



2T MAKİNE
ELEKTRİK İNŞAAT SAN. VE TİC. LTD. ŞTİ.

PRODUCTION CATALOGUE

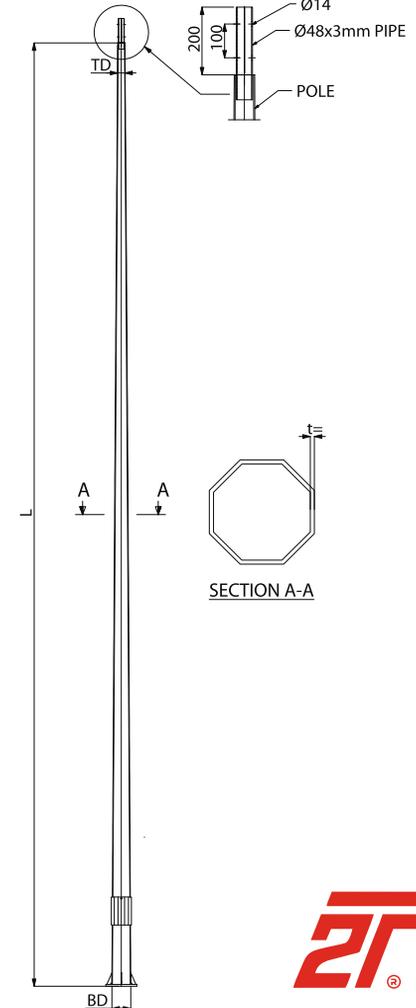
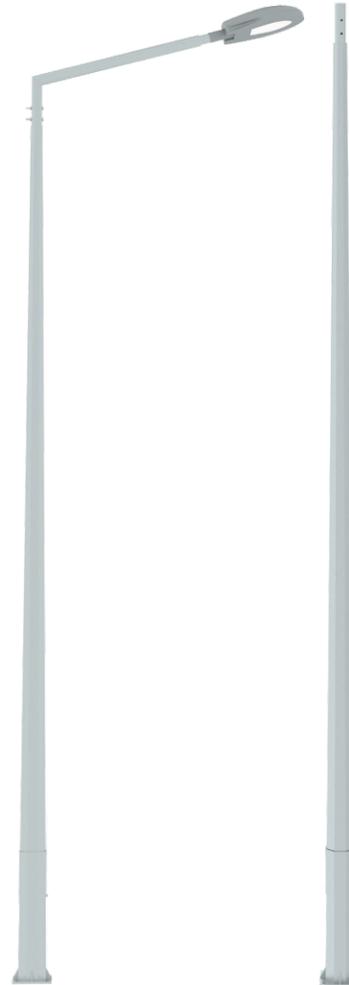


NEW TYPE STANDARD LIGHTING POLES

TECHNICAL DETAILS:

- It can be produced with a polygonal cross-section in lengths from 4 meters to 15 meters.
- Upto 12 meters are produced as a single piece, while lengths over 12 meters are produced in two or more pieces and assembled using a tight-fitting method.
- Galvanized or painted galva ized coating is available upon request.
- The length and number of consoles can be determined according to the lighting needs and lightingdirection.
- Console sizes and quantities may be as follows;
-(0.5 Mt-1 Mt-1.5 Mt-2 Mt-2.5 Mt lengths, Single-Double-Triple-Quadruple)
- Lighting poles are mounted to the foundation using base plates and anchors.
- If requested, designs can be made using Static Calculation methods according to winds peed.

LENGHT (mm)	BASE DIA (mm)	TOP DIA (mm)	THICKNESS (mm)	ANCHOR BOLT (mm)	BASE PLATE (mm)
4000	125	60	3	M12x432	12x220x220
5000	125	60	3	M12x432	12x220x220
6000	140	60	3	M16x576	12x260x260
7000	170	60	3	M16x576	14x280x280
8000	180	60	3	M16x576	14x300x300
9000	205	60	3	M20x720	16x360x360
10000	220	60	3	M20x720	16x400x400
11000	235	60	3	M20x720	16x420x420
12000	250	60	3	M20x720	16x420x420
13000	225	60	3-4	M24x864	18x440x440
14000	240	60	3-4	M24x864	18x440x440
15000	250	60	3-4	M24x864	18x440x440

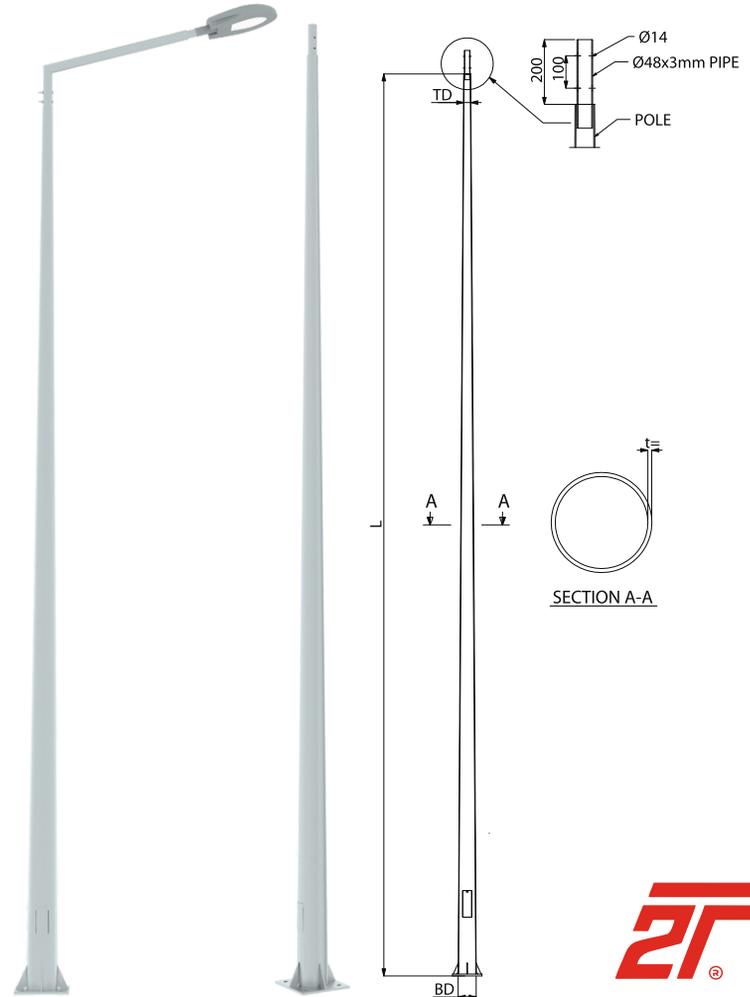


CONICAL TYPE STANDARD LIGHTING POLES

TECHNICAL DETAILS:

- It can be produced in circular cross-sections from 3 meters to 12 meters.
- Production is done in single pieces upto 12 meters.
- Galvanized or painted galvanized coating is available upon request.
- The length and number of consoles can be determined according to the lighting needs and lighting direction.
- Console sizes and quantities may be as follows;
-(0.5 Mt-1 Mt-1.5 Mt-2 Mt-2.5 Mt lengths, Single-Double-Triple-Quadruple)
- Lighting poles are mounted to the foundation using base plates and anchors.
- If requested, designs can be made using Static Calculation methods according to wind speed.

