

MOSA

Switch the power on



 LIGHTING TOWERS

EN 

MOOSA

SINCE
1963

THE SPECIALIST IN QUALITY
WITH SOLUTION THAT
MAKE A DIFFERENT

PROUDLY “MADE IN ITALY”

For more than 50 years, MOSA has been focusing on the performance and reliability of its products. Experience and commitment to innovation has positioned MOSA as a world reference in the design and construction of machines that fulfil the requirements of power generation and welding: comprising generators, engine driven welders and lighting towers.



The ISO 9001 certified process utilised by MOSA uses the most advanced technology and personnel with specialised expertise in all phases of the process that, starting from design, extend to the selection of raw materials and supplies, to the production of the various components and their assembly, as well as the strict tests and functional testing of the finished product; all of which represent the traditional characteristics of “Made in Italy”.

WHY CHOOSE MOSALIGHT

MORE FUNCTIONAL & MORE DURABLE

The principles of design and attentive construction typical of MOSA products can easily be seen in MOSA lighting towers, designed and manufactured in order to facilitate easy handling in all conditions and to ensure reliability and durability during operation. Among the main product features is the superior protection of the telescopic mast, a MOSA exclusive, at one of the tower's most exposed points shielding it from the elements, construction site debris, dust and leaves. This attention to detail can also be seen in the rounded edges of the canopy designed for rainwater drainage away from the control panel.





MAST PROTECTION 1

To protect the lowered mast from atmospheric elements

LED POWER 2

For improved durability and low energy consumption LED lighting is more efficient compared to other lighting systems

HOOK 3

The lifting hook allows easy and simple movement of the tower

NEW ROUNDED DESIGN 4

The rounded edges of the canopy have been designed for improved corrosion prevention

LARGE DOORS 5

For easy inspection & maintenance of the engine and internal components

CONTROL PANEL 6

For precise control of the mast, lights & motor protection

SOCKET PANEL 7

Easy access to sockets

BUNDED BASE 8

Containment of liquid up to 110% pressure, with fork lift pockets for movement

STABILISER SUPPORT LEGS 9

2 front stabiliser support legs, removable and height adjustable
2 rear back stabiliser support legs, height adjustable

TRAILERS & BASES 10

3 types of versions available: Base Assembly with Stabilisers, Fast Tow Highway Trailer (Homologated), Site Tow Trailer



LIGHTING TOWERS





LIGHT & ENERGY

TF IM5.5Y

J - 4x400
L - 4x150
L - 4x240 *pag. 8*

TF II9 Y

L - 4x240
L - 4x350 *pag. 9*



LIGHTING KIT

TF NM5.5

J - 4x400
L - 4x150
L - 4x240 *pag. 10*

TF NM9

L - 4x240
L - 4x350 *pag. 11*

TF NI9

L - 4x240
L - 4x350 *pag. 12*

TF KIT I9

L - 4x240
L - 4x350 *pag. 13*

TF CUBE I9

L - 4x240
L - 4x350 *pag. 14*



LIGHT



TING TOWERS

TF IM5.5Y

LIGHT & ENERGY



TRANSPORT



	TROLLEY	SITE TOW TRAILER
TRUCK 13.60 m	22 towers	14 towers
CONTAINER 12 m	20 towers	12 towers
CONTAINER 5 m	8 towers	6 towers

FEATURES

- YANMAR L70V engine
- Zinc-plated telescopic mast (Total height 5.5m)
- Integrated generating set
- Manual lifting
- Wind-proof certification up to 80 km/h
- Two axes manually adjustable floodlights
- Trolley with 2 adjustable and removable stabilisers
- Bunded base
- Switch for external power supply (only 230V Vers.)
- Operating time 44h (LED 4x150) - 40h (LED 4x240) 32h (metal halide)
- Engine shut down for low oil pressure
- Ground Fault Interrupter and circuit breaker



AVAILABLE LAMPS

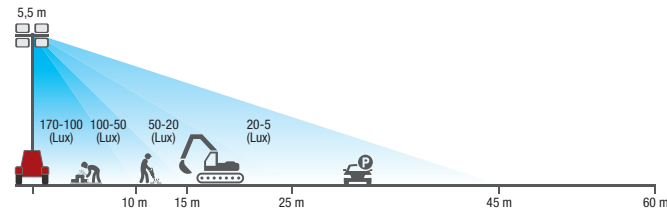
- J-4x400 4 METAL HALIDE
- L-4x150 4 LED
- L-4x240 4 LED



