



Teklite™

MOBILE LIGHTING SYSTEMS



Contents



Powerful, autonomous, mast mounted, rolling lighting unit

1 ■ RLU-ibac

Powerful, autonomous, portable lighting unit

2 ■ PLU-HPS

3 ■ PLU-LED

TF 100 Portable or mobile lighting units with external linear cable

4 ■ TF 100 Manual H-Series

5 ■ TF 100 Pneumatic P-Series

6 ■ TF 100 Pneumatic SP-Series

TF 200 Light-weight mast lighting systems

7 ■ TF 200E NT Series (Non-Turnable)

8 ■ TF 200E T Series (Turnable)

TF 300 Middle range lighting systems

9 ■ TF 300E NT Series (Non-Turnable)

10 ■ TF 300E T Series (Turnable)

11 ■ TF 300E T Series with Tilt Unit (Turnable)

TF 300XE Middle range mast robot lighting systems

12 ■ TF 300XE "Basic Plus" Light Robot Series

13 ■ TF 300XE "Comfort" Light Robot Series

TF 400 Heavy-duty mast lighting systems

14 ■ TF 400E NT Series (Non-Turnable)

15 ■ TF 400E T Series (Turnable)

16 ■ TF 400E T Series with Tilt Unit (Turnable)

TF 400XE Heavy-duty mast robot lighting systems

17 ■ TF 400XE "Basic Plus" Light Robot Series

18 ■ TF 400XE "Comfort" Light Robot Series

TF 500E NT, E T, XE Series (More details are available on request)

TF 600E NT, E T, XE Series (More details are available on request)

Roof folding telescopic mast lighting system

19 ■ RFTM Series

Roof robot lighting systems

20 ■ RRTM-EL Roof Robot Series (Light-weight)

21 ■ RRTM-ES Roof Robot Series (Standard)

Flexilux for TF 400XE & RRTM-ES lighting systems

22 ■ Flexilux Robot Head

Teklite™

RLU-ibac

Powerful, autonomous mast mounted rolling lighting unit with intelligent battery analyser & charger

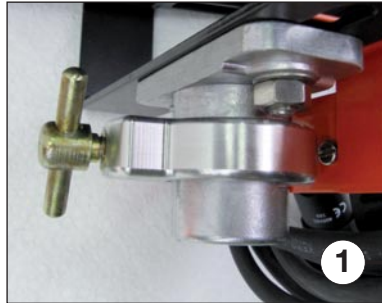
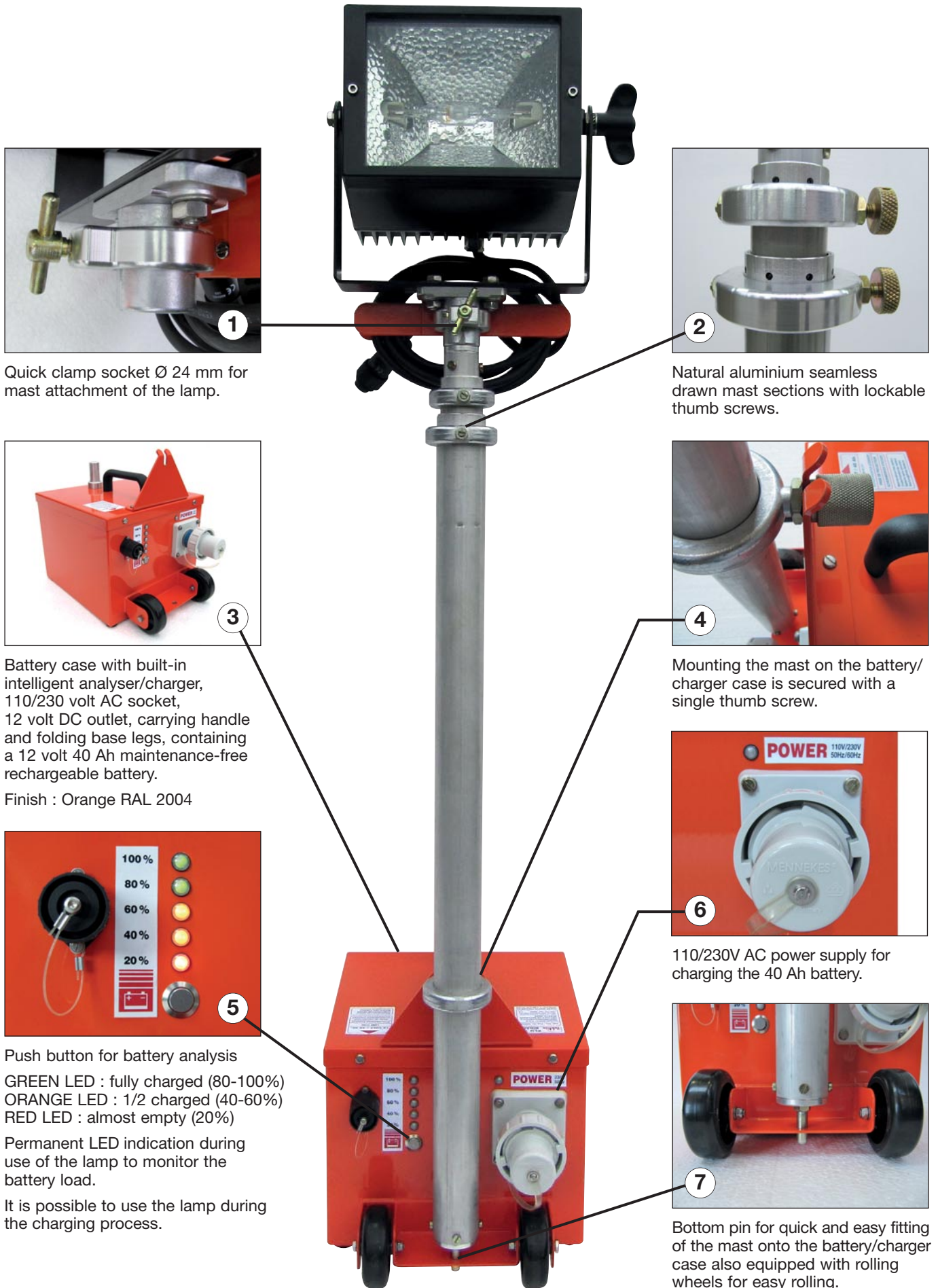


NEW
RLU-ibac

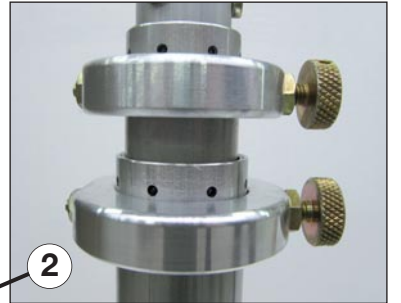
The Teklite RLU-ibac is a robust portable & rolling lighting unit with optimum light output and lighting endurance. The folding base legs enable the battery weight to provide great stability. Robust all-metal construction. The lamp is a high efficiency sodium, xenon bulb, a balloon with fluo compact bulbs or a light emitting diode (LED). The mast and the lamp may be detached from the base giving compact transportation dimensions.

MOBILE, PORTABLE & EMERGENCY LIGHTING

Specifications



Quick clamp socket \varnothing 24 mm for mast attachment of the lamp.

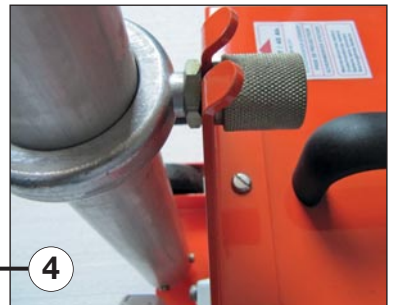


Natural aluminium seamless drawn mast sections with lockable thumb screws.

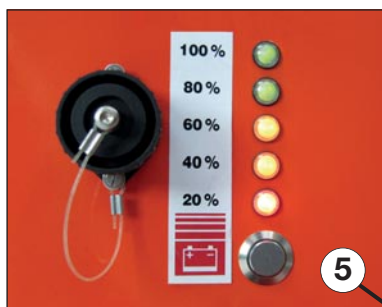


Battery case with built-in intelligent analyser/charger, 110/230 volt AC socket, 12 volt DC outlet, carrying handle and folding base legs, containing a 12 volt 40 Ah maintenance-free rechargeable battery.

Finish : Orange RAL 2004



Mounting the mast on the battery/charger case is secured with a single thumb screw.



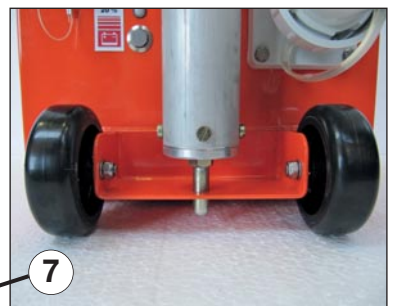
Push button for battery analysis
GREEN LED : fully charged (80-100%)
ORANGE LED : 1/2 charged (40-60%)
RED LED : almost empty (20%)

Permanent LED indication during use of the lamp to monitor the battery load.

It is possible to use the lamp during the charging process.



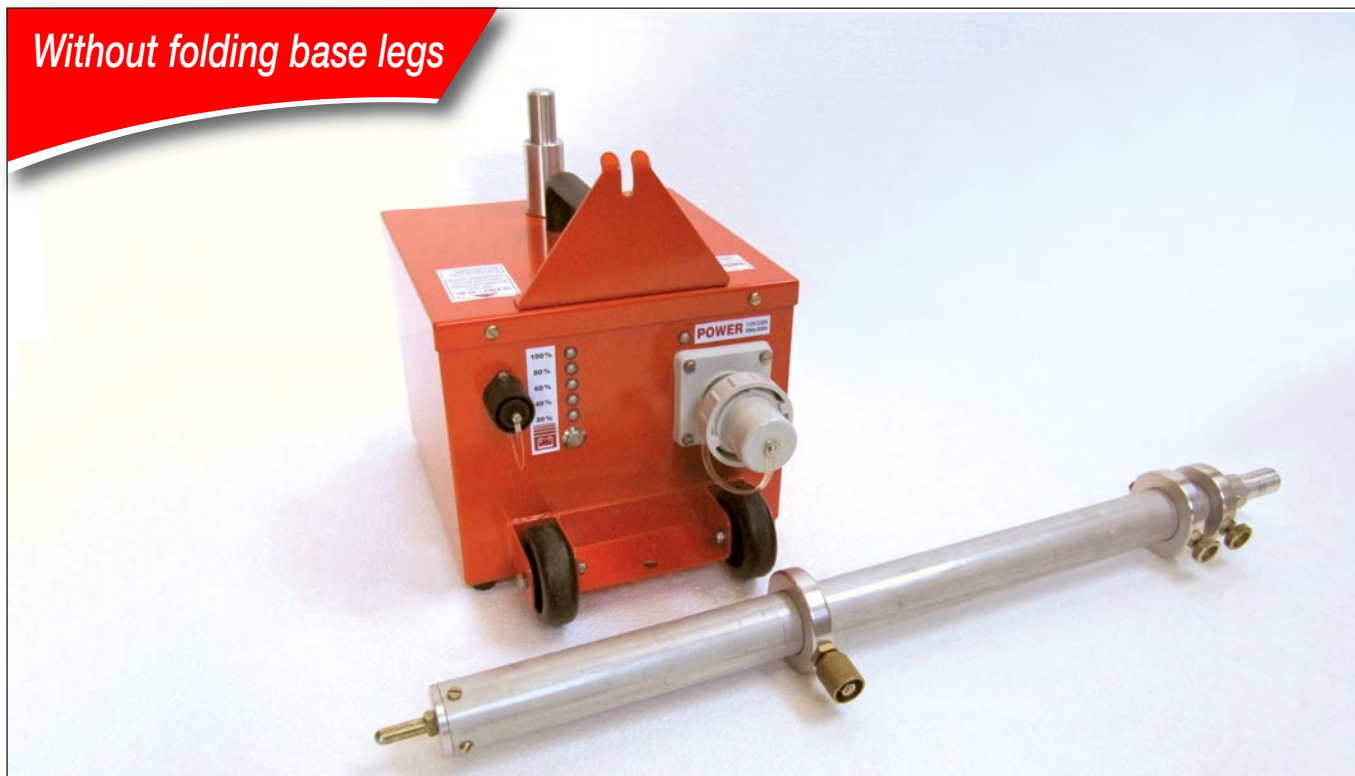
110/230V AC power supply for charging the 40 Ah battery.



Bottom pin for quick and easy fitting of the mast onto the battery/charger case also equipped with rolling wheels for easy rolling.

Models

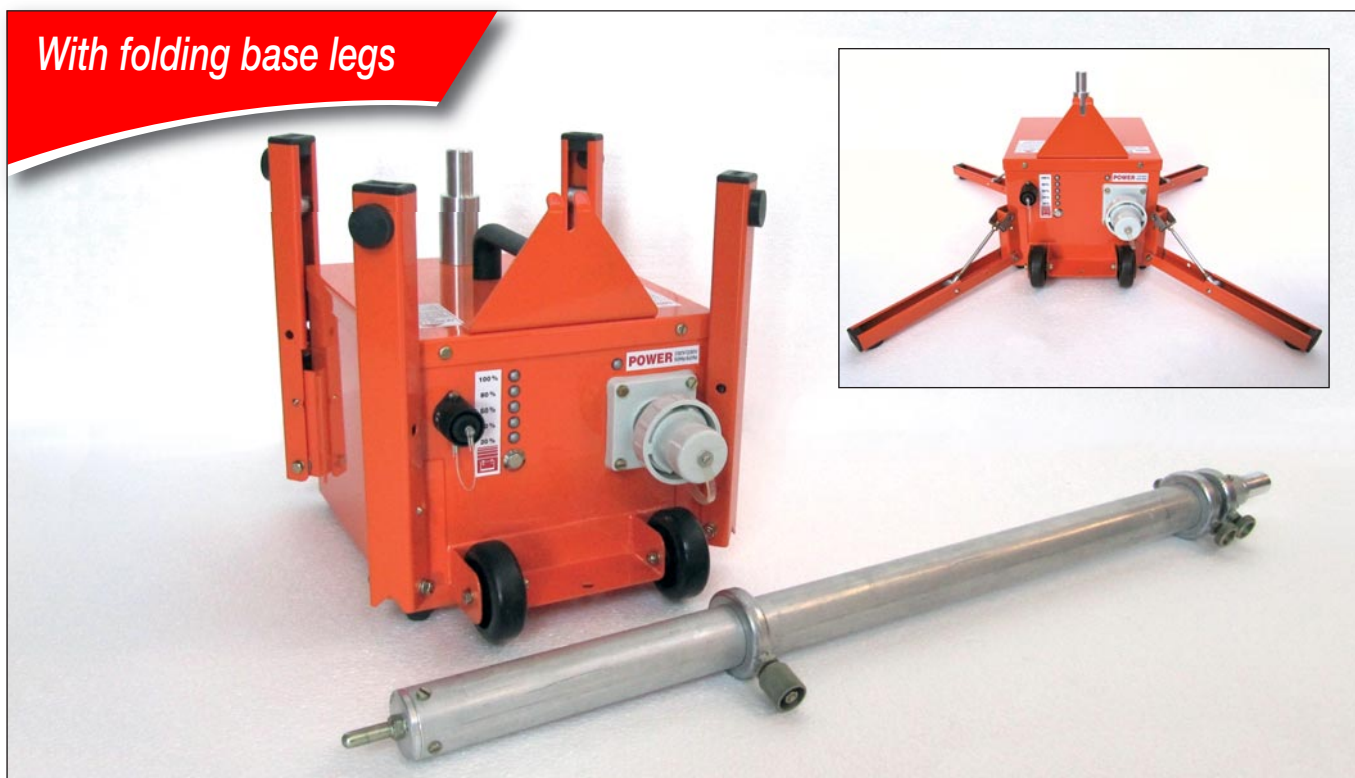
Without folding base legs



Battery/Charger case with mast

Models	Cat. No.	Extended mast height inclusive lamp	Battery/Charger case dimensions	Case weight	Mast weight
RLU-ibac without folding base legs	38320	2,00 m	265(L) x 360(W) x 320(H) mm	21,0 kg	1,5 kg
RLU-ibac with folding base legs	38323	2,50 m	330(L) x 390(W) x 330(H) mm	24,5 kg	2,0 kg

With folding base legs



MOBILE, PORTABLE & EMERGENCY LIGHTING

Lamp choice

* Lamp fully adjustable with standard fitted clamping knob.



**Model 70 Watt, 12 Volt
High Pressure Sodium***



**Model 33/55 Watt 12 Volt
SMD-LED***

Single lamp unit with cable on reel and BINDER plug

Cat. No.	Model	Endurance	Volt	Ampere	Lumens
17583/S	70 Watt HP Sodium*	4 hours	12	6,3	6.500
27660	35 Watt Xenon	8 hours	12	3,0	3.500
B31401	60 Watt Balloon Fluo Compact	6 hours	12	5,2	3.600
34495/S	33 Watt SMD-LED*	11 hours	12	3,2	3.300
34496/S	55 Watt SMD-LED*	7 hours	12	5,3	5.500



**Model 60 Watt 12 Volt
Fluo Compact**



**Model 35 Watt 12 Volt
Xenon**



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 9001:2008 CE

PP 1759/E NV MM 01/01/14

MOBILE, PORTABLE & EMERGENCY LIGHTING



PLU-HPS

Powerful, autonomous, portable lighting unit

It is not possible to list all the possible uses of Teklite Portable Lighting Units. The powerful floodlighting which it gives can be used for maintenance or inspections in dark places, for emergency lighting or as lighting for Police, Fire Services or night breakdown services of all kinds. The Teklite PLU-HPS is self-contained and draws its energy from a sealed maintenance-free battery.



MOBILE, PORTABLE & EMERGENCY LIGHTING

Specifications

Technical details



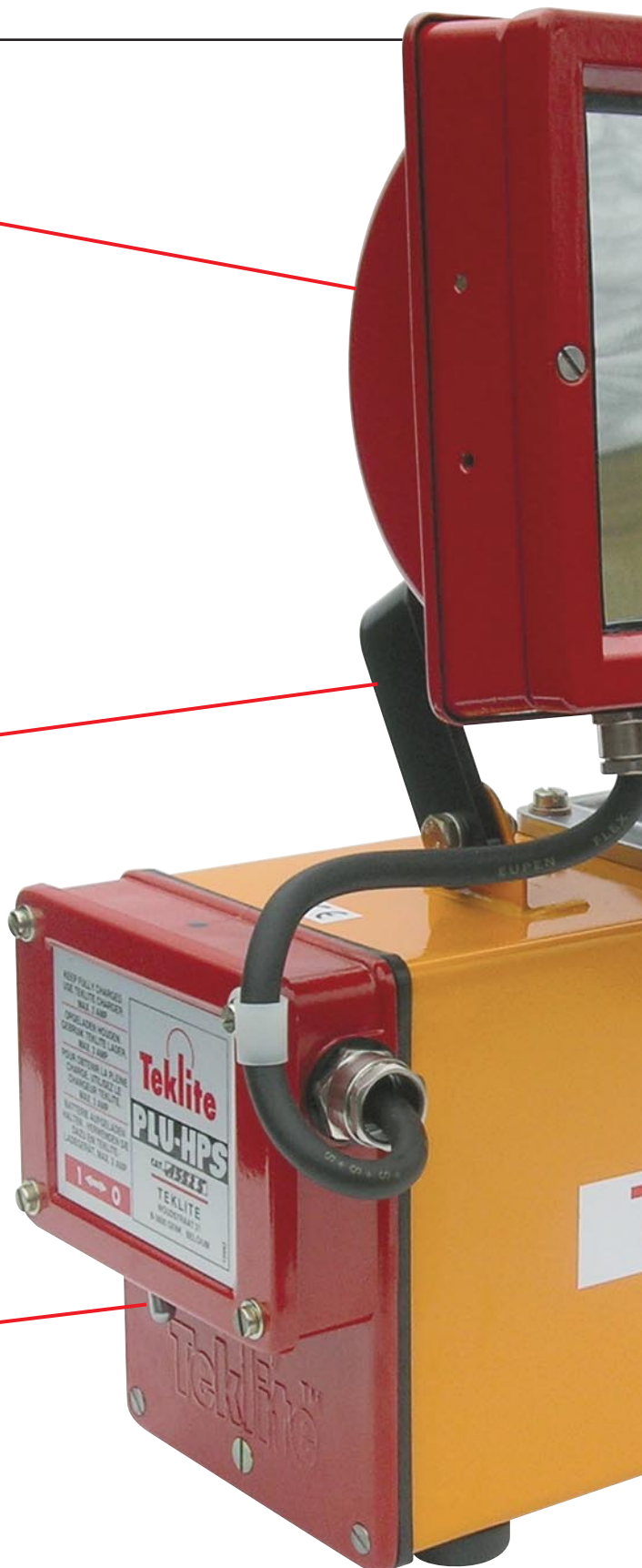
70 Watt, 12 Volt HPS (High Pressure Sodium) bulb. Lamp protection : IP65



Rigid carrying handle.



Built-in circuit board with integrated ON/OFF switch.



Model	Cat. No.
PLU-HPS (70W-12V HP Sodium)	15525



4
Binder socket to plug in the Teklite charger to charge the 12 volt 12 Ah battery.
Finish : Yellow RAL 1007
Red RAL 3000



5
Lamp in closed position gives protection against accidental damage.



6
Strong rubber caps for good stability.

Endurance	Weight	Ampere	Lumens
75 min.	9,0 kg	7,0	6500

Chargers

For any device powered by a rechargeable battery, the charger is as important as the device itself. The correct Teklite charger ensures a full charge and maximum battery life.