LENGHT (mm)	BASE DIA (mm)	TOP DIA (mm)	THICKNESS (mm)	ANCHOR BOLT (mm)	BASE PLATE (mm)
3000	90	60	3	M12x432	10x220x220
4000	100	60	3	M12x432	10x220x220
5000	110	60	3	M12x432	10x220x220
6000	120	60	3	M16x576	10x250x250
7000	130	60	3	M16x576	10x250x250
8000	140	60	3	M16x576	12x250x250
9000	150	60	3	M20x720	12x250x250
10000	160	60	3	M20x720	12x300x300
11000	170	60	3	M20x720	16x400x400
12000	180	60	3 <td M20x720	16x400x400	

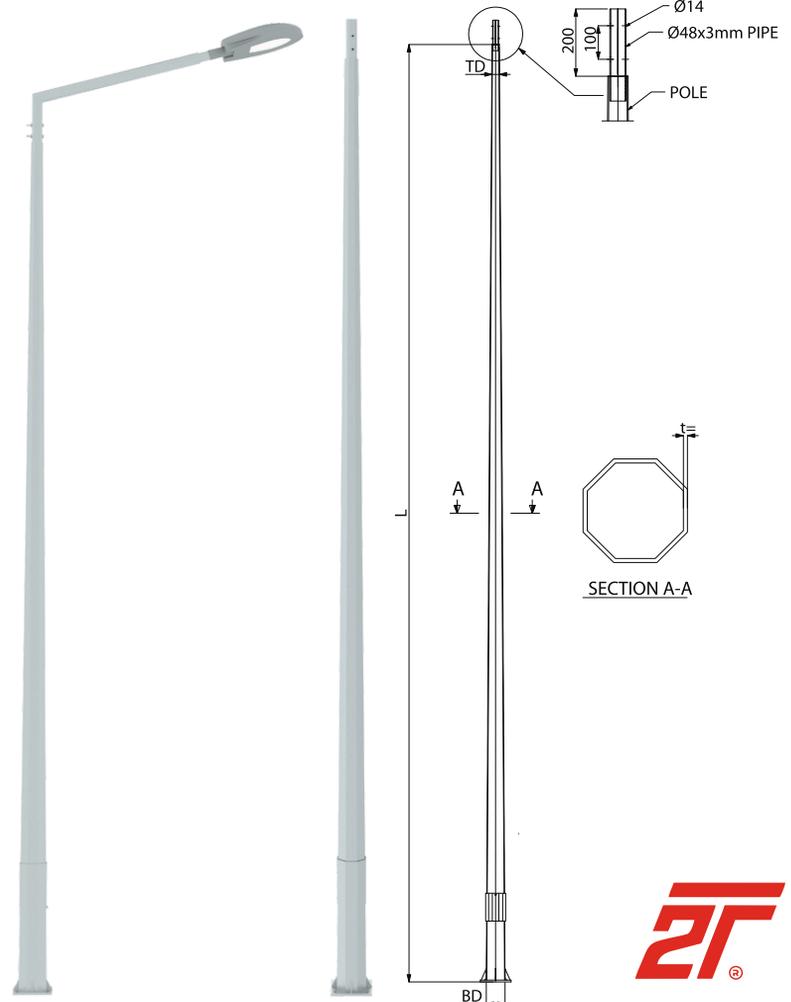


OLD-STYLE STANDARD LIGHTING POLES

TECHNICAL DETAILS:

- It can be produced with a polygonal cross-section in lengths from 2.5 meters to 11.5 meters.
- Production is done in single pieces upto 12 meters.
- Galvanized or painted galvanized coating is available upon request.
- The length and number of consoles can be determined according to the lighting needs and lighting direction.
- Console sizes and quantities may be as follows;
-(0.5 Mt-1 Mt-1.5 Mt-2 Mt-2.5 Mt lengths, Single-Double-Triple-Quadruple)
- Lighting poles are mounted to the foundation using base plates and anchors.
- If requested, designs can be made using Static Calculation methods according to windspeed.

LENGHT (mm)	BASE DIA (mm)	TOP DIA (mm)	THICKNESS (mm)	ANCHOR BOLT (mm)	BASE PLATE (mm)
2500	100	60	3	M12x432	10x220x220
3500	100	60	3	M12x432	10x220x220
4500	100	60	3	M12x432	10x220x220
5500	100	60	3	M16x576	12x250x250
6500	130	60	3	M16x576	12x250x250
7500	130	60	3	M20x720	12x250x250
8500	170	60	3	M20x720	12x300x300
9500	170	60	3	M20x720	12x300x300
10500	210	60	3	M20x720	14x350x350
11500	210	60	3	M24x864	16x420x420



CONICAL TYPE STANDARD LIGHTING POLES WITH BASE PLATE / COVER

TECHNICAL DETAILS:

- It can be produced in circular cross-sections from 4 meters to 10 meters.
- Galvanized or painted galvanized coating is available upon request.
- The console position can be determined according to the lighting requirements and the direction of lighting.
- Lighting poles are mounted to the foundation using base plates and anchors.
- If requested, designs can be made using Static Calculation methods according to winds speed.

LENGTH (mm)	BASE DIA (mm)	TOP DIA (mm)	THICKNESS (mm)	ANCHOR BOLT (mm)	BASE PLATE (mm)
4000	100	60	3	M16x500	10x250x250
6000	120	60	3	M18x700	10x300x300
8000	140	60	3	M20x900	10x300x300
10000	160	60	4	M22x1100	15x300x300

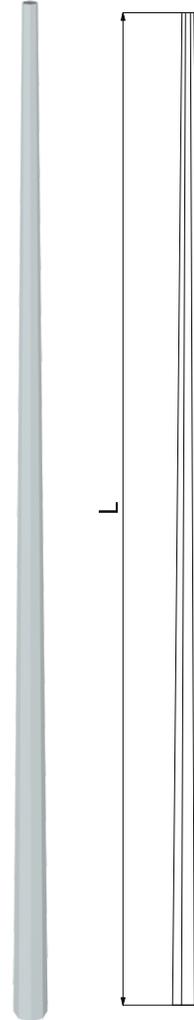


RECESSED TYPE POLYGON LIGHTING POLES

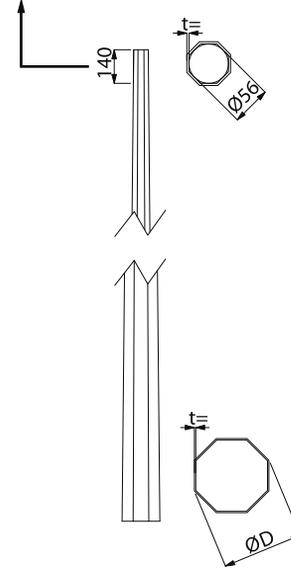
TECHNICAL DETAILS:

- It can be produced with a polygonal cross-section in lengths from 3.5 meters to 9 meters.
- Galvanized or painted galvanized coating is available upon request.
- The console position can be determined according to the lighting requirements and the direction of lighting..
- Lighting poles are installed into the foundation using them bedding method.
- If requested, designs can be made using Static Calculation methods according to winds peed.

OSL POLES		
LENGHT (mm)	ØD (mm)	THICKNESS (mm)
3500	156	3
4000	156	3
4500	156	3
5000	156	3
6000	156	3
7000	156	3
8000	156	3
9000	156	3
3500	156	4
4000	156	4
4500	156	4
5000	156	4
6000	156	4
7000	156	4
8000	156	4
9000	156	4



Attention:
Weld grinded outside from the top on the lenght 140mm.
Weld inside without bead on the lenght 140mm.

