TF 300E NT Series

Non-turnable middle-range mast lighting systems

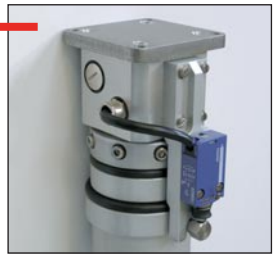
Teklite TF 300E NT lighting system with non-turnable air-operated telescopic mast, keyed mast sections, internal spiral cable and lamps either 12/24 volt powered by the vehicle battery or 110/230 volt generator powered.

The Teklite TF 300E NT serie of mast lighting systems are especially designed for 360° all-round lighting applications.
Ideal for fitting to medium size fire vehicles Teklite TF 300E NT series combines high quality lighting performance with reasonable costs.

Mast specifications

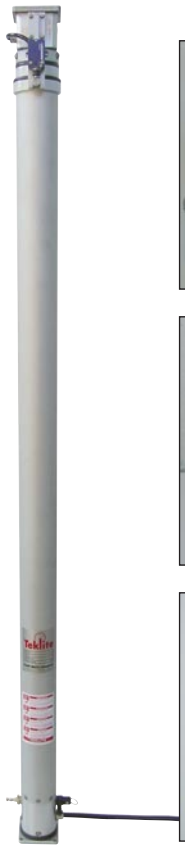
Technical details

1. Mast top assembly with 1 x PG9, 1 x PG11, 1 x PG13,5 cable gland and 8 mm top flange fitted to keyed mast sections



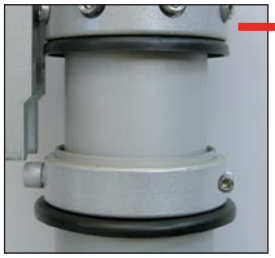
2. Standard natural clear anodised seamless drawn aluminium mast sections with 80 mm base tube

3. Fixed cardan mast base with air connection and overpressure/drain valve



4. Standard pre-mounted and connected warning switch

5. Rubber protection rings, shock-absorbing



6. Power supply cable (5 metres) with numbered wires for lamp/beacon connection

TF 300E NT Series mast models (Class II approved)

Model	Cat. No.	Retracted height	Extended height	Internal cable	Weight of mast
3 SECTION MASTS					
TF 326E NT/3	25480	1225 mm	2630 mm	9 x 1.5 + 4 x 0.75 mm²	10,5 kg
TF 335E NT/3	25481	1575 mm	3530 mm	9 x 1.5 + 4 x 0.75 mm²	11,5 kg
TF 340E NT/3	25482	1730 mm	3930 mm	9 x 1.5 + 4 x 0.75 mm²	12,0 kg
TF 350E NT/3	25483	2105 mm	4900 mm	9 x 1.5 + 4 x 0.75 mm²	14,5 kg
4 SECTION MASTS					
TF 335E NT/4	25631	1370 mm	3470 mm	9 x 1.5 + 4 x 0.75 mm²	11,3 kg
TF 340E NT/4	25632	1495 mm	3970 mm	9 x 1.5 + 4 x 0.75 mm²	11,8 kg
TF 350E NT/4	25633	1785 mm	4950 mm	9 x 1.5 + 4 x 0.75 mm²	14,6 kg
TF 355E NT/4	25634	1910 mm	5450 mm	9 x 1.5 + 4 x 0.75 mm²	15,5 kg

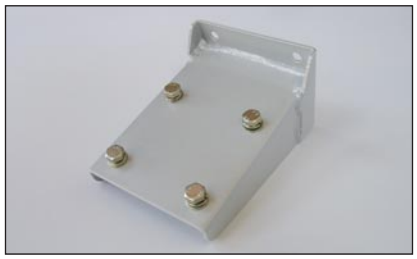
Mast mounting

These mast fittings are available for mounting the mast inside or outside the body of the vehicle.

External mounting

Upper Mounting Bracket

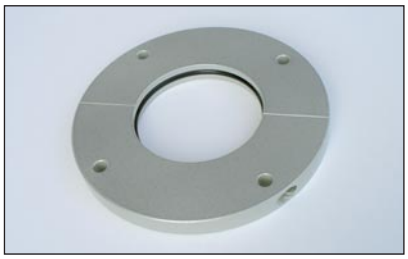
Cat. No. 16681/SG



Lower Mounting Bracket

Cat. No. 16686/SG

Internal mounting



Roof Bearing

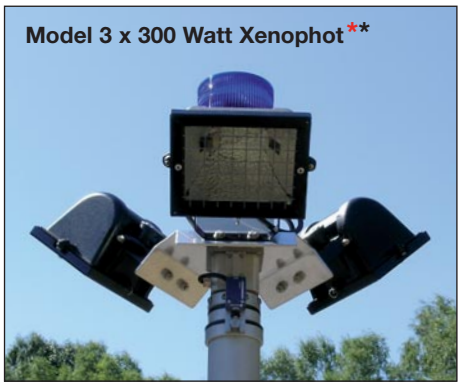
Cat. No. 27622/SG

Lamp choice

* Lamp unit available with beacon & bracket (option). Put a “B” after the **lamp unit cat. no.** for ordering purposes.
* Lamp unit available with lamp protection guard (option). Put a “P” after the **lamp unit cat. no.** for ordering purposes.