Recommended Teklite charger for vehicle battery supply



12/12V Charger Module

Model 12/12V for 12 volt vehicles

Cat. No. 16331

24/12V Charger Module (not shown)

Model 24/12V for 24 volt vehicles

Cat. No. 16332

This module may be fixed anywhere in the vehicle near to where the PLU-HPS is stored.

Input voltage : (Cat. No. 16331) 10,6 to 16 volt
(Cat. No. 16332) 20 to 32 volt

Dimensions : 195 (L) x 65 (W) x 115 (H) mm

Weight : 1,2 kg

Finish : Blue stove enamel RAL 5012

Recommended Teklite charger for 230 volt or 110 volt supply



2 amperes Battery Charger

Model 2 amperes Battery Charger for 230 volt supply

Cat. No. 15683

Model 2 amperes Battery Charger for 110 volt supply

Cat. No. 36216

This is a compact charger designed for charging the PLU-HPS. Fuse protected on input and electronic protection for short circuit and reverse polarity on output.

Maximum charging current : 2,3 amperes

Input voltage : 220-250V 50Hz / 110-120V 60Hz

Recommended for batteries:
12 volt- 12 Ah / Time to charge : 6 hours

Max. ambient temperature : 40°C

Controls : Mains switch

Indicators	: 'Mains ON'	Red LED
	: 'CHARGING'	Yellow LED
	: 'CHARGE COMPLETE'	Green LED

Dimensions : 207 (L) x 115 (W) x 165 (H) mm

Weight : 3 kg

Finish : Blue stove enamel RAL 5012

NOTE : Chargers will not charge batteries where due to deep discharge the voltage is less than 7,5 volt.



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 9001:2008 CE



TF 100 Manual H-Series

Portable or mobile mast lighting systems

The Teklite TF 100 H-Series are the most economical manually extended mast lighting systems of the whole Teklite range. The TF 100 H-Series are compact portable lighting sets which can be easily fitted to small service or fire vehicles.

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



MOBILE, PORTABLE & EMERGENCY LIGHTING

Mast specifications

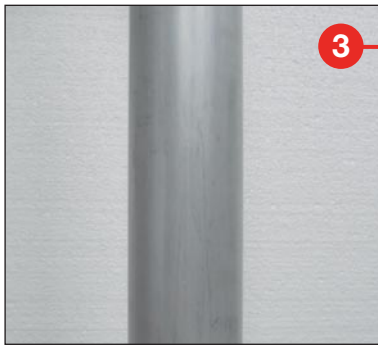
Technical details



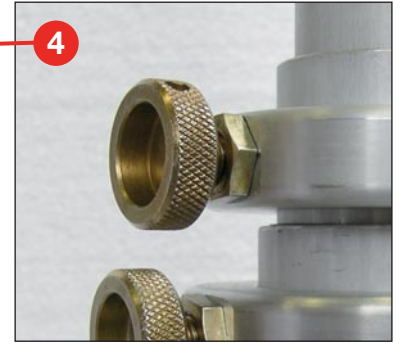
24 mm diameter quick clamp socket



Lockable rotating collar



Standard natural clear anodised seamless drawn aluminium mast sections with $\text{Ø } 2\frac{1}{2}''$ (63,5 mm) base tube



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



Clamp handle for quick and easy fitting onto a tripod or vehicle mounting bracket



Bottom pin for quick and easy fitting onto a tripod or vehicle mounting bracket

TF 100 H-Series mast models

Model	Cat. No.	Retracted height	Extended height	Weight of mast
3 SECTION MASTS				
TF H128 T/3 (previously called: TF 600 H3)	11343	1200 mm	2825 mm	4,2 kg
4 SECTION MASTS				
TF H137 T/4 (previously called: TF 600 H4)	11344	1230 mm	3710 mm	5,0 kg
5 SECTION MASTS				
TF H146 T/5 (previously called: TF 600 H5)	11345	1260 mm	4595 mm	5,5 kg

Lamp choice

* Lamp unit standard fitted with lamp protection guard.

Single lamp unit with 8 m cable on reel (without plug), lamp fully adjustable with standard fitted clamp handle

Cat. No.	Model	Volt	Ampere	Lumens
27740	70 Watt HP Sodium*	12	6,3	6.500
27745	70 Watt HP Sodium*	24	3,5	6.500
27750	70 Watt Metal Halide*	12	6,5	5.000
27755	70 Watt Metal Halide*	24	3,7	5.000
27759	750 Watt Halogen*	230	3,3	16.500
27760	1000 Watt Halogen*	230	4,4	22.000
27765	1500 Watt Halogen*	230	6,5	36.000
35721	55 Watt SMD-LED*	12	5,3	5.500
35726	55 Watt SMD-LED*	24	2,4	5.500



Double lamp unit with 8 m cable on reel (without plug), lamps fully adjustable with standard fitted clamp handles

Cat. No.	Model	Volt	Ampere	Lumens
27770	2 x 70 Watt HP Sodium*	12	12,5	13.000
27775	2 x 70 Watt HP Sodium*	24	7,0	13.000
27780	2 x 70 Watt Metal Halide*	12	13,0	10.000
27785	2 x 70 Watt Metal Halide*	24	7,4	10.000
27790	1 x 70 Watt HP Sodium + 1 x 70 Watt Metal Halide*	12	12,8	11.500
27795	1 x 70 Watt HP Sodium + 1 x 70 Watt Metal Halide*	24	7,2	11.500
27800	2 x 35 Watt Xenon	12	5,9	7.000
27805	2 x 35 Watt Xenon	24	3,0	7.000
27810	2 x 100 Watt Xenophot*	12	16,7	7.200
27815	2 x 150 Watt Xenophot*	24	12,5	12.000
27820	2 x 500 Watt Halogen*	230	4,4	19.000
35731	2 x 55 Watt SMD-LED*	12	10,6	11.000
35736	2 x 55 Watt SMD-LED*	24	4,8	11.000
35737	2 x 55 Watt SMD-LED*	230	0,5	11.000



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. 1984/SG



Mounting Ring
Cat. No. 2148/SG

Brackets for temporary fixture



Saddle Clamp
Cat. No. 25960/SG



Vehicle Mounting Bracket Set
Cat. No. 11446/SG

Mast mounted on a tripod

Models	Cat. No.	Length legs	Weight
Tripod Mk VI	36820	1000 mm	12,7 kg
Tripod Mk VI LB (with Locking Block)	36823	1000 mm	12,7 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.



Tripod Mounting Bracket

Cat. No. 36592

Can be fixed onto a wall, vehicle or shelter. A Ground/Vehicle/ Shelter Tripod is foreseen 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.**



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 9001:2008 CE



TF 100 Pneumatic P-Series

Portable or mobile mast lighting systems

The Teklite TF 100 P-Series are the most economical pneumatically extended mast lighting systems of the whole Teklite range.

The TF 100 P-Series are compact portable lighting sets which can be easily fitted to small service or fire vehicles.

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



MOBILE, PORTABLE & EMERGENCY LIGHTING

Mast specifications

Technical details



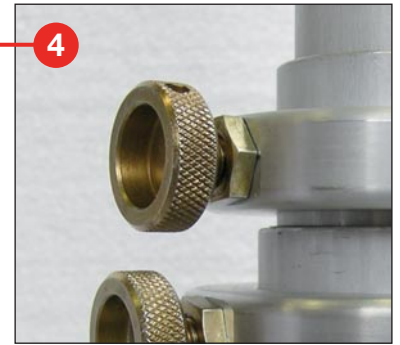
24 mm diameter quick clamp socket



Lockable rotating collar, standard natural clear anodised seamless drawn aluminium mast sections with $\text{Ø } 2\frac{1}{2}$ " (63,5 mm) base tube



Bottom pin for quick and easy fitting onto a tripod or vehicle mounting bracket



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



Handpump and clamp handle for quick and easy fitting onto a tripod or vehicle mounting bracket



Air release screw

TF 100 P-Series mast models

Model	Cat. No.	Retracted height	Extended height	Weight of mast
3 SECTION MASTS				
TF P130 T/3 (previously called: TF 600 P3/0)	16020	1250 mm	2950 mm	5,0 kg
TF P135 T/3 (previously called: TF 600 P3/1)	16021	1460 mm	3480 mm	5,5 kg
4 SECTION MASTS				
TF P145 T/4 (previously called: TF 600 P4/1)	16031	1490 mm	4530 mm	6,0 kg

Lamp choice

* Lamp unit standard fitted with lamp protection guard.

Single lamp unit with 8 m cable on reel (without plug), lamp fully adjustable with standard fitted clamp handle

Cat. No.	Model	Volt	Ampere	Lumens
27740	70 Watt HP Sodium*	12	6,3	6.500
27745	70 Watt HP Sodium*	24	3,5	6.500
27750	70 Watt Metal Halide*	12	6,5	5.000
27755	70 Watt Metal Halide*	24	3,7	5.000
27759	750 Watt Halogen*	230	3,3	16.500
27760	1000 Watt Halogen*	230	4,4	22.000
27765	1500 Watt Halogen*	230	6,5	36.000
35721	55 Watt SMD-LED*	12	5,3	5.500
35726	55 Watt SMD-LED*	24	2,4	5.500



Double lamp unit with 8 m cable on reel (without plug), lamps fully adjustable with standard fitted clamp handles

Cat. No.	Model	Volt	Ampere	Lumens
27770	2 x 70 Watt HP Sodium*	12	12,5	13.000
27775	2 x 70 Watt HP Sodium*	24	7,0	13.000
27780	2 x 70 Watt Metal Halide*	12	13,0	10.000
27785	2 x 70 Watt Metal Halide*	24	7,4	10.000
27790	1 x 70 Watt HP Sodium + 1 x 70 Watt Metal Halide*	12	12,8	11.500
27795	1 x 70 Watt HP Sodium + 1 x 70 Watt Metal Halide*	24	7,2	11.500
27800	2 x 35 Watt Xenon	12	5,9	7.000
27805	2 x 35 Watt Xenon	24	3,0	7.000
27810	2 x 100 Watt Xenophot*	12	16,7	7.200
27815	2 x 150 Watt Xenophot*	24	12,5	12.000
27820	2 x 500 Watt Halogen*	230	4,4	19.000
35731	2 x 55 Watt SMD-LED*	12	10,6	11.000
35736	2 x 55 Watt SMD-LED*	24	4,8	11.000
35737	2 x 55 Watt SMD-LED*	230	0,5	11.000



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. 1984/SG



Mounting Ring
Cat. No. 2148/SG

Brackets for temporary fixture



Saddle Clamp
Cat. No. 25960/SG



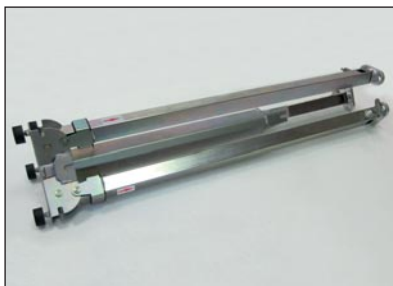
Vehicle Mounting Bracket Set
Cat. No. 11446/SG

Mast mounted on a tripod

Models	Cat. No.	Length legs	Weight
Tripod Mk VI	36820	1000 mm	12,7 kg
Tripod Mk VI LB (with Locking Block)	36823	1000 mm	12,7 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.



Tripod Mounting Bracket

Cat. No. 36592

Can be fixed onto a wall, vehicle or shelter. A Ground/Vehicle/ Shelter Tripod is foreseen 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.**



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 9001:2008 CE



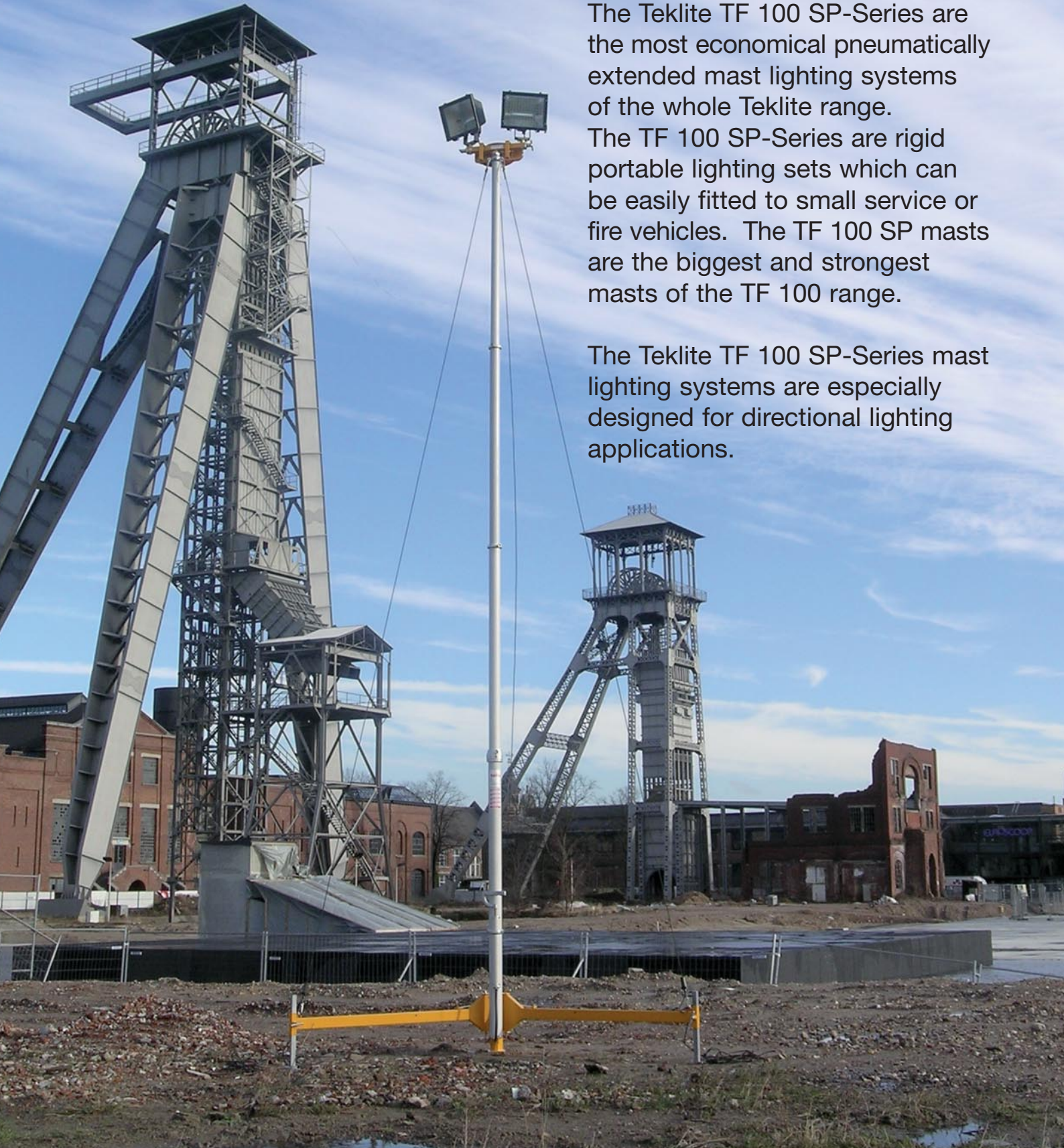
TF 100 Pneumatic SP-Series

Portable or mobile rigid mast lighting systems

The Teklite TF 100 SP-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.

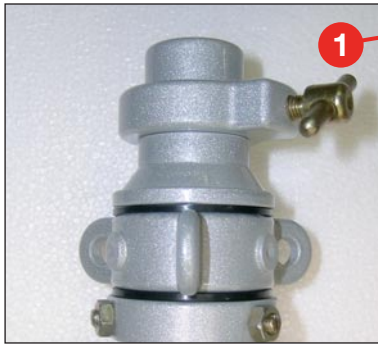
The Teklite TF 100 SP-Series mast lighting systems are especially designed for directional lighting applications.



MOBILE, PORTABLE & EMERGENCY LIGHTING

Mast specifications

Technical details



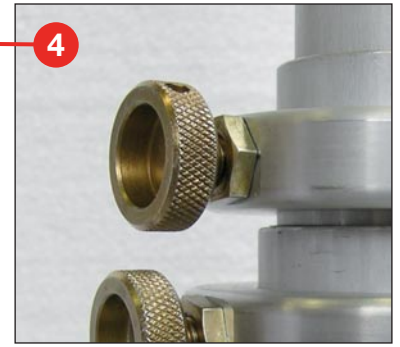
24 mm diameter quick clamp socket and rotating top guy collar



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



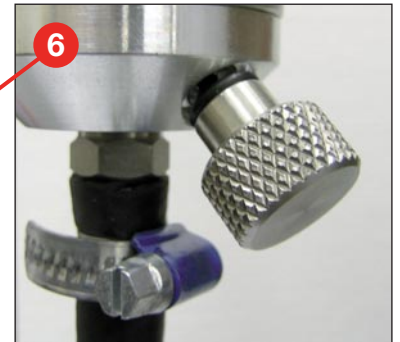
Bottom stud for quick and easy fitting onto a tripod



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	Weight of mast
4 SECTION MASTS				
TF SP140 T/4 (previously called: TF 600 PX4/0)	17400	1430 mm	4030 mm	7,0 kg
TF SP156 T/4 (previously called: TF 600 PX4/1)	17401	1870 mm	5630 mm	9,0 kg
TF SP167 T/4 (previously called: TF 600 PX4/2)	17402	2210 mm	6700 mm	10,0 kg

Lamp choice

* Lamp unit standard fitted with lamp protection guard.

Single lamp unit with 8 m cable on reel (without plug), lamp fully adjustable with standard fitted clamp handle

Cat. No.	Model	Volt	Ampere	Lumens
27740	70 Watt HP Sodium*	12	6,3	6.500
27745	70 Watt HP Sodium*	24	3,5	6.500
27750	70 Watt Metal Halide*	12	6,5	5.000
27755	70 Watt Metal Halide*	24	3,7	5.000
27759	750 Watt Halogen*	230	3,3	16.500
27760	1000 Watt Halogen*	230	4,4	22.000
27765	1500 Watt Halogen*	230	6,5	36.000
35721	55 Watt SMD-LED*	12	5,3	5.500
35726	55 Watt SMD-LED*	24	2,4	5.500



Double lamp unit with 8 m cable on reel (without plug), lamps fully adjustable with standard fitted clamp handles

Cat. No.	Model	Volt	Ampere	Lumens
27770	2 x 70 Watt HP Sodium*	12	12,5	13.000
27775	2 x 70 Watt HP Sodium*	24	7,0	13.000
27780	2 x 70 Watt Metal Halide*	12	13,0	10.000
27785	2 x 70 Watt Metal Halide*	24	7,4	10.000
27790	1 x 70 Watt HP Sodium + 1 x 70 Watt Metal Halide*	12	12,8	11.500
27795	1 x 70 Watt HP Sodium + 1 x 70 Watt Metal Halide*	24	7,2	11.500
27800	2 x 35 Watt Xenon	12	5,9	7.000
27805	2 x 35 Watt Xenon	24	3,0	7.000
27810	2 x 100 Watt Xenophot*	12	16,7	7.200
27815	2 x 150 Watt Xenophot*	24	12,5	12.000
27820	2 x 500 Watt Halogen*	230	4,4	19.000
27824	2 x 750 Watt Halogen*	230	6,5	33.000
27825	2 x 1000 Watt Halogen*	230	8,7	44.000
27830	2 x 1500 Watt Halogen*	230	13,0	72.000
35731	2 x 55 Watt SMD-LED*	12	10,6	11.000
35736	2 x 55 Watt SMD-LED*	24	4,8	11.000
35737	2 x 55 Watt SMD-LED*	230	0,5	11.000



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

Mast mounted on a tripod

Models	Cat. No.	Length legs	Mast Type	Weight
Tripod Mk VI	36563	1000 mm	SP140	12,7 kg
Tripod Mk VI LB (with Locking Block)	36586	1000 mm	SP140	12,7 kg
Tripod Mk VI	36564	1250 mm	SP156 & SP167	14,0 kg
Tripod Mk VI LB (with Locking Block)	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.



Tripod Mounting Bracket

Cat. No. 36592

Can be fixed onto a wall, vehicle or shelter. A Ground/Vehicle/Shelter Tripod is foreseen 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.**



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 9001:2008 CE

PP 1376/E NV MM 01/01/14



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
3 SECTION MASTS					
TF 228E NT/3	25452	1320 mm	2890 mm	3 x 1.5 + 4 x 0.75 mm ²	7,5 kg
TF 232E NT/3	25453	1450 mm	3230 mm	3 x 1.5 + 4 x 0.75 mm ²	8,0 kg
TF 235E NT/3	25454	1650 mm	3590 mm	3 x 1.5 + 4 x 0.75 mm ²	8,7 kg
TF 245E NT/3	25455	1970 mm	4470 mm	3 x 1.5 + 4 x 0.75 mm ²	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 8 mm (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.