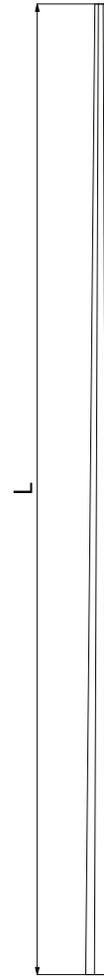


RECESSED TYPE POLYGON LIGHTING POLES

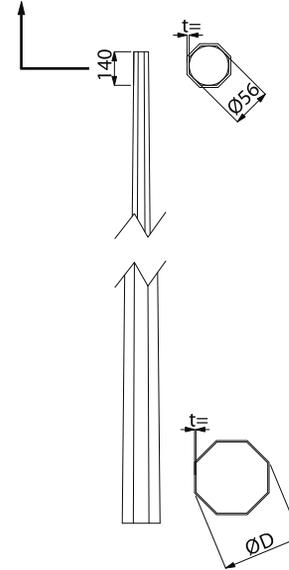
TECHNICAL DETAILS:

- It can be produced with a polygonal cross-section in lengths from 5 meters to 12 meters.
- Galvanized or painted galvanized coating is available upon request.
- The console position can be determined according to the lighting requirements and the direction of lighting.
- Lighting poles are installed into the foundation using their recessed mounting method.
- If requested, designs can be made using Static Calculation methods according to wind speed.

OSH POLES		
LENGTH (mm)	ØD (mm)	THICKNESS (mm)
5000	191	3
6000	191	3
7000	191	3
8000	191	3
9000	191	3
10000	191	3
11000	191	3
12000	191	3
5000	191	4
6000	191	4
7000	191	4
8000	191	4
9000	191	4
10000	191	4
11000	191	4
12000	191	4



Attention:
Weld grinded outside from the top on the length 140mm.
Weld inside without bead on the length 140mm.

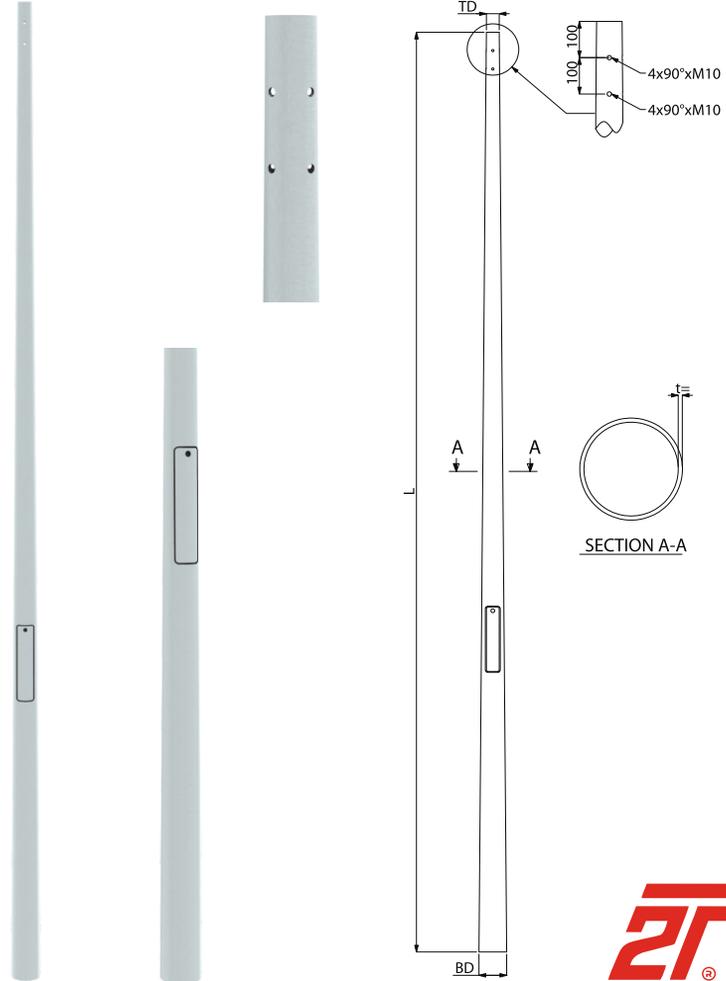


RECESSED TYPE CONICAL LIGHTING POLES

TECHNICAL DETAILS:

- It can be produced with a circular cross-section in sizes ranging from 6.5 meters to 9.1 meters.
- Galvanized or painted galvanized coating is available upon request.
- The console position can be determined according to the lighting requirements and the direction of lighting.
- Lighting poles are installed into the foundation using the recessed mounting method.
- If requested, designs can be made using Static Calculation methods according to wind speed.

LENGTH (mm)	BASE DIA (mm)	TOP DIA (mm)	THICKNESS (mm)
6500	125	60	3
7100	131	60	3
9100	151	60	3
6500	141	76	3
7100	147	76	3
9100	167	76	3

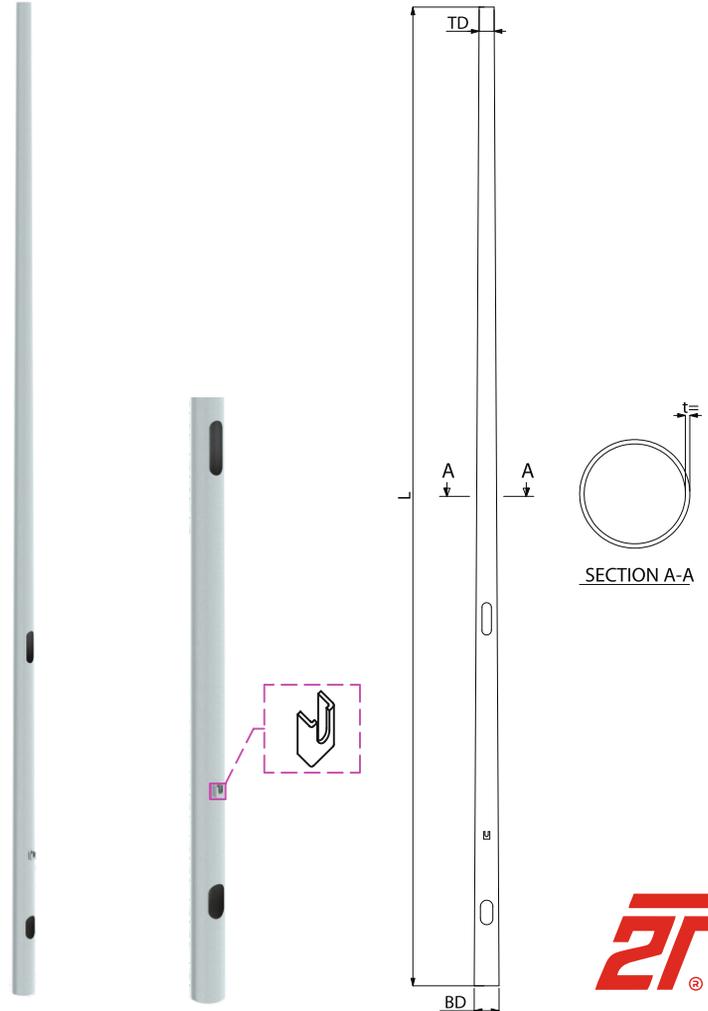


RECESSED TYPE CONICAL LIGHTING POLES

TECHNICAL DETAILS:

- It can be produced in circular cross-sections from 4 meters to 7.8 meters.
- Galvanized or painted galvanized coating is available upon request.
- Lighting poles are installed into the foundation using there cessed mounting method.
- The length and number of consoles can be determined according to the lighting need sand lighting direction.
- If requested, designs can be made using Static Calculation methods according to winds peed.

