TF 300E T Series

Turnable middle-range mast lighting systems

Teklite TF 300E 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 300E T series of mast lighting systems are especially designed for directional lighting applications.
Ideal for fitting to medium size fire vehicles.
Teklite TF 300E T series combines high quality lighting performance with reasonable costs.

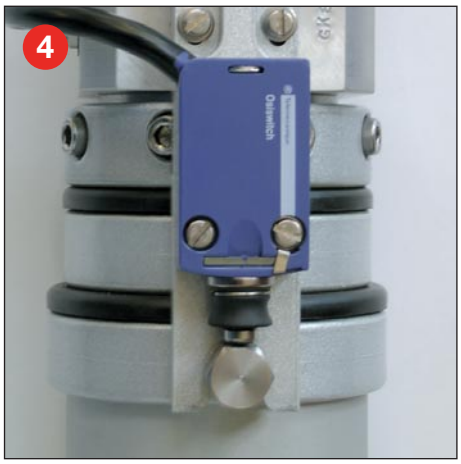
Mast specifications

Technical details

Mast top assembly with 1 x PG9, 1 x PG11, 1 x PG13,5 cable gland and 8 mm top flange fitted to keyed mast sections

Standard natural clear anodised seamless drawn aluminium mast sections with 80 mm base tube and swivel rotation handle

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



Standard pre-mounted and connected warning switch

Rubber protection rings, shock-absorbing

Power supply cable (5 metres) with numbered wires for lamp/beacon connection

TF 300E T Series mast models (Class II approved)

Model	Cat. No.	Retracted height	Extended height	Internal cable	Weight of mast
3 SECTION MASTS					
TF 326E T/3	25486	1225 mm	2630 mm	9 x 1.5 + 4 x 0.75 mm²	11,0 kg
TF 335E T/3	25487	1575 mm	3530 mm	9 x 1.5 + 4 x 0.75 mm²	12,0 kg
TF 340E T/3	25488	1730 mm	3930 mm	9 x 1.5 + 4 x 0.75 mm²	12,5 kg
TF 350E T/3	25489	2105 mm	4900 mm	9 x 1.5 + 4 x 0.75 mm²	15,0 kg
4 SECTION MASTS					
TF 335E T/4	25641	1370 mm	3470 mm	9 x 1.5 + 4 x 0.75 mm²	11,8 kg
TF 340E T/4	25642	1495 mm	3970 mm	9 x 1.5 + 4 x 0.75 mm²	12,3 kg
TF 347E T/4	25645	1670 mm	4750 mm	9 x 1.5 + 4 x 0.75 mm²	14,4 kg
TF 350E T/4	25643	1785 mm	4950 mm	9 x 1.5 + 4 x 0.75 mm²	15,1 kg
TF 355E T/4	25644	1910 mm	5450 mm	9 x 1.5 + 4 x 0.75 mm²	16,0 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. 16681/SG

Lower Mounting Bracket

Cat. No. 16686/SG

Internal mounting

Roof Bearing

Cat. No. 25803/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.

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

Cat. No.	Model	Volt	Ampere	Lumens
26085	2 x 70 Watt HP Sodium*	12	12,5	13.000
26090	2 x 70 Watt HP Sodium*	24	7,0	13.000
26095	2 x 70 Watt Metal Halide*	12	13,0	10.000
26100	2 x 70 Watt Metal Halide*	24	7,4	10.000
26105	1 x 70 Watt HP Sodium + 1 x 70 Watt Metal Halide*	12	12,8	11.500
26110	1 x 70 Watt HP Sodium + 1 x 70 Watt Metal Halide*	24	7,2	11.500
26115	2 x 35 Watt Xenon	12	5,9	7.000
26120	2 x 35 Watt Xenon	24	3,0	7.000
26125	2 x 100 Watt Xenophot*	12	16,7	7.200
26135	2 x 150 Watt Xenophot*	24	12,5	12.000
26130	2 x 200 Watt Xenophot*	12	33,4	14.400
26140	2 x 300 Watt Xenophot*	24	25,0	24.000
26145	2 x 500 Watt Halogen*	230	4,4	19.000
26148	2 x 750 Watt Halogen*	230	6,5	33.000
26150	2 x 1000 Watt Halogen*	230	8,7	44.000
35791	2 x 55 Watt SMD-LED*	12	10,6	11.000
35796	2 x 55 Watt SMD-LED*	24	4,8	11.000