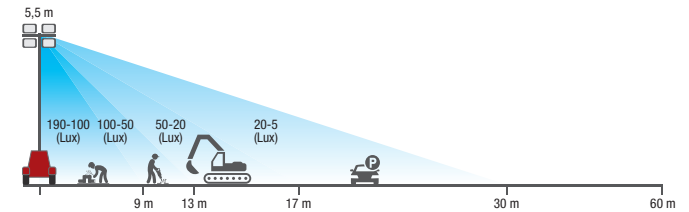
VERSIONS ON REQUEST

- Site tow
- Road towing trolley

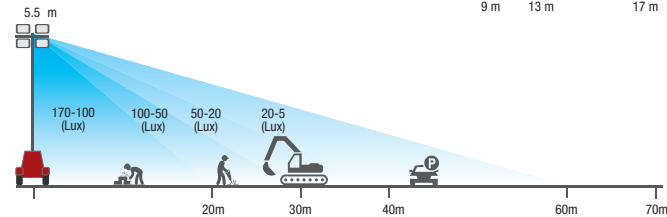
4x400 METAL HALIDE



4x150 LED



4x240 LED



5±20 (Lux): Parking
 20±50 (Lux): Work not requiring any perception to detail
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	TF IM5.5Y J-4X400		TF IM5.5Y L-4X150		TF IM5.5Y L-4X240	
	CTM	CTL	CTM	CTL	CTM	CTL
Weight (Kg)	335	355	335	355	343	343
Dimensions (mm)	1853x1380x5500	1885x1215x5500	1853x1380x5500	1885x1215x5500	1853x1380x5500	1885x1215x5500
Type and n° of lamps	IODURI METALLICI N° 4		LED N° 4		LED N° 4	
Illuminated Area	1800 mq		2000 mq		2500 mq	
Lumen tot. / Lux average	136000 lm / 19		90000 lm / 30		153600 lm / 42	

TF II9 Y

LIGHT & ENERGY



TRANSPORT



	BASE	HOMOLOGATED TRAILER	SITE TOW TRAILER
TRUCK 13.60 m	11 towers	5 towers	11 towers
CONTAINER 12 m	10 towers	4 towers	10 towers
CONTAINER 5 m	5 towers	2 towers	5 towers

	TF II9 Y J 4X1000			TF II9 Y L 4X280		
	BASE	CTL	CTV	BASE	CTL	CTV
Weight (Kg)	885	975	1070	895	985	1080
Dimensions (mm)	2210x1885x9000	3160x1885x9000	2300x1885x9000	2210x1885x9000	3160x1885x9000	2300x1885x9000
Type and n° of lamps	LED N° 4			LED N° 4		
Illuminated Area	4800 mq			4800 mq		
Lumen tot./ Lux average	153600 lm / 21			210000 lm / 30		

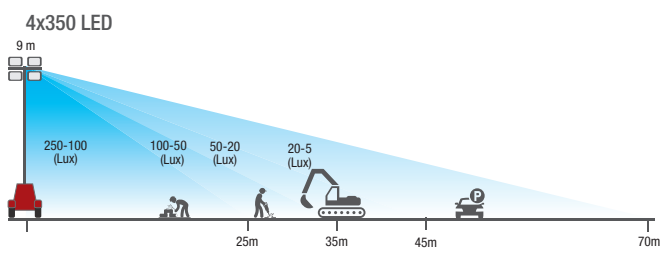
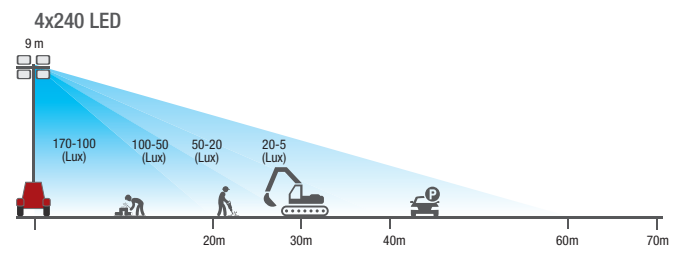
FEATURES

