droppings
- 5-year warranty





PRODUCT DATASHEET



PT1: Post Top - Single arm

Order Reference

AVQ-UR150-A PT1

Post Top - Single arm

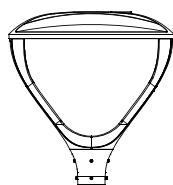
ARVENQ Model		AVQ-UR150-A	AVQ-UR150-A*	AVQ-UR150-A	AVQ-UR150-A*	AVQ-UR150-A
Nominal Wattage		30W	30W	50W	50W	80W
3030 Version	Efficiency Lumen	145 lm/W 4350 lm	160 lm/W 4800 lm	145 lm/W 7250 lm	160 lm/W 8000 lm	145 lm/W 11600 lm
5050 Version	Efficiency Lumen	150 lm/W 4500 lm	--	150 lm/W 7500 lm	--	150 lm/W 12000 lm
ARVENQ Model		AVQ-UR150-A*	AVQ-UR150-A	AVQ-UR150-A*	AVQ-UR150-A	AVQ-UR150-A
Nominal Wattage		80W	100W	100W	120W	150W
3030 Version	Efficiency Lumen	155 lm/W 12400 lm	135 lm/W 13500 lm	150 lm/W 15000 lm	140 lm/W 16800 lm	135 lm/W 20250 lm
5050 Version	Efficiency Lumen	--	145 lm/W 14500 lm	--	145 lm/W 17400 lm	145 lm/W 21750 lm

- Values are calculated for products with CCT above 3000 K; at 3000 K values are approximately 5% lower.

- Luminous efficacy may vary for the same model when different optical lenses are used.

- Values shown are subject to +/-5% tolerance.

- An asterisk (*) identifies the high-efficiency version.



PT2: Post Top - Double arm

Order Reference

AVQ-UR150-A PT2

Post Top - Double arm

ARVENQ Model		AVQ-UR150-A	AVQ-UR150-A*	AVQ-UR150-A	AVQ-UR150-A*	AVQ-UR150-A
Nominal Wattage		30W	30W	50W	50W	80W
3030 Version	Efficiency Lumen	135 lm/W 4050 lm	155 lm/W 4650 lm	140 lm/W 7000 lm	155 lm/W 7750 lm	135 lm/W 10800 lm
5050 Version	Efficiency Lumen	145 lm/W 4350 lm	--	145 lm/W 7250 lm	--	145 lm/W 11600 lm
ARVENQ Model		AVQ-UR150-A*	AVQ-UR150-A	AVQ-UR150-A*	AVQ-UR150-A	AVQ-UR150-A
Nominal Wattage		80W	100W	100W	120W	150W
3030 Version	Efficiency Lumen	145 lm/W 11600 lm	130 lm/W 13000 lm	145 lm/W 14500 lm	135 lm/W 16200 lm	130 lm/W 19500 lm
5050 Version	Efficiency Lumen	--	140 lm/W 14000 lm	--	140 lm/W 16800 lm	140 lm/W 21000 lm

- Values are calculated for products with CCT above 3000 K; at 3000 K values are approximately 5% lower.

- Luminous efficacy may vary for the same model when different optical lenses are used.

- Values shown are subject to +/-5% tolerance.

- An asterisk (*) identifies the high-efficiency version.

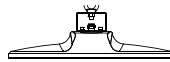
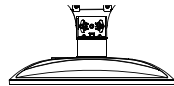
PRODUCT DATASHEET

