



TF 200E NT Series

Non-turnable light-weight mast lighting systems

Teklite TF 200E 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 200E NT series of mast lighting systems are especially designed for 360° all-round lighting applications. Ideal for fitting to small fire vehicles.



MOBILE, PORTABLE & EMERGENCY LIGHTING

Mast specifications

Technical details



1 Mast top assembly with 1 x PG11 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

3 Fixed 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 200E NT Series mast models (Class II approved)

Model	Cat. No.	Retracted height	Extended height	Internal cable	Weight of mast
3 SECTION MASTS					
TF 228E NT/3	25452	1320 mm	2890 mm	3 x 1.5 + 4 x 0.75 mm ²	7,5 kg
TF 232E NT/3	25453	1450 mm	3230 mm	3 x 1.5 + 4 x 0.75 mm ²	8,0 kg
TF 235E NT/3	25454	1650 mm	3590 mm	3 x 1.5 + 4 x 0.75 mm ²	8,7 kg
TF 245E NT/3	25455	1970 mm	4470 mm	3 x 1.5 + 4 x 0.75 mm ²	10,0 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. 27621/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
26895	3 x 70 Watt HP Sodium*	24	10,5	19.500
26905	3 x 70 Watt Metal Halide*	24	11,1	15.000
26915	3 x 35 Watt Xenon	24	4,4	10.500
26920	3 x 50 Watt Xenophot*	12	12,5	4.800
26950	3 x 500 Watt Halogen*	230	6,5	28.500
35740	3 x 33 Watt SMD-LED*	12	9,9	9.900
35745	3 x 33 Watt SMD-LED*	24	4,2	9.900



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

Cat. No.	Model	Volt	Ampere	Lumens
26985	3 x 70 Watt HP Sodium*	24	10,5	19.500
26995	3 x 70 Watt Metal Halide*	24	11,1	15.000
27005	3 x 35 Watt Xenon	24	4,4	10.500
27010	3 x 50 Watt Xenophot*	12	12,5	4.800
27040	3 x 500 Watt Halogen*	230	6,5	28.500
35750	3 x 33 Watt SMD-LED*	12	9,9	9.900
35755	3 x 33 Watt SMD-LED*	24	4,2	9.900



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

Cat. No.	Model	Volt	Ampere	Lumens
27105	4 x 35 Watt Xenon	24	5,9	14.000
27110	4 x 50 Watt Xenophot*	12	16,7	6.400
27120	4 x 100 Watt Xenophot*	24	16,7	11.600
27135	4 x 500 Watt Halogen*	230	8,7	38.000
35760	4 x 33 Watt SMD-LED*	12	13,2	13.200
35765	4 x 33 Watt SMD-LED*	24	5,6	13.200



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

Cat. No.	Model	Volt	Ampere	Lumens
27205	4 x 35 Watt Xenon	24	5,9	14.000
27210	4 x 50 Watt Xenophot*	12	16,7	6.400
27220	4 x 100 Watt Xenophot*	24	16,7	11.600
27235	4 x 500 Watt Halogen*	230	8,7	38.000
35770	4 x 33 Watt SMD-LED*	12	13,2	13.200
35775	4 x 33 Watt SMD-LED*	24	5,6	13.200



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

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/SG



Twin Clamp Ø 2 1/2”

Cat. No. 25590/SG

For mounting the handpump to the mast.



Pump Wall Mounting Bracket Set

Cat. No. 25591/SG

For mounting the handpump to the wall or vehicle body.

Air Hose 8 mm (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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