



TF 100 Pneumatic SP-Series

Portable or mobile rigid mast lighting systems

The Teklite TF 100 masts series are the most economical pneumatically extended mast lighting systems of the whole Teklite range. The TF 100 SP-Series are rigid portable lighting sets which can be easily fitted to small service or fire vehicles. The TF 100 SP masts are the biggest and strongest masts of the TF 100 range.

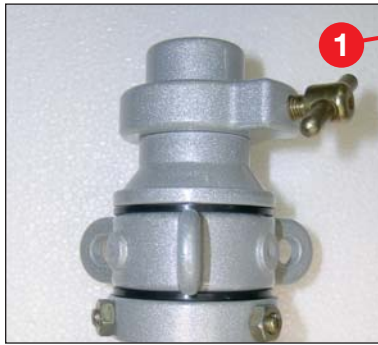


The Teklite TF 100 SP-Series mast lighting systems are especially designed for directional lighting applications.

MOBILE LIGHTING SYSTEMS

Mast specifications

Technical details



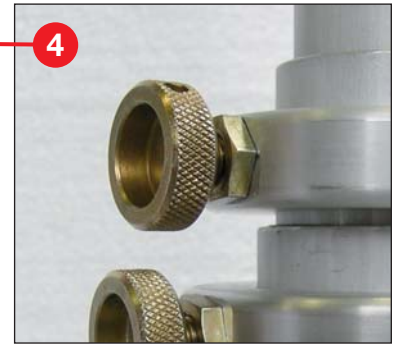
24 mm diameter quick clamp socket and rotating top guy collar



Lockable mast rotation collar, standard natural clear anodised seamless drawn aluminium mast sections with Ø 3" (76,2 mm) base tube



Bottom stud for quick and easy fitting onto a tripod



Clamp collars to adjust the height of the non-keyed mast sections



Handpump with top stud for quick and easy fitting onto a tripod



Air release screw

TF 100 SP-Series mast models

| Model | Cat. No. | Retracted height | Extended height | Max. Headload | Weight of mast |
|------------------------|----------|------------------|-----------------|---------------|----------------|
| 4 SECTION MASTS | | | | | |
| TF SP140 T/4 | 17400 | 1430 mm | 4030 mm | 20 kg | 8,6 kg |
| TF SP150 T/4 | 17404 | 1670 mm | 5000 mm | 20 kg | 9,4 kg |
| TF SP156 T/4 | 17401 | 1870 mm | 5630 mm | 20 kg | 10,2 kg |
| TF SP167 T/4 | 17402 | 2210 mm | 6700 mm | 20 kg | 11,4 kg |

Lamp choice



Directional lighting

Single lamp units

| Cat. No. | Model | Voltage | Lumen | Weight |
|----------|------------------------|-------------|--------|--------|
| 52356 | 1 x 50 Watt LED | 12-24V DC | 8.500 | 3,7 kg |
| 52370 | 1 x 50 Watt LED | 110-230V AC | 8.500 | 4,5 kg |
| 52392 | 1 x 100 Watt LED | 24V DC | 21.000 | 5,0 kg |
| 51866 | 1 x 100 Watt LED | 110-230V AC | 21.000 | 6,0 kg |
| 27759 | 1 x 750 Watt Halogen* | 230V AC | 16.875 | 4,8 kg |
| 27760 | 1 x 1000 Watt Halogen* | 230V AC | 22.000 | 4,8 kg |
| 27765 | 1 x 1500 Watt Halogen* | 230V AC | 33.000 | 5,4 kg |

Double lamp units

| Cat. No. | Model | Voltage | Lumen | Weight |
|----------|------------------------|-------------|--------|---------|
| 50698 | 2 x 50 Watt LED | 12-24V DC | 13.400 | 6,7 kg |
| 52007 | 2 x 50 Watt LED | 24V DC | 17.000 | 7,9 kg |
| 52393 | 2 x 50 Watt LED | 110-230V AC | 17.000 | 9,5 kg |
| 52399 | 2 x 100 Watt LED | 24V DC | 42.000 | 11,7 kg |
| 51867 | 2 x 100 Watt LED | 110-230V AC | 42.000 | 14,0 kg |
| 27820 | 2 x 500 Watt Halogen* | 230V AC | 19.000 | 7,3 kg |
| 27824 | 2 x 750 Watt Halogen* | 230V AC | 33.750 | 7,3 kg |
| 27825 | 2 x 1000 Watt Halogen* | 230V AC | 44.000 | 11,1 kg |
| 27830 | 2 x 1500 Watt Halogen* | 230V AC | 66.000 | 12,8 kg |



Omni-directional lighting

| Cat. No. | Model | Voltage | Lumen | Weight |
|----------|--------------------------------------|-------------|--------|--------|
| 50806 | 3 x 500 Watt Halogen* | 230V AC | 28.500 | 7,2 kg |
| 50847 | 3 x 500 Watt Halogen (spiral cable)* | 230V AC | 28.500 | 8,1 kg |
| 51659 | 4 x 30 Watt LED | 110-230V AC | 12.800 | 5,6 kg |

Other lamp units available on request.

All lamps can turn and tilt by means of clamp handles and are standard fitted with 8m cable on reel.

* Lamp unit standard fitted with lamp protection guard and also available in 110V AC version.

Plugs for lamps

Plugs recommended for 230 volt installation



Type CEE17
Colour : blue

Cat. No. B11861



Schuko type with extra earth pin
connection and rubber body

Cat. No. B11619

NOTE :

Other plugs and sockets are available on request. Please contact us for further information.

Mast mounting

Mast mounted on a vehicle

Brackets for permanent fixture



Wall Mounting Bracket

Cat. No. 9920-SG



Mounting Ring

Cat. No. 10354-SG

Bracket for temporary fixture



Saddle Clamp

Cat. No. 2433-SG

Guying Kit

Consisting of :

- 3 upper guys
- 3 pickets
- 1 hammer
- 1 equipment bag



Top Guy Kit

Cat. No. 29323-SG

Tripod Mounting Bracket

Cat. No. 36592

Can be fixed onto a wall, vehicle or shelter. The tripod is equipped with a locking block which enables the user to attach this tripod to the Tripod Mounting Bracket for compact vertical storage, **with or without the mast.**



Mast mounted on a tripod

| Models | Cat. No. | Length legs | Mast Type | Weight |
|---------------------|----------|-------------|---------------|---------|
| Tripod Mk VI 1000mm | 36586 | 1000 mm | SP140 & SP150 | 12,7 kg |
| Tripod Mk VI 1250mm | 36587 | 1250 mm | SP156 & SP167 | 14,0 kg |

Folded position

This very stable stand folds vertically and is easy to carry and store. All Mk VI Tripods can either be stored vertically or horizontally.



Finish tripod : stainless steel

Unfolded position

The feet can be adjusted according to the slope of the site.



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

Distributor :

TEKSAM COMPANY NV, Woudstraat 21, 3600 Genk, Belgium
 Tel : +32 (0)89 38 44 72 Fax : +32 (0)89 38 61 41 E-mail : info@teksamco.com Website : www.teklite.com

TEKLITE is a division of Teksam Company NV

ISO 9001 CE

MOBILE LIGHTING SYSTEMS