SE: Side Entry

WS: Wire Suspension

HB: High Bay

PP: Pole Pendant



Order Reference

AVQ-UR150-A PP

Side Entry | Wire Suspension | High Bay | Pole Pendant

ARVENQ Model		AVQ-UR150-A	AVQ-UR150-A*	AVQ-UR150-A	AVQ-UR150-A*	AVQ-UR150-A
Nominal Wattage		30W	30W	50W	50W	80W
3030 Version	Efficiency Lumen	150 lm/W 4500 lm	170 lm/W 5100 lm	155 lm/W 7750 lm	170 lm/W 8500 lm	150 lm/W 12000 lm
5050 Version	Efficiency Lumen	155 lm/W 4650 lm	--	160 lm/W 8000 lm	--	155 lm/W 12400 lm
ARVENQ Model		AVQ-UR150-A*	AVQ-UR150-A	AVQ-UR150-A*	AVQ-UR150-A	AVQ-UR150-A
Nominal Wattage		80W	100W	100W	120W	150W
3030 Version	Efficiency Lumen	165 lm/W 13200 lm	145 lm/W 14500 lm	160 lm/W 16000 lm	145 lm/W 17400 lm	145 lm/W 21750 lm
5050 Version	Efficiency Lumen	--	155 lm/W 15500 lm	--	150 lm/W 18000 lm	150 lm/W 22500 lm

- Values are calculated for products with CCT above 3000 K; at 3000 K values are approximately 5% lower.

- Luminous efficacy may vary for the same model when different optical lenses are used.

- Values shown are subject to +/-5% tolerance.

- An asterisk (*) identifies the high-efficiency version.

Electrical Data:

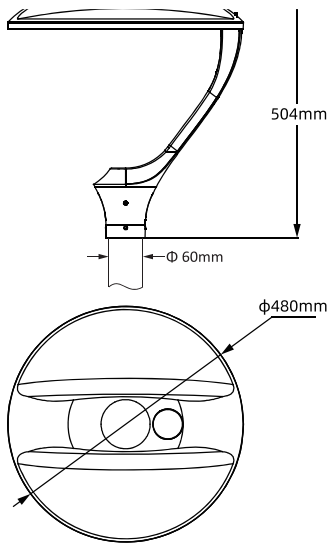
Nominal Voltage	AC 100-240 V / 277 V 50 / 60 Hz
LED	Lumileds
Driver	Inventronics / other brands on request
Power Factor (PF)	>0.95
THD	<15
SPD	10 kV (default) / 20 kV (available on request)
Optics	Type II, Type III, Type V
Standard Deviation of Color Matching	<5 SDCM
CRI	Ra>70 (default) / Ra>80
CCT	1800 K, 2200 K, 2700 K, 3000 K, 4000 K, 5000 K, 5700 K, 6500 K

General Data

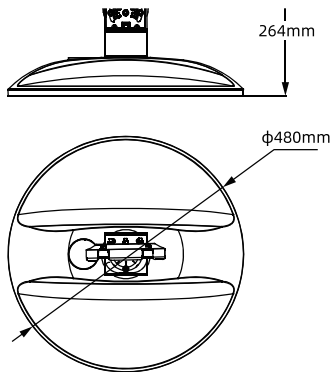
Body Material	High-pressure die-cast aluminum
Housing Color	Gray RAL9007 / other colors on request
Cover Material	Tempered glass
Lens Material	UV-resistant polycarbonate
Working Environment	-40 °C to +50 °C, 10%-90% RH
Lifespan L70 at 25 °C	>100,000 h
Mounting Type	Post Top Pole Pendant Wire Suspension Side Entry
Dimmable	1-10 V (default) / timer dimming / DALI dimming
Protection Class	Class I (default) / Class II
Standards & Certifications	CE, RoHS, ENEC, CB, LM79, LM80, TM-21, IP66, IK08/IK10, Zhaga-D4i
Available on request	NEMA socket (3/5/7 pin), ZHAGA socket, short cap, photocell, motion sensor, NTC, OLC, solar compatible, smart controller

