



# 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.



**MOBIL, 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
<b>3 SECTION MASTS</b>					
<b>TF 228E NT/3</b>	25452	1320 mm	2890 mm	3 x 1.5 + 4 x 0.75 mm <sup>2</sup>	7,5 kg
<b>TF 232E NT/3</b>	25453	1450 mm	3230 mm	3 x 1.5 + 4 x 0.75 mm <sup>2</sup>	8,0 kg
<b>TF 235E NT/3</b>	25454	1650 mm	3590 mm	3 x 1.5 + 4 x 0.75 mm <sup>2</sup>	8,7 kg
<b>TF 245E NT/3</b>	25455	1970 mm	4470 mm	3 x 1.5 + 4 x 0.75 mm <sup>2</sup>	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	Amps	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 Xenarc	24	4,4	10.500
26920	3 x 50 Watt Xenon*	12	12,5	4.800
26935	3 x 120 Watt Xenon*	24	15,0	10.800
26950	3 x 500 Watt Halogen*	230	6,5	28.500
35740	3 x 30 Watt SMD-LED*	12	9,9	9.000
35745	3 x 30 Watt SMD-LED*	24	4,2	9.000



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

Cat. No.	Model	Volt	Amps	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 Xenarc	24	4,4	10.500
27010	3 x 50 Watt Xenon*	12	12,5	4.800
27025	3 x 120 Watt Xenon*	24	15,0	10.800
27040	3 x 500 Watt Halogen*	230	6,5	28.500
35750	3 x 30 Watt SMD-LED*	12	9,9	9.000
35755	3 x 30 Watt SMD-LED*	24	4,2	9.000



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

Cat. No.	Model	Volt	Amps	Lumens
27105	4 x 35 Watt Xenarc	24	5,9	14.000
27110	4 x 50 Watt Xenon*	12	16,7	6.400
27120	4 x 100 Watt Xenon*	24	16,7	11.600
27135	4 x 500 Watt Halogen*	230	8,7	38.000
35760	4 x 30 Watt SMD-LED*	12	13,2	12.000
35765	4 x 30 Watt SMD-LED*	24	5,6	12.000



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

Cat. No.	Model	Volt	Amps	Lumens
27205	4 x 35 Watt Xenarc	24	5,9	14.000
27210	4 x 50 Watt Xenon*	12	16,7	6.400
27220	4 x 100 Watt Xenon*	24	16,7	11.600
27235	4 x 500 Watt Halogen*	230	8,7	38.000
35770	4 x 30 Watt SMD-LED*	12	13,2	12.000
35775	4 x 30 Watt SMD-LED*	24	5,6	12.000



# 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



### 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

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

#### Models with NO Valve and Deadman Function

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



### Remote Control for Model 40/50 Compressor

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 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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