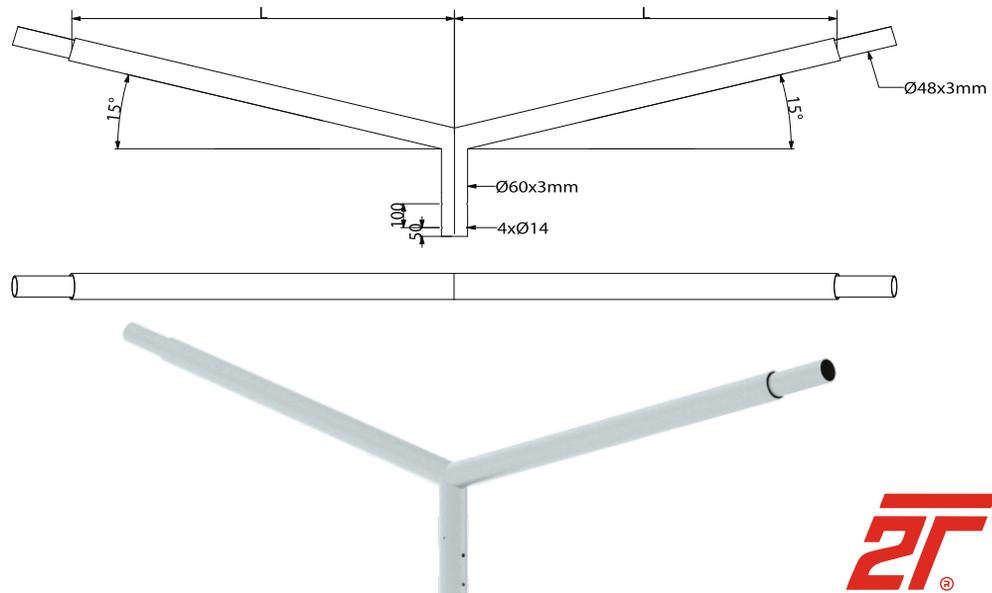
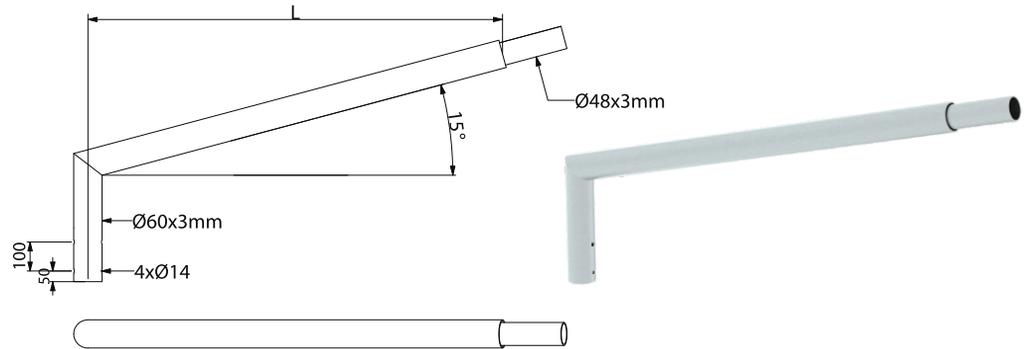
LENGHT (mm)	BASE DIA (mm)	TOP DIA (mm)	THICKNESS (mm)
4000	100	60	3
4500	105	60	3
5000	110	60	3
5500	115	60	3
5500	120	60	3
6800	128	60	3
7800	138	60	3
8800	148	60	3
9800	158	60	3
10800	168	60	3
11800	178	60	3



STANDARD TYPE SINGLE AND DOUBLE CONSOLE

TECHNICAL DETAILS:

- It is produced with a circular cross-section.
- Galvanized or painted galvanized coating is available upon request.
- The length and number of consoles can be determined according to the lighting needs and lighting direction.
- If requested, designs can be made using Static Calculation methods according to wind speed.



LENGTH
(mm)

500

1000

1500

2000

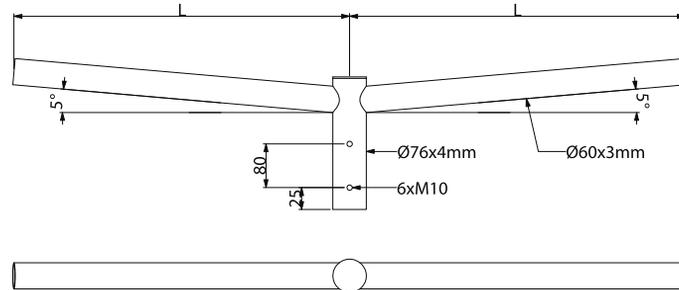
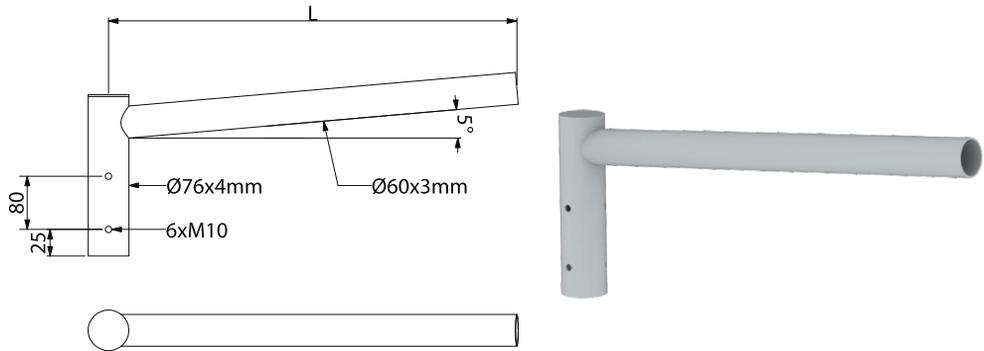
2500



STANDARD TYPE SINGLE AND DOUBLE CONSOLE

TECHNICAL DETAILS:

- It is produced with a circular cross-section.
- Galvanized or painted galvanized coating is available upon request.
- The length and number of consoles can be determined according to the lighting needs and lighting direction.
- If requested, designs can be made using Static Calculation methods according to wind speed.



LENGHT
(mm)

500

1000

1500

2000

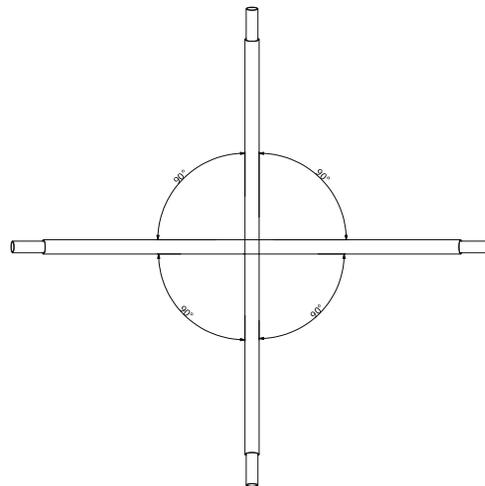
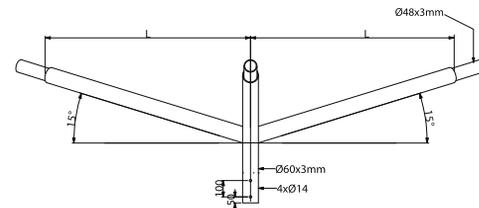
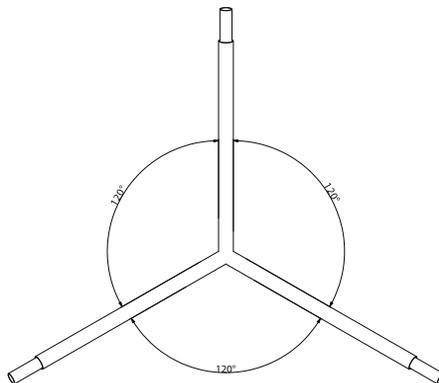
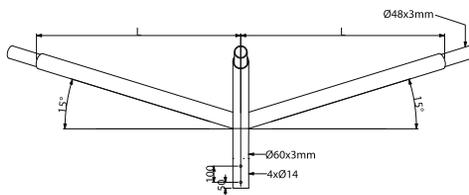
2500