PRODUCT INFORMATION

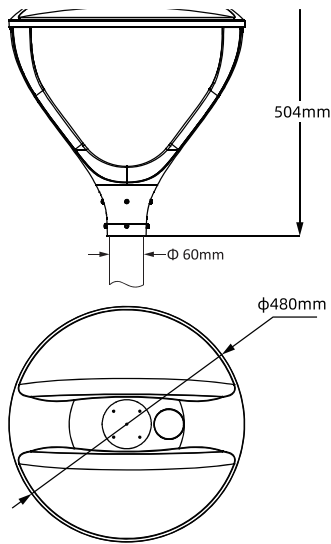
PT1: Post Top - Single arm



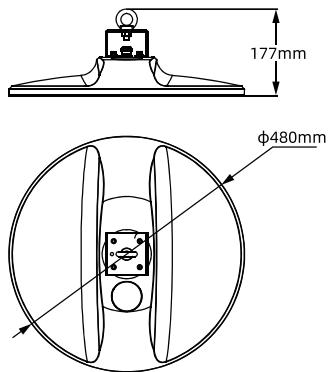
WS: Wire Suspension



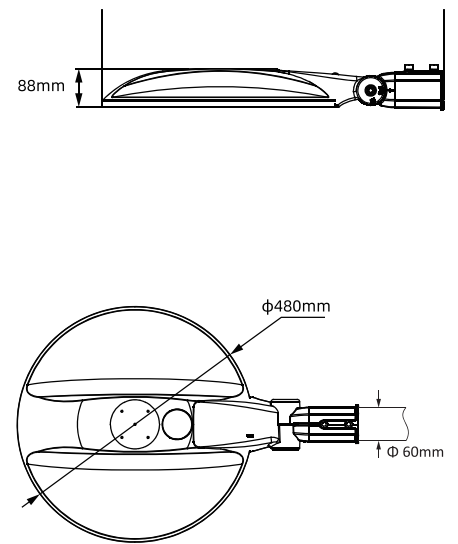
PT2: Post Top - Double arm



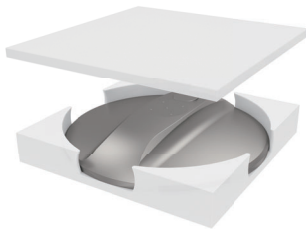
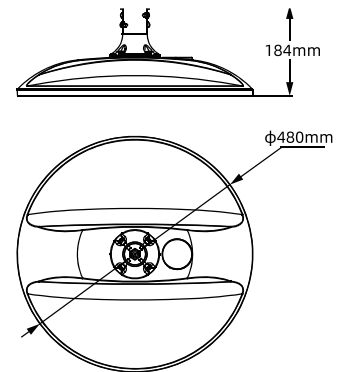
HB: High Bay



SE: Side Entry



PP: Pole Pendant



Version	Packing Type	Fixture Dimension (mm)	Package Dimension (mm)	Fixture Weight (kg)	Package Weight (kg)
Post Top - Single arm	1 unit / ctn	480 x480 x504	495*495*170	6.8	7.8
Post Top - Double arm	1 unit / ctn	480 x480 x504	495*495*170	7.2	8.2
Pole Pendant	1 unit / ctn	480 x480 x184	495*495*170	6.0	7.0
Wire Suspension	1 unit / ctn	480 x480 x264	495*495*170	6.9	7.9
High Bay	1 unit / ctn	480 x480 x177	495*495*170	6.3	7.3
Side Entry	1 unit / ctn	695 x480 x88	495*495*170	6.8	7.8

PRODUCT DATASHEET

Light Distributions

Order Reference

T 2 M 5 5 0 0 1

Type

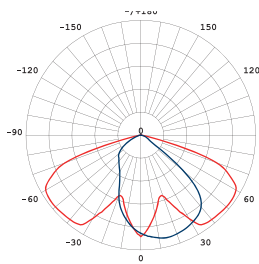
- 1----- Type I
- 2----- Type II
- 3----- Type III
- 4----- Type IV
- 5----- Type V