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 9001:2008 CE



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
3 SECTION MASTS					
TF 228E T/3	25569	1320 mm	2890 mm	3 x 1.5 + 4 x 0.75 mm ²	8,0 kg
TF 232E T/3	25570	1450 mm	3230 mm	3 x 1.5 + 4 x 0.75 mm ²	8,5 kg
TF 235E T/3	25571	1650 mm	3590 mm	3 x 1.5 + 4 x 0.75 mm ²	9,2 kg
TF 245E T/3	25572	1970 mm	4470 mm	3 x 1.5 + 4 x 0.75 mm ²	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	Ampere	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 Xenon	12	3,0	3.500
26055	35 Watt Xenon	24	1,5	3.500
26060	200 Watt Xenophot*	12	16,6	7.200
26065	300 Watt Xenophot*	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	33 Watt SMD-LED*	12	3,3	3.300
35785	33 Watt SMD-LED*	24	1,4	3.300
35781	55 Watt SMD-LED*	12	5,3	5.500
35786	55 Watt SMD-LED*	24	2,4	5.500



Double lamp unit, 2 lamps mounted above the bar *

Cat. No.	Model	Volt	Ampere	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 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
26145	2 x 500 Watt Halogen*	230	4,4	19.000
35790	2 x 33 Watt SMD-LED*	12	6,6	6.600
35795	2 x 33 Watt SMD-LED*	24	2,8	6.600



Double lamp unit, 2 lamps mounted below the bar *

Cat. No.	Model	Volt	Ampere	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 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
26215	2 x 500 Watt Halogen*	230	4,4	19.000
35800	2 x 33 Watt SMD-LED*	12	6,6	6.600
35805	2 x 33 Watt SMD-LED*	24	2,8	6.600



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

Cat. No.	Model	Volt	Ampere	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 Xenon	24	4,4	10.500
26255	3 x 50 Watt Xenophot*	12	12,5	4.800
26285	3 x 500 Watt Halogen*	230	6,5	28.500
35810	3 x 33 Watt SMD-LED*	12	9,9	9.900
35815	3 x 33 Watt SMD-LED*	24	4,2	9.900



Triple lamp unit, 3 lamps mounted above the bar

Cat. No.	Model	Volt	Ampere	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 Xenon	24	4,4	10.500
26320	3 x 50 Watt Xenophot*	12	12,5	4.800
26350	3 x 500 Watt Halogen*	230	6,5	28.500
35820	3 x 33 Watt SMD-LED*	12	9,9	9.900
35825	3 x 33 Watt SMD-LED*	24	4,2	9.900



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



Pump Wall Mounting Bracket Set

Cat. No. 25591/SG

For mounting the handpump to the wall or vehicle body.

Air Hose 8 mm (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.

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 9001:2008 CE



TF 300E NT Series

Non-turnable middle-range mast lighting systems



Teklite TF 300E 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 300E NT serie of mast lighting systems are especially designed for 360° all-round lighting applications.

Ideal for fitting to medium size fire vehicles Teklite TF 300E NT series combines high quality lighting performance with reasonable costs.



MOBILE, PORTABLE & EMERGENCY LIGHTING

Mast specifications

Technical details



1 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

2 Standard natural clear anodised seamless drawn aluminium mast sections with 80 mm base tube

3 Fixed cardan 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 300E NT Series mast models (Class II approved)

Model	Cat. No.	Retracted height	Extended height	Internal cable	Weight of mast
3 SECTION MASTS					
TF 326E NT/3	25480	1225 mm	2630 mm	9 x 1.5 + 4 x 0.75 mm ²	10,5 kg
TF 335E NT/3	25481	1575 mm	3530 mm	9 x 1.5 + 4 x 0.75 mm ²	11,5 kg
TF 340E NT/3	25482	1730 mm	3930 mm	9 x 1.5 + 4 x 0.75 mm ²	12,0 kg
TF 350E NT/3	25483	2105 mm	4900 mm	9 x 1.5 + 4 x 0.75 mm ²	14,5 kg
4 SECTION MASTS					
TF 335E NT/4	25631	1370 mm	3470 mm	9 x 1.5 + 4 x 0.75 mm ²	11,3 kg
TF 340E NT/4	25632	1495 mm	3970 mm	9 x 1.5 + 4 x 0.75 mm ²	11,8 kg
TF 350E NT/4	25633	1785 mm	4950 mm	9 x 1.5 + 4 x 0.75 mm ²	14,6 kg
TF 355E NT/4	25634	1910 mm	5450 mm	9 x 1.5 + 4 x 0.75 mm ²	15,5 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. 16681/SG



Lower Mounting Bracket

Cat. No. 16686/SG

Internal mounting



Roof Bearing

Cat. No. 27622/SG

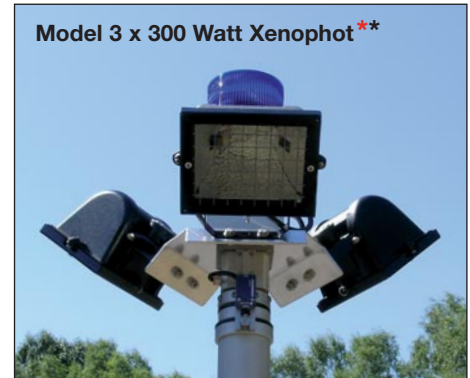
Lamp choice

* 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
26890	3 x 70 Watt HP Sodium*	12	18,8	19.500
26895	3 x 70 Watt HP Sodium*	24	10,5	19.500
26900	3 x 70 Watt Metal Halide*	12	19,5	15.000
26905	3 x 70 Watt Metal Halide*	24	11,1	15.000
26910	3 x 35 Watt Xenon	12	8,8	10.500
26915	3 x 35 Watt Xenon	24	4,4	10.500
26925	3 x 100 Watt Xenophot*	12	25,0	10.800
26940	3 x 150 Watt Xenophot*	24	18,8	18.000
26930	3 x 200 Watt Xenophot*	12	50,0	21.600
26945	3 x 300 Watt Xenophot*	24	37,5	36.000
26950	3 x 500 Watt Halogen*	230	6,5	28.500
35741	3 x 55 Watt SMD-LED*	12	15,9	16.500
35746	3 x 55 Watt SMD-LED*	24	7,2	16.500



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

Cat. No.	Model	Volt	Ampere	Lumens
26980	3 x 70 Watt HP Sodium*	12	18,8	19.500
26985	3 x 70 Watt HP Sodium*	24	10,5	19.500
26990	3 x 70 Watt Metal Halide*	12	19,5	15.000
26995	3 x 70 Watt Metal Halide*	24	11,1	15.000
27000	3 x 35 Watt Xenon	12	8,8	10.500
27005	3 x 35 Watt Xenon	24	4,4	10.500
27015	3 x 100 Watt Xenophot*	12	25,0	10.800
27030	3 x 150 Watt Xenophot*	24	18,8	18.000
27020	3 x 200 Watt Xenophot*	12	50,0	21.600
27035	3 x 300 Watt Xenophot*	24	37,5	36.000
27040	3 x 500 Watt Halogen*	230	6,5	28.500
35751	3 x 55 Watt SMD-LED*	12	15,9	16.500
35756	3 x 55 Watt SMD-LED*	24	7,2	16.500



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

Cat. No.	Model	Volt	Ampere	Lumens
27070	4 x 70 Watt HP Sodium*	12	25,0	26.000
27075	4 x 70 Watt HP Sodium*	24	14,0	26.000
27080	4 x 70 Watt Metal Halide*	12	26,0	20.000
27085	4 x 70 Watt Metal Halide*	24	14,8	20.000
27090	2 x 70 Watt HPS + 2 x 70 Watt MH*	12	25,6	23.000
27095	2 x 70 Watt HPS + 2 x 70 Watt MH*	24	14,4	23.000
27100	4 x 35 Watt Xenon + Power Converter	12	11,7	14.000
27105	4 x 35 Watt Xenon	24	5,9	14.000
27115	4 x 100 Watt Xenophot*	12	33,4	14.400
27125	4 x 150 Watt Xenophot*	24	25,0	24.000
27130	4 x 300 Watt Xenophot*	24	50,0	48.000
27135	4 x 500 Watt Halogen*	230	8,7	38.000
35761	4 x 55 Watt SMD-LED*	12	21,2	22.000
35766	4 x 55 Watt SMD-LED*	24	9,6	22.000



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

Cat. No.	Model	Volt	Ampere	Lumens
27170	4 x 70 Watt HP Sodium*	12	25,0	26.000
27175	4 x 70 Watt HP Sodium*	24	14,0	26.000
27180	4 x 70 Watt Metal Halide*	12	26,0	20.000
27185	4 x 70 Watt Metal Halide*	24	14,8	20.000
27190	2 x 70 Watt HPS + 2 x 70 Watt MH*	12	25,6	23.000
27195	2 x 70 Watt HPS + 2 x 70 Watt MH*	24	14,4	23.000
27200	4 x 35 Watt Xenon + Power Converter	12	11,7	14.000
27205	4 x 35 Watt Xenon	24	5,9	14.000
27215	4 x 100 Watt Xenophot*	12	33,4	14.400
27225	4 x 150 Watt Xenophot*	24	25,0	24.000
27230	4 x 300 Watt Xenophot*	24	50,0	48.000
27235	4 x 500 Watt Halogen*	230	8,7	38.000
35771	4 x 55 Watt SMD-LED*	12	21,2	22.000
35776	4 x 55 Watt SMD-LED*	24	9,6	22.000



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 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



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 9001:2008 CE



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.



MOBILE, PORTABLE & EMERGENCY LIGHTING

Mast specifications

Technical details



1 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



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



3 360° turnable cardan 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 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 mm ²	11,0 kg
TF 335E T/3	25487	1575 mm	3530 mm	9 x 1.5 + 4 x 0.75 mm ²	12,0 kg
TF 340E T/3	25488	1730 mm	3930 mm	9 x 1.5 + 4 x 0.75 mm ²	12,5 kg
TF 350E T/3	25489	2105 mm	4900 mm	9 x 1.5 + 4 x 0.75 mm ²	15,0 kg
4 SECTION MASTS					
TF 335E T/4	25641	1370 mm	3470 mm	9 x 1.5 + 4 x 0.75 mm ²	11,8 kg
TF 340E T/4	25642	1495 mm	3970 mm	9 x 1.5 + 4 x 0.75 mm ²	12,3 kg
TF 347E T/4	25645	1670 mm	4750 mm	9 x 1.5 + 4 x 0.75 mm ²	14,4 kg
TF 350E T/4	25643	1785 mm	4950 mm	9 x 1.5 + 4 x 0.75 mm ²	15,1 kg
TF 355E T/4	25644	1910 mm	5450 mm	9 x 1.5 + 4 x 0.75 mm ²	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.



Remote Control for “TekAir” Compressor Model 40/50

The complete remote control set is delivered with 5 metre cable and connection plug.

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

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



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 9001:2008 CE



TF 300E T Series with tilt unit

Turnable middle-range mast lighting systems with tilt unit

Teklite TF 300E T lighting system with turnable air-operated telescopic mast, keyed mast sections, tilt unit, 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 with tilt unit are especially designed for directional lighting applications where the angle of elevation of the floodlights can be remotely adjusted. Ideal for fitting to medium size fire vehicles. Teklite TF 300E T series combines high quality lighting performance with reasonable costs.

MOBILE, PORTABLE & EMERGENCY LIGHTING

Mast specifications

Technical details



1 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

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

3 360° turnable cardan 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/tilt unit 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 mm ²	11,0 kg
TF 335E T/3	25487	1575 mm	3530 mm	9 x 1.5 + 4 x 0.75 mm ²	12,0 kg
TF 340E T/3	25488	1730 mm	3930 mm	9 x 1.5 + 4 x 0.75 mm ²	12,5 kg
TF 350E T/3	25489	2105 mm	4900 mm	9 x 1.5 + 4 x 0.75 mm ²	15,0 kg
4 SECTION MASTS					
TF 335E T/4	25641	1370 mm	3470 mm	9 x 1.5 + 4 x 0.75 mm ²	11,8 kg
TF 340E T/4	25642	1495 mm	3970 mm	9 x 1.5 + 4 x 0.75 mm ²	12,3 kg
TF 347E T/4	25645	1670 mm	4750 mm	9 x 1.5 + 4 x 0.75 mm ²	14,4 kg
TF 350E T/4	25643	1785 mm	4950 mm	9 x 1.5 + 4 x 0.75 mm ²	15,1 kg
TF 355E T/4	25644	1910 mm	5450 mm	9 x 1.5 + 4 x 0.75 mm ²	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 & tilt unit combination available with beacon & bracket (option). Put a "B" after the **tilt unit cat. no.** for ordering purposes.
- * Lamp & tilt unit combination available with lamp protection guard (option). Put a "P" after the **lamp unit cat. no.** for ordering purposes.

Double lamp unit, 2 lamps mounted on tilt unit

Cat. No.	Model	Volt	Ampere	Lumens
25273/T	2 x 70 Watt HP Sodium**	12	12,5	13.000
25274/T	2 x 70 Watt HP Sodium**	24	7,0	13.000
25275/T	2 x 70 Watt Metal Halide**	12	13,0	10.000
25276/T	2 x 70 Watt Metal Halide**	24	7,4	10.000
27280/T	1 x 70 Watt HP Sodium + 1 x 70 Watt Metal Halide**	12	12,8	11.500
27285/T	1 x 70 Watt HP Sodium + 1 x 70 Watt Metal Halide**	24	7,2	11.500
27290/T	2 x 35 Watt Xenon*	12	5,9	7.000
25268/T	2 x 35 Watt Xenon*	24	3,0	7.000
25277/T	2 x 100 Watt Xenophot**	12	16,7	7.200
25278/T	2 x 150 Watt Xenophot**	24	12,5	12.000
27295/T	2 x 200 Watt Xenophot**	12	33,4	14.400
27300/T	2 x 300 Watt Xenophot**	24	25,0	24.000
25279/T	2 x 500 Watt Halogen**	230	4,4	19.000
27301/T	2 x 750 Watt Halogen**	230	6,5	33.000
25280/T	2 x 1000 Watt Halogen**	230	8,7	44.000
35911/T	2 x 55 Watt SMD-LED**	12	10,6	11.000
35916/T	2 x 55 Watt SMD-LED**	24	4,8	11.000



Quadruple lamp unit, 4 lamps mounted on tilt unit

Cat. No.	Model	Volt	Ampere	Lumens
27360/T	4 x 35 Watt Xenon* + DC-DC Power Converter	12	11,7	14.000
25269/T	4 x 35 Watt Xenon*	24	5,9	14.000
25515/T	4 x 100 Watt Xenophot**	12	33,4	14.400
25281/T	4 x 150 Watt Xenophot**	24	25,0	24.000
27365/T	4 x 300 Watt Xenophot*	24	50,0	48.000
25282/T	4 x 500 Watt Halogen**	230	8,7	38.000
35921/T	4 x 55 Watt SMD-LED**	12	21,2	22.000
35926/T	4 x 55 Watt SMD-LED**	24	9,6	22.000



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 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

Tilt Unit with remote control



Horizontal Tilt Unit Models

Model 12 volt	Cat. No. 27405
Model 24 volt	Cat. No. 27406
Tilting angle : 110°	



Tilt Unit Remote Control

Model 12/24 volt	Cat. No. 27413
------------------	----------------



Vertical Tilt Unit Models

Model 12 volt	Cat. No. 27407
Model 24 volt	Cat. No. 27408
Tilting angle : 110°	

NOTE :

Combined remote control for compressor & tilt unit is available on request.



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 9001:2008 CE



TF 300XE - “*Basic Plus*” Light Robot Series

Middle-range mast robot lighting systems

Completely remote controlled lighting system for TF 300XE series of masts.

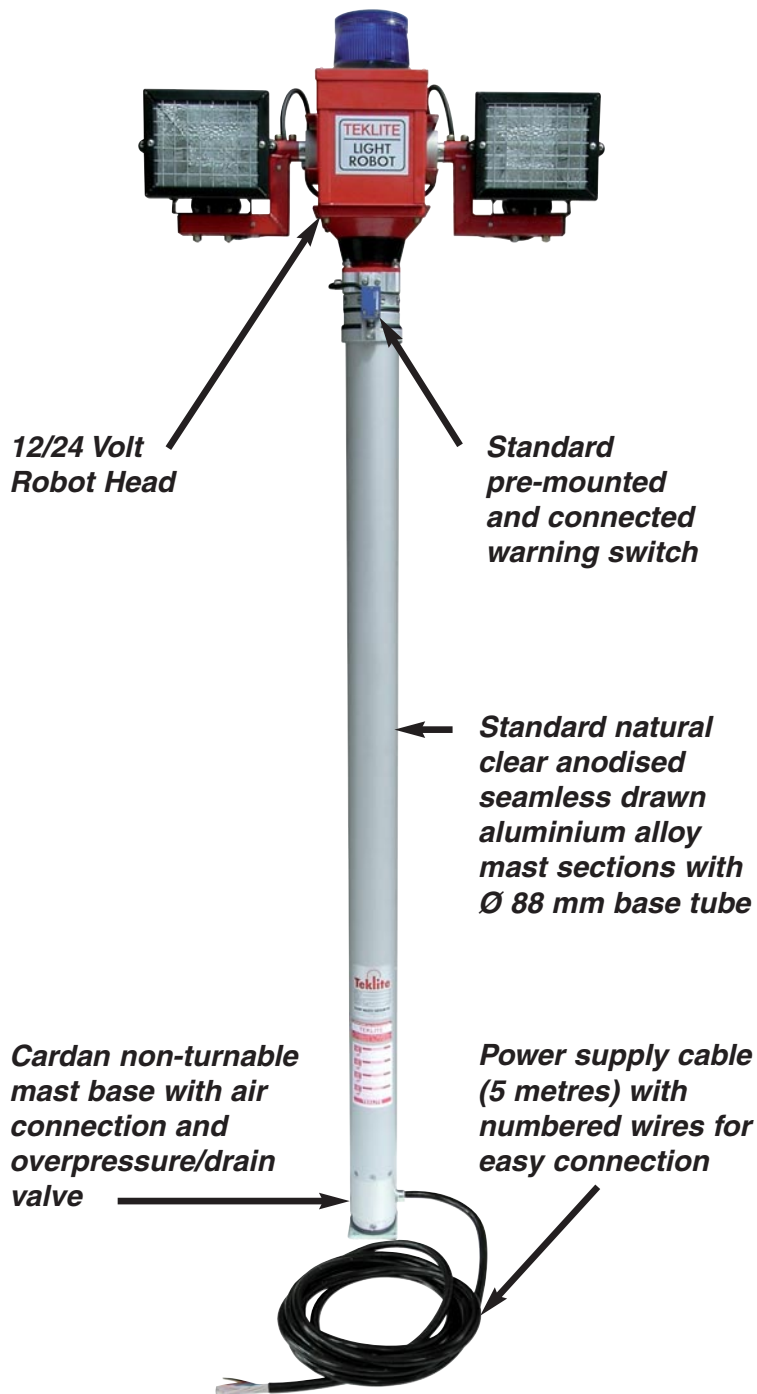
Light Robot’s features

- *Compact construction*
- *Easy to install*
- *Simple to use*
- *Choice of different lamp types*



MOBILE, PORTABLE & EMERGENCY LIGHTING

Amazingly easy to operate !



Functions

- To extend the mast
- To switch the lighting left (lights 1) and right (lights 2) "on" and "off"
- Beacon switch
- To turn and tilt the lamps in any direction
- Automatic return to the retracted position (also when releasing the handbrake)



Here are the features that make fitting and operating this system so easy:

1. Electric system powered from the 12/24 volt vehicle battery and controlled by cable remote control.
2. It is possible to operate the mast robot lighting system with a single or double cable remote control.
3. When the operation is over, a simple push on the button "↓" turns the lamps to the stowage position and retracts the mast. This cycle may also be automatically started by the release of the vehicle handbrake.
4. Air-operated telescopic mast based on proven TF 300 series.
5. Robot Lighting Head tilts maximum 315° downwards in only one direction starting from zero position and turns 360° to the right in only one direction starting from zero position, at the touch of a button.
6. Lamps can be either 12/24 volt or 110/230 volt if there is a generator on board.
7. All Mast Robot Lighting Systems are also available with deadman function. Put "DF" after the **control/junction unit cat. no.** for ordering purposes.

Technical specifications Light Robot Series with TF 300XE masts

MAST ROBOT LIGHTING SYSTEM SPEC.

TF 300XE mast	: Anodised aluminium alloy sections (Ø 88 mm base tube)
Warning switch	: Standard pre-mounted and connected
TF 300XE "Basic Plus" Robot Head	: 12 or 24 volt
Lamp choice	: HPS, MH, Halogen, Xenophot, Xenon or SMD-LED
Remote control	: Push button model
Control/Junction unit "Basic Plus"	: 12 or 24 volt
Air supply	: Compressor, Air Pressure Regulator or Air Pressure Valve Kit
Max. air pressure	: 1.8 bar
Options	: FireCAN & CANopen Interfaces available on request

PERFORMANCE (to tilt and turn lamps)

Turning speed	Time
Horizontal turning speed at 180°	15 sec.
Vertical turning speed at 90°	5 sec.

TF 300XE MAST MODELS (Class II approved)

TF 300XE Series masts			
Model	Cat. No.	Retracted height	Extended height
3 section masts *			
TF 335XE/3*	25654	1560 mm	3510 mm
TF 340XE/3*	25655	1715 mm	3910 mm
TF 345XE/3*	25658	2040 mm	4725 mm
TF 350XE/3*	25656	2090 mm	4880 mm
TF 355XE/3*	25657	2215 mm	5220 mm
4 section masts			
TF 320XE/4	25678	965 mm	2140 mm
TF 335XE/4	25680	1350 mm	3450 mm
TF 340XE/4	25681	1480 mm	3950 mm
TF 346XE/4	25679	1640 mm	4600 mm
TF 350XE/4	25682	1740 mm	4990 mm
TF 355XE/4	25683	1900 mm	5450 mm

* All 3 section masts can be equipped with a S-STP/micro coax cable, suitable for video & audio applications.

