



# 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, 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 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

## TF 200E T 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 T/3</b>	25569	1320 mm	2890 mm	3 x 1.5 + 4 x 0.75 mm <sup>2</sup>	8,0 kg
<b>TF 232E T/3</b>	25570	1450 mm	3230 mm	3 x 1.5 + 4 x 0.75 mm <sup>2</sup>	8,5 kg
<b>TF 235E T/3</b>	25571	1650 mm	3590 mm	3 x 1.5 + 4 x 0.75 mm <sup>2</sup>	9,2 kg
<b>TF 245E T/3</b>	25572	1970 mm	4470 mm	3 x 1.5 + 4 x 0.75 mm <sup>2</sup>	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

\* 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.

## Single lamp unit

Cat. No.	Model	Volt	Amps	Lumens
26030	70 Watt HP Sodium*	12	6,3	6.500
26035	70 Watt HP Sodium*	24	3,5	6.500
26040	70 Watt HP Metal Halide*	12	6,5	5.000
26045	70 Watt HP Metal Halide*	24	3,7	5.000
26050	35 Watt Xenarc	12	3,0	3.500
26055	35 Watt Xenarc	24	1,5	3.500
26060	200 Watt Xenon*	12	16,6	7.200
26065	300 Watt Xenon*	24	12,5	12.000
26070	500 Watt Halogen*	230	2,2	9.500
26073	750 Watt Halogen*	230	3,3	16.500
26075	1000 Watt Halogen*	230	4,4	22.000
26080	1500 Watt Halogen*	230	6,5	36.000
35780	30 Watt SMD-LED*	12	3,3	3.000
35785	30 Watt SMD-LED*	24	1,4	3.000
35781	50 Watt SMD-LED*	12	5,3	5.000
35786	50 Watt SMD-LED*	24	2,4	5.000



## Double lamp unit, 2 lamps mounted above the bar\*

Cat. No.	Model	Volt	Amps	Lumens
26090	2 x 70 Watt HP Sodium*	24	7,0	13.000
26100	2 x 70 Watt Metal Halide*	24	7,4	10.000
26110	1 x 70 Watt HPS + 1 x 70 Watt MH*	24	7,2	11.500
26120	2 x 35 Watt Xenarc	24	3,0	7.000
26125	2 x 100 Watt Xenon*	12	16,7	7.200
26135	2 x 150 Watt Xenon*	24	12,5	12.000
26145	2 x 500 Watt Halogen*	230	4,4	19.000
35790	2 x 30 Watt SMD-LED*	12	6,6	6.000
35795	2 x 30 Watt SMD-LED*	24	2,8	6.000



## Double lamp unit, 2 lamps mounted below the bar\*

Cat. No.	Model	Volt	Amps	Lumens
26160	2 x 70 Watt HP Sodium*	24	7,0	13.000
26170	2 x 70 Watt Metal Halide*	24	7,4	10.000
26180	1 x 70 Watt HPS + 1 x 70 Watt MH*	24	7,2	11.500
26190	2 x 35 Watt Xenarc	24	3,0	7.000
26195	2 x 100 Watt Xenon*	12	16,7	7.200
26205	2 x 150 Watt Xenon*	24	12,5	12.000
26215	2 x 500 Watt Halogen*	230	4,4	19.000
35800	2 x 30 Watt SMD-LED*	12	6,6	6.000
35805	2 x 30 Watt SMD-LED*	24	2,8	6.000



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

Cat. No.	Model	Volt	Amps	Lumens
26230	3 x 70 Watt HP Sodium*	24	10,5	19.500
26240	3 x 70 Watt Metal Halide*	24	11,1	15.000
26250	3 x 35 Watt Xenarc	24	4,4	10.500
26255	3 x 50 Watt Xenon*	12	12,5	4.800
26270	3 x 120 Watt Xenon*	24	15,0	10.800
26285	3 x 500 Watt Halogen*	230	6,5	28.500
35810	3 x 30 Watt SMD-LED*	12	9,9	9.000
35815	3 x 30 Watt SMD-LED*	24	4,2	9.000



## Triple lamp unit, 3 lamps mounted above the bar

Cat. No.	Model	Volt	Amps	Lumens
26295	3 x 70 Watt HP Sodium*	24	10,5	19.500
26305	3 x 70 Watt Metal Halide*	24	11,1	15.000
26315	3 x 35 Watt Xenarc	24	4,4	10.500
26320	3 x 50 Watt Xenon*	12	12,5	4.800
26335	3 x 120 Watt Xenon*	24	15,0	10.800
26350	3 x 500 Watt Halogen*	230	6,5	28.500
35820	3 x 30 Watt SMD-LED*	12	9,9	9.000
35825	3 x 30 Watt SMD-LED*	24	4,2	9.000



# 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



### 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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