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

Cat. No.	Model	Volt	Ampere	Lumens
26155	2 x 70 Watt HP Sodium*	12	12,5	13.000
26160	2 x 70 Watt HP Sodium*	24	7,0	13.000
26165	2 x 70 Watt Metal Halide*	12	13,0	10.000
26170	2 x 70 Watt Metal Halide*	24	7,4	10.000
26175	1 x 70 Watt HP Sodium + 1 x 70 Watt Metal Halide*	12	12,8	11.500
26180	1 x 70 Watt HP Sodium + 1 x 70 Watt Metal Halide*	24	7,2	11.500
26185	2 x 35 Watt Xenon	12	5,9	7.000
26190	2 x 35 Watt Xenon	24	3,0	7.000
26195	2 x 100 Watt Xenophot*	12	16,7	7.200
26205	2 x 150 Watt Xenophot*	24	12,5	12.000
26200	2 x 200 Watt Xenophot*	12	33,4	14.400
26210	2 x 300 Watt Xenophot*	24	25,0	24.000
26215	2 x 500 Watt Halogen*	230	4,4	19.000
26218	2 x 750 Watt Halogen*	230	6,5	33.000
26220	2 x 1000 Watt Halogen*	230	8,7	44.000
35801	2 x 55 Watt SMD-LED*	12	10,6	11.000
35806	2 x 55 Watt SMD-LED*	24	4,8	11.000

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

Cat. No.	Model	Volt	Ampere	Lumens
26225	3 x 70 Watt HP Sodium*	12	18,8	19.500
26230	3 x 70 Watt HP Sodium*	24	10,5	19.500
26235	3 x 70 Watt Metal Halide*	12	19,5	15.000
26240	3 x 70 Watt Metal Halide*	24	11,1	15.000
26245	3 x 35 Watt Xenon	12	8,8	10.500
26250	3 x 35 Watt Xenon	24	4,4	10.500
26260	3 x 100 Watt Xenophot*	12	25,0	10.800
26275	3 x 150 Watt Xenophot*	24	18,8	18.000
26265	3 x 200 Watt Xenophot*	12	50,0	21.600
26280	3 x 300 Watt Xenophot*	24	37,5	36.000
26285	3 x 500 Watt Halogen*	230	6,5	28.500
35811	3 x 55 Watt SMD-LED*	12	15,9	16.500
35816	3 x 55 Watt SMD-LED*	24	7,2	16.500

A lot of lamp unit combinations are possible, some of them are shown below.

Model 2 x 70 Watt HP Sodium*

Model 2 x 200 Watt Xenophot**

Model 2 x 150 Watt Xenophot**

Model 2 x 1000 Watt Halogen**

Model 3 x 500 Watt Halogen*

Model 3 x 35 Watt Xenon

* 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.

Triple lamp unit, 3 lamps mounted above the bar

Cat. No.	Model	Volt	Ampere	Lumens
26290	3 x 70 Watt HP Sodium*	12	18,8	19.500
26295	3 x 70 Watt HP Sodium*	24	10,5	19.500
26300	3 x 70 Watt Metal Halide*	12	19,5	15.000
26305	3 x 70 Watt Metal Halide*	24	11,1	15.000
26310	3 x 35 Watt Xenon	12	8,8	10.500
26315	3 x 35 Watt Xenon	24	4,4	10.500
26325	3 x 100 Watt Xenophot*	12	25,0	10.800
26340	3 x 150 Watt Xenophot*	24	18,8	18.000
26330	3 x 200 Watt Xenophot*	12	50,0	21.600
26345	3 x 300 Watt Xenophot*	24	37,5	36.000
26350	3 x 500 Watt Halogen*	230	6,5	28.500
35821	3 x 55 Watt SMD-LED*	12	15,9	16.500
35826	3 x 55 Watt SMD-LED*	24	7,2	16.500