LAMP UNIT CHOICE

Lamps can be supplied in 12, 24, 110 or 230 volt.



All robot heads are available with beacon (option). Put a "B" after the robot head 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.

Mast Lighting Robots are the most advanced, automatic lighting systems of the Teklite range.

They have features which make them suitable for medium or heavy size vehicles. One of the most attractive reasons to use a Light Robot is that it is installed with minimum work.

The telescopic mast of the mast robot lighting system can be fed by either :

1. the air compressor or
2. the air pressure tank of the vehicle.



Cat. No.	Model	Volt	Ampere	Lumens
25273	2 x 70 Watt HP Sodium*	12	12,5	13.000
25274	2 x 70 Watt HP Sodium*	24	7,0	13.000
25275	2 x 70 Watt Metal Halide*	12	13,0	10.000
25276	2 x 70 Watt Metal Halide*	24	7,4	10.000
27280	1 x 70 W HPS + 1 x 70 W MH*	12	12,8	11.500
27285	1 x 70 W HPS + 1 x 70 W MH*	24	7,2	11.500
25268	2 x 35 Watt Xenon	24	3,0	7.000
25277	2 x 100 Watt Xenophot*	12	16,7	7.200
25278	2 x 150 Watt Xenophot*	24	12,5	12.000
27300	2 x 300 Watt Xenophot*	24	25,0	24.000
25279	2 x 500 Watt Halogen*	230	4,4	19.000
27301	2 x 750 Watt Halogen*	230	6,5	33.000
25280	2 x 1000 Watt Halogen*	230	8,7	44.000
35911	2 x 55 Watt SMD-LED*	12	10,6	11.000
35916	2 x 55 Watt SMD-LED*	24	4,8	11.000
25269	4 x 35 Watt Xenon	24	5,9	14.000
25281	4 x 150 Watt Xenophot*	24	25,0	24.000
25282	4 x 500 Watt Halogen*	230	8,7	38.000
35921	4 x 55 Watt SMD-LED*	12	21,2	22.000
35926	4 x 55 Watt SMD-LED*	24	9,6	22.000
33425	6 x 35 Watt Xenon	24	9,0	21.000
33435	6 x 500 Watt Halogen*	230	13,0	57.000

Technical specifications Light Robot Series with TF 300XE masts

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. 16682/SG



Lower Mounting Bracket

Cat. No. 16686/SG

Internal mounting



Roof Bearing

Cat. No. 27623/SG

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

Oil-free piston air compressor, completely maintenance-free.

Models with NO valve

Model 40/50, 12 volt Cat. No. 33652

Model 40/50, 24 volt Cat. No. 33653

Using the vehicle air pressure system



Air Pressure Regulator Unit

Combined unit consisting of valves, manometer, pressure switch and pressure regulator.

Models

APR Unit, 12 volt Cat. No. 25578

APR Unit, 24 volt Cat. No. 25579



Air Pressure Valve Kit

Kit consisting of loose valves, manometer and pressure regulator.

Models

APV Kit, 12 volt Cat. No. 27838

APV Kit, 24 volt Cat. No. 27839

MAST LIGHTING ROBOT HEAD WITH CONTROL/JUNCTION UNIT & REMOTE CONTROL



Robot Head “Basic Plus”

Model 12V Cat. No. 34020

Model 24V Cat. No. 34021



Control/Junction Unit “Basic Plus”

Model 12V Cat. No. 27719

Model 24V Cat. No. 27720



Cable Remote Control-LV

Cat. No. 27731

1,25 metre spiral cable + 10 metres linear cable

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

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 9001:2008 CE



TF 300XE - “Comfort” Light Robot Series

Middle-range mast robot lighting systems



Completely remote controlled lighting system for TF 300XE series of masts.

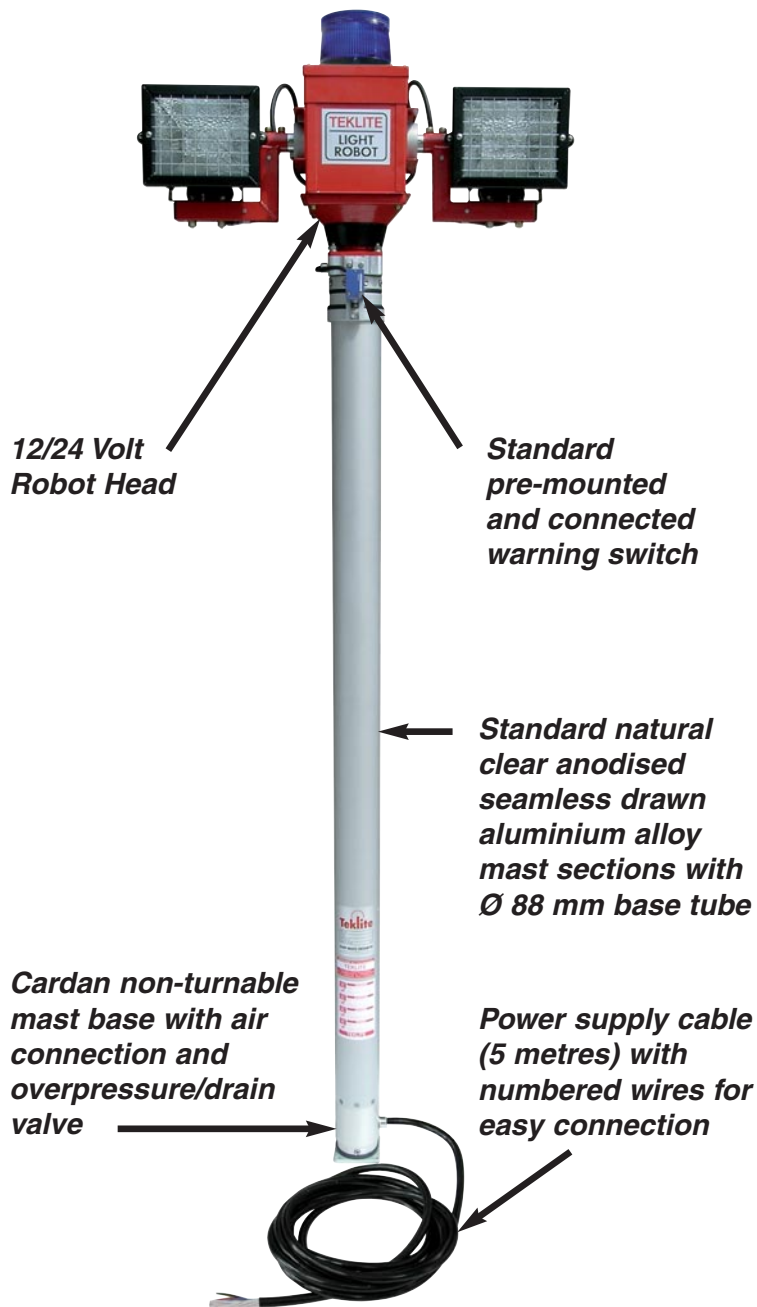
Light Robot's features

- *Compact construction*
- *Easy to install*
- *Simple to use*
- *Choice of different lamp types*



MOBILE, PORTABLE & EMERGENCY LIGHTING

Amazingly easy to operate !



Functions

- To extend the mast
- To switch the lighting left (lights 1) and right (lights 2) "on" and "off"
- Beacon switch
- To turn and tilt the lamps in any direction
- Automatic return to the retracted position (also when releasing the handbrake)



Here are the features that make fitting and operating this system so easy:

1. Electric system powered from the 12/24 volt vehicle battery and controlled by cable remote control.
2. It is possible to operate the mast robot lighting system with a single or double cable remote control, with or without RF remote control.
3. When the operation is over, a simple push of the button "mast down/park" turns the lamps to the stowage position and retracts the mast. This cycle may also be automatically started by the release of the vehicle handbrake.
4. Air-operated telescopic mast based on proven TF 300 series.
5. Robot lighting head tilts maximum 90° down and 180° up starting from zero position. The robot head turns also 180° to the left and 180° to the right starting from zero position, at the touch of a button.
6. Lamps can be either 12/24 volt or 110/230 volt if there is a generator on board.
7. All Mast Robot Lighting Systems are also available with deadman function for the push button "mast up/raise". Put "DF" after the control/junction unit cat. no. for ordering purposes.

Technical specifications Light Robot Series with TF 300XE masts

MAST ROBOT LIGHTING SYSTEM SPEC.

TF 300XE mast	: Anodised aluminium alloy sections (Ø 88 mm base tube)
Warning switch	: Standard pre-mounted and connected
TF 300XE "Comfort" Robot Head	: 12 or 24 volt
Lamp choice	: HPS, MH, Halogen, Xenophot, Xenon or SMD-LED
Remote control	: Push button models + RF model (option)
Control/Junction unit "Comfort"	: 12 or 24 volt
Air supply	: Compressor, Air Pressure Regulator or Air Pressure Valve Kit
Max. air pressure	: 1.8 bar
Options	: FireCAN & CANopen Interfaces available on request

Mast Lighting Robots are the most advanced, automatic lighting systems of the Teklite range.

They have features which make them suitable for medium or heavy size vehicles. One of the most attractive reasons to use a Light Robot is that it is installed with minimum work.

The telescopic mast of the mast robot lighting system can be fed by either :

1. the air compressor or
2. the air pressure tank of the vehicle.

PERFORMANCE (to tilt and turn lamps)

Turning speed	Time
Horizontal turning speed at 180°	15 sec.
Vertical turning speed at 90°	5 sec.

TF 300XE MAST MODELS (Class II approved)

TF 300XE Series masts			
Model	Cat. No.	Retracted height	Extended height
3 section masts*			
TF 335XE/3*	25654	1560 mm	3510 mm
TF 340XE/3*	25655	1715 mm	3910 mm
TF 345XE/3*	25658	2040 mm	4725 mm
TF 350XE/3*	25656	2090 mm	4880 mm
TF 355XE/3*	25657	2215 mm	5220 mm
4 section masts			
TF 320XE/4	25678	965 mm	2140 mm
TF 335XE/4	25680	1350 mm	3450 mm
TF 340XE/4	25681	1480 mm	3950 mm
TF 346XE/4	25679	1640 mm	4600 mm
TF 350XE/4	25682	1740 mm	4990 mm
TF 355XE/4	25683	1900 mm	5450 mm



* All 3 section masts can be equipped with a S-STP/micro coax cable, suitable for video & audio applications.

LAMP UNIT CHOICE

Lamps can be supplied in 12, 24, 110 or 230 volt.



All robot heads are available with beacon (option). Put a "B" after the robot head 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.

Cat. No.	Model	Volt	Ampere	Lumens
25273	2 x 70 Watt HP Sodium*	12	12,5	13.000
25274	2 x 70 Watt HP Sodium*	24	7,0	13.000
25275	2 x 70 Watt Metal Halide*	12	13,0	10.000
25276	2 x 70 Watt Metal Halide*	24	7,4	10.000
27280	1 x 70 W HPS + 1 x 70 W MH*	12	12,8	11.500
27285	1 x 70 W HPS + 1 x 70 W MH*	24	7,2	11.500
25268	2 x 35 Watt Xenon	24	3,0	7.000
25277	2 x 100 Watt Xenophot*	12	16,7	7.200
25278	2 x 150 Watt Xenophot*	24	12,5	12.000
27300	2 x 300 Watt Xenophot*	24	25,0	24.000
25279	2 x 500 Watt Halogen*	230	4,4	19.000
27301	2 x 750 Watt Halogen*	230	6,5	33.000
25280	2 x 1000 Watt Halogen*	230	8,7	44.000
35911	2 x 55 Watt SMD-LED*	12	10,6	11.000
35916	2 x 55 Watt SMD-LED*	24	4,8	11.000
25269	4 x 35 Watt Xenon	24	5,9	14.000
25281	4 x 150 Watt Xenophot*	24	25,0	24.000
25282	4 x 500 Watt Halogen*	230	8,7	38.000
35921	4 x 55 Watt SMD-LED*	12	21,2	22.000
35926	4 x 55 Watt SMD-LED*	24	9,6	22.000
33425	6 x 35 Watt Xenon	24	9,0	21.000
33435	6 x 500 Watt Halogen*	230	13,0	57.000

Technical specifications Light Robot Series with TF 300XE masts

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. 16682/SG



Lower Mounting Bracket

Cat. No. 16686/SG

Internal mounting



Roof Bearing

Cat. No. 27623/SG

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

Oil-free piston air compressor, completely maintenance-free.

Models with NO valve

Model 40/50, 12 volt Cat. No. 33652

Model 40/50, 24 volt Cat. No. 33653

Using the vehicle air pressure system



Air Pressure Regulator Unit

Combined unit consisting of valves, manometer, pressure switch and pressure regulator.

Models

APR Unit, 12 volt Cat. No. 25578

APR Unit, 24 volt Cat. No. 25579



Air Pressure Valve Kit

Kit consisting of loose valves, manometer and pressure regulator.

Models

APV Kit, 12 volt Cat. No. 27838

APV Kit, 24 volt Cat. No. 27839

MAST LIGHTING ROBOT WITH CONTROL/JUNCTION UNIT & REMOTE CONTROLS



Robot Head “Comfort”

Model 12V Cat. No. 25592

Model 24V Cat. No. 25593



Control/Junction Unit “Comfort”

Model 12V Cat. No. 27715

Model 24V Cat. No. 27716



Cable Remote Control-YH

Cat. No. 27723 (English)

Cat. No. 27724 (German)

1,5 metre spiral cable + 10 metres linear cable



Cable Remote Control-LV

Cat. No. 27731

1,25 metre spiral cable + 10 metres linear cable



RF Remote Control Kit

Cat. No. 27729 (Optional)

Kit contents : - RF Remote control
- Rechargeable battery
- 230 Volt charger
- 12/24 Volt car charger

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

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 9001:2008 CE

Distributor :



TF 400E NT Series

*Non-turnable
heavy-duty mast
lighting systems*

Teklite TF 400E 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 400E NT series of mast lighting systems are especially designed for 360° all-round lighting applications with thousands of references over the whole world. Ideal for fitting to medium size or heavy vehicles.



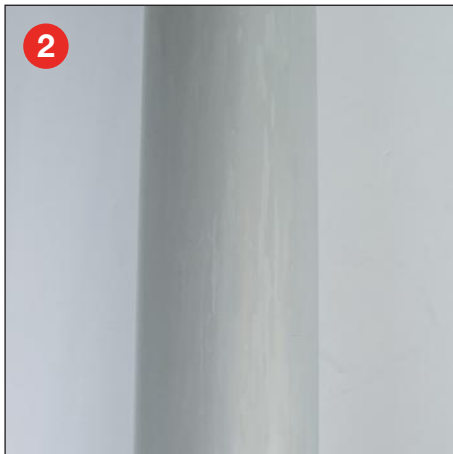
MOBILE, PORTABLE & EMERGENCY LIGHTING

Mast specifications

Technical details



1 Mast top assembly with 4 x PG13,5 cable gland fitted to keyed mast sections



2 Standard natural clear anodised seamless drawn aluminium mast sections with 114 mm base tube



3 Fixed cardan mast base with air connection and overpressure/drain valve



4 Standard pre-mounted and connected warning switch



5 Mast top shroud to protect the keyed mast sections



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

TF 400E NT Series mast models (Class II approved)

Model	Cat. No.	Retracted height	Extended height	Internal cable	Weight of mast
4 SECTION MASTS *					
TF 432E NT/4	25830	1230 mm	3140 mm	9 x 1.5 + 4 x 0.75 mm ²	19,0 kg
TF 440E NT/4	25831	1480 mm	4050 mm	9 x 1.5 + 4 x 0.75 mm ²	21,5 kg
TF 445E NT/4	25832	1660 mm	4700 mm	9 x 1.5 + 4 x 0.75 mm ²	23,5 kg
TF 453E NT/4	25833	1830 mm	5395 mm	9 x 1.5 + 4 x 0.75 mm ²	27,0 kg
TF 460E NT/4	25834	2030 mm	6000 mm	9 x 1.5 + 4 x 0.75 mm ²	29,0 kg
5 SECTION MASTS					
TF 432E NT/5	25768	1025 mm	3100 mm	9 x 1.5 + 4 x 0.75 mm ²	20,0 kg
TF 440E NT/5	25769	1275 mm	4000 mm	9 x 1.5 + 4 x 0.75 mm ²	22,0 kg
TF 445E NT/5	25770	1445 mm	4600 mm	9 x 1.5 + 4 x 0.75 mm ²	24,0 kg
TF 453E NT/5	25771	1670 mm	5300 mm	9 x 1.5 + 4 x 0.75 mm ²	26,0 kg
TF 460E NT/5	25772	1820 mm	5950 mm	9 x 1.5 + 4 x 0.75 mm ²	29,0 kg
TF 470E NT/5	25774	2000 mm	7000 mm	9 x 1.5 + 4 x 0.75 mm ²	30,0 kg

* All 4 section masts can be equipped with a S-STP/micro coax cable, suitable for video & audio applications.

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. 14049/SG



Lower Mounting Bracket

Cat. No. 14050/SG

Internal mounting



Roof Bearing

Cat. No. 27624/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
26890	3 x 70 Watt HP Sodium*	12	18,8	19.500
26895	3 x 70 Watt HP Sodium*	24	10,5	19.500
26900	3 x 70 Watt Metal Halide*	12	19,5	15.000
26905	3 x 70 Watt Metal Halide*	24	11,1	15.000
26910	3 x 35 Watt Xenon	12	8,8	10.500
26915	3 x 35 Watt Xenon	24	4,4	10.500
26925	3 x 100 Watt Xenophot*	12	25,0	10.800
26940	3 x 150 Watt Xenophot*	24	18,8	18.000
26930	3 x 200 Watt Xenophot*	12	50,0	21.600
26945	3 x 300 Watt Xenophot*	24	37,5	36.000
26950	3 x 500 Watt Halogen*	230	6,5	28.500
26953	3 x 750 Watt Halogen*	230	9,8	49.500
26955	3 x 1000 Watt Halogen*	230	13,0	66.000
26960	3 x 1500 Watt Halogen*	230	19,6	108.000
26965	3 x 250 Watt HP Sodium	24	34,5	81.000
26970	3 x 400 Watt HP Sodium*	230	13,5	165.000
26975	3 x 400 Watt Metal Halide*	230	13,5	99.000
35741	3 x 55 Watt SMD-LED*	12	15,9	16.500
35746	3 x 55 Watt SMD-LED*	24	7,2	16.500

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

Cat. No.	Model	Volt	Ampere	Lumens
26980	3 x 70 Watt HP Sodium*	12	18,8	19.500
26985	3 x 70 Watt HP Sodium*	24	10,5	19.500
26990	3 x 70 Watt Metal Halide*	12	19,5	15.000
26995	3 x 70 Watt Metal Halide*	24	11,1	15.000
27000	3 x 35 Watt Xenon	12	8,8	10.500
27005	3 x 35 Watt Xenon	24	4,4	10.500
27015	3 x 100 Watt Xenophot*	12	25,0	10.800
27030	3 x 150 Watt Xenophot*	24	18,8	18.000
27020	3 x 200 Watt Xenophot*	12	50,0	21.600
27035	3 x 300 Watt Xenophot*	24	37,5	36.000
27040	3 x 500 Watt Halogen*	230	6,5	28.500
27043	3 x 750 Watt Halogen*	230	9,8	49.500
27045	3 x 1000 Watt Halogen*	230	13,0	66.000
27050	3 x 1500 Watt Halogen*	230	19,6	108.000
27055	3 x 250 Watt HP Sodium	24	34,5	81.000
27060	3 x 400 Watt HP Sodium*	230	13,5	165.000
27065	3 x 400 Watt Metal Halide*	230	13,5	99.000
35751	3 x 55 Watt SMD-LED*	12	15,9	16.500
35756	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 3 x 35 Watt Xenon*



Model 3 x 70 Watt HP Sodium*



* 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, 4 lamps mounted above plate *

Cat. No.	Model	Volt	Ampere	Lumens
27070	4 x 70 Watt HP Sodium*	12	25,0	26.000
27075	4 x 70 Watt HP Sodium*	24	14,0	26.000
27080	4 x 70 Watt Metal Halide*	12	26,0	20.000
27085	4 x 70 Watt Metal Halide*	24	14,8	20.000
27090	2 x 70 Watt HP Sodium + 2 x 70 Watt Metal Halide*	12	25,6	23.000
27095	2 x 70 Watt HP Sodium + 2 x 70 Watt Metal Halide*	24	14,4	23.000
27100	4 x 35 Watt Xenon + DC-DC Power Converter	12	11,7	14.000
27105	4 x 35 Watt Xenon	24	5,9	14.000
27115	4 x 100 Watt Xenophot*	12	33,4	14.400
27125	4 x 150 Watt Xenophot*	24	25,0	24.000
27130	4 x 300 Watt Xenophot*	24	50,0	48.000
27135	4 x 500 Watt Halogen*	230	8,7	38.000
27138	4 x 750 Watt Halogen*	230	13,0	66.000
27140	4 x 1000 Watt Halogen*	230	17,4	88.000
27145	4 x 1500 Watt Halogen*	230	26,2	144.000
27150	4 x 250 Watt HP Sodium	24	46,0	108.000
27155	4 x 400 Watt HP Sodium*	230	18,0	220.000
27160	4 x 400 Watt Metal Halide*	230	18,0	132.000
27165	2 x 400 Watt HP Sodium + 2 x 400 Watt Metal Halide*	230	18,0	176.000
35761	4 x 55 Watt SMD-LED*	12	21,2	22.000
35766	4 x 55 Watt SMD-LED*	24	9,6	22.000

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

Cat. No.	Model	Volt	Ampere	Lumens
27170	4 x 70 Watt HP Sodium*	12	25,0	26.000
27175	4 x 70 Watt HP Sodium*	24	14,0	26.000
27180	4 x 70 Watt Metal Halide*	12	26,0	20.000
27185	4 x 70 Watt Metal Halide*	24	14,8	20.000
27190	2 x 70 Watt HP Sodium + 2 x 70 Watt Metal Halide*	12	25,6	23.000
27195	2 x 70 Watt HP Sodium + 2 x 70 Watt Metal Halide*	24	14,4	23.000
27200	4 x 35 Watt Xenon + DC-DC Power Converter	12	11,7	14.000
27205	4 x 35 Watt Xenon	24	5,9	14.000
27215	4 x 100 Watt Xenophot*	12	33,4	14.400
27225	4 x 150 Watt Xenophot*	24	25,0	24.000
27230	4 x 300 Watt Xenophot*	24	50,0	48.000
27235	4 x 500 Watt Halogen*	230	8,7	38.000
27238	4 x 750 Watt Halogen*	230	13,0	66.000
27240	4 x 1000 Watt Halogen*	230	17,4	88.000
27245	4 x 1500 Watt Halogen*	230	26,2	144.000
27250	4 x 250 Watt HP Sodium	24	46,0	108.000
27255	4 x 400 Watt HP Sodium*	230	18,0	220.000
27260	4 x 400 Watt Metal Halide*	230	18,0	132.000
27265	2 x 400 Watt HP Sodium + 2 x 400 Watt Metal Halide*	230	18,0	176.000
35771	4 x 55 Watt SMD-LED*	12	21,2	22.000
35776	4 x 55 Watt SMD-LED*	24	9,6	22.000

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

Model 4 x 1500 Watt Halogen **



Model 4 x 300 Watt Xenophot **



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.