- YANMAR 3TNV80F engine
- Zinc-plated telescopic mast (Total height 9m)
- Integrated generating set
- Hydraulic lifting
- Wind-proof certification up to 80 Km/h
- Tower 340° manual rotation
- Two axes manually adjustable floodlights
- ON/OFF switch on each single lamp
- Safety valve for tower manual lowering in case of hydraulic system failure
- Switch for external power supply
- Engine protection EP6
- Bunded base
- Operating time 158h (LED 4x350) - 230h (LED 4x240)
- Spark arrestor
- Central lifting eye

- AVAILABLE LAMPS**
- L-4x240 4 LED
 - L-4x350 4 LED

- OPTIONS ON REQUEST**
- Socket SCHUKO 16A/ 230V

- VERSIONS ON REQUEST**
- Base Assembly with Stabilisers
 - Fast Tow Highway Trailer (Homologated)
 - Site Tow Trailer



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TF NM5.5

LIGHTING KIT



FEATURES

- Zinc-plated telescopic mast (Total height 5.5m)
- Manual lifting
- Wind-proof certification up to 80 Km/h (with generator weight > 80 Kg)
- Two axes manually adjustable floodlights
- Trolley with 2 adjustable and removable stabilisers
- Two lifting eyes and forklift pockets
- Frame can hold generating sets 4 to 7 KVA



AVAILABLE LAMPS

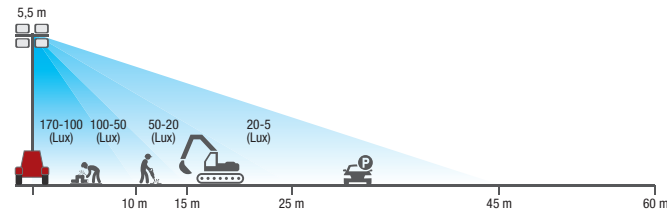
- J-4x400: 4 METAL HALIDE
- L-4X150: 4 LED
- L-4X240: 4 LED

TRANSPORT

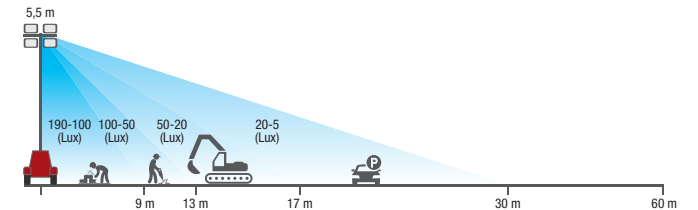


TRUCK 13.60 m	18 towers
CONTAINER 12 m	16 towers
CONTAINER 5 m	6 towers

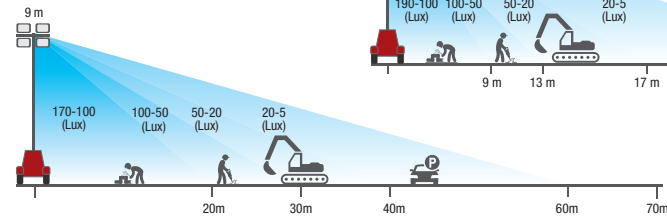
4x400 METAL HALIDE



4x150 LED



4x240 LED



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	TF NM5.5 J-4X400	TF NM5.5 L-4X150	TF NM5.5 L-4X240
Weight (Kg)	226	226	234
Dimensions (mm)	1730x1570x5500	1730x1570x5500	1730x1570x5500
Type and n° of lamps	METAL HALIDE N° 4	LED N° 4	LED N° 4
Illuminated Area	1800 mq	2000 mq	2500 mq
Lumen tot. / Lux average	136000 lm / 19	90000 lm / 30	153600 lm / 42

TF NM9

LIGHTING KIT



FEATURES

- Zinc-plated telescopic mast (Total height 9m)
- Manual lifting
- Tower 340° manual rotation
- Wind-proof certification up to 80 Km/h (with generator weight > 210 Kg)
- Two axes manually adjustable floodlights
- Site tow trailer with mudguards and 4 adjustable stabilisers, two removable
- Two lifting eyes and forklift pockets
- Frame can hold generating sets 8 to 20 kVA



