

luxtower.com

LUXTOWER
lighting towers

Riders of Light

the *Thermal Engine* reliability



MADE IN
ITALY

T-Engine
Thermal Engine Lighting Towers

LUXTOWER

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META Group, based a few kilometers from Milan, is an Italian company involved in the construction sector since 1977.

Luxtower was founded in 2011 as manufacturing division of the Group, specializing in the design and production of mobile lighting towers.

Luxtower believes in the ambitious project of producing entirely in Italy, offering appealing design machinery in constant innovation, combining performance, durability and ease of use. By means of the latest technologies and top quality components, the industrial processes are **UNI ISO 9001 certified**, allowing the company to maximize safety and efficiency, respecting the **MADE IN ITALY** quality standards.

The result of the Group's historical experience in the rental sector, leads **Luxtower** to create a strong synergy with its customers, with the aim of providing products realized to meet their needs and market demands.

T-Engine

Thermal Engine Lighting Towers

The low consumption reliability of the **new thermal engines**.

T-Engine range involves genset powered lighting towers equipped with high efficiency thermal engines, which ensures low consumption and emissions according to regulations.

The lifting system of the telescopic mast can be either manual in the standard version or hydraulic in the full optional one.

The use of high efficiency LED floodlights with narrow beam optic provides deep light with sharp details, which allows the tower to operate in many fields of application: events, construction and mining sites, road maintenance and emergency situations.

The high quality standards of the **T-Engine** range ensure durability, sturdiness, ease of transport and reduced maintenance.





Lux M10

The T-Engine lighting towers with manual lifting system stand out for reduced consumption, small dimensions and a solid and durable structure. The LED floodlights Made in Italy supplied perform an outstanding remarkable illuminating performance. M10 - M11 - M12 differ from each other for the LED configuration supplied only.

Applications: Construction and Extraction Sites - Industry - Rental - Events

Plus

- Solid and compact
- Height adjustable on-site tow trailer
- Up to 16 units per container
- 1.3 kVA Auxiliary Socket

Optional

- **PLUS+ Version** (DSE Digital Control + Light Sensor)

MODEL	MAX. HEIGHT (m)	FLOODLIGHT TYPE	ILLUMINATED AREA (m ²)	ENGINE	CYL.	RPM	COOLING SYSTEM	POWER (kVA)	FUEL CONSUMPTION (l/h)	RUNNING TIME (h)	WEIGHT (Kg)
LUX M10	8	4 X 160W LED	3400	KUBOTA Z482	2	1500	WATER	3.5	0.55	145	681

 LIFETIME WARRANTY MAST	 GALVANIZED METAL WORK	 ILLUMINATED AREA 3400 SQM	 RUNNING TIME <140 HRS	 FOLDABLE ON SITE TOW TRAILER	 16 UNITS IN A 40'HC CONTAINER	 MADE IN ITALY MULTI LED FLOODLIGHTS
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Lux M11

The T-Engine lighting towers with manual lifting system stand out for reduced consumption, small dimensions and a solid and durable structure. The LED floodlights Made in Italy supplied perform an outstanding remarkable illuminating performance. M10 - M11 - M12 differ from each other for the LED configuration supplied only.

Applications: Construction and Extraction Sites - Industry - Rental - Events

Plus

- Solid and compact
- Height adjustable on-site tow trailer
- Up to 16 units per container
- 1.3 kVA Auxiliary Socket

Optional

- **PLUS+ Version** (DSE Digital Control + Light Sensor)

MODEL	MAX. HEIGHT (m)	FLOODLIGHT TYPE	ILLUMINATED AREA (m ²)	ENGINE	CYL.	RPM	COOLING SYSTEM	POWER (kVA)	FUEL CONSUMPTION (l/h)	RUNNING TIME (h)	WEIGHT (Kg)
LUX M11	8	4 X 320W LED	5000	KUBOTA Z482	2	1500	WATER	3.5	0.55	145	690

 LIFETIME WARRANTY MAST	 GALVANIZED METAL WORK	 ILLUMINATED AREA 5000 SQM	 RUNNING TIME <140 HRS	 FOLDABLE ON SITE TOW TRAILER	 16 UNITS IN A 40'HC CONTAINER	 MADE IN ITALY MULTI LED FLOODLIGHTS
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Lux M12

The T-Engine lighting towers with manual lifting system stand out for reduced consumption, small dimensions and a solid and durable structure. The LED floodlights Made in Italy supplied perform an outstanding remarkable illuminating performance. M10 - M11 - M12 differ from each other for the LED configuration supplied only.