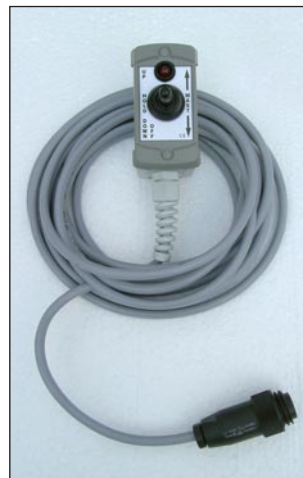
Using the vehicle battery power



“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.



Remote Control for “TekAir” Compressor Model 40/50

The complete remote control set is delivered with 5 metre cable and connection plug.

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

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



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 9001:2008 CE

PP 1362/E NV MM 01/01/14



TF 400E T Series

Turnable heavy-duty mast lighting systems

Teklite TF 400E 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 400E T series of mast lighting systems are especially designed for directional lighting applications with thousands of references over the whole world. Ideal for fitting to medium size or heavy fire vehicles.



MOBILE, PORTABLE & EMERGENCY LIGHTING

Mast specifications

Technical details



1 Mast top assembly with 4 x PG13,5 cable gland fitted to keyed mast sections



2 Standard natural clear anodised seamless drawn aluminium mast sections with 114 mm base tube and mast rotation handle



3 360° turnable cardan mast base with air connection, overpressure/drain valve and rotation brake



4 Standard pre-mounted and connected warning switch



5 Mast top shroud to protect the keyed mast sections



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

TF 400E T Series mast models (Class II approved)

Model	Cat. No.	Retracted height	Extended height	Internal cable	Weight of mast
4 SECTION MASTS *					
TF 432E T/4	25835	1230 mm	3140 mm	9 x 1.5 + 4 x 0.75 mm ²	21,0 kg
TF 440E T/4	25836	1480 mm	4050 mm	9 x 1.5 + 4 x 0.75 mm ²	23,5 kg
TF 445E T/4	25837	1660 mm	4700 mm	9 x 1.5 + 4 x 0.75 mm ²	25,5 kg
TF 453E T/4	25838	1830 mm	5395 mm	9 x 1.5 + 4 x 0.75 mm ²	29,0 kg
TF 460E T/4	25839	2030 mm	6000 mm	9 x 1.5 + 4 x 0.75 mm ²	31,0 kg
5 SECTION MASTS					
TF 432E T/5	25778	1025 mm	3100 mm	9 x 1.5 + 4 x 0.75 mm ²	22,0 kg
TF 440E T/5	25779	1275 mm	4000 mm	9 x 1.5 + 4 x 0.75 mm ²	24,0 kg
TF 445E T/5	25780	1445 mm	4600 mm	9 x 1.5 + 4 x 0.75 mm ²	26,0 kg
TF 453E T/5	25781	1670 mm	5300 mm	9 x 1.5 + 4 x 0.75 mm ²	30,0 kg
TF 460E T/5	25782	1820 mm	5950 mm	9 x 1.5 + 4 x 0.75 mm ²	32,0 kg
TF 470E T/5	25784	2000 mm	7000 mm	9 x 1.5 + 4 x 0.75 mm ²	33,0 kg

* All 4 section masts can be equipped with a S-STP/micro coax cable, suitable for video & audio applications.

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. 14049/SG



Lower Mounting Bracket

Cat. No. 14050/SG

Internal mounting



Roof Bearing

Cat. No. 14048/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
26435	2 x 70 Watt HP Sodium*	12	12,5	13.000
26440	2 x 70 Watt HP Sodium*	24	7,0	13.000
26445	2 x 70 Watt Metal Halide*	12	13,0	10.000
26450	2 x 70 Watt Metal Halide*	24	7,4	10.000
26455	1 x 70 Watt HP Sodium + 1 x 70 Watt Metal Halide*	12	12,8	11.500
26460	1 x 70 Watt HP Sodium + 1 x 70 Watt Metal Halide*	24	7,2	11.500
26465	2 x 35 Watt Xenon	12	5,9	7.000
26470	2 x 35 Watt Xenon	24	3,0	7.000
26475	2 x 100 Watt Xenophot*	12	16,7	7.200
26485	2 x 150 Watt Xenophot*	24	12,5	12.000
26480	2 x 200 Watt Xenophot*	12	33,4	14.400
26490	2 x 300 Watt Xenophot*	24	25,0	24.000
26495	2 x 500 Watt Halogen*	230	4,4	19.000
26498	2 x 750 Watt Halogen*	230	6,5	33.000
26500	2 x 1000 Watt Halogen*	230	8,7	44.000
26505	2 x 1500 Watt Halogen*	230	13,0	72.000
26510	2 x 250 Watt HP Sodium	24	23,0	54.000
26515	2 x 400 Watt HP Sodium*	230	9,0	110.000
26520	2 x 400 Watt Metal Halide*	230	9,0	66.000
26525	1 x 400 Watt HP Sodium + 1 x 400 Watt Metal Halide*	230	9,0	88.000
35851	2 x 55 Watt SMD-LED*	12	10,6	11.000
35856	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
26530	2 x 70 Watt HP Sodium*	12	12,5	13.000
26535	2 x 70 Watt HP Sodium*	24	7,0	13.000
26540	2 x 70 Watt Metal Halide*	12	13,0	10.000
26545	2 x 70 Watt Metal Halide*	24	7,4	10.000
26550	1 x 70 Watt HP Sodium + 1 x 70 Watt Metal Halide*	12	12,8	11.500
26555	1 x 70 Watt HP Sodium + 1 x 70 Watt Metal Halide*	24	7,2	11.500
26560	2 x 35 Watt Xenon	12	5,9	7.000
26565	2 x 35 Watt Xenon	24	3,0	7.000
26570	2 x 100 Watt Xenophot*	12	16,7	7.200
26580	2 x 150 Watt Xenophot*	24	12,5	12.000
26575	2 x 200 Watt Xenophot*	12	33,4	14.400
26585	2 x 300 Watt Xenophot*	24	25,0	24.000
26590	2 x 500 Watt Halogen*	230	4,4	19.000
26593	2 x 750 Watt Halogen*	230	6,5	33.000
26595	2 x 1000 Watt Halogen*	230	8,7	44.000
26600	2 x 1500 Watt Halogen*	230	13,0	72.000
26605	2 x 250 Watt HP Sodium	24	23,0	54.000
26610	2 x 400 Watt HP Sodium*	230	9,0	110.000
26615	2 x 400 Watt Metal Halide*	230	9,0	66.000
26620	1 x 400 Watt HP Sodium + 1 x 400 Watt Metal Halide*	230	9,0	88.000
35861	2 x 55 Watt SMD-LED*	12	10,6	11.000
35866	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
26625	3 x 70 Watt HP Sodium*	12	18,8	19.500
26630	3 x 70 Watt HP Sodium*	24	10,5	19.500
26635	3 x 70 Watt Metal Halide*	12	19,5	15.000
26640	3 x 70 Watt Metal Halide*	24	11,1	15.000
26645	3 x 35 Watt Xenon	12	8,8	10.500
26650	3 x 35 Watt Xenon	24	4,4	10.500
26655	3 x 100 Watt Xenophot*	12	25,0	10.800
26665	3 x 150 Watt Xenophot*	24	18,8	18.000
26660	3 x 200 Watt Xenophot*	12	50,0	21.600
26670	3 x 300 Watt Xenophot*	24	37,5	36.000
26675	3 x 500 Watt Halogen*	230	6,5	28.500
26678	3 x 750 Watt Halogen*	230	9,8	49.500
26680	3 x 1000 Watt Halogen*	230	13,0	66.000
26685	3 x 1500 Watt Halogen*	230	19,6	108.000
26690	3 x 250 Watt HP Sodium	24	34,5	81.000
26695	3 x 400 Watt HP Sodium*	230	13,5	165.000
26700	3 x 400 Watt Metal Halide*	230	13,5	99.000
35871	3 x 55 Watt SMD-LED*	12	15,9	16.500
35876	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.



* 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
26705	3 x 70 Watt HP Sodium*	12	18,8	19.500
26710	3 x 70 Watt HP Sodium*	24	10,5	19.500
26715	3 x 70 Watt Metal Halide*	12	19,5	15.000
26720	3 x 70 Watt Metal Halide*	24	11,1	15.000
26725	3 x 35 Watt Xenon	12	8,8	10.500
26730	3 x 35 Watt Xenon	24	4,4	10.500
26735	3 x 100 Watt Xenophot*	12	25,0	10.800
26745	3 x 150 Watt Xenophot*	24	18,8	18.000
26740	3 x 200 Watt Xenophot*	12	50,0	21.600
26750	3 x 300 Watt Xenophot*	24	37,5	36.000
26755	3 x 500 Watt Halogen*	230	6,5	28.500
26758	3 x 750 Watt Halogen*	230	9,8	49.500
26760	3 x 1000 Watt Halogen*	230	13,0	66.000
35881	3 x 55 Watt SMD-LED*	12	15,9	16.500
35886	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
26765	4 x 70 Watt HP Sodium*	12	25,0	26.000
26770	4 x 70 Watt HP Sodium*	24	14,0	26.000
26775	4 x 70 Watt Metal Halide*	12	26,0	20.000
26780	4 x 70 Watt Metal Halide*	24	14,8	20.000
26785	2 x 70 Watt HP Sodium + 2 x 70 Watt Metal Halide*	12	25,6	23.000
26790	2 x 70 Watt HP Sodium + 2 x 70 Watt Metal Halide*	24	14,4	23.000
26795	4 x 35 Watt Xenon + DC-DC Power Converter	12	11,7	14.000
26800	4 x 35 Watt Xenon	24	5,9	14.000
26805	4 x 100 Watt Xenophot*	12	33,4	14.400
26810	4 x 150 Watt Xenophot*	24	25,0	24.000
26815	4 x 300 Watt Xenophot*	24	50,0	48.000
26820	4 x 500 Watt Halogen*	230	8,7	38.000
26823	4 x 750 Watt Halogen*	230	13,0	66.000
26825	4 x 1000 Watt Halogen*	230	17,4	88.000
26830	4 x 1500 Watt Halogen*	230	26,2	144.000
26835	4 x 250 Watt HP Sodium	24	46,0	108.000
26840	4 x 400 Watt HP Sodium*	230	18,0	220.000
26845	4 x 400 Watt HP Metal Halide*	230	18,0	132.000
26850	2 x 400 Watt HP Sodium + 2 x 400 Watt Metal Halide*	230	18,0	176.000
35891	4 x 55 Watt SMD-LED*	12	21,2	22.000
35896	4 x 55 Watt SMD-LED*	24	9,6	22.000

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

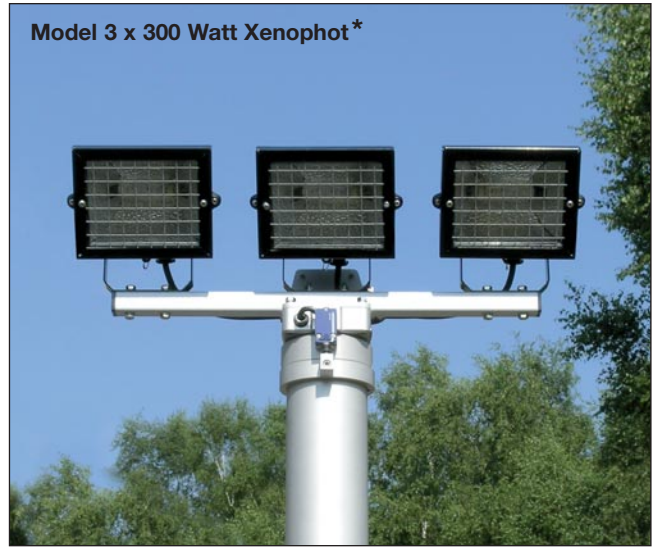
Cat. No.	Model	Volt	Ampere	Lumens
26855	5 x 70 Watt HP Sodium*	24	17,5	32.500
26860	5 x 70 Watt Metal Halide*	24	18,5	25.000
26865	5 x 35 Watt Xenon	24	7,3	17.500
26870	5 x 100 Watt Xenophot*	12	41,7	18.000
26875	5 x 150 Watt Xenophot*	24	31,3	30.000
26880	5 x 500 Watt Halogen*	230	10,8	47.500
26883	5 x 750 Watt Halogen*	230	16,3	82.500
26885	5 x 1000 Watt Halogen*	230	21,8	110.000
35901	5 x 55 Watt SMD-LED*	12	26,5	27.500
35906	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 70 Watt HP Sodium



Model 3 x 300 Watt Xenophot*



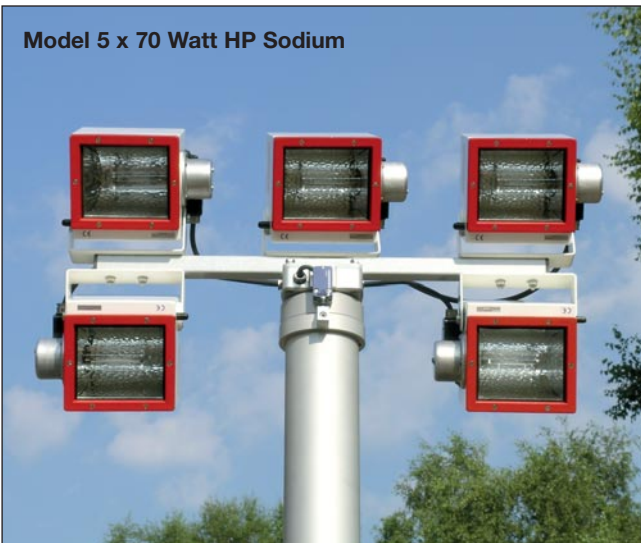
Model 4 x 35 Watt Xenon*



Model 4 x 1500 Watt Halogen**



Model 5 x 70 Watt HP Sodium



Model 5 x 1000 Watt Halogen*



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 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



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 9001:2008 CE



TF 400E T Series with tilt unit

Turnable heavy-duty mast lighting systems with tilt unit

Teklite TF 400E T lighting system with turnable air-operated telescopic mast, keyed mast sections, tilt unit, internal spiral cable and lamps either 12/24 volt powered by the vehicle battery or 110/230 volt generator powered.



The Teklite TF 400E T series of mast lighting systems with tilt unit are especially designed for directional lighting applications where the angle of elevation of the floodlights can be remotely adjusted. Ideal for fitting to medium size or heavy fire vehicles.

MOBILE, PORTABLE & EMERGENCY LIGHTING

Mast specifications

Technical details



1 Mast top assembly with 4 x PG13,5 cable gland fitted to keyed mast sections

2 Standard natural clear anodised seamless drawn aluminium mast sections with 114 mm base tube and mast rotation handle

3 360° turnable cardan mast base with air connection, overpressure/drain valve and rotation brake

4 Standard pre-mounted and connected warning switch

5 Mast top shroud to protect the keyed mast sections

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

TF 400E T Series mast models (Class II approved)

Model	Cat. No.	Retracted height	Extended height	Internal cable	Weight of mast
4 SECTION MASTS *					
TF 432E T/4*	25835	1230 mm	3140 mm	9 x 1.5 + 4 x 0.75 mm ²	21,0 kg
TF 440E T/4*	25836	1480 mm	4050 mm	9 x 1.5 + 4 x 0.75 mm ²	23,5 kg
TF 445E T/4*	25837	1660 mm	4700 mm	9 x 1.5 + 4 x 0.75 mm ²	25,5 kg
TF 453E T/4*	25838	1830 mm	5395 mm	9 x 1.5 + 4 x 0.75 mm ²	29,0 kg
TF 460E T/4*	25839	2030 mm	6000 mm	9 x 1.5 + 4 x 0.75 mm ²	31,0 kg
5 SECTION MASTS					
TF 432E T/5	25778	1025 mm	3100 mm	9 x 1.5 + 4 x 0.75 mm ²	22,0 kg
TF 440E T/5	25779	1275 mm	4000 mm	9 x 1.5 + 4 x 0.75 mm ²	24,0 kg
TF 445E T/5	25780	1445 mm	4600 mm	9 x 1.5 + 4 x 0.75 mm ²	26,0 kg
TF 453E T/5	25781	1670 mm	5300 mm	9 x 1.5 + 4 x 0.75 mm ²	30,0 kg
TF 460E T/5	25782	1820 mm	5950 mm	9 x 1.5 + 4 x 0.75 mm ²	32,0 kg
TF 470E T/5	25784	2000 mm	7000 mm	9 x 1.5 + 4 x 0.75 mm ²	33,0 kg

* All 4 section masts can be equipped with a S-STP/micro coax cable, suitable for video & audio applications.

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. 14049/SG



Lower Mounting Bracket

Cat. No. 14050/SG

Internal mounting



Roof Bearing

Cat. No. 14048/SG

Lamp choice

- * Lamp & tilt unit combination available with beacon & bracket (option). Put a "B" after the **tilt unit cat. no.** for ordering purposes.
- * Lamp & tilt unit combination available with lamp protection guard (option). Put a "P" after the **lamp unit cat. no.** for ordering purposes.

Double lamp unit, 2 lamps mounted on tilt unit

Cat. No.	Model	Volt	Ampere	Lumens
25273/T	2 x 70 Watt HP Sodium**	12	12,5	13.000
25274/T	2 x 70 Watt HP Sodium**	24	7,0	13.000
25275/T	2 x 70 Watt Metal Halide**	12	13,0	10.000
25276/T	2 x 70 Watt Metal Halide**	24	7,4	10.000
27280/T	1 x 70 Watt HPS + 1 x 70 Watt MH**	12	12,8	11.500
27285/T	1 x 70 Watt HPS + 1 x 70 Watt MH**	24	7,2	11.500
27290/T	2 x 35 Watt Xenon*	12	5,9	7.000
25268/T	2 x 35 Watt Xenon*	24	3,0	7.000
25277/T	2 x 100 Watt Xenophot**	12	16,7	7.200
25278/T	2 x 150 Watt Xenophot**	24	12,5	12.000
27295/T	2 x 200 Watt Xenophot**	12	33,4	14.400
27300/T	2 x 300 Watt Xenophot**	24	25,0	24.000
25279/T	2 x 500 Watt Halogen**	230	4,4	19.000
27301/T	2 x 750 Watt Halogen**	230	6,5	33.000
25280/T	2 x 1000 Watt Halogen**	230	8,7	44.000
25860/T	2 x 1500 Watt Halogen**	230	13,0	72.000
25108/T	2 x 250 Watt HP Sodium*	24	23,0	54.000
27315/T	2 x 400 Watt HP Sodium**	230	9,0	110.000
27320/T	2 x 400 Watt Metal Halide**	230	9,0	66.000
27325/T	1 x 400 Watt HPS + 1 x 400 Watt MH**	230	9,0	88.000
35911/T	2 x 55 Watt SMD-LED**	12	10,6	11.000
35916/T	2 x 55 Watt SMD-LED**	24	4,8	11.000



Quadruple lamp unit, 4 lamps mounted on tilt unit

Cat. No.	Model	Volt	Ampere	Lumens
27330/T	4 x 70 Watt HP Sodium*	12	25,0	26.000
27335/T	4 x 70 Watt HP Sodium**	24	14,0	26.000
27340/T	4 x 70 Watt Metal Halide*	12	26,0	20.000
27345/T	4 x 70 Watt Metal Halide**	24	14,8	20.000
27350/T	2 x 70 Watt HPS + 2 x 70 Watt MH*	12	25,6	23.000
27355/T	2 x 70 Watt HPS + 2 x 70 Watt MH**	24	14,4	23.000
27360/T	4 x 35 Watt Xenon* + Converter	12	11,7	14.000
25269/T	4 x 35 Watt Xenon*	24	5,9	14.000
25515/T	4 x 100 Watt Xenophot**	12	33,4	14.400
25281/T	4 x 150 Watt Xenophot**	24	25,0	24.000
27365/T	4 x 300 Watt Xenophot*	24	50,0	48.000
25282/T	4 x 500 Watt Halogen**	230	8,7	38.000
27366/T	4 x 750 Watt Halogen**	230	13,0	66.000
25283/T	4 x 1000 Watt Halogen**	230	17,4	88.000
25861/T	4 x 1500 Watt Halogen**	230	26,2	144.000
27375/T	4 x 250 Watt HP Sodium	24	46,0	108.000
27380/T	4 x 400 Watt HP Sodium**	230	18,0	220.000
27385/T	4 x 400 Watt Metal Halide**	230	18,0	132.000
27390/T	2 x 400 Watt HPS + 2 x 400 Watt MH**	230	18,0	176.000
35921/T	4 x 55 Watt SMD-LED**	12	21,2	22.000
35926/T	4 x 55 Watt SMD-LED**	24	9,6	22.000



Hextuple lamp unit, 6 lamps mounted on tilt unit

Cat. No.	Model	Volt	Ampere	Lumens
33425/T	6 x 35 Watt Xenon*	24	9,0	21.000
33435/T	6 x 500 Watt Halogen**	230	13,0	57.000
33440/T	6 x 750 Watt Halogen**	230	19,6	99.000
33445/T	6 x 1000 Watt Halogen**	230	26,0	132.000
35931/T	6 x 55 Watt SMD-LED**	12	31,8	33.000
35936/T	6 x 55 Watt SMD-LED**	24	14,4	33.000

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 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

Tilt Unit with remote control



Horizontal Tilt Unit Models

Model 12 volt	Cat. No. 27409
Model 24 volt	Cat. No. 27410
Tilting angle : 110°	



Tilt Unit Remote Control

Model 12/24 volt	Cat. No. 27413
------------------	----------------



Vertical Tilt Unit Models

Model 12 volt	Cat. No. 27411
Model 24 volt	Cat. No. 27412
Tilting angle : 110°	

NOTE :

Combined remote control for compressor & tilt unit is available on request.