STANDARD TYPE TRIPLE AND QUAD CONSOLE

TECHNICAL DETAILS:

- It is produced with a circular cross-section.
- Galvanized or painted galvanized coating is available upon request.
- The length and number of consoles can be determined according to the lighting needs and lighting direction.
- If requested, designs can be made using Static Calculation methods according to wind speed.



LENGHT
(mm)

500

1000

1500

2000

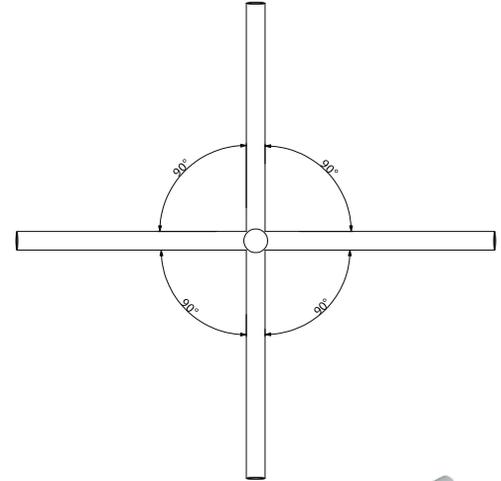
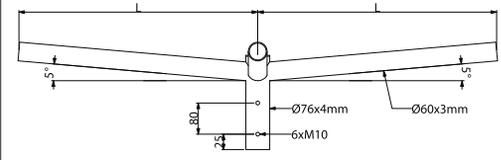
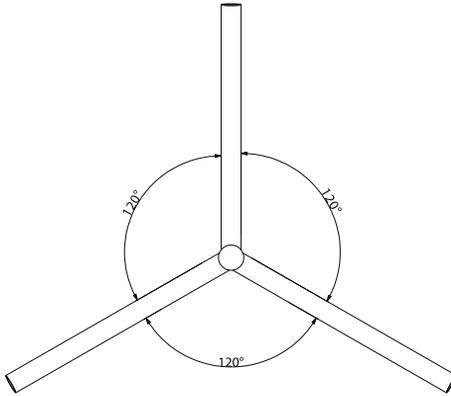
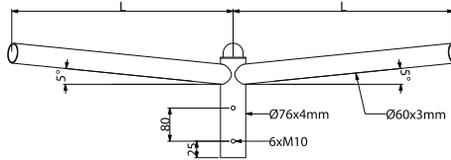
2500



STANDARD TYPE TRIPLE AND QUAD CONSOLE

TECHNICAL DETAILS:

- It is produced with a circular cross-section.
- Galvanized or painted galvanized coating is available upon request.
- The length and number of consoles can be determined according to the lighting needs and lighting direction.
- If requested, designs can be made using Static Calculation methods according to wind speed.



LENGHT
(mm)

500

1000

1500

2000

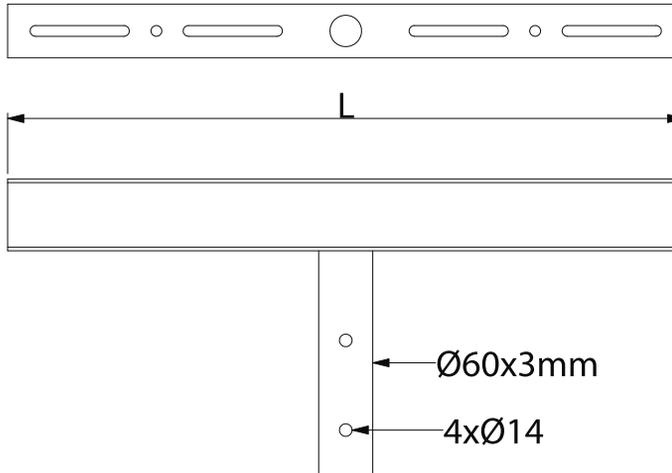
2500



STANDARD TYPE U TYPE SINGLE CONSOLE

TECHNICAL DETAILS:

- It is produced with a circular cross-section.
- Galvanized or painted galvanized coating is available upon request.
- The length and number of consoles can be determined according to the lighting needs and lighting direction.
- If requested, designs can be made using Static Calculation methods according to wind speed.



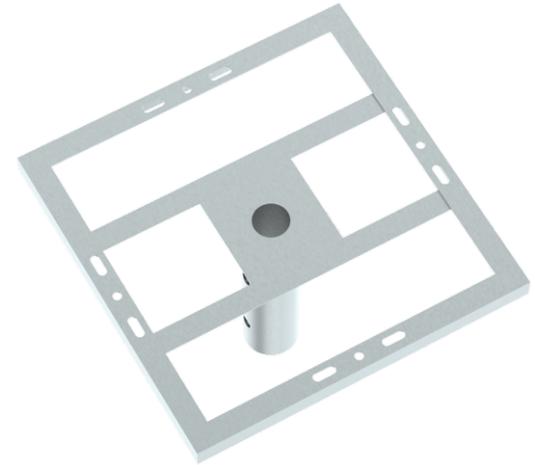
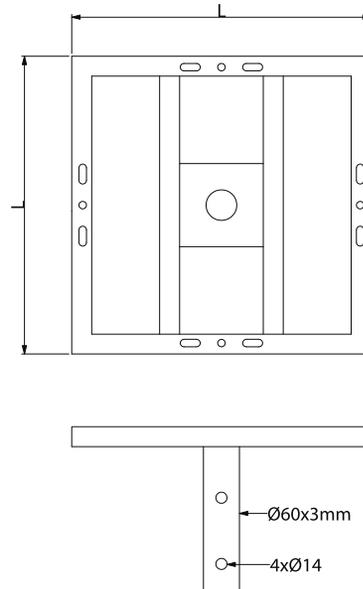
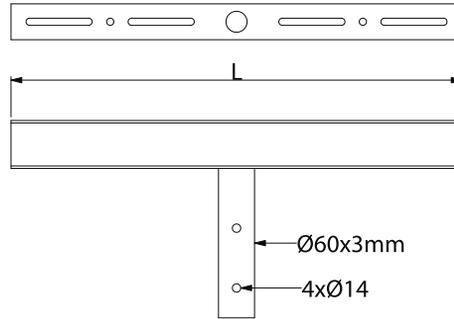
LENGTH (mm)
500
1000
1500
2000



STANDARD TYPE U TYPE SINGLE CONSOLE

TECHNICAL DETAILS:

- It is produced with a circular cross-section.
- Galvanized or painted galvanized coating is available upon request.
- The length and number of consoles can be determined according to the lighting needs and lighting direction.
- If requested, designs can be made using Static Calculation methods according to wind speed.



