ITALTOWER® HEAVY DUTY LIGHTING TOWERS

// CATALOGUE
LIGHTING TOWERS 2024



Via J. Keplero, 1a, 35028 Piove di sacco PD | ITALY T. +39 049 5840542 | M. info@italtower.com www.italtower.com









// ABOUT US

MADE IN ITALY PROFESSIONAL LIGHTING

Born from an idea of Michele Borgato, Italtower was founded in 2015. Today it has an organized structure with more than 60 employees and a worldwide distribution.



INNOVATION

Italtower invests in R&D to offer innovative and technologically advanced products at affordable prices.



CERTIFICATION

The quality is proved by the CE, CSA/UL, EAC, SASO, ISO9001 certifications.



QUALITY

Italtower's lighting towers are designed to be long-lasting and reliable in performance.



COMMITMENT, PASSION AND FOCUS ON THE FUTURE.

Technology & Innovation

Product innovation passes through the use of **technologies and materials that guarantees reliability and durability.** Every detail is scrupulously researched to obtain a unique product, which includes technological know-how, reliability, simplicity of use, safety and originality.

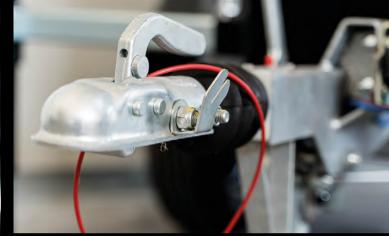
A complete range

Our lighting towers are **designed for any application** to bring light to any place and at any time: **construction sites, events, industrial applications, road works and construction sites, civil protection, rentals.** Our range is very diversified, you can find solutions for any use and with different technical characteristics to satisfy the customer.

Made in Italy

Creativity, design and Italian style form the basis of Italtower's products, an internationally renowned Made In Italy brand. The main objective of our design studio is the result, designed with the client's needs and looking to the future without neglecting the past.







// HOW WE WORK

OUR METHOD, OUR PASSION.

One of our strengths is our in-house production, from design to finished piece. The advantage of producing all components in-house allows us to customize the different products according to the needs and requirements of the consumer.



Design & Engineering

We define all possible variables including customer requests, whether aesthetic, ergonomic or functional. With technical and 3D drawings, mechanical design is the first stage in the construction of a light tower.

Prototyping

Prototyping is the step before industrialising. It allows for dimensional, functional and stability verification.

Feasibility analysis

The feasibility analysis is essential to collect all the key points of the project in such a way that any critical points can emerge immediately and can be remedied before the start of planning.

Laser Cutting

Laser is able to make very clean cuts. All types of holes are drilled with great precision, total absence of burrs and speed, and special shapes can be obtained with some ease.

Galvanizing

All the moving parts of our lighting towers are treated with the electrolytic galvanizing method. This type of processing is known as 'cold' galvanising and guarantees the highest level of aesthetics and functionality.

Painting & Assembly

The thermosetting powder coating make the our products resistant to atmospheric agents, guaranteeing their protection over time. The assembly process is optimized, with a rigorous control of the logistical aspects of handling the components in line and in the warehouse.

Test & Quality Control

To ensure the quality, all products are tested subjecting them to extreme conditions: functional efficiency test, proof of effectiveness and safety test.

Shipment

Italtower personally oversees every step of shipment. Transported by road or container, your light towers will arrive at their destination safely and in the shortest possible time.

Spare Parts & Warranty

Spare parts are always available in our warehouse: a range of original components, fully managed by Italtower and with the collaboration of our selected partners and suppliers. Each product has a minimum warranty of 12 months which can be extended up to 24 months. The company has an international distribution network with well-trained companies capable of providing an excellent service to the end customer.



// OUR LIGHTING TOWERS

FIND OUT WHICH ONE IS BEST SUITED TO YOUR NEEDS.

LOW EMISSION LIGHTING TOWERS

Astrid Hybrid Crystal 12
Astrid Hybrid Lithium 13
Street Solar 14
Full Solar 15

ENGINE POWERED

LIGHTING TOWERS

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Basic 320W	41

ISSIONS TOWERS LOW EMISS



// FULL POWER OF NEW TECHNOLOGY

Our low-emissions lighting towers range represents our commitment for the future: developing sustainable and innovative models helps us adopting a long-term view and strategy. Our sustainable lighting towers guarantee low CO2 emissions, low acoustic emission and low consumption minimizing their environmental impact.