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 9001:2008 CE



TF 400XE - “*Basic Plus*” Light Robot Series

Heavy-duty mast robot lighting systems

Completely remote controlled lighting system
for TF 400XE series of masts.

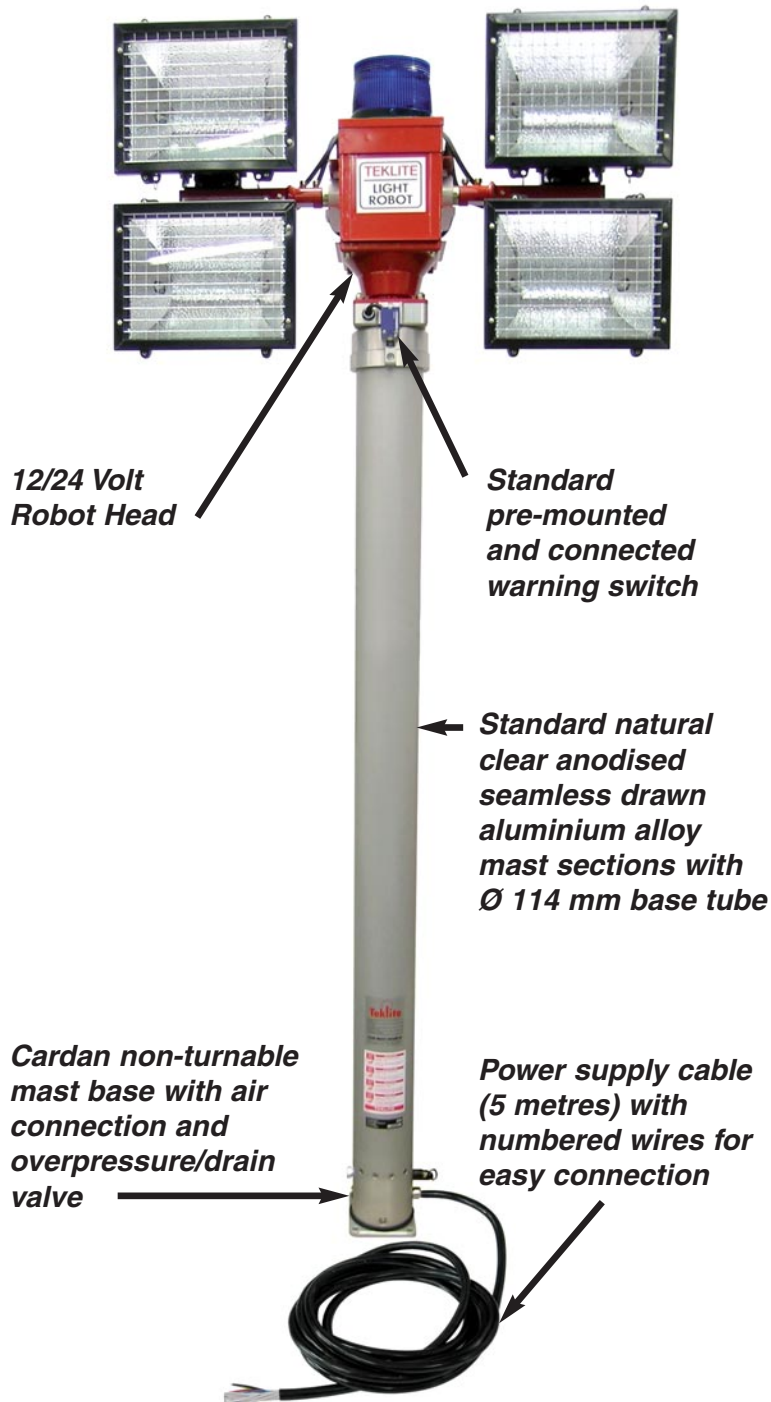
Light Robot’s features

- *Compact construction*
- *Easy to install*
- *Simple to use*
- *Choice of different lamp types*



MOBILE, PORTABLE & EMERGENCY LIGHTING

Amazingly easy to operate !



Functions

- To extend the mast
- To switch the lighting left (lights 1) and right (lights 2) "on" and "off"
- Beacon switch
- To turn and tilt the lamps in any direction
- Automatic return to the retracted position (also when releasing the handbrake)



CABLE REMOTE CONTROL-LV

Here are the features that make fitting and operating this system so easy:

1. Electric system powered from the 12/24 volt vehicle battery and controlled by cable remote control.
2. It is possible to operate the mast robot lighting system with a single or double cable remote control.
3. When the operation is over, a simple push on the button "↓" turns the lamps to the stowage position and retracts the mast. This cycle may also be automatically started by the release of the vehicle handbrake.
4. Air-operated telescopic mast based on proven TF 400 series.
5. Robot Lighting Head tilts maximum 315° downwards in only one direction starting from zero position and turns 360° to the right in only one direction starting from zero position, at the touch of a button.
6. Lamps can be either 12/24 volt or 110/230 volt if there is a generator on board.
7. All Mast Robot Lighting Systems are also available with deadman function.
Put "DF" after the **control/junction unit cat. no.** for ordering purposes.

Technical specifications Light Robot Series with TF 400XE masts

MAST ROBOT LIGHTING SYSTEM SPEC.

TF 400XE mast	: Anodised aluminium alloy sections (Ø 114 mm base tube)
Warning switch	: Standard pre-mounted and connected
TF 400XE "Basic Plus" Robot Head	: 12 or 24 volt
Lamp choice	: HPS, MH, Halogen, Xenophot, Xenon or SMD-LED
Remote control	: Push button model
Control/Junction unit "Basic Plus"	: 12 or 24 volt
Air supply	: Compressor, Air Pressure Regulator or Air Pressure Valve Kit
Max. air pressure	: 1.8 bar
Options	: FireCAN & CANopen Interfaces available on request

TF 400XE MAST MODELS (Class II approved)

TF 400XE Series masts			
Model	Cat. No.	Retracted height	Extended height
4 section masts*			
TF 432XE/4*	25745	1230 mm	3140 mm
TF 440XE/4*	25746	1480 mm	4050 mm
TF 445XE/4*	25747	1660 mm	4700 mm
TF 453XE/4*	25748	1830 mm	5395 mm
TF 460XE/4*	25749	2030 mm	6000 mm
5 section masts			
TF 432XE/5	25760	1025 mm	3100 mm
TF 440XE/5	25761	1275 mm	4000 mm
TF 445XE/5	25762	1445 mm	4600 mm
TF 453XE/5	25763	1670 mm	5300 mm
TF 460XE/5	25764	1820 mm	5950 mm
TF 470XE/5	25766	2000 mm	7000 mm
6 section masts			
TF 453XE/6	34392	1450 mm	5300 mm

LAMP UNIT CHOICE

Lamps can be supplied in 12, 24, 110 or 230 volt.



All robot heads are available with beacon (option). Put a "B" after the robot head 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.

PERFORMANCE (to tilt and turn lamps)

Turning speed	Time
Horizontal turning speed at 180°	15 sec.
Vertical turning speed at 90°	5 sec.

Mast Lighting Robots are the most advanced, automatic lighting systems of the Teklite range.

They have features which make them suitable for medium or heavy size vehicles. One of the most attractive reasons to use a Light Robot is that it is installed with minimum work.

The telescopic mast of the mast robot lighting system can be fed by either :

1. the air compressor or
2. the air pressure tank of the vehicle.



* All 4 section masts can be equipped with a S-STP/micro coax cable, suitable for video & audio applications.

Cat. No.	Model	Volt	Ampere	Lumens
25273	2 x 70 Watt HP Sodium*	12	12,5	13.000
25274	2 x 70 Watt HP Sodium*	24	7,0	13.000
25275	2 x 70 Watt Metal Halide*	12	13,0	10.000
25276	2 x 70 Watt Metal Halide*	24	7,4	10.000
27280	1 x 70 W HPS + 1 x 70 W MH*	12	12,8	11.500
27285	1 x 70 W HPS + 1 x 70 W MH*	24	7,2	11.500
25268	2 x 35 Watt Xenon	24	3,0	7.000
25277	2 x 100 Watt Xenophot*	12	16,7	7.200
25278	2 x 150 Watt Xenophot*	24	12,5	12.000
27300	2 x 300 Watt Xenophot*	24	25,0	24.000
25279	2 x 500 Watt Halogen*	230	4,4	19.000
27301	2 x 750 Watt Halogen*	230	6,5	33.000
25280	2 x 1000 Watt Halogen*	230	8,7	44.000
25860	2 x 1500 Watt Halogen*	230	13,0	72.000
25108	2 x 250 Watt HP Sodium	24	23,0	54.000
27315	2 x 400 Watt HP Sodium*	230	9,0	110.000
27320	2 x 400 Watt Metal Halide*	230	9,0	66.000
27325	1 x 400 W HPS + 1 x 400 W MH*	230	9,0	88.000
35911	2 x 55 Watt SMD-LED*	12	10,6	11.000
35916	2 x 55 Watt SMD-LED*	24	4,8	11.000
27335	4 x 70 Watt HP Sodium*	24	14,0	26.000
27345	4 x 70 Watt Metal Halide*	24	14,8	20.000
27355	2 x 70 W HPS + 2 x 70 W MH*	24	14,4	23.000
25269	4 x 35 Watt Xenon	24	5,9	14.000
25281	4 x 150 Watt Xenophot*	24	25,0	24.000
25282	4 x 500 Watt Halogen*	230	8,7	38.000
27366	4 x 750 Watt Halogen*	230	13,0	66.000
25283	4 x 1000 Watt Halogen*	230	17,4	88.000
25861	4 x 1500 Watt Halogen*	230	26,2	144.000
27380	4 x 400 Watt HP Sodium*	230	18,0	220.000
27385	4 x 400 Watt Metal Halide*	230	18,0	132.000
27390	2 x 400 W HPS + 2 x 400 W MH*	230	18,0	176.000
35921	4 x 55 Watt SMD-LED*	12	21,2	22.000
35926	4 x 55 Watt SMD-LED*	24	9,6	22.000
33425	6 x 35 Watt Xenon	24	9,0	21.000
33435	6 x 500 Watt Halogen*	230	13,0	57.000
33440	6 x 750 Watt Halogen*	230	19,6	99.000
33445	6 x 1000 Watt Halogen*	230	26,0	132.000
35931	6 x 55 Watt SMD-LED*	12	31,8	33.000
35936	6 x 55 Watt SMD-LED*	24	14,4	33.000

Technical specifications Light Robot Series with TF 400XE masts

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. 14049/SG



Lower Mounting Bracket

Cat. No. 14050/SG

Internal mounting



Roof Bearing

Cat. No. 27624/SG

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

Oil-free piston air compressor, completely maintenance-free.

Models with NO Valve

Model 40/50, 12 volt Cat. No. 33652

Model 40/50, 24 volt Cat. No. 33653

Using the vehicle air pressure system



Air Pressure Regulator Unit

Combined unit consisting of valves, manometer, pressure switch and pressure regulator.

Models

APR Unit, 12 volt Cat. No. 25578

APR Unit, 24 volt Cat. No. 25579



Air Pressure Valve Kit

Kit consisting of loose valves, manometer and pressure regulator.

Models

APV Kit, 12 volt Cat. No. 27838

APV Kit, 24 volt Cat. No. 27839

MAST LIGHTING ROBOT HEAD WITH CONTROL/JUNCTION UNIT & REMOTE CONTROL



Robot Head “Basic Plus”

Model 12V Cat. No. 34020

Model 24V Cat. No. 34021



Control/Junction Unit “Basic Plus”

Model 12V Cat. No. 27719

Model 24V Cat. No. 27720



Cable Remote Control-LV

Cat. No. 27731

1,25 metre spiral cable + 10 metres linear cable

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

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 9001:2008 CE



TF 400XE - “Comfort” Light Robot Series

Heavy-duty mast robot lighting systems

Completely remote controlled lighting system for TF 400XE series of masts.

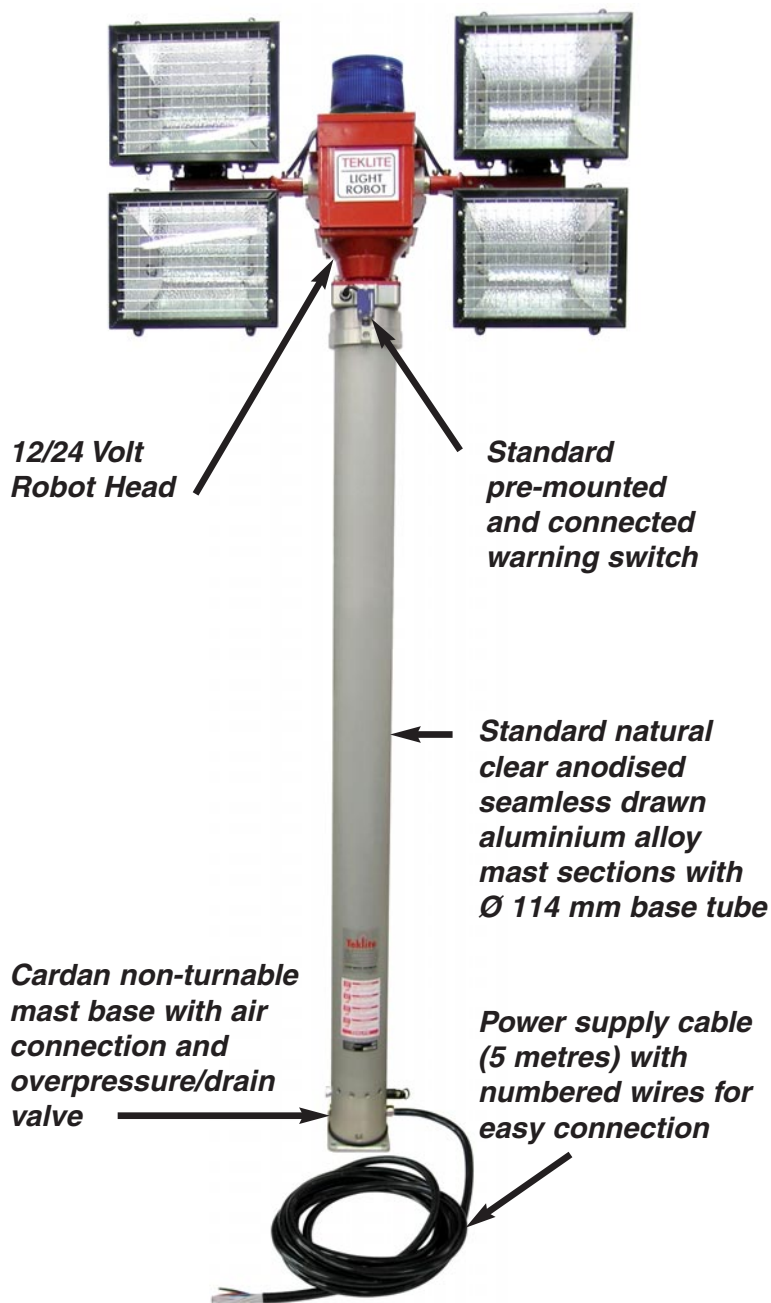
Light Robot’s features

- *Compact construction*
- *Easy to install*
- *Simple to use*
- *Choice of different lamp types*



MOBILE, PORTABLE & EMERGENCY LIGHTING

Amazingly easy to operate !



Functions

- To extend the mast
- To switch the lighting left (lights 1) and right (lights 2) "on" and "off"
- Beacon switch
- To turn and tilt the lamps in any direction
- Automatic return to the retracted position (also when releasing the handbrake)



Here are the features that make fitting and operating this system so easy:

1. Electric system powered from the 12/24 volt vehicle battery and controlled by cable remote control.
2. It is possible to operate the mast robot lighting system with a single or double cable remote control, with or without RF remote control.
3. When the operation is over, a simple push of the button "mast down/park" turns the lamps to the stowage position and retracts the mast. This cycle may also be automatically started by the release of the vehicle handbrake.
4. Air-operated telescopic mast based on proven TF 400 series.
5. Robot lighting head tilts maximum 90° down and 180° up starting from zero position. The robot head turns also 180° to the left and 180° to the right starting from zero position, at the touch of a button.
6. Lamps can be either 12/24 volt or 110/230 volt if there is a generator on board.
7. All Mast Robot Lighting Systems are also available with deadman function for the push button "mast up/raise". Put "DF" after the control/junction unit cat. no. for ordering purposes.

Technical specifications Light Robot Series with TF 400XE masts

MAST ROBOT LIGHTING SYSTEM SPEC.

TF 400XE mast	: Anodised aluminium alloy sections (Ø 114 mm base tube)
Warning switch	: Standard pre-mounted and connected
TF 400XE "Comfort" Robot Head	: 12 or 24 volt
Lamp choice	: HPS, MH, Halogen, Xenophot, Xenon or SMD-LED
Remote control	: Push button models + RF model (option)
Control/Junction unit "Comfort"	: 12 or 24 volt
Air supply	: Compressor, Air Pressure Regulator or Air Pressure Valve Kit
Max. air pressure	: 1.8 bar
Options	: FireCAN & CANopen Interfaces available on request

TF 400XE MAST MODELS (Class II approved)

TF 400XE Series masts			
Model	Cat. No.	Retracted height	Extended height
4 section masts*			
TF 432XE/4*	25745	1230 mm	3140 mm
TF 440XE/4*	25746	1480 mm	4050 mm
TF 445XE/4*	25747	1660 mm	4700 mm
TF 453XE/4*	25748	1830 mm	5395 mm
TF 460XE/4*	25749	2030 mm	6000 mm
5 section masts			
TF 432XE/5	25760	1025 mm	3100 mm
TF 440XE/5	25761	1275 mm	4000 mm
TF 445XE/5	25762	1445 mm	4600 mm
TF 453XE/5	25763	1670 mm	5300 mm
TF 460XE/5	25764	1820 mm	5950 mm
TF 470XE/5	25766	2000 mm	7000 mm
6 section masts			
TF 453XE/6	34392	1450 mm	5300 mm

LAMP UNIT CHOICE

Lamps can be supplied in 12, 24, 110 or 230 volt.



All robot heads are available with beacon (option). Put a "B" after the robot head 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.

PERFORMANCE (to tilt and turn lamps)

Turning speed	Time
Horizontal turning speed at 180°	15 sec.
Vertical turning speed at 90°	5 sec.

Mast Lighting Robots are the most advanced, automatic lighting systems of the Teklite range.

They have features which make them suitable for medium or heavy size vehicles. One of the most attractive reasons to use a Light Robot is that it is installed with minimum work.

The telescopic mast of the mast robot lighting system can be fed by either :

1. the air compressor or
2. the air pressure tank of the vehicle.



* All 4 section masts can be equipped with a S-STP/micro coax cable, suitable for video & audio applications.