Serial number

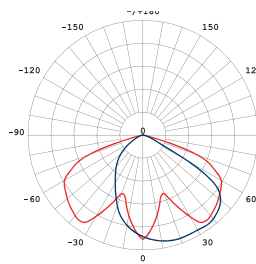
- 3----- 3030 Chips
- 5----- 5050 Chips
- 5----- Lens size 50x50 mm
- S----- Short
- M----- Medium
- L----- Long

Post Top - Single arm

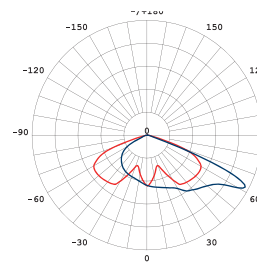
3030 Version



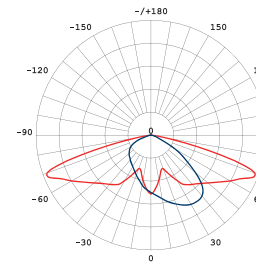
T2S53001



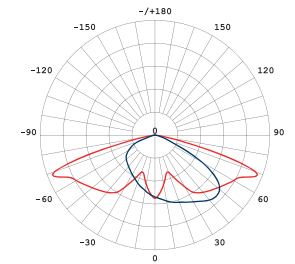
T3S53002



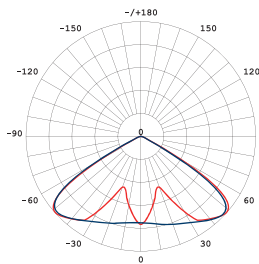
T3S53003



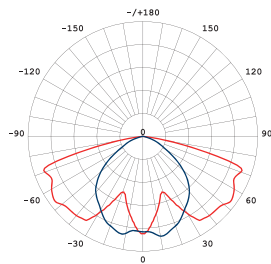
T2M53007



T3M53009

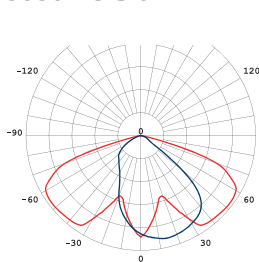


120D53014

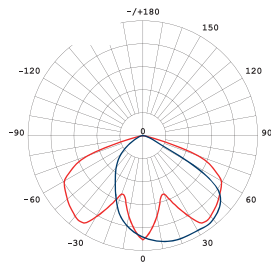


T2S53018

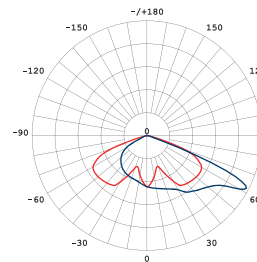
5050 Version



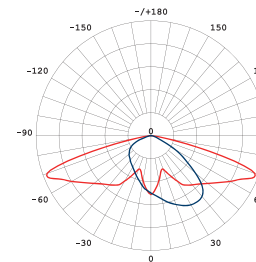
T2S55004



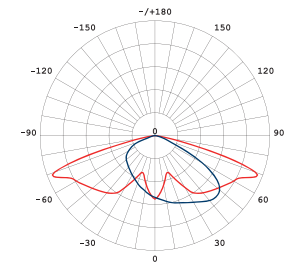
T3M55005