AVAILABLE LAMPS

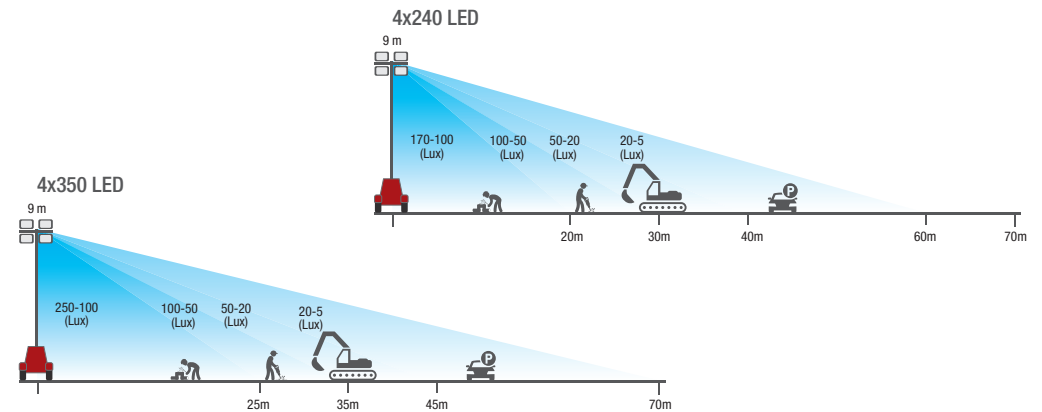
- L-4X240: 4 LED
- L-4X350: 4 LED

TRANSPORT



TRUCK 13.60 m	5 towers
CONTAINER 12 m	4 towers
CONTAINER 5 m	2 towers

	TF NM9 L-4X240	TF NM9 L-4X350
Weight (Kg)	790	800
Dimensions (mm)	1730x1570x5500	1730x1570x5500
Type and n° of lamps	LED N° 4	LED N° 4
Illuminated Area	4800 mq	4800 mq
Lumen tot. / Lux average	153600 lm / 21	210000 lm / 30



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- 100÷200 (Lux): Work requiring perception to detail

LIGHTING KIT

TF NI9



FEATURES

- Zinc-plated telescopic mast (Total height 9m)
- Hydraulic lifting
- Tower 340° manual rotation
- Wind-proof certification up to 80 Km/h (with generator weight > 210 Kg)
- Two axes manually adjustable floodlights
- Safety valve for tower manual lowering in case of hydraulic nsystem failure
- Site tow trailer with mudguards and 4 adjustable stabilisers, two removable
- Two lifting eyes and forklift pockets
- Frame can hold generating sets 8 to 20 kVA



AVAILABLE LAMPS

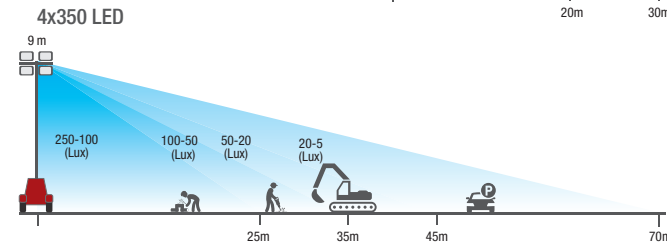
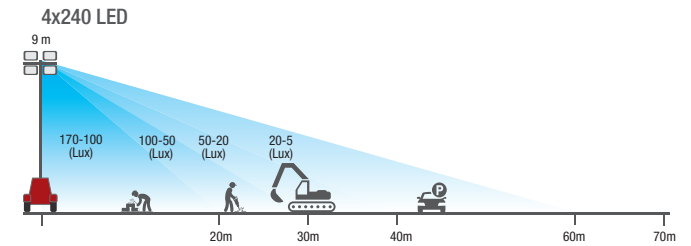
- L-4X240: 4 LED
- L-4X350: 4 LED

TRANSPORT



TRUCK 13.60 m	5 towers
CONTAINER 12 m	4 towers
CONTAINER 5 m	2 towers

	TF NI9 L-4X240	TF NI9 L-4X350
Weight (Kg)	790	800
Dimensions (mm)	1730x1570x5500	1730x1570x5500
Type and n° of lamps	LED N° 4	LED N° 4
Illuminated Area	4800 mq	4800 mq
Lumen tot. / Lux average	153600 lm / 21	210000 lm / 30



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- 100±200 (Lux): Work requiring perception to detail