All-round lamp unit, 3 lamps mounted above plate *

Cat. No.	Model	Volt	Ampere	Lumens
26890	3 x 70 Watt HP Sodium*	12	18,8	19.500
26895	3 x 70 Watt HP Sodium*	24	10,5	19.500
26900	3 x 70 Watt Metal Halide*	12	19,5	15.000
26905	3 x 70 Watt Metal Halide*	24	11,1	15.000
26910	3 x 35 Watt Xenon	12	8,8	10.500
26915	3 x 35 Watt Xenon	24	4,4	10.500
26925	3 x 100 Watt Xenophot*	12	25,0	10.800
26940	3 x 150 Watt Xenophot*	24	18,8	18.000
26930	3 x 200 Watt Xenophot*	12	50,0	21.600
26945	3 x 300 Watt Xenophot*	24	37,5	36.000
26950	3 x 500 Watt Halogen*	230	6,5	28.500
35741	3 x 55 Watt SMD-LED*	12	15,9	16.500
35746	3 x 55 Watt SMD-LED*	24	7,2	16.500


Model 3 x 300 Watt Xenophot**

All-round lamp unit, 3 lamps mounted below plate *

Cat. No.	Model	Volt	Ampere	Lumens
26980	3 x 70 Watt HP Sodium*	12	18,8	19.500
26985	3 x 70 Watt HP Sodium*	24	10,5	19.500
26990	3 x 70 Watt Metal Halide*	12	19,5	15.000
26995	3 x 70 Watt Metal Halide*	24	11,1	15.000
27000	3 x 35 Watt Xenon	12	8,8	10.500
27005	3 x 35 Watt Xenon	24	4,4	10.500
27015	3 x 100 Watt Xenophot*	12	25,0	10.800
27030	3 x 150 Watt Xenophot*	24	18,8	18.000
27020	3 x 200 Watt Xenophot*	12	50,0	21.600
27035	3 x 300 Watt Xenophot*	24	37,5	36.000
27040	3 x 500 Watt Halogen*	230	6,5	28.500
35751	3 x 55 Watt SMD-LED*	12	15,9	16.500
35756	3 x 55 Watt SMD-LED*	24	7,2	16.500

Model 3 x 35 Watt Xenon*

All-round lamp unit, 4 lamps mounted above plate *

Cat. No.	Model	Volt	Ampere	Lumens
27070	4 x 70 Watt HP Sodium*	12	25,0	26.000
27075	4 x 70 Watt HP Sodium*	24	14,0	26.000
27080	4 x 70 Watt Metal Halide*	12	26,0	20.000
27085	4 x 70 Watt Metal Halide*	24	14,8	20.000
27090	2 x 70 Watt HPS + 2 x 70 Watt MH*	12	25,6	23.000
27095	2 x 70 Watt HPS + 2 x 70 Watt MH*	24	14,4	23.000
27100	4 x 35 Watt Xenon + Power Converter	12	11,7	14.000
27105	4 x 35 Watt Xenon	24	5,9	14.000
27115	4 x 100 Watt Xenophot*	12	33,4	14.400
27125	4 x 150 Watt Xenophot*	24	25,0	24.000
27130	4 x 300 Watt Xenophot*	24	50,0	48.000
27135	4 x 500 Watt Halogen*	230	8,7	38.000
35761	4 x 55 Watt SMD-LED*	12	21,2	22.000
35766	4 x 55 Watt SMD-LED*	24	9,6	22.000

Model 4 x 500 Watt Halogen**

All-round lamp unit, 4 lamps mounted below plate *

Cat. No.	Model	Volt	Ampere	Lumens
27170	4 x 70 Watt HP Sodium*	12	25,0	26.000
27175	4 x 70 Watt HP Sodium*	24	14,0	26.000
27180	4 x 70 Watt Metal Halide*	12	26,0	20.000
27185	4 x 70 Watt Metal Halide*	24	14,8	20.000
27190	2 x 70 Watt HPS + 2 x 70 Watt MH*	12	25,6	23.000
27195	2 x 70 Watt HPS + 2 x 70 Watt MH*	24	14,4	23.000
27200	4 x 35 Watt Xenon + Power Converter	12	11,7	14.000
27205	4 x 35 Watt Xenon	24	5,9	14.000
27215	4 x 100 Watt Xenophot*	12	33,4	14.400
27225	4 x 150 Watt Xenophot*	24	25,0	24.000
27230	4 x 300 Watt Xenophot*	24	50,0	48.000
27235	4 x 500 Watt Halogen*	230	8,7	38.000
35771	4 x 55 Watt SMD-LED*	12	21,2	22.000
35776	4 x 55 Watt SMD-LED*	24	9,6	22.000

Model 4 x 70 Watt HP Sodium*

Air supply for mast extension

The air pressure for mast extension may be provided by a battery powered compressor or from the vehicle air pressure system.

Using the vehicle battery power

"TekAir" Compressor Model 40/50

IMPORTANT NOTE :
All our compressors are supplied with a NO (normal open) valve. They need permanent current during operation of the mast lighting system. However, when there are applications where there is no permanent current available (e.g. mast fitted to a standalone container), apply for a compressor with a NC valve.

Models with NO Valve

"TekAir" Compressor Model 40/50, 12 volt	Cat. No. 33640
"TekAir" Compressor Model 40/50, 24 volt	Cat. No. 33642

Models with NO Valve and Deadman Function

"TekAir" Compressor Model 40/50, 12 volt	Cat. No. 33641
"TekAir" Compressor Model 40/50, 24 volt	Cat. No. 33643

Remote Control for "TekAir" Compressor Model 40/50

The complete remote control set is delivered with 5 metre cable and connection plug.

Models

Model 12 volt	Cat. No. 25798
Model 24 volt	Cat. No. 25799

Models with Deadman Function

Model 12 volt	Cat. No. 25220
Model 24 volt	Cat. No. 25221

Using the vehicle air pressure system

Air Pressure Control Unit

Combined unit consisting of manometer, pressure regulator and control handle.

Models

AP Control Unit	Cat. No. 25218
AP Control Unit with Deadman Function	Cat. No. 25219

Teklite™

All details given in this publication are approximate and may be subject to change without notice.

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