LENGHT
(mm)

500

1000

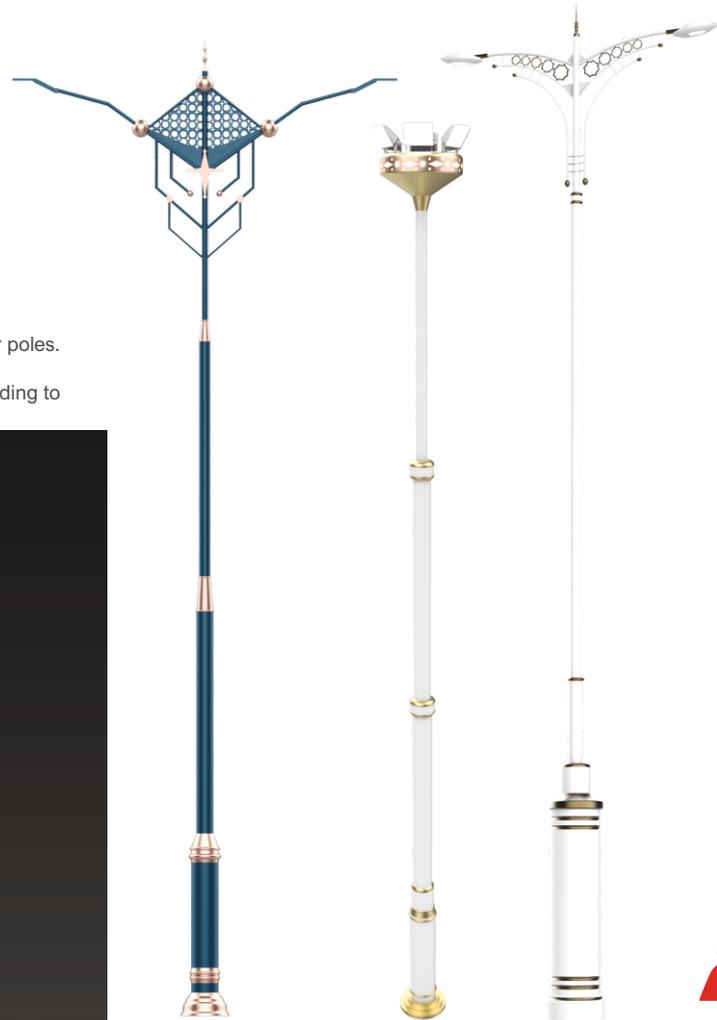
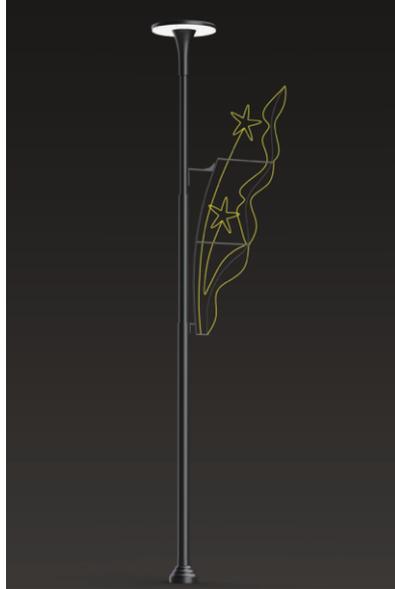
1500



DECORATIVE LIGHTING POLES

TECHNICAL DETAILS:

- It is manufactured with a box and circular cross-section in the dimensions requested by the customer.
- The poles can be made of aluminum or steel.
- Galvanized or painted galvanized coating is available upon request.
- The length and number of consoles can be determined according to the lighting needs and lighting direction.
- The base plate and anchors are used for foundation mounting on projector poles.
- If requested, designs can be made using Static Calculation methods according to wind speed.



SOLAR TYPE LIGHTING POLES

TECHNICAL DETAILS:

- It is manufactured with polygonal and circular cross-section in the dimensions requested by the customer.
- The poles can be made of aluminum or steel.
- Galvanized or painted galvanized coating is available upon request.
- The number of solar panels and brackets can be determined according to lighting needs and lighting direction.
- The base plate and anchors are used for foundation mounting on projector poles.
- If requested, designs can be made using Static Calculation methods according to wind speed.



CAMERA POLES

TECHNICAL DETAILS:

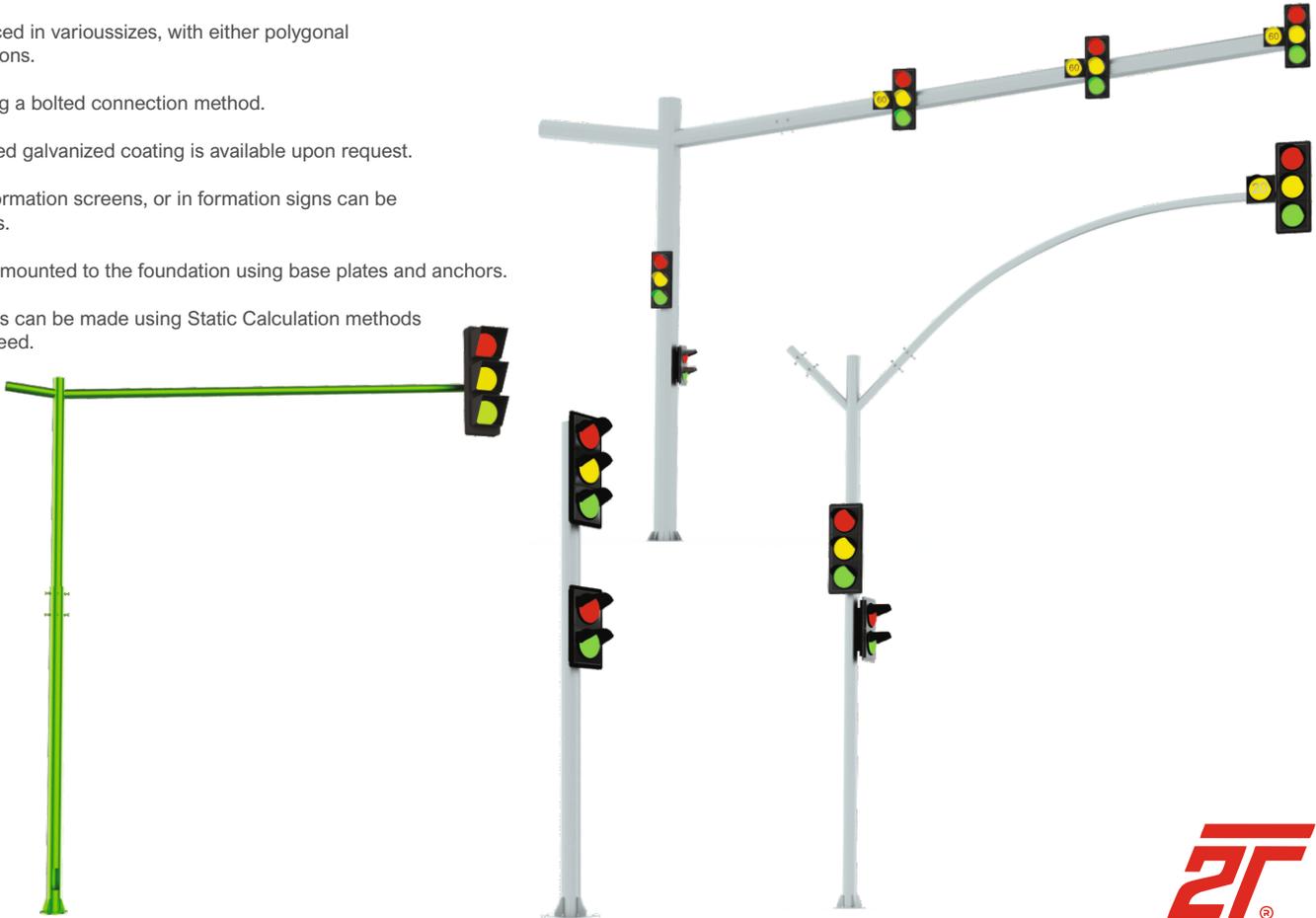
- It is manufactured with polygonal or circular cross-sections, in the dimensions requested by the customer.
- Upto 12 meters in a single piece, over 12 meters in two or more pieces.
- They are produced in this form and assembled using a tight-fitting method.
- Galvanized or painted galvanized coating is available upon request.
- Camera poles are mounted to the foundation using base plates and anchors.
- Depending on the number of cameras and the viewing direction, there is a camera mounting bracket on top.
- Upon request, custom designs can be made using the Static Calculation method based on wind speed for the peak oscillation ratio.