OUR PRODUCTS RECOMMENDATIONS

FOR MULTIPLE APPLICATIONS



E

Events

Ideal for companies in the rental sector looking for a stand alone unit with zero noise emissions and zero pollution.

BEST CHOICE IN ITS CATEGORY: Street Solar





Rental

Ideal for companies in the rental sector looking for a unit with low noise/CO2 emissions and high running time.

BEST CHOICE IN ITS CATEGORY: Astrid Hybrid Crystal





Construction Sites

The most eco-friendly solution for your construction site: zero noise, zero co2 emissions and an integrated battery storage system to run your tools.

BEST CHOICE IN ITS CATEGORY: Astrid Hybrid Lithium

Astrid Hybrid Crystal

6x100W LED | 8.5m

Astrid Hybrid Crystal is equipped with a hybrid diesel-electric gen-set and a 4 Crystal battery pack which guarantee low CO2 emissions, low consumption, and doubled autonomy at the same time.

RUNNING TIME

LIGHTING AREA

COST SAVING

BATTERIES

ENGINE

Stage V

EMISSION

4xCrvstals 200 Ah

SHIPMENT EFFICIENCY



AREA

3300 sqm

LUMEN 78.0000 lm

ILLUMINATED

AUTONOMY 480 hours

ENGINE

Yanmar 2TNV70

ACOUSTIC EMISSION 61db @7m

CONTROL UNIT Comap AMF25

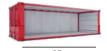
VOLTAGE 24 V

11x 🗩 ...



13.5 m







Astrid Hybrid Lithium is equipped with a hybrid diesel-electric gen-set and a 200 Ah Lithium battery pack which guarantee low CO2 emissions, low consumption and the highest running time on the market.

RUNNING TIME

LIGHTING AREA

COST SAVING

SHIPMENT EFFICIENCY



LUMEN 78.0000 lm

3300 sqm

ILLUMINATED AREA

AUTONOMY 1000 hours ENGINE

Yanmar 2TNV70

ACOUSTIC EMISSION 61db @7m

CONTROL UNIT Comap AMF25 BATTERIES

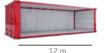
1x 200 Ah

ENGINE EMISSION Stage V

VOLTAGE 24 V









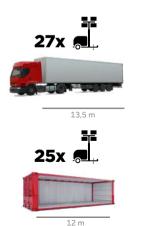
Street Solar 6000 lumen LED | 5.5m

LIGHTING AREA

Street Solar is the new LED lighting tower powered by a 60W solar panel and a battery pack. An **innovative**, **functional** and **substainable** solution perfect for safety applications. **Compact** and **foldable**, these are the features that make it easy to carry.

COST SAVING

	LUMEN	AUTONOMY	PIR SENSOR
	6.000 lm	Up to 10 days	120° -> 5m
	ILLUMINATED	SOLAR PANEL	CONTROL
	AREA	POWER	UNIT
	450 sqm	60 W	None
1			
	ENGINE	LITHIUM	ACOUSTIC
-	EMISSION	BATTERIES	EMISSION
-	Zero	14.8 V/ 2.6 Ah	0 db



Full Solar

4x100 W LED | 7m

Thanks to its four 305W monocrystal silicon solar panels, Full Solar is a 100% substainable lighting tower, suitable for heavy duty applications. Its 4 lockable sides and height-adjustable stabilisers make it more stable in settings such as construction sites and mines.

RUNNING TIME

LIGHTING AREA

COST SAVING

SHIPMENT EFFICIENCY



LUMEN 52.000 lm **STABILIZERS** 4 + 1

BATTERIES 2X AGM 260 Ah

ILLUMINATED AREA 2500 sqm

SOLAR PANEL **POWER** 4x305 W

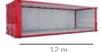
ENGINE EMISSION 7ero

TOWING Site-tow

SOLAR PANEL ACOUSTIC **TYPE**

Monocrystal 0 db Silicon

EMISSION



13.5 m

OWERS П 7 СH

HUBBU



// DESIGNED FOR DURABILITY

Our engine-powered lighting towers are equipped with high-quality Kohler or Yanmar engines that provide high performance and low fuel consumption. These types of light towers can be used under various circumstances and in different climatic conditions due to their resistance to high/low temperatures, dust and strong winds.

OUR PRODUCTS RECOMMENDATIONS

FOR MULTIPLE APPLICATIONS



Oil&Gas

Powerful 20 kVA generator, high running time and integrated remote control available to let everything run in the best way even in the most extreme conditions.

