



TF 400E NT Series

*Non-turnable
heavy-duty
mast lighting
systems*

Teklite TF 400E 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 400E NT mast series is especially designed for 360° all-round lighting and is also perfectly suited for various antenna and camera applications. Ideal for fitting to medium size or heavy vehicles.



MOBILE LIGHTING SYSTEMS

Mast specifications

Technical details

1 Mast top assembly with 4 x PG13,5 cable gland fitted to keyed mast sections

2 Standard natural clear anodised seamless drawn aluminium mast sections with $\varnothing 4\frac{1}{2}$ " (114,3 mm) base tube

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

4 Standard pre-mounted and connected warning switch

5 Mast top shroud to protect the keyed mast sections

6 Power supply cable (5 metres) with numbered wires for lamp/beacon connection
Internal cable : $9 \times 1.5 + 4 \times 0.75\text{mm}^2$

TF 400E NT Series mast models (Class II approved)

Model	Cat. No.	Retracted height	Extended height	Max. headload (120 km/h) Weight / Wind surface	Weight of mast
4 SECTION MASTS*					
TF 428E NT/4	50212	1155 mm	2795 mm	55 kg / 1,00 m ²	18,0 kg
TF 432E NT/4	25830	1230 mm	3140 mm	55 kg / 1,00 m ²	18,7 kg
TF 440E NT/4	25831	1480 mm	4050 mm	55 kg / 0,80 m ²	21,2 kg
TF 445E NT/4	25832	1660 mm	4700 mm	55 kg / 0,70 m ²	23,2 kg
TF 453E NT/4	25833	1830 mm	5395 mm	55 kg / 0,60 m ²	25,8 kg
TF 460E NT/4	25834	2030 mm	6000 mm	55 kg / 0,50 m ²	27,8 kg
5 SECTION MASTS					
TF 432E NT/5	25768	1025 mm	3100 mm	40 kg / 1,00 m ²	18,2 kg
TF 440E NT/5	25769	1275 mm	4000 mm	40 kg / 0,80 m ²	20,9 kg
TF 445E NT/5	25770	1445 mm	4600 mm	40 kg / 0,70 m ²	22,8 kg
TF 450E NT/5	25777	1500 mm	5000 mm	40 kg / 0,60 m ²	23,9 kg
TF 453E NT/5	25771	1670 mm	5300 mm	40 kg / 0,50 m ²	24,5 kg
TF 458E NT/5	25773	1750 mm	5800 mm	40 kg / 0,45 m ²	27,0 kg
TF 460E NT/5	25772	1820 mm	5950 mm	40 kg / 0,40 m ²	27,4 kg
TF 467E NT/5	25775	1930 mm	6700 mm	40 kg / 0,40 m ²	29,2 kg
TF 470E NT/5	25774	2000 mm	7025 mm	40 kg / 0,40 m ²	30,2 kg

* All 4 section masts can be equipped with a data cable (Cat 5E/micro coax), suitable for video & audio applications.

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. 50329-SG



Lower Mounting Bracket

Cat. No. 50554

Internal mounting



Roof Bearing

Cat. No. 27624-SG

Lamp choice

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

Cat. No.	Model	Voltage	Lumen	Weight	Wind surface
26953	3 x 750 Watt Halogen*	230V AC	50.625	10,3 kg	0,16 m ²
26955	3 x 1000 Watt Halogen*	230V AC	66.000	10,3 kg	0,16 m ²
26960	3 x 1500 Watt Halogen*	230V AC	99.000	12,0 kg	0,16 m ²
52974	3 x 100 Watt LED	24V DC	63.000	11,9 kg	0,11 m ²
52692	3 x 100 Watt LED	110-230V AC	63.000	15,2 kg	0,11 m ²

Model 3 x 1000 Watt Halogen**
(26955)



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

Cat. No.	Model	Voltage	Lumen	Weight	Wind surface
27043	3 x 750 Watt Halogen*	230V AC	50.625	13,2 kg	0,19 m ²
27045	3 x 1000 Watt Halogen*	230V AC	66.000	13,2 kg	0,19 m ²
27050	3 x 1500 Watt Halogen*	230V AC	99.000	14,9 kg	0,19 m ²
52658-4	3 x 100 Watt LED	24V DC	63.000	13,9 kg	0,12 m ²
52659-4	3 x 100 Watt LED	110-230V AC	63.000	17,0 kg	0,12 m ²
52988-4	3 x 300 Watt LED	110-230V AC	135.000	24,3 kg	0,15 m ²

Model 3 x 100 Watt LED* (52659-4)



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

Cat. No.	Model	Voltage	Lumen	Weight	Wind surface
27138	4 x 750 Watt Halogen*	230V AC	67.500	13,3 kg	0,13 m ²
27140-3	4 x 1000 Watt Halogen*	230V AC	88.000	13,3 kg	0,13 m ²
27145	4 x 1500 Watt Halogen*	230V AC	132.000	16,2 kg	0,17 m ²

Model 4 x 1500 Watt Halogen**
(27145)



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

Cat. No.	Model	Voltage	Lumen	Weight	Wind surface
27238	4 x 750 Watt Halogen*	230V AC	67.500	21,3 kg	0,17 m ²
27240	4 x 1000 Watt Halogen*	230V AC	88.000	21,3 kg	0,17 m ²
27245	4 x 1500 Watt Halogen*	230V AC	132.000	23,7 kg	0,19 m ²
52195	4 x 100 Watt LED	24V DC	84.000	17,8 kg	0,11 m ²
52359	4 x 100 Watt LED	110-230V AC	84.000	22,0 kg	0,11 m ²
52989	4 x 300 Watt LED	110-230V AC	180.000	31,7 kg	0,15 m ²

Model 4 x 300 Watt LED* (52989)



All-round lamp unit, 6 lamps mounted above plate

Cat. No.	Model	Voltage	Lumen	Weight	Wind surface
52652	6 x 100 Watt LED	24V DC	126.000	24,3 kg	0,12 m ²
52973	6 x 100 Watt LED	110-230V AC	126.000	34,2 kg	0,12 m ²

Model 6 x 100 Watt LED (52652)



All-round lamp unit, 6 lamps mounted below plate *

Cat. No.	Model	Voltage	Lumen	Weight	Wind surface
52976	6 x 100 Watt LED	24V DC	126.000	27,6 kg	0,16 m ²
52977	6 x 100 Watt LED	110-230V AC	126.000	33,9 kg	0,16 m ²

Other lamp units available on request.

* 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. Also available in 110V AC version.

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.



Remote Control for “TekAir” Compressor Model 40/50

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

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

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

Note : For more air supply options see the TekAir leaflet.



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

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