Cat. No.	Model	Volt	Ampere	Lumens
25273	2 x 70 Watt HP Sodium*	12	12,5	13.000
25274	2 x 70 Watt HP Sodium*	24	7,0	13.000
25275	2 x 70 Watt Metal Halide*	12	13,0	10.000
25276	2 x 70 Watt Metal Halide*	24	7,4	10.000
27280	1 x 70 W HPS + 1 x 70 W MH*	12	12,8	11.500
27285	1 x 70 W HPS + 1 x 70 W MH*	24	7,2	11.500
25268	2 x 35 Watt Xenon	24	3,0	7.000
25277	2 x 100 Watt Xenophot*	12	16,7	7.200
25278	2 x 150 Watt Xenophot*	24	12,5	12.000
27300	2 x 300 Watt Xenophot*	24	25,0	24.000
25279	2 x 500 Watt Halogen*	230	4,4	19.000
27301	2 x 750 Watt Halogen*	230	6,5	33.000
25280	2 x 1000 Watt Halogen*	230	8,7	44.000
25860	2 x 1500 Watt Halogen*	230	13,0	72.000
25108	2 x 250 Watt HP Sodium	24	23,0	54.000
27315	2 x 400 Watt HP Sodium*	230	9,0	110.000
27320	2 x 400 Watt Metal Halide*	230	9,0	66.000
27325	1 x 400 W HPS + 1 x 400 W MH*	230	9,0	88.000
35911	2 x 55 Watt SMD-LED*	12	10,6	11.000
35916	2 x 55 Watt SMD-LED*	24	4,8	11.000
27335	4 x 70 Watt HP Sodium*	24	14,0	26.000
27345	4 x 70 Watt Metal Halide*	24	14,8	20.000
27355	2 x 70 W HPS + 2 x 70 W MH*	24	14,4	23.000
25269	4 x 35 Watt Xenon	24	5,9	14.000
25281	4 x 150 Watt Xenophot*	24	25,0	24.000
25282	4 x 500 Watt Halogen*	230	8,7	38.000
27366	4 x 750 Watt Halogen*	230	13,0	66.000
25283	4 x 1000 Watt Halogen*	230	17,4	88.000
25861	4 x 1500 Watt Halogen*	230	26,2	144.000
27380	4 x 400 Watt HP Sodium*	230	18,0	220.000
27385	4 x 400 Watt Metal Halide*	230	18,0	132.000
27390	2 x 400 W HPS + 2 x 400 W MH*	230	18,0	176.000
35921	4 x 55 Watt SMD-LED*	12	21,2	22.000
35926	4 x 55 Watt SMD-LED*	24	9,6	22.000
33425	6 x 35 Watt Xenon	24	9,0	21.000
33435	6 x 500 Watt Halogen*	230	13,0	57.000
33440	6 x 750 Watt Halogen*	230	19,6	99.000
33445	6 x 1000 Watt Halogen*	230	26,0	132.000
35931	6 x 55 Watt SMD-LED*	12	31,8	33.000
35936	6 x 55 Watt SMD-LED*	24	14,4	33.000

MOBILE, PORTABLE & EMERGENCY LIGHTING

Technical specifications

Light Robot Series with TF 400XE masts

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. 14049/SG



Lower Mounting Bracket

Cat. No. 14050/SG

Internal mounting



Roof Bearing

Cat. No. 27624/SG

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

Oil-free piston air compressor, completely maintenance-free.

Models with NO Valve

Model 40/50, 12 volt Cat. No. 33652

Model 40/50, 24 volt Cat. No. 33653

Using the vehicle air pressure system



Air Pressure Regulator Unit

Combined unit consisting of valves, manometer, pressure switch and pressure regulator.

Models

APR Unit, 12 volt Cat. No. 25578

APR Unit, 24 volt Cat. No. 25579



Air Pressure Valve Kit

Kit consisting of loose valves, manometer and pressure regulator.

Models

APV Kit, 12 volt Cat. No. 27838

APV Kit, 24 volt Cat. No. 27839

MAST LIGHTING ROBOT WITH CONTROL/JUNCTION UNIT & REMOTE CONTROLS



Robot Head “Comfort”

Model 12V Cat. No. 25592

Model 24V Cat. No. 25593



Control/Junction Unit “Comfort”

Model 12V Cat. No. 27715

Model 24V Cat. No. 27716



Cable Remote Control-YH

Cat. No. 27723 (English)

Cat. No. 27724 (German)

1,5 metre spiral cable + 10 metres linear cable



Cable Remote Control-LV

Cat. No. 27731

1,25 metre spiral cable + 10 metres linear cable



RF Remote Control Kit

Cat. No. 27729 (Optional)

Kit contents : - RF Remote control
- Rechargeable battery
- 230 Volt charger
- 12/24 Volt car charger



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 9001:2008 CE

Teklite™

TF 500 - E NT, E T, XE Series

More details about TF 500 mast lighting series (Ø127 mm) are available on request.

NEW
TF 500 Series



MOBILE, PORTABLE & EMERGENCY LIGHTING



TF 600 - E NT, E T, XE Series

More details about TF 600 mast lighting series (Ø152 mm) are available on request.



MOBILE, PORTABLE & EMERGENCY LIGHTING



RFTM Roof Folding Mast Series

Roof folding telescopic mast lighting systems

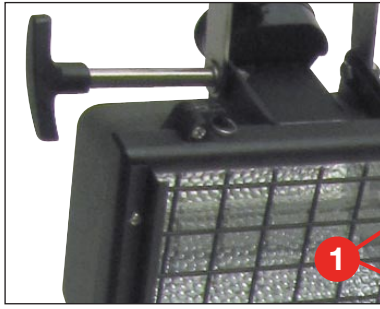
Teklite's roof folding mast lighting system "RFTM" is the most economical lighting system to fit onto the roof of a fire vehicle. The RFTM lighting system is entirely manually operated and provided with mechanical locks for safety purposes. Lifting up the mast into a vertical position is very light and easy due to solid gas springs.



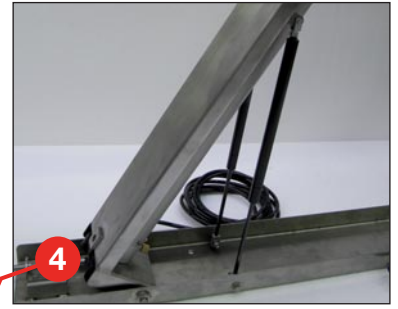
MOBILE, PORTABLE & EMERGENCY LIGHTING

Mast Specifications

Technical details



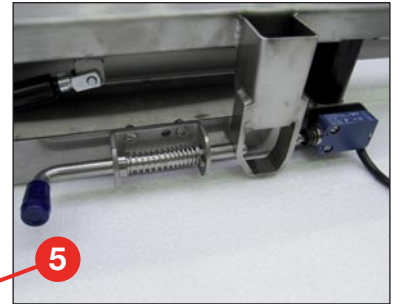
1
The lamps are adjustable vertically and the mast is turnable in every direction.



4
Two solid gas springs for light and easy folding/unfolding.



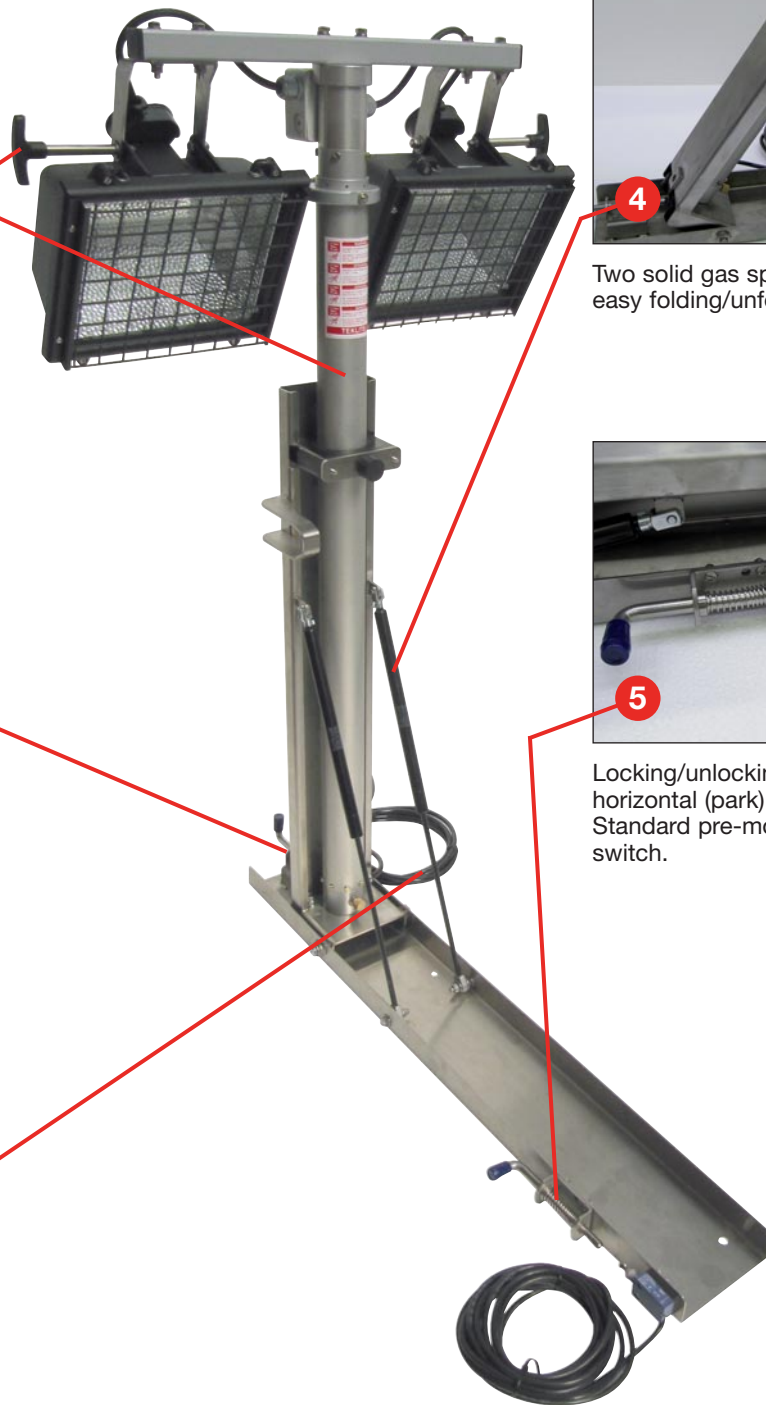
2
Locking/unlocking of the mast in vertical position.



5
Locking/unlocking of the mast in horizontal (park) position. Standard pre-mounted warning switch.



3
Standard 5 metres connection cable (5 x 1,5 mm²).



RFTM Series mast models (Class II approved)

Model	Cat. No.	Retracted height	Extended height	Internal cable	Weight of mast
2 SECTION MASTS					
RFTM 2/2	34260	1440 mm	2000 mm	5 x 1.5mm ²	22,0 kg
RFTM 2,5/2	34261	1710 mm	2500 mm	5 x 1.5mm ²	22,5 kg
RFTM 3/2	34262	1980 mm	3000 mm	5 x 1.5mm ²	23,0 kg

Lamp choice

* 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 below the bar

Cat. No.	Model	Volt	Ampere	Lumens
35670	2 x 70 Watt HP Sodium*	12	12,5	13.000
35671	2 x 70 Watt HP Sodium*	24	7,0	13.000
35672	2 x 70 Watt Metal Halide*	12	12,5	10.000
35673	2 x 70 Watt Metal Halide*	24	7,0	10.000
35674	1 x 70 Watt HP Sodium + 1 x 70 Watt Metal Halide*	12	12,8	11.500
35675	1 x 70 Watt HP Sodium + 1 x 70 Watt Metal Halide*	24	7,2	11.500
35684	2 x 35 Watt Xenon (1 x Wide + 1 x Beam)	12	5,9	7.000
35685	2 x 35 Watt Xenon (1 x Wide + 1 x Beam)	24	3,0	7.000
35690	2 x 55 Watt SMD-LED*	12	10,6	11.000
35691	2 x 55 Watt SMD-LED*	24	6,4	11.000
35696	2 x 100 Watt Xenophot*	12	16,7	7.200
35697	2 x 150 Watt Xenophot*	24	12,5	12.000
35698	2 x 300 Watt Halogen*	230	2,6	10.600
35699	2 x 500 Watt Halogen*	230	4,4	19.000
35702	2 x 750 Watt Halogen*	230	6,5	33.000
35704	2 x 1000 Watt Halogen*	230	8,7	44.000
35707	2 x 1500 Watt Halogen*	230	13,0	72.000



Double lamp unit, 2 lamps mounted above the bar only on request

RFTM Features

- Compact & easy to install
- Simple to operate
- Completely anodised aluminium alloy telescopic mast with 64 mm base tube and internal spiral cable
- Stainless steel folding chassis
- Choice of different lamp types




**Teklite™**

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

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 9001:2008 

Distributor :

MOBILE, PORTABLE & EMERGENCY LIGHTING



RRTM-EL Roof Robot Series

*Roof robot lighting systems for cars,
SUV's and vans*

NEW
RRTM LIGHT



MOBILE, PORTABLE & EMERGENCY LIGHTING

Mast specifications

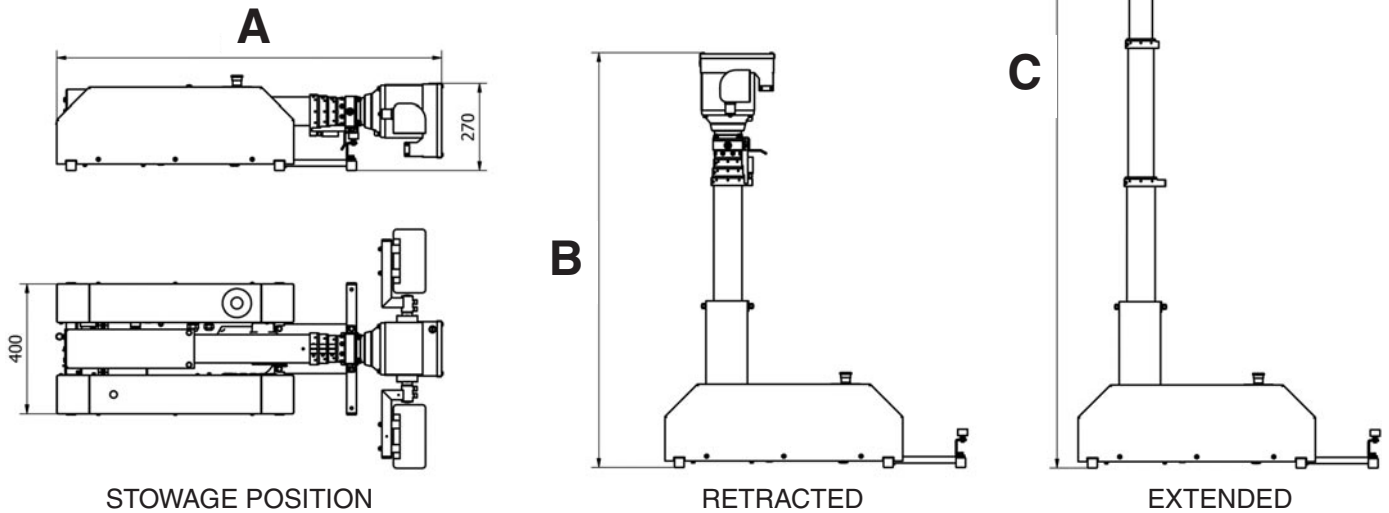
Telescopic Mast

An air-operated telescopic mast with internal electrical spiral cable lifts the Robot Lighting Head above the level of the vehicle roof.

The mast is based on the Teklite TF 300XE mast which has the advantage of the reliability gained over 30 years for thousands made.

The telescopic mast of the roof robot is fed by a standard built-in air compressor.

Dimensions (mm)



RRTM-EL 2.0/4 Models (A = 1060 mm; B = 1160 mm; C = 1900 mm)

Cat. No.	Description	Total weight
38000	RRTM-EL 2.0/4 with Built-in Compressor 12V	52 kg
38001	RRTM-EL 2.0/4 with Built-in Compressor 12V & Deadman Function	52 kg
38002	RRTM-EL 2.0/4 with Built-in Compressor 24V	52 kg
38003	RRTM-EL 2.0/4 with Built-in Compressor 24V & Deadman Function	52 kg

RRTM-EL 2.5/4 Models (A = 1200 mm; B = 1300 mm; C = 2500 mm)

Cat. No.	Description	Total weight
38004	RRTM-EL 2.5/4 with Built-in Compressor 12V	53 kg
38005	RRTM-EL 2.5/4 with Built-in Compressor 12V & Deadman Function	53 kg
38006	RRTM-EL 2.5/4 with Built-in Compressor 24V	53 kg
38007	RRTM-EL 2.5/4 with Built-in Compressor 24V & Deadman Function	53 kg

RRTM-EL 3.0/4 Models (A = 1375 mm; B = 1475 mm; C = 3000 mm)

Cat. No.	Description	Total weight
38008	RRTM-EL 3.0/4 with Built-in Compressor 12V	54 kg
38009	RRTM-EL 3.0/4 with Built-in Compressor 12V & Deadman Function	54 kg
38010	RRTM-EL 3.0/4 with Built-in Compressor 24V	54 kg
38011	RRTM-EL 3.0/4 with Built-in Compressor 24V & Deadman Function	54 kg

Lamp choice

All roof robots are available with beacon (option). Put a "B" after the **roof robot 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.

Cat. No.	Model	Volt	Ampere	Lumens
25268	2 x 35 Watt Xenon	24	3,0	7.000
27291	2 x 43 Watt LED	12/24	8,0/4,0	6.000
35911	2 x 55 Watt SMD-LED*	12	10,6	11.000
35916	2 x 55 Watt SMD-LED*	24	4,8	11.000
27292	2 x 50 Watt LED	12/24	9,0/4,5	7.400
25273	2 x 70 Watt HP Sodium*	12	12,5	13.000
25274	2 x 70 Watt HP Sodium*	24	7,0	13.000
25275	2 x 70 Watt Metal Halide*	12	13,0	10.000
25276	2 x 70 Watt Metal Halide*	24	7,4	10.000
27280	1 x 70 Watt HP Sodium + 1 x 70 Watt Metal Halide*	12	12,8	11.500
27285	1 x 70 Watt HP Sodium + 1 x 70 Watt Metal Halide*	24	7,2	11.500
37890	2 x 80 Watt LED	12/24	14,0/7,0	14.000
25277	2 x 100 Watt Xenophot*	12	16,7	7.200
37736	2 x 150 Watt High Power SMD-LED	12/24	26,0/13,0	30.000
25278	2 x 150 Watt Xenophot*	24	12,5	12.000
27300	2 x 300 Watt Xenophot*	24	25,0	24.000
25279	2 x 500 Watt Halogen*	230	4,4	19.000
25269	4 x 35 Watt Xenon	24	5,9	14.000
27361	4 x 43 Watt LED	12/24	16,0/8,0	12.000
27362	4 x 50 Watt LED	12/24	18,0/9,0	14.800
37891	4 x 80 Watt LED	12/24	28,0/14,0	28.000
25281	4 x 150 Watt Xenophot*	24	25,0	24.000
25282	4 x 500 Watt Halogen*	230	8,7	38.000
38852	6 x 43 Watt LED	12/24	24,0/12,0	18.000
38851	6 x 50 Watt LED	12/24	27,0/13,5	22.200

Standard features

- Light-weight metal (aluminium & stainless steel) construction
- 12 and 24 Volt versions
- Light-weight cable remote control
- 180° downwards and 90° upwards tilting
- 180° turning to the left and to the right starting from zero position
- With and without deadman function
- Longitudinal aluminium square fixing bars for easy and quick installation on standard vehicle roof bars

Optional features

- RF Remote Control Kit
- Lamp Protection Guard
- Beacon



Remote Controls

Cable Remote Control



Functions

- To extend the mast
- To switch the lighting left (lights 1) and right (lights 2) "on" and "off"
- Beacon switch
- To turn and tilt the lamps in any direction
- Automatic return to stowed position (also when releasing the handbrake)

Cable Remote Control-LV

Cat. No. 27731

1,25 metre spiral cable + 10 metres linear cable

RF Remote Control Kit (Optional)



RF Remote Control Kit

Cat. No. 27729

- Kit contents :
- RF Remote control
 - Rechargeable battery
 - 110/230 Volt charger
 - 12/24 Volt car charger



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 9001:2008 CE

PP 1672/E NV MM 22/08/14



RRTM-ES Roof Robot Series

*Roof robot lighting systems for fire trucks
and medium-sized vehicles*

**NEW
STANDARD
VERSION**

with stainless
steel frame and
light-weight
aluminium covers.



MOBILE, PORTABLE & EMERGENCY LIGHTING

Amazingly easy to operate !

1



Stowage position

2



Lighting mast raised, ready to extend

3

Mast in extended position



Here are the features that make fitting and operating this system so easy:

1. Electric system powered from the 12/24 volt vehicle battery and controlled by a cable remote control.
2. It is possible to operate the roof robot system with a single or double cable remote control, with or without RF remote control.
3. When the operation is over, a simple push of the button "mast down/park" turns the lamps to the stowage position, retracts the mast and folds it to the horizontal position. This cycle may also be automatically started by the release of the vehicle handbrake.
4. Air-operated telescopic mast based on proven TF 400 series.
5. Robot Lighting Head tilts maximum 180° down and 90° up and turns also 180° to the left and to the right from zero position, at the touch of a button.
6. Lamps can be either 12/24 volt or 110/230 volt if there is a generator on board.
7. All Roof Robot Lighting Systems are also available with deadman function for the push button "mast up/raise".