T3S55006



T2M55008

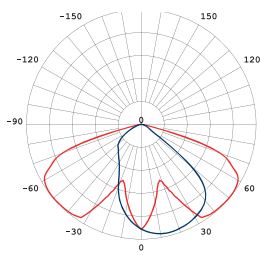


T3M55010

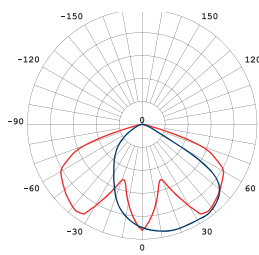
PRODUCT DATASHEET

Post Top - Double arm

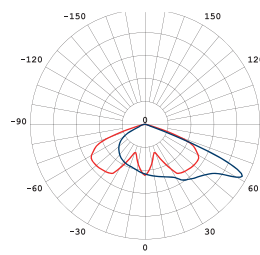
3030 Version



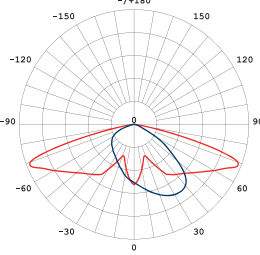
T2S53001



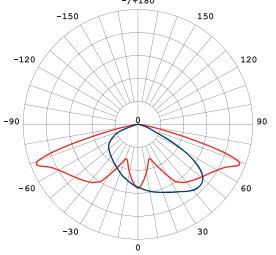
T3S53002



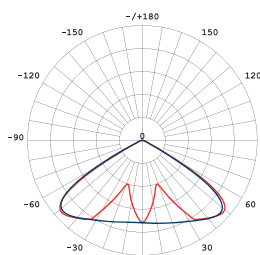
T3S53003



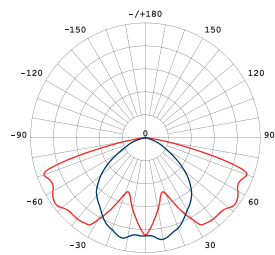
T2M53007



T3M53009

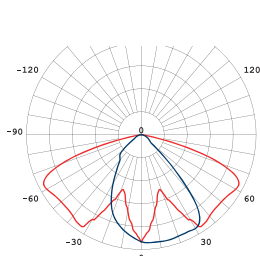


120D53014

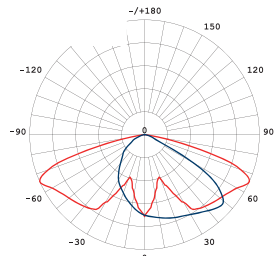


T2S53018

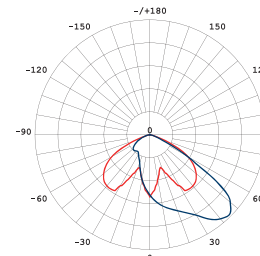
5050 Version



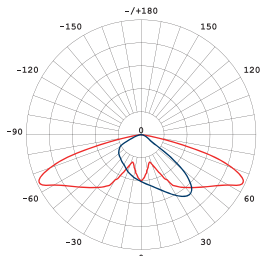
T2S55004



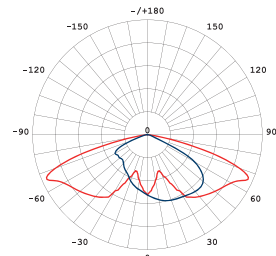
T3M55005



T3S55006



T2M55008

