



TF 200E T Series

Turnable light-weight mast lighting systems



Teklite TF 200E T lighting system with 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 200E T series of mast lighting systems are especially designed for directional lighting applications. Ideal for fitting to small fire vehicles.



MOBILE LIGHTING SYSTEMS

Mast specifications

Technical details



1 Mast top assembly with 2 x PG11 & 1 x PG9 cable gland and 8 mm top flange fitted to keyed mast sections

2 Standard natural clear anodised seamless drawn aluminium mast sections with 64 mm base tube and swivel rotation handle

3 360° turnable mast base with air connection, overpressure / drain valve and rotation brake

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
Internal cable : 3 x 1.5 + 4 x 0.75mm²

TF 200E T Series mast models (Class II approved)

Model	Cat. No.	Retracted height	Extended height	Max. headload (120 km/h) Weight / Wind surface	Weight of mast
3 SECTION MASTS					
TF 228E T/3	25569	1320 mm	2890 mm	20 kg / 0,20 m ²	8,0 kg
TF 232E T/3	25570	1450 mm	3230 mm	20 kg / 0,20 m ²	8,5 kg
TF 235E T/3	25571	1650 mm	3590 mm	20 kg / 0,15 m ²	9,2 kg
TF 245E T/3	25572	1970 mm	4470 mm	20 kg / 0,10 m ²	10,5 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. 25851-SG



Lower Mounting Bracket

Cat. No. 16634-SG

Internal mounting



Roof Bearing

Cat. No. 25801-SG

Lamp choice

Double lamp unit, 2 lamps mounted above the bar

Cat. No.	Model	Voltage	Lumen	Weight	Wind surface
26145	2 x 500 Watt Halogen**	230V AC	19.000	5,0 kg	0,08 m ²
52613	2 x 30 Watt LED*	12-24V DC	6.400	2,8 kg	0,05 m ²
52614	2 x 45 Watt LED*	12-24V DC	9.600	2,8 kg	0,05 m ²
26122	2 x 50 Watt LED*	12-24V DC	13.400	4,6 kg	0,05 m ²
51120	2 x 50 Watt LED One-sided	12-24V DC	13.400	5,0 kg	0,04 m ²
52345	2 x 50 Watt LED*	12-24V DC	17.000	5,3 kg	0,08 m ²
52615-3	2 x 50 Watt LED*	110-230V AC	17.000	6,8 kg	0,08 m ²
52673-3	2 x 100 Watt LED*	24V DC	25.000	5,5 kg	0,06 m ²

Model 2 x 50 Watt LED* (52345-B)



Double lamp unit, 2 lamps mounted below the bar*

Cat. No.	Model	Voltage	Lumen	Weight	Wind surface
26215	2 x 500 Watt Halogen*	230V AC	19.000	5,0 kg	0,08 m ²
52611	2 x 30 Watt LED	12-24V DC	6.400	2,8 kg	0,05 m ²
52612	2 x 45 Watt LED	12-24V DC	9.600	2,8 kg	0,05 m ²
26192	2 x 50 Watt LED	12-24V DC	13.400	4,6 kg	0,05 m ²
52028	2 x 50 Watt LED	12-24V DC	17.000	5,3 kg	0,08 m ²
52328	2 x 50 Watt LED	110-230V AC	17.000	6,8 kg	0,08 m ²
52674-3	2 x 100 Watt LED	24V DC	25.000	5,5 kg	0,06 m ²

Model 2 x 30 Watt LED* (52611-B)



Triple lamp unit, 1 lamp mounted above and 2 lamps below the bar

Cat. No.	Model	Voltage	Lumen	Weight	Wind surface
26285	3 x 500 Watt Halogen*	230V AC	28.500	6,4 kg	0,11 m ²
52616-3	3 x 50 Watt LED	24V DC	25.500	7,0 kg	0,11 m ²
52617-3	3 x 50 Watt LED	110-230V AC	25.500	9,1 kg	0,11 m ²

Model 3 x 50 Watt LED (52617-3)



Triple lamp unit, 3 lamps mounted above the bar

Cat. No.	Model	Voltage	Lumen	Weight	Wind surface
26350	3 x 500 Watt Halogen*	230V AC	28.500	6,6 kg	0,12 m ²
52618	3 x 30 Watt LED	12-24V DC	9.600	3,6 kg	0,06 m ²
52619	3 x 45 Watt LED	24V DC	14.400	3,6 kg	0,06 m ²
26316	3 x 50 Watt LED	24V DC	20.100	6,2 kg	0,06 m ²
52169	3 x 50 Watt LED	24V DC	25.500	7,2 kg	0,12 m ²
52620-3	3 x 50 Watt LED	110-230V AC	25.500	9,4 kg	0,12 m ²

Model 3 x 500 Watt Halogen* (26350)



Quadruple lamp unit, 2 lamps mounted above and 2 lamps below the bar*

Cat. No.	Model	Voltage	Lumen	Weight	Wind surface
52623-3	4 x 30 Watt LED	12-24V DC	12.800	3,7 kg	0,07 m ²
52624-3	4 x 45 Watt LED	24V DC	19.200	3,7 kg	0,07 m ²
26392	4 x 50 Watt LED	24V DC	26.800	7,3 kg	0,07 m ²

Model 4 x 45 Watt LED* (52624-3)



Quadruple lamp unit, 4 lamps mounted above the bar

Cat. No.	Model	Voltage	Lumen	Weight	Wind surface
52147	4 x 30 Watt LED*	12-24V DC	12.800	4,2 kg	0,08 m ²
52625-3	4 x 45 Watt LED*	24V DC	19.200	4,2 kg	0,08 m ²
52626-3	4 x 50 Watt LED*	24V DC	26.800	7,7 kg	0,08 m ²
51249	4 x 50 Watt LED One-sided	24V DC	26.800	7,5 kg	0,07 m ²

Model 4 x 50 Watt LED One-sided (51249)



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, the vehicle air pressure system or even a handpump.

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

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

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

Using a handpump



Handpump

Cat. No. 9256-SS



Pump Wall Mounting Bracket Set

Cat. No. 25591-SS

For mounting the handpump to the wall or vehicle body.

Air Hose 8mm (not shown)	Cat. No. B9189
Hose Clip (not shown)	Cat. No. B9190

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

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