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

Cat. No.	Model	Volt	Ampere	Lumens
26355	4 x 70 Watt HP Sodium*	12	25,0	26.000
26360	4 x 70 Watt HP Sodium*	24	14,0	26.000
26365	4 x 70 Watt Metal Halide*	12	26,0	20.000
26370	4 x 70 Watt Metal Halide*	24	14,8	20.000
26375	2 x 70 Watt HP Sodium + 2 x 70 Watt Metal Halide*	12	25,6	23.000
26380	2 x 70 Watt HP Sodium + 2 x 70 Watt Metal Halide*	24	14,4	23.000
26385	4 x 35 Watt Xenon + DC-DC Power Converter	12	11,7	14.000
26390	4 x 35 Watt Xenon	24	5,9	14.000
26395	4 x 100 Watt Xenophot*	12	33,4	14.400
26400	4 x 150 Watt Xenophot*	24	25,0	24.000
26405	4 x 300 Watt Xenophot*	24	50,0	48.000
26410	4 x 500 Watt Halogen*	230	8,7	38.000
35831	4 x 55 Watt SMD-LED*	12	21,2	22.000
35836	4 x 55 Watt SMD-LED*	24	9,6	22.000

Quintuple lamp unit, 3 lamps mounted above and 2 below the bar

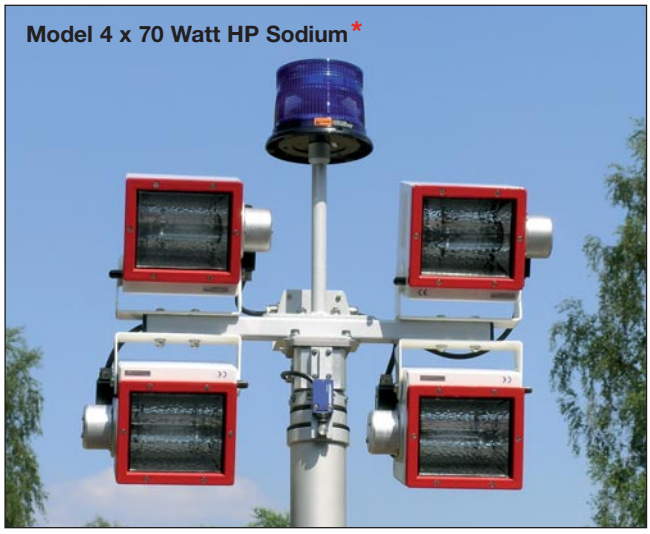
Cat. No.	Model	Volt	Ampere	Lumens
26415	5 x 35 Watt Xenon	24	7,3	17.500
26420	5 x 100 Watt Xenophot*	12	41,7	18.000
26425	5 x 150 Watt Xenophot*	24	31,3	30.000
26430	5 x 500 Watt Halogen*	230	10,8	47.500
35841	5 x 55 Watt SMD-LED*	12	26,5	27.500
35846	5 x 55 Watt SMD-LED*	24	12,0	27.500

A lot of lamp unit combinations are possible, some of them are shown below.

Model 3 x 500 Watt Halogen*

Model 3 x 35 Watt Xenon

Model 4 x 70 Watt HP Sodium*



Model 4 x 500 Watt Halogen**

Model 5 x 150 Watt Xenophot*

Model 5 x 35 Watt Xenon

Air supply for mast extension

The air pressure for mast extension may be provided by a battery powered compressor or from the vehicle air pressure system.

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 delivere 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

Teklite™

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

Distributor :

CLARK MASTS SYSTEMS LTD
18/20 Ringwood Road,
Binstead, Isle of Wight, PO33 3NX, England
Tel : +44 (0)1983 563691 - Fax : +44 (0)1983 566643
E-mail : sales@clarkmasts.com
Website : www.teklite.com

PP 1293/E NV-CMS MM 01/01/14

ISO 9001:2008 CE