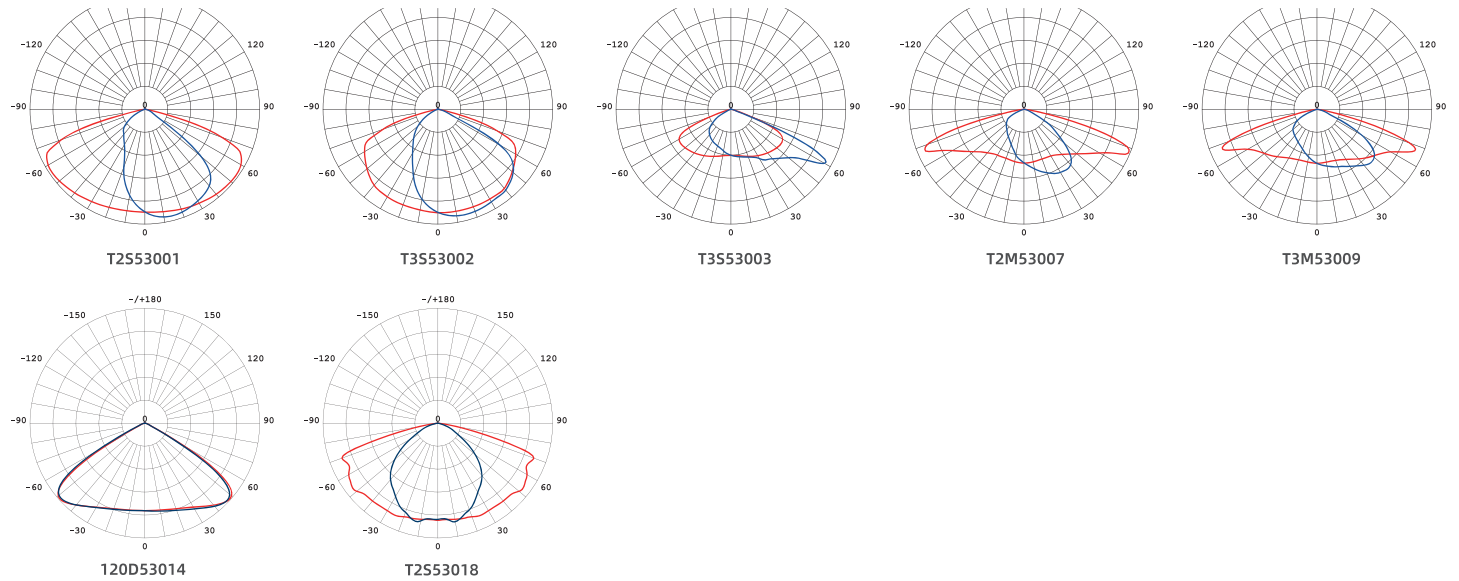


T3M55010

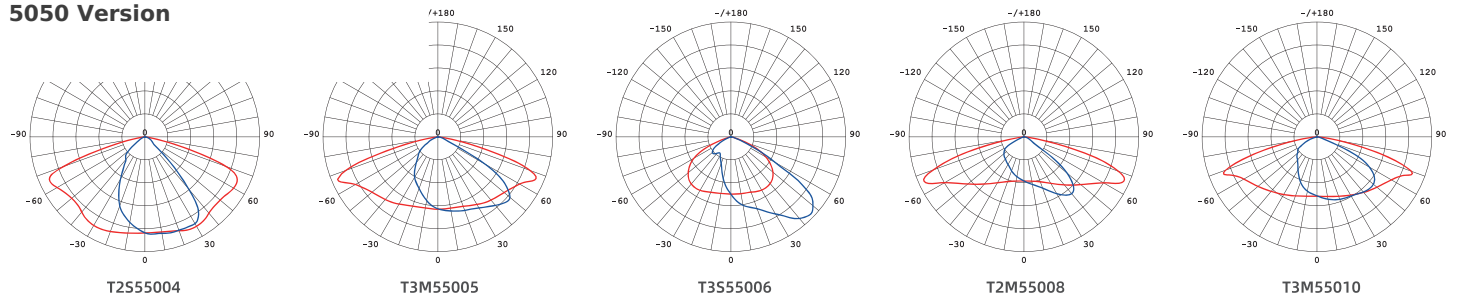
PRODUCT DATASHEET

Side Entry | Wire Suspension | High Bay | Pole Pendant

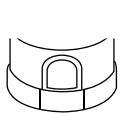
3030 Version



5050 Version



Optional Accessories



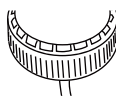
Photocell



Shorting Cap



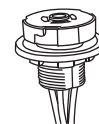
NEMA Socket
(3 / 5 / 7 pin)



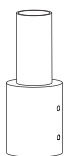
Motion Sensor



Smart Controller



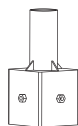
ZHAGA Socket



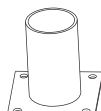
"80-60 mm"



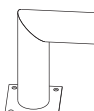
"60-40 mm"



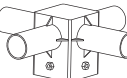
Square to round



"T" Type



"L" Type



"2 in 1"

"4 in 1"