TF KIT I9

LIGHTING KIT



FEATURES

- Zinc-plated telescopic mast (Total height 8.6m)
- Hydraulic lifting
- Tower 340° manual rotation
- Two axes manually adjustable floodlights
- Safety valve for tower manual lowering in case of hydraulic system failure
- Base plate can be fixed on any kind of platform
- Two central lifting eyes
- 400V three-phase power supply (5P 32A CEE plug)



AVAILABLE LAMPS

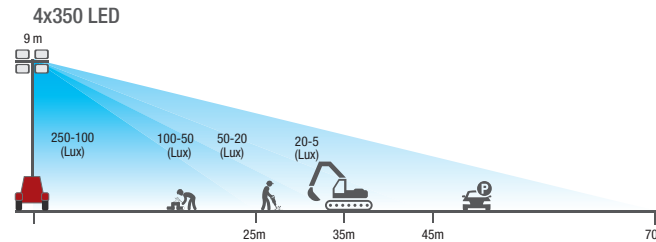
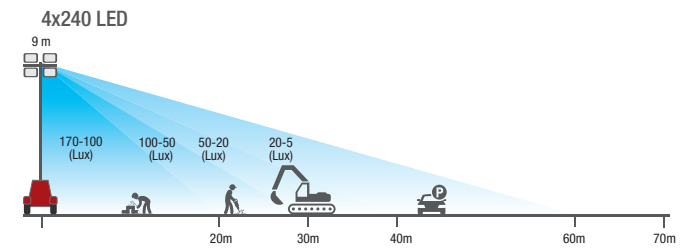
- L-4X240: 4 LED
- L-4X350: 4 LED

TRANSPORT



TRUCK 13.60 m	22 towers
CONTAINER 12 m	17 towers
CONTAINER 5 m	9 towers

	TF KIT I9 L-4X240	TF KIT I9 L-4X350
Weight (Kg)	400	410
Dimensions (mm)	1730x1570x5500	1730x1570x5500
Type and n° of lamps	LED N° 4	LED N° 4
Illuminated Area	4800 mq	4800 mq
Lumen tot. / Lux average	153600 lm / 21	210000 lm / 30



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- 50±100 (Lux): Work requiring limited perception to detail
- 100±200 (Lux): Work requiring perception to detail

TF CUBE 19



FEATURES

- Zinc-plated telescopic mast (Total height 8.6m)
- Hydraulic lifting
- Tower 340° manual rotation
- Wind-proof certification up to 80 Km/h
- Two axes manually adjustable floodlights
- Safety valve for tower manual lowering in case of hydraulic system failure
- Base plate with 4 adjustable and removable stabilisers
- Two lifting eyes and forklift pockets
- 400V three-phase power supply (5P 32A CEE plug)



AVAILABLE LAMPS

- L-4X240: 4 LED
- L-4X350: 4 LED

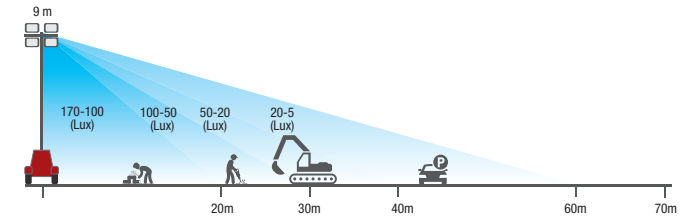
TRANSPORT



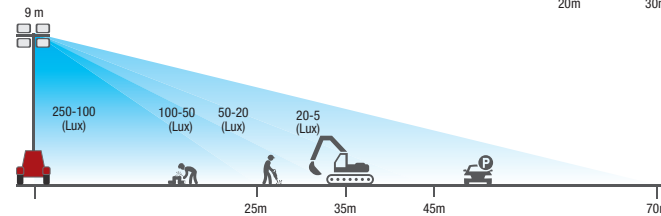
TRUCK 13.60 m	22 towers
CONTAINER 12 m	20 towers
CONTAINER 5 m	10 towers

	TF CUBE 19 L-4X240	TF CUBE 19 L-4X350
Weight (Kg)	600	610
Dimensions (mm)	1730x1570x5500	1730x1570x5500
Type and n° of lamps	LED N° 4	LED N° 4
Illuminated Area	4800 mq	4800 mq
Lumen tot. / Lux average	153600 lm / 21	210000 lm / 30

4x240 LED



4x350 LED



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MOSA



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