SIGNALING POLES

TECHNICAL DETAILS:

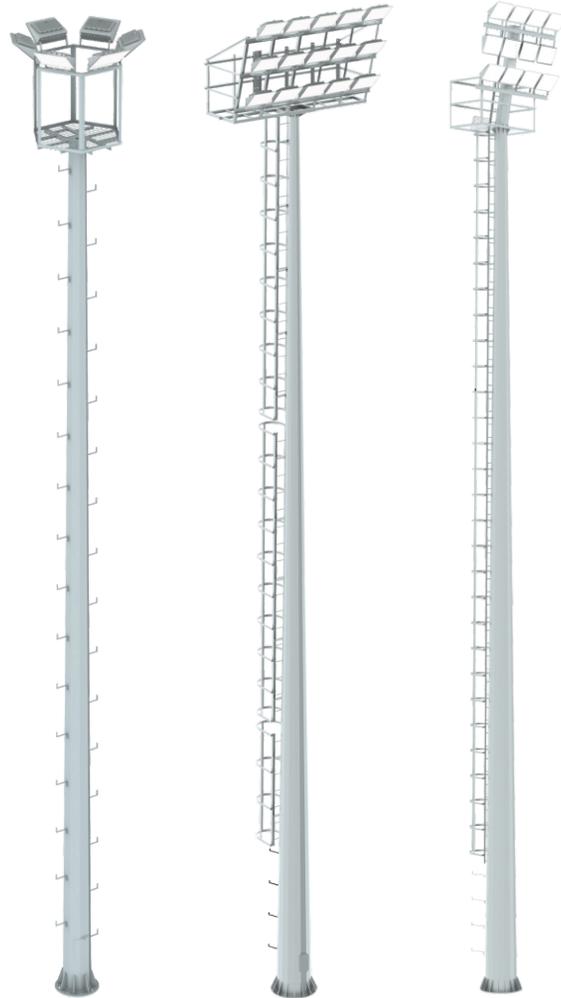
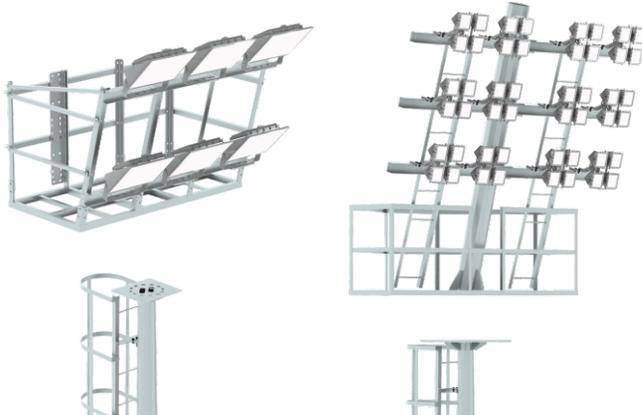
- They can be produced in various sizes, with either polygonal or circular cross-sections.
- It is assembled using a bolted connection method.
- Galvanized or painted galvanized coating is available upon request.
- Signaling lights, information screens, or information signs can be mounted on the poles.
- Signaling poles are mounted to the foundation using base plates and anchors.
- If requested, designs can be made using Static Calculation methods according to wind speed.



PLATFORM-MOUNTED FLOODLIGHT POLES

TECHNICAL DETAILS:

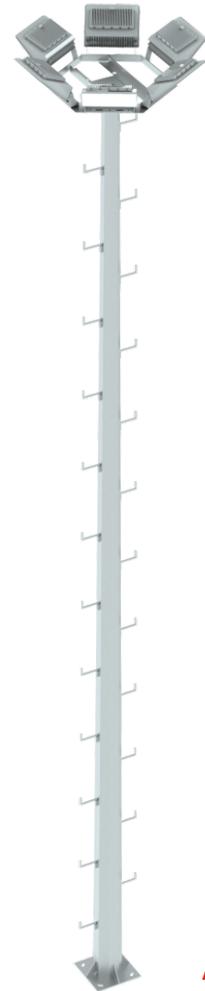
- It is manufactured with a polygonal cross-section in the dimensions requested by the customer.
- Upto 12 meters are produced as a single piece, while lengths over 12 meters are produced in two or more pieces and assembled using a tight-fitting method.
- Galvanized or painted galvanized coating is available upon request.
- Platform assembly is done according to lighting requirements and lighting direction.
- Platform dimensions and shapes are determined according to lighting requirements.
- Ladders are mounted on the pole body to access and operate the projectors.
- The base plate and anchors are used for foundation mounting on projector poles.
- If requested, designs can be made using Static Calculation methods according to wind speed.



CROSS MEMBER FLOOD LIGHT POLES

TECHNICAL DETAILS:

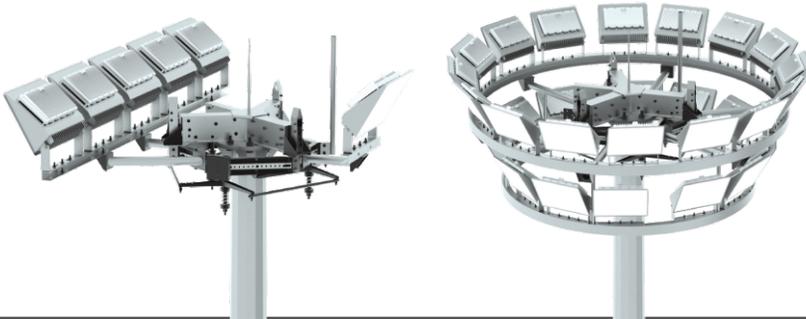
- It is manufactured with a polygonal cross-section in the dimensions requested by the customer.
- Upto 12 meters are produced as a single piece, while lengths over 12 meters are produced in two or more pieces and assembled using a tight-fitting method.
- Galvanized or painted galvanized coating is available upon request.
- Crossbar installation carried out according to lighting requirements and lighting direction.
- Traverse dimensions and shapes are determine end according to lighting requirements.
- Ladders are mounted on the pole body to access and operate the projectors.
- The base plate and anchors are used for foundation mounting on projector poles.
- If requested, designs can be made using Static Calculation methods according to wind speed.