Applications: Construction and Extraction Sites - Industry - Rental - Events

Plus

- Solid and compact
- Height adjustable on-site tow trailer
- Up to 16 units per container
- 1.3 kVA Auxiliary Socket

Optional

- **PLUS+ Version** (DSE Digital Control + Light Sensor)

MODEL	MAX. HEIGHT (m)	FLOODLIGHT TYPE	ILLUMINATED AREA (m ²)	ENGINE	CYL.	RPM	COOLING SYSTEM	POWER (kVA)	FUEL CONSUMPTION (l/h)	RUNNING TIME (h)	WEIGHT (Kg)
LUX M12	8	6 X 160W LED	4300	KUBOTA Z482	2	1500	WATER	3.5	0.55	145	686

LIFETIME WARRANTY MAST	GALVANIZED METAL WORK	ILLUMINATED AREA 4300 SQM	RUNNING TIME <140 HRS	FOLDABLE ON SITE TOW TRAILER	16 UNITS IN A 40'HC CONTAINER	MADE IN ITALY MULTI LED FLOODLIGHTS



Lux M14C

LUX M14C is the most compact lighting tower of the T-ENGINE line. It's equipped with a small integrated generator and manual lifting system.

The LED floodlights are produced in Italy and perform a remarkable illuminating yield. It has been set a DSE control panel with integrated twilight sensor to increase its application potential.

Applications: Small construction sites - Industry - Rental - Events - Maintenance

Plus

- Lightweight, compact and easy to handle
- 40 hrs running time
- DSE Digital Control + Light Sensor
- 1 kVA Auxiliary Socket

MODEL	MAX. HEIGHT (m)	FLOODLIGHT TYPE	ILLUMINATED AREA (m ²)	ENGINE	CYL.	RPM	COOLING SYSTEM	POWER (kVA)	FUEL CONSUMPTION (l/h)	RUNNING TIME (h)	WEIGHT (Kg)
LUX M14C	5.5	4 X 160W LED	2600	YANMAR L70	1	3000	AIR	4.2	0.50	40	350

COMPACT DESIGN	LIGHT WEIGHT	ILLUMINATED AREA 2600 SQM	DSE3110 DIGITAL CONTROL	RUNNING TIME 40 HRS	STANDARD LIGHT SENSOR	MADE IN ITALY MULTI LED FLOODLIGHTS



Lux M3

For users linked to ancient traditions, LUX M3 is the only lighting tower in the range equipped with metal halide floodlights, i.e. formed by incandescent light bulbs.

It's made up with a solid and durable structure and manual lifting system.

Applications: Construction and Extraction Sites - Industry - Events

Plus

- Solid and compact
- Height adjustable on-site tow trailer
- Up to 14 units per container
- 3.5 kVA Auxiliary Socket

MODEL	MAX. HEIGHT (m)	FLOODLIGHT TYPE	ILLUMINATED AREA (m ²)	ENGINE	CYL.	RPM	COOLING SYSTEM	POWER (kVA)	FUEL CONSUMPTION (l/h)	RUNNING TIME (h)	WEIGHT (Kg)
LUX H11	8	4 X 1000W MH	4200	KUBOTA D1105	3	1500	WATER	8	1.85	43	800



LIFETIME WARRANTY MAST



GALVANIZED METAL WORK



ILLUMINATED AREA 4200 SQM



FOLDABLE ON SITE TOW TRAILER



14 UNITS IN A 40'HC CONTAINER



Lux H11

LUX H11 is the result of the collaboration with the main rental companies, top-of-the-range high-performance lighting tower complete with hydraulic lifting system and the latest technologies in the lighting sector. The high-efficiency LED floodlights supplied are Made in Italy and perform a remarkable lighting performance.

Applications: Construction and Extraction Sites - Industry - Rental - Events

Plus

- Light Sensor
- Bunded Tank
- DSE Digital Control
- Road approved tow trailer
- 1.3 kVA Auxiliary Socket

Optional

- **PLUS+ Version** (Standard H11 + Mains/Generator Switch)
- Height adjustable tow trailer

MODEL	MAX. HEIGHT (m)	FLOODLIGHT TYPE	ILLUMINATED AREA (m ²)	ENGINE	CYL.	RPM	COOLING SYSTEM	POWER (kVA)	FUEL CONSUMPTION (l/h)	RUNNING TIME (h)	WEIGHT (Kg)
LUX H11	8.5	4 X 320W LED	5000	KUBOTA Z482	2	1500	WATER	3.5	0.55	145	870



ROAD APPROVED TOW TRAILER



DSE3110 DIGITAL CONTROL



110% BUNDED TANK
Liquid collection tank



STANDARD LIGHT SENSOR



MAINS GENERATOR SWITCH



MADE IN ITALY MULTI LED FLOODLIGHTS



ILLUMINATED AREA 5000 SQM



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Luxtower is the production branch of META Srl, an Italian company with forty years of experience in the rental industry, whose processes are ISO 9001 certified.