Remote Controls

Cable Remote Control



Functions

- To extend the mast
- To switch the lighting left (lights 1) and right (lights 2) "on" and "off"
- Beacon switch
- To turn and tilt the lamps in any direction
- Automatic return to stowed position (also when releasing the handbrake)

Cable Remote Control-YH

Cat. No. 27723 (English)

Cat. No. 27724 (German)

1,5 metre spiral cable + 10 metres linear cable



Cable Remote Control-LV

Cat. No. 27731

1,25 metre spiral cable + 10 metres linear cable

RF Remote Control Kit (Optional)



RF Remote Control Kit

Cat. No. 27729

- Kit contents :
- RF Remote control
 - Rechargeable battery
 - 110/230 Volt charger
 - 12/24 Volt car charger

Mast specifications

Telescopic Mast

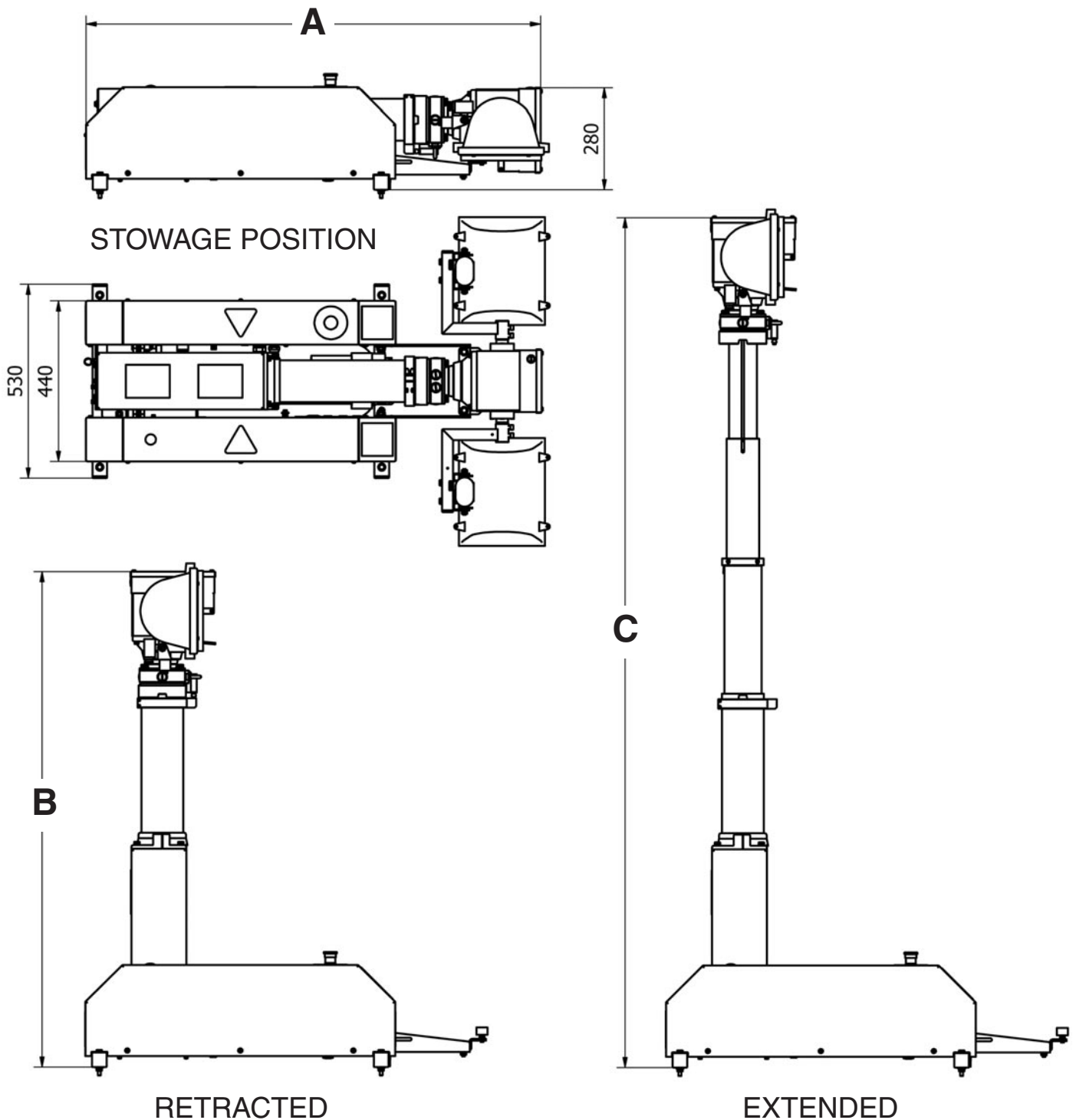
An air-operated telescopic mast with internal electrical spiral cable lifts the Robot Lighting Head above the level of the vehicle roof.

The mast is based on the Teklite TF 400XE mast which has the advantage of the reliability gained over 30 years for thousands made.

The telescopic mast of the roof robot can be fed by either :

1. the standard built-in air compressor or
2. the air pressure tank of the vehicle.

Dimensions (mm)



RRTM-ES 1.7/4 Models (A = 1090 mm; B = 1200 mm; C = 1700 mm)

Cat. No.	Description	Total weight
38275	RRTM-ES 1.7/4 / Built-in Compressor 12V	55 kg
38276	RRTM-ES 1.7/4-DF / Built-in Compressor 12V with deadman function (push button "mast up/raise")	55 kg
38277	RRTM-ES 1.7/4 / Built-in Compressor 24V	55 kg
38278	RRTM-ES 1.7/4-DF / Built-in Compressor 24V with deadman function (push button "mast up/raise")	55 kg
38279	RRTM-ES 1.7/4 / Air Pressure Regulator 12V	55 kg
38280	RRTM-ES 1.7/4-DF / Air Pressure Regulator 12V with deadman function (push button "mast up/raise")	55 kg
38281	RRTM-ES 1.7/4 / Air Pressure Regulator 24V	55 kg
38282	RRTM-ES 1.7/4-DF / Air Pressure Regulator 24V with deadman function (push button "mast up/raise")	55 kg

RRTM-ES 2.4/4 Models (A = 1270 mm; B = 1380 mm; C = 2350 mm)

Cat. No.	Description	Total weight
38283	RRTM-ES 2.4/4 / Built-in Compressor 12V	60 kg
38284	RRTM-ES 2.4/4-DF / Built-in Compressor 12V with deadman function (push button "mast up/raise")	60 kg
38285	RRTM-ES 2.4/4 / Built-in Compressor 24V	60 kg
38286	RRTM-ES 2.4/4-DF / Built-in Compressor 24V with deadman function (push button "mast up/raise")	60 kg
38287	RRTM-ES 2.4/4 / Air Pressure Regulator 12V	60 kg
38288	RRTM-ES 2.4/4-DF / Air Pressure Regulator 12V with deadman function (push button "mast up/raise")	60 kg
38289	RRTM-ES 2.4/4 / Air Pressure Regulator 24V	60 kg
38290	RRTM-ES 2.4/4-DF / Air Pressure Regulator 24V with deadman function (push button "mast up/raise")	60 kg

RRTM-ES 3.3/4 Models (A = 1470 mm; B = 1590 mm; C = 3250 mm)

Cat. No.	Description	Total weight
38291	RRTM-ES 3.3/4 / Built-in Compressor 12V	67 kg
38292	RRTM-ES 3.3/4-DF / Built-in Compressor 12V with deadman function (push button "mast up/raise")	67 kg
38293	RRTM-ES 3.3/4 / Built-in Compressor 24V	67 kg
38294	RRTM-ES 3.3/4-DF / Built-in Compressor 24V with deadman function (push button "mast up/raise")	67 kg
38295	RRTM-ES 3.3/4 / Air Pressure Regulator 12V	67 kg
38296	RRTM-ES 3.3/4-DF / Air Pressure Regulator 12V with deadman function (push button "mast up/raise")	67 kg
38297	RRTM-ES 3.3/4 / Air Pressure Regulator 24V	67 kg
38298	RRTM-ES 3.3/4-DF / Air Pressure Regulator 24V with deadman function (push button "mast up/raise")	67 kg

Lamp choice

RRTM-ES 1.7/4

Cat. No.	Model	Volt	Ampere	Lumens
25268	2 x 35 Watt Xenon	24	3,0	7.000
25277	2 x 100 Watt Xenophot*	12	16,7	7.200
25278	2 x 150 Watt Xenophot*	24	12,5	12.000
27300	2 x 300 Watt Xenophot*	24	25,0	24.000
25279	2 x 500 Watt Halogen*	230	4,4	19.000
27301	2 x 750 Watt Halogen*	230	6,5	33.000
27302	2 x 1000 Watt Halogen*	230	8,7	44.000
27304	2 x 1500 Watt Halogen*	230	13,0	72.000
25110	2 x 250 Watt HP Sodium	24	23,0	54.000
27316	2 x 400 Watt HP Sodium*	230	9,0	110.000
27321	2 x 400 Watt Metal Halide*	230	9,0	66.000
27326	1 x 400 Watt HP Sodium + 1 x 400 Watt Metal Halide*	230	9,0	88.000
35911	2 x 55 Watt SMD-LED*	12	10,6	11.000
35916	2 x 55 Watt SMD-LED*	24	4,8	11.000

RRTM-ES 2.4/4

Cat. No.	Model	Volt	Ampere	Lumens
25273	2 x 70 Watt HP Sodium*	12	12,5	13.000
25274	2 x 70 Watt HP Sodium*	24	7,0	13.000
25275	2 x 70 Watt Metal Halide*	12	13,0	10.000
25276	2 x 70 Watt Metal Halide*	24	7,4	10.000
27280	1 x 70 Watt HP Sodium + 1 x 70 Watt Metal Halide*	12	12,8	11.500
27285	1 x 70 Watt HP Sodium + 1 x 70 Watt Metal Halide*	24	7,2	11.500
25268	2 x 35 Watt Xenon	24	3,0	7.000
25277	2 x 100 Watt Xenophot*	12	16,7	7.200
25278	2 x 150 Watt Xenophot*	24	12,5	12.000
27300	2 x 300 Watt Xenophot*	24	25,0	24.000
25279	2 x 500 Watt Halogen*	230	4,4	19.000
27301	2 x 750 Watt Halogen*	230	6,5	33.000
25280	2 x 1000 Watt Halogen*	230	8,7	44.000
25860	2 x 1500 Watt Halogen*	230	13,0	72.000
25108	2 x 250 Watt HP Sodium	24	23,0	54.000
27315	2 x 400 Watt HP Sodium*	230	9,0	110.000
27320	2 x 400 Watt Metal Halide*	230	9,0	66.000
27325	1 x 400 Watt HP Sodium + 1 x 400 Watt Metal Halide*	230	9,0	88.000
35911	2 x 55 Watt SMD-LED*	12	10,6	11.000
35916	2 x 55 Watt SMD-LED*	24	4,8	11.000
27335	4 x 70 Watt HP Sodium*	24	14,0	26.000
27345	4 x 70 Watt Metal Halide*	24	14,8	20.000
27355	2 x 70 Watt HP Sodium + 2 x 70 Watt Metal Halide*	24	14,4	23.000
25269	4 x 35 Watt Xenon	24	5,9	14.000
25281	4 x 150 Watt Xenophot*	24	25,0	24.000
25282	4 x 500 Watt Halogen*	230	8,7	38.000
27366	4 x 750 Watt Halogen*	230	13,0	66.000
25283	4 x 1000 Watt Halogen*	230	17,4	88.000
25861	4 x 1500 Watt Halogen*	230	26,2	144.000
35921	4 x 55 Watt SMD-LED*	12	21,2	22.000
35926	4 x 55 Watt SMD-LED*	24	9,6	22.000
33425	6 x 35 Watt Xenon	24	9,0	21.000
33435	6 x 500 Watt Halogen*	230	13,0	57.000

All roof robots are available with beacon (option). Put a "B" after the **roof robot 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.

Remark :

For information regarding High Power (150 Watt) and Super Power (220 Watt) LED lighting sets, please contact your dealer or Teklite Sales Office.

RRTM-ES 3.3/4

Cat. No.	Model	Volt	Ampere	Lumens
25273	2 x 70 Watt HP Sodium*	12	12,5	13.000
25274	2 x 70 Watt HP Sodium*	24	7,0	13.000
25275	2 x 70 Watt Metal Halide*	12	13,0	10.000
25276	2 x 70 Watt Metal Halide*	24	7,4	10.000
27280	1 x 70 Watt HP Sodium + 1 x 70 Watt Metal Halide*	12	12,8	11.500
27285	1 x 70 Watt HP Sodium + 1 x 70 Watt Metal Halide*	24	7,2	11.500
25268	2 x 35 Watt Xenon	24	3,0	7.000
25277	2 x 100 Watt Xenophot*	12	16,7	7.200
25278	2 x 150 Watt Xenophot*	24	12,5	12.000
27300	2 x 300 Watt Xenophot*	24	25,0	24.000
25279	2 x 500 Watt Halogen*	230	4,4	19.000
27301	2 x 750 Watt Halogen*	230	6,5	33.000
25280	2 x 1000 Watt Halogen*	230	8,7	44.000
25860	2 x 1500 Watt Halogen*	230	13,0	72.000
25108	2 x 250 Watt HP Sodium	24	23,0	54.000
27315	2 x 400 Watt HP Sodium*	230	9,0	110.000
27320	2 x 400 Watt Metal Halide*	230	9,0	66.000
27325	1 x 400 Watt HP Sodium + 1 x 400 Watt Metal Halide*	230	9,0	88.000
35911	2 x 55 Watt SMD-LED*	12	10,6	11.000
35916	2 x 55 Watt SMD-LED*	24	4,8	11.000
27335	4 x 70 Watt HP Sodium*	24	14,0	26.000
27345	4 x 70 Watt Metal Halide*	24	14,8	20.000
27355	2 x 70 Watt HP Sodium + 2 x 70 Watt Metal Halide*	24	14,4	23.000
25269	4 x 35 Watt Xenon	24	5,9	14.000
25281	4 x 150 Watt Xenophot*	24	25,0	24.000
25282	4 x 500 Watt Halogen*	230	8,7	38.000
27366	4 x 750 Watt Halogen*	230	13,0	66.000
25283	4 x 1000 Watt Halogen*	230	17,4	88.000
25861	4 x 1500 Watt Halogen*	230	26,2	144.000
35921	4 x 55 Watt SMD-LED*	12	21,2	22.000
35926	4 x 55 Watt SMD-LED*	24	9,6	22.000
33425	6 x 35 Watt Xenon	24	9,0	21.000
33435	6 x 500 Watt Halogen*	230	13,0	57.000
33440	6 x 750 Watt Halogen*	230	19,6	99.000
33445	6 x 1000 Watt Halogen*	230	26,0	132.000
35931	6 x 55 Watt SMD-LED*	12	31,8	33.000
35936	6 x 55 Watt SMD-LED*	24	14,4	33.000



MOBILE, PORTABLE & EMERGENCY LIGHTING

Effortless for the user ...



Easy for the installer too !


**Teklite™**

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 9001:2008 

PP 1755/E NV MM 01/01/14

MOBILE, PORTABLE & EMERGENCY LIGHTING



flexilux Robot Head

Teklite introduces the "flexilux" robot head to fit on TF 400XE & RRTM-ES lighting systems

NEW
"flexilux" enables you to **FOCUS**
on the job



MOBILE, PORTABLE & EMERGENCY LIGHTING

Flexilux focus positions

Flexilux robot heads enable the user to position the focus of the floodlights from narrow beam into wide beam and vice versa.

FLEXILUX “NARROW BEAM” POSITION (-5°)



FLEXILUX “STANDARD” POSITION (0°)



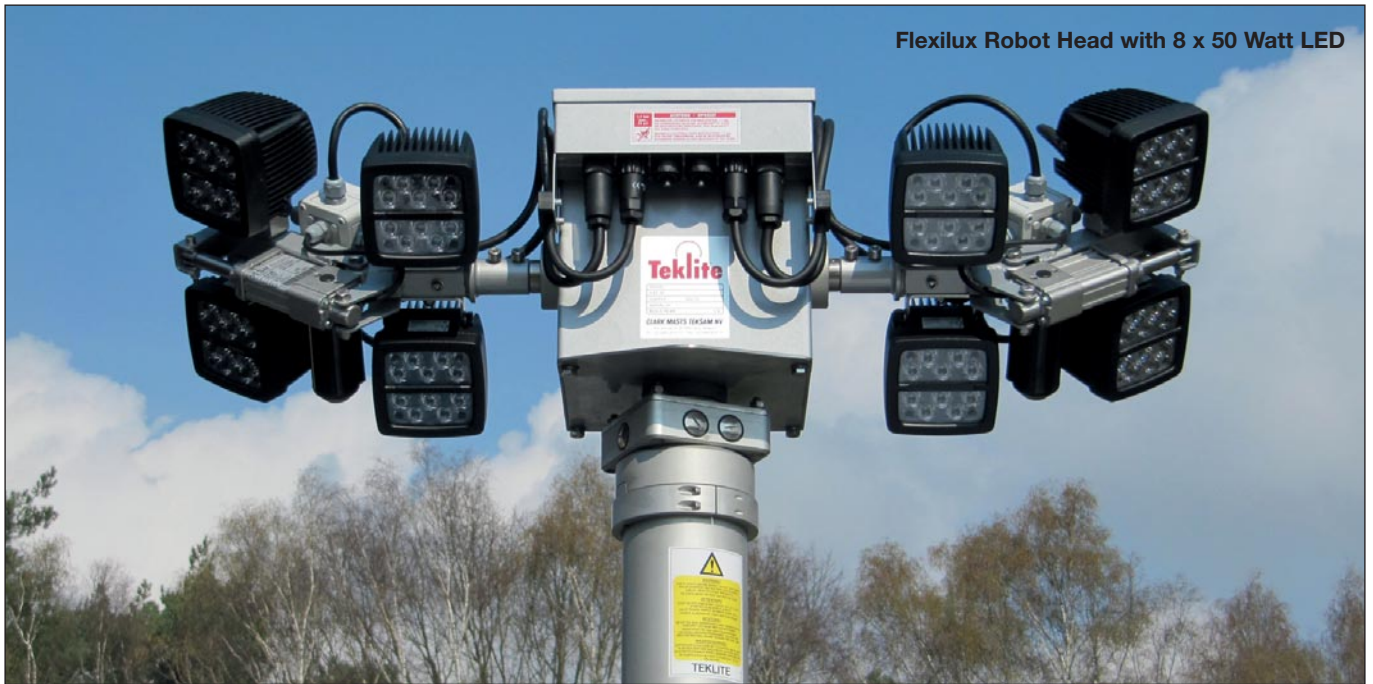
FLEXILUX “WIDE BEAM” POSITION (+35°)



Lamp choice

Cat. No.	Model	Volt	Ampere	Lumens
38510	8 x 35 Watt Xenon with Focus 12 Volt	24	12	28.000
38515	8 x 35 Watt Xenon with Focus 24 Volt	24	12	28.000
38470	8 x 43 Watt LED with Focus 12 Volt	12/24	32/16	24.000
38475	8 x 43 Watt LED with Focus 24 Volt	12/24	32/16	24.000
38460	8 x 50 Watt LED with Focus 12 Volt	12/24	36/18	29.600
38465	8 x 50 Watt LED with Focus 24 Volt	12/24	36/18	29.600
38520	8 x 70 Watt LED with Focus 12 Volt	12/24	46/23	36.000
38525	8 x 70 Watt LED with Focus 24 Volt	12/24	46/23	36.000
38530	8 x 80 Watt LED with Focus 12 Volt	12/24	56/28	56.000
38535	8 x 80 Watt LED with Focus 24 Volt	12/24	56/28	56.000

Flexilux Robot Head with 8 x 50 Watt LED



Flexilux Robot Head with 8 x 35 Watt Xenon



Remote Controls

Cable Remote Control



Functions

- To extend the mast
- To switch the lighting left (lights 1) and right (lights 2) "on" and "off"
- Beacon switch
- To turn and tilt the lamps in any direction
- Focus (-5° to +35°)
- Automatic return to stowed position (also when releasing the handbrake)

Cable Remote Control LVG/2L/Focus

Cat. No. 38560

1,25 metre spiral cable + 10 metres linear cable

RF Remote Control Kit (Optional)



RF Remote Control Kit LVG/2L/Focus

Cat. No.38562

- Kit contents :
- RF Remote control
 - Rechargeable battery
 - 110/230 Volt charger
 - 12/24 Volt car charger



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

Distributor :

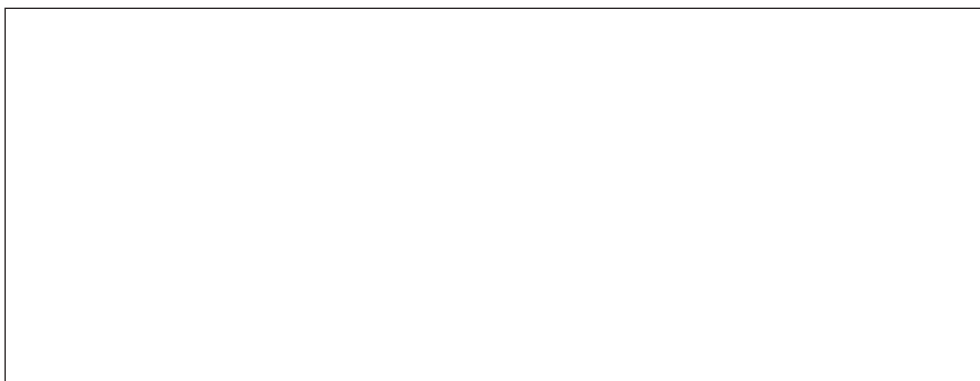
TEKSAM COMPANY NV, Woudstraat 21, 3600 Genk, Belgium
Tel : +32 (0)89 38 44 72 Fax : +32 (0)89 38 61 41 E-mail : info@teksamco.com Website : www.teklite.com

TEKLITE is a division of Teksam Company NV

ISO 9001:2008 CE

PP-1779/E NV MM 18/12/14

MOBILE, PORTABLE & EMERGENCY LIGHTING



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

PP 1382-E NV MM 01.01.15