ELECTRICALLY MOUNTED FLOODLIGHT POLES

TECHNICAL DETAILS:

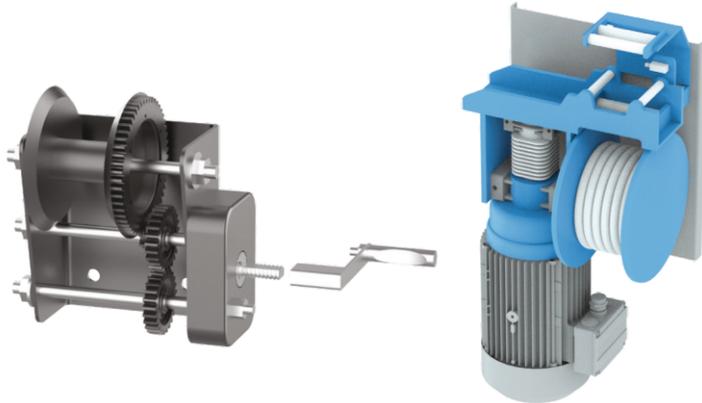
- Elevator-type floodlight masts, are manufactured with polygonal cross-sections for heights of 12 meters and above.
- Lengths up to 12 meters are produced in a single piece, while lengths longer than 12 meters are produced in two or more pieces and joined using a tight assembly method.
- Galvanized or painted galvanized coating is available upon request.
- Platform mounting is done according to lighting requirements and lighting direction.
- Platform dimensions and shapes are determined according to lighting requirements.
- Floodlight masts are mounted to the foundation using base plates and anchors.
- Motor system, upper system, control panel and monitor panel are delivered with the masts. The selection of the motor system, upper system, control panel and monitor panel depends on the number of floodlights to be used in elevator floodlight masts, the lighting direction and the upper system designed accordingly.
- If requested, designs can be made using Static Calculation methods according to wind speed.



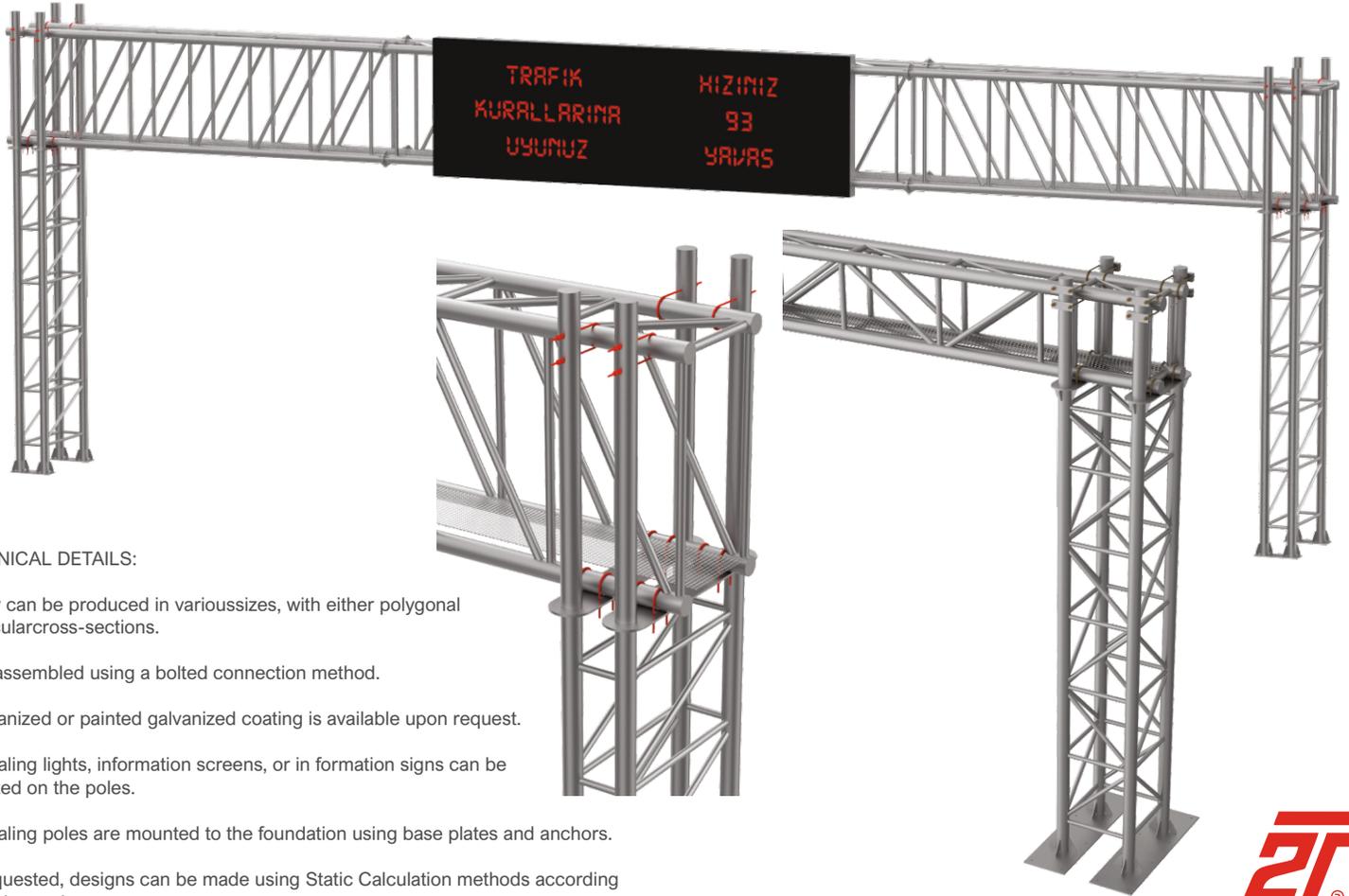
FLAGPOLES

TECHNICAL DETAILS:

- It is manufactured with polygonal or circular cross-sections in the dimensions requested by the customer.
- Upto 12 meters are produced as a single piece, while lengths over 12 meters are produced in two or more pieces and assembled using a tight-fitting method.
- Galvanized or painted galvanized coating is available upon request.
- There are multiple options for flagpoles depending on the flag size, pole height, flag attachment method, and flag raising/lowering method to be used.
- This option, which can be found in multiple locations on flagpoles;
 - With an endless rotating system,
 - Elevator System,
 - External and internal pull cord manual mechanism,
 - Stainless Type,
- Flagpoles are mounted on a foundation using a base plate and anchors.
- If requested, designs can be made using Static Calculation methods according to wind speed.



SIGNALING POLES



TECHNICAL DETAILS:

- They can be produced in various sizes, with either polygonal or circular cross-sections.
- It is assembled using a bolted connection method.
- Galvanized or painted galvanized coating is available upon request.
- Signaling lights, information screens, or information signs can be mounted on the poles.
- Signaling poles are mounted to the foundation using base plates and anchors.
- If requested, designs can be made using Static Calculation methods according to wind speed.

GSM POLES

TECHNICAL DETAILS:

- It is manufactured with a polygonal cross-section in the dimensions requested by the customer.
- Upto 12 meters are produced as a single piece, while lengths over 12 meters are produced in two or more pieces and assembled using either a tight-fitting or flanged method.
- Galvanized or painted galvanized coating is available upon request.
- The signaling devices to be mounted on the pole are installed according to the direction of the signal.
- Signaling devices can be designed as either closed or open systems, depending on their type.
- GSM poles are mounted to the foundation using base plates and anchors.
- A ladder is mounted on the pole body to access and operate the equipment.
- If requested, designs can be made using Static Calculation methods according to wind speed.







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