BEST CHOICE IN ITS CATEGORY: Polar



Mining

The perfect solution for a mining site is a lighting tower equipped with a tilting head, highly performant led lights and adjustable height trolley.

BEST CHOICE IN ITS CATEGORY: Astrid MINE



Military Applications

The road-tow trailer approved for circulation, the compact size and long running time are the main feautures that a lighting tower must have for military application.

BEST CHOICE IN ITS CATEGORY: Mantis



Astrid EVO 6x160W LED | 8.5m

Astrid EVO is the most cost-effective model of ASTRID series. **Compact, resistant, functional:** these are the strengths points of our model. Thanks to its Stage V generator, it's able to lower consumption by 70% and in the same way reduce CO2 emissions. The **trailer is approved** for circulation on roads.

RUNNING TIME

LIGHTING AREA

COST SAVING

SHIPMENT EFFICIENCY

LUMEN 131.520 lm ENG Yanı

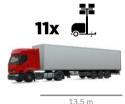
ENGINE Yanmar 2TNV70 ALTERNATOR Linz Alumen

ILLUMINATED AREA 4300 sqm

ACOUSTIC EMISSION 61db @7m ENGINE EMISSION Stage V

AUTONOMY 200 hours CONTROL UNIT Deep Sea 3110

VOLTAGE 230 V



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12 m

Astrid PRO

4x320W LED | 8.5m

Astrid PRO is one of the most versatile lighting towers thanks to a series of optionals included as standard like grid/engine selector and road-approved trailer. The attention to every detail makes Astrid a safe, easy to use and effective product, thanks also to the Amoss safety kit included.

RUNNING TIME

LIGHTING AREA

COST SAVING

SHIPMENT EFFICIENCY



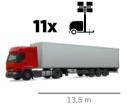


ENGINE Yanmar 2TNV70 ALTERNATOR Linz Alumen

ILLUMINATED AREA 5000 sqm ACOUSTIC EMISSION 61db @7m ENGINE EMISSION Stage V

AUTONOMY 200 hours

CONTROL UNIT Deep Sea L401 VOLTAGE 230 V









Astrid MINE

6x320W LED 48V | 8.5m

Astrid MINE, with approved its road-tow trailer, is the most equipped model of the Astrid range. It is suitable for mining sites and weatherproof. Thanks to its highly performant led lights, this model is suitable for wide areas applications.

RUNNING TIME

LIGHTING AREA

COST SAVING

SHIPMENT EFFICIENCY

LUMEN 268.800 lm **ENGINE** Yanmar 3TNM68

ALTERNATOR Linz Alumen

ILLUMINATED AREA 7800 sqm

ACOUSTIC EMISSION 61db @7m

ENGINE EMISSION Stage V

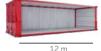
AUTONOMY 183 hours

CONTROL UNIT Deep Sea L401

VOLTAGE 48 V







Okapi EVO

6x160W LED | 8.5m

Thanks to its essential configuration, Okapi Evo, is a complete and cost saving lighting tower. The control and sockets panel are located inside the machine body, making it a safe solution for rental applications.

RUNNING TIME

LIGHTING AREA

COST SAVING

SHIPMENT EFFICIENCY

LUMEN 131.520 lm

ENGINE Yanmar 2TNV70 **ALTERNATOR** Linz Alumen

ILLUMINATED AREA 4300 sqm

ACOUSTIC EMISSION 61db @7m **ENGINE EMISSION** Stage V

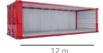
AUTONOMY 436 hours

CONTROL UNIT Deep Sea 3110

VOLTAGE 230 V









Okapi PRO

4x320W LED | 8.5m

Okapi PRO is our **standard stationary engine lighting tower**. Thanks to its 16 A 230 V socket plug, it can also be powered by an external network. The 240 It fuel tank increases the **autonomy** of Okapi Pro up to 436 hours.

RUNNING TIME LIGHTING AREA

ITING AREA COST SAVING

ST SAVING SHIPMENT EFFICIENCY

LUMEN 179.200 lm

ENGINE Yanmar 2TNV70 ALTERNATOR Linz Alumen

ILLUMINATED AREA 5000 sqm ACOUSTIC EMISSION 61db @7m ENGINE EMISSION Stage V

AUTONOMY 436 hours CONTROL UNIT Deep Sea L401 VOLTAGE 230 V







Okapi MINE

6x320W LED 48V | 8.5m

Okapi MINE is the most complete model of the OKAPI range thanks to all the options already included as standard. Available with control and monitoring devices, it's the ideal choice for illuminating remote areas in extreme conditions.

