



# 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 |
|------------------------|----------|------------------|-----------------|------------------------------------|----------------|
| <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 | 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 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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