RUNNING TIME

LIGHTING AREA

COST SAVING

SHIPMENT EFFICIENCY



LUMEN 268.800 lm

7800 sqm

AREA

ENGINE Yanmar 3TNM68 **ALTERNATOR** Linz Alumen

ILLUMINATED

ACOUSTIC EMISSION 61db @7m

ENGINE EMISSION Stage V

AUTONOMY 400 hours

CONTROL UNIT Deep Sea L401

VOLTAGE 48 V









Fenix

4x320W LED | 8.5m

Fenix is one of Italtower's bestsellers thanks to its essential configuration and excellent quality-price ratio. Its compact size guarantees the best transport optimization, allowing the shipment of the largest quantity of units in the market

RUNNING TIME

LIGHTING AREA

COST SAVING

SHIPMENT EFFICIENCY

LUMEN 179.200 lm **ENGINE** Yanmar 2TNV70 **ALTERNATOR** Linz Alumen

ILLUMINATED AREA 5000 sqm

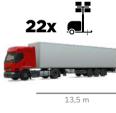
ACOUSTIC EMISSION 65 db @7m

ENGINE EMISSION Stage V

AUTONOMY 182 hours

CONTROL UNIT Deep Sea 3110

VOLTAGE 230 V









Mantis 4x320W LED | 7m

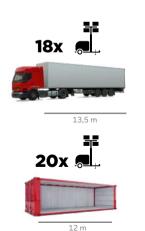
Mantis is the lightest and most compact lighting tower approved for road circulation in the entire Italtower range. It is the ideal solution for those looking for an easily transportable, suitable to multiple uses and

extremely versatile product.

COST SAVING

LUMEN	ENGINE	ALTERNATOR
179.200 lm	Yanmar 2TNV70	Linz Alumen
ILLUMINATED	ACOUSTIC	ENGINE
AREA	EMISSION	EMISSION
5000 sqm	65 db @7m	Stage V
AUTONOMY	CONTROL UNIT	VOLTAGE
200 hours	Deep Sea 3110	230 V

LIGHTING AREA





Polar

4x320W LED | 8.5m

Polar is the most powerful lighting tower in the range, capable to perfectly work even at the lowest or highest temperatures. Thanks to its 20kVA gen-set, Polar works perfectly as lighting tower and generator at the same time

RUNNING TIME

LIGHTING AREA

COST SAVING

SHIPMENT EFFICIENCY

LUMEN

179.200 lm

ILLUMINATED AREA 5000 sqm

AUTONOMY 108 hours

ENGINE

Kohler KDI 1903M

ACOUSTIC EMISSION 68 db @7m

CONTROL UNIT Deep Sea L401

ALTERNATOR Mecc Alte ECP28 M/4

ENGINE EMISSION Stage V

VOLTAGE 400 V

13.5 m



RUNNING TIME

Pegaso 4x160W LED | 5.5m

Pegaso is the ideal lighting tower for those looking for self-power, easy to transport and handy product. The **removable generator** and its compactness make it the right solution for those looking for a **versatile and easy to use** product.

COST SAVING

	LUMEN	ENGINE	FUEL
	87.680 lm	6 kVA - 14 HP	Gasoline
L	ILLUMINATED	ACOUSTIC	ENGINE
	AREA	EMISSION	EMISSION
	2400 sqm	70 dB @ 5.5m	Stage V
49	AUTONOMY	START	TROLLEY
	27 hours	Manual	Manual

LIGHTING AREA



JEHTING TOWERS



// FLEXIBILITY AT YOUR FINGERTIPS

Lighting towers built without an engine can be connected to a power supply or generator, ensuring high performance and saving on fuel and maintenance. This range of lighting towers can be used in various circumstances due to the absence of CO2 and noise emissions. The engine-less lighting towers can be connected in series with each other powered by a single energy source.

OUR PRODUCTS RECOMMENDATIONS

FOR MULTIPLE APPLICATIONS



Construction Sites

Easy to transport, connectable in series and high lighting performance. Easy to handle thanks to its ergonomic and safe manual trolley.

BEST CHOICE IN ITS CATEGORY: Towerloop



Mining

Largest lighting coverage in the plug-in range with low maintance costs. Easily connectable in series to the grid or to a generator.

BEST CHOICE IN ITS CATEGORY: Basetower



Rental

Low maintenance, compact dimensions and high return on investment. The perfect solution for your rental fleet.

BEST CHOICE IN ITS CATEGORY: Orus

Towerloop 4x160W LED | 7m

Towerloop guarantees high performance, low costs and excellent portability. Easy to transport and connectable in series: thanks to its technology, it is possible to connect up to six units to the same energy source.

0.64 kW

LIGHTING AREA **COST SAVING** LUMEN **FREQUENCY VOLTAGE** 87.680 lm 50 Hz 230 V **ILLUMINATED ACOUSTIC ENGINE** AREA **EMISSION EMISSION** 2800 sqm 0 db None CONSUMPTION 4X160W TRAILER START Manual Automatic

or Manual

RUNNING TIME

Trolley





Street Plug-in

4x160W LED | 5.5m

Street Plug-in is an easy to carry and an extremely compact, stationary light tower with four lifting brackets. Thanks to its standard europallet size and reduced weight, Street plug-in guarantees compactness and portability.

COST SAVING

CONSUMPTION 4X160W

0.64 kW

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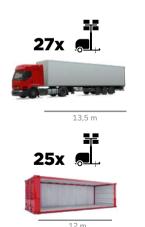
START

Manual

BASEMENT

Stationary

LIGHTING AREA





Basetower

BASEMENT

Stationary

4x320W LED | 8.5m

Basetower is designed to guarantee high stability and secure parking even in the most critical applications. Performing and efficient: the hydraulic lifting mast allows easy and quick operation. Its powerful led lights and connection in series guarantee wide lighting coverage.

COST SAVING

CONSUMPTION

4X320W

1.28 kW

LUMEN **FREQUENCY VOLTAGE** 179.200 lm 50 Hz 230 V **ILLUMINATED ACOUSTIC ENGINE** AREA **EMISSION EMISSION** 5000 sqm 0 db None

START

Automatic

or Manual

LIGHTING AREA





Orus 4x320W LED | 9m

Orus is the new plug-in lighting tower with an extremely compact design. Thanks to its standard europallet size 80x120 cm, the lighting tower is easy to carry. The Orus' technology allows up to 6 units to be **connected in series** to the same energy source.

COST SAVING

CONSUMPTION 4X320W

1.28 kW

	LUMEN	FREQUENCY	VOLTAGE
	179.200 lm	50 Hz	230 V
Ļ	ILLUMINATED	ACOUSTIC	ENGINE
	AREA	EMISSION	EMISSION
	5000 sqm	0 db	None

START

Automatic

or Manual

LIGHTING AREA





Barrowtower

4x160W LED | 5.5m

Barrowtower is a manual trolley lighting tower able to house any portable generator. It is the perfect solution when a generator is available and a **practical**, **easy to use and economic** product is needed.

COST SAVING

0.24 kW

LUMEN LIFTING **VOLTAGE** 87.680 lm Manual 230 V **ILLUMINATED ACOUSTIC ENGINE** AREA **EMISSION EMISSION** 2400 sqm 0 db None CONSUMPTION 4X160W **TOWING** GEN-SET MAX DIM Manual Trolley

900x600 mm

LIGHTING AREA



Urano 4x320W LED | 7m

Urano is the universal lighting tower able to house any type and brand of genset. The compact and universal design make Urano a versatile, ergonomic product, suitable for any use and situation.

RUNNING TIME

LIGHTING AREA

COST SAVING

SHIPMENT EFFICIENCY



LUMEN 179.200 lm

LIFTING Manual

VOLTAGE 230 V

ILLUMINATED AREA 4300 sqm

ACOUSTIC EMISSION 0 db

ENGINE EMISSION None

GEN-SET MAX DIM 1600x720 mm **TOWING** Slow Trailer

CONSUMPTION 4X320W 1.3 kW







Simple

MT

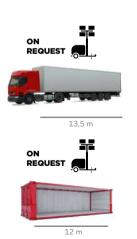
4x160W LED | 5.5/7m

MT is a simple and quick solution for every need, easy to move anywhere light is needed. It's a vertical light tower without generator equipped with a 10m cable to connect the headlights through CEE socket.

0.64 kW

RUNNING TIME LIGHTING AREA **COST SAVING** LUMEN LIFTING **VOLTAGE** Manual 87.680 lm 230 V ILLUMINATED **ACOUSTIC ENGINE** AREA **EMISSION EMISSION** 2400 sqm 0 db None CONSUMPTION 4X160W **BASEMENT** START 4 Stabilizers Manual

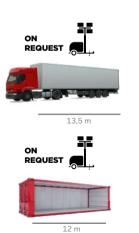
10m cable

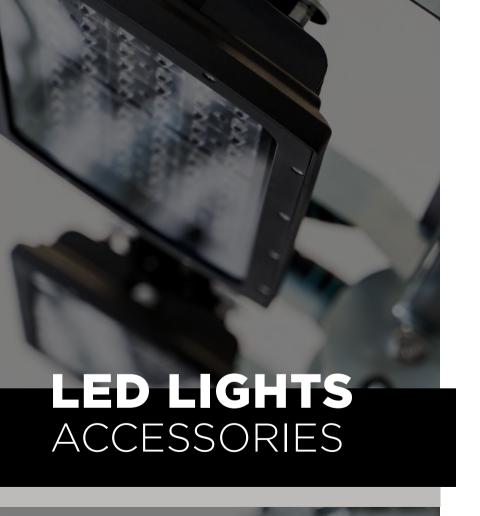


KT 4x160W LED | 5.5m

KT is a vertical light tower **without generator** equipped with 4 holes to be fixed to a wall or to a generator. Its simplicity makes it an essential and **ready-to-use** product anywhere a power supply is available.

RUNNING TIME LIGHTING AREA **COST SAVING** LUMEN LIFTING **VOLTAGE** Manual 87.680 lm 230 V ILLUMINATED **ACOUSTIC ENGINE** AREA **EMISSION EMISSION** 2800 sqm 0 db None CONSUMPTION 4X160W **BASEMENT** START 4 holes Manual 0.64 kW 10m cable





// LIGHT UP YOUR NEEDS

A range of **LED floodlights** with the highest manufacturing standards that excel in reliability and performance thanks to all the **quality of Made in Italy**.

Every detail, from design to manufacture, is taken care of by Italtower to ensure optimal and consistent operation over time. Intense, uniform and efficient brightness: thanks to their technology, they reduce the power consumption without compromising performance.

Guaranteed for 5 years from sale, they are the ideal choice for any lighting tower, ensuring optimal visibility in any situation.

MICRO 75W

FL 75-16

The Micro led floodlight is the ideal choice for small to medium areas. Perfect for all lighting towers, its multiled feature makes the light beam wider and more even. Durable and safe: the floodlight features extra-clear tempered glass and a die-cast aluminum body, making it suitable for both outdoor and indoor use.



LIFE-TIME 100,000 hours LUMEN 9060 lm **VOLTAGE** 200-240 Vac 50/60Hz LED

Osram 5700K Ra > 70

IMPACT **PROTECTION**

IK 08

RISK GROUP Class RG 0

DRIVER

Class I

PROTECTION

N° LED

16

IEC.

External IP67





FL 160-32

The Basic 160W led floodlight is the ideal choice for medium to wide areas. Perfect for all lighting towers, its multiled feature makes the light beam wider and more even. Every Led light has its external flicker free driver and its 32 multiled make the light beam wider and more even. Multiled LED fitted for even illumination and maximum efficiency.



LIFE TIME LED N° LED

100.000 hours Osram 5700K
Ra > 70

22

LUMEN IMPACT IEC 19600 Im PROTECTION PROTECTION

IK 08 Class I

VOLTAGE RIS 200-240 Vac Cla 50/60Hz

RISK GROUP DRIVER
Class RG 0 External IP67

Basic



BASIC 320W

FL 320-72

The Basic 320W led floodlight is the ideal choice for wide areas. Thanks to the set-up of multiled makes the light beam wider and more homogeneous. Ergonomic handles located on both sides allow the tilt of the floodlight to be adjusted.



LIFE TIME

LED

N° LED

100.000 hours

Osram 5700K Ra > 70 72

LUMEN 40200 lm IMPACT PROTECTION IEC PROTECTION

IK 08

Class I

VOLTAGE

200-240 Vac 50/60Hz RISK GROUP Class RG 0 DRIVER

External IP67





Via J. Keplero, 1a, 35028 Piove di sacco PD | ITALY T. +39 049 5840542 | M. info@italtower.com www.italtower.com



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www.italtower.com





