ITALTOWER® HEAVY DUTY LIGHTING TOWERS

// CATALOGUE
LIGHTING TOWERS 2024

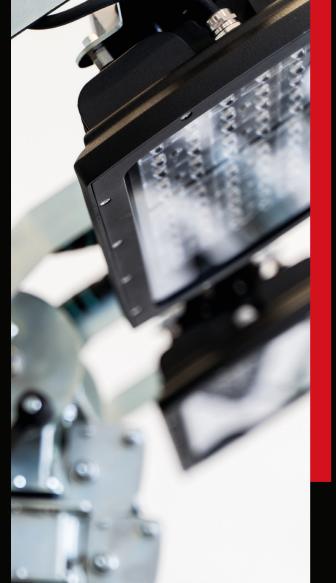


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// ABOUT US

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.

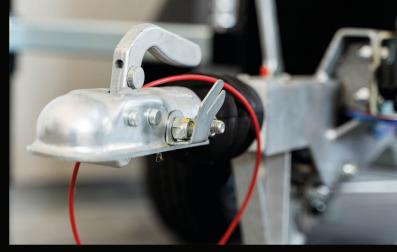
A complete range

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

Astrid Evo	18	Okapi Mine	23
Astrid Pro	19	Fenix	24
Astrid Mine	20	Mantis	25
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PLUG IN

LIGHTING TOWERS

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LED

FLOODLIGHTS

Mic	ro 75W	39
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OW EMISSION GHTING TOWERS



// 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



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

SHIPMENT EFFICIENCY



LUMEN 78.0000 lm

ENGINE Yanmar 2TNV70

BATTERIES 4xCrystals 200 Ah

ILLUMINATED AREA 3300 sgm

ACOUSTIC EMISSION 61db @7m ENGINE EMISSION Stage V

AUTONOMY 480 hours CONTROL UNIT
Comap AMF25

VOLTAGE 24 V









Astrid Hybrid Lithium 6x100W LED | 8.5m

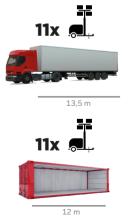
Astrid Hybrid Lithium is equipped with a hybrid diesel-electric gen-set and a 200 Ah Lithium battery pack which guarantee low CO2 emissions, low consumption and the highest running time on the market.

COST SAVING

LUMEN **ENGINE BATTERIES** 78.0000 lm Yanmar 2TNV70 1x 200 Ah **ILLUMINATED ACOUSTIC ENGINE** AREA **EMISSION EMISSION** 3300 sqm 61db @7m Stage V **AUTONOMY** CONTROL UNIT **VOLTAGE** 1000 hours Comap AMF25 24 V

LIGHTING AREA

RUNNING TIME





Street Solar 6000 lumen LED | 5.5m

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

LIGHTING AREA



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

Site-tow

4 + 1

STABILIZERS

BATTERIES 2X AGM 260 Ah

ILLUMINATED SOLAR PANEL **POWER** 4x305 W

FNGINE EMISSION Zero

SOLAR PANEL ACOUSTIC **TYPE** Monocrystal Silicon

EMISSION 0 db







TOWERS ENGINE IGHTING П U

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// 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





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

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



13.5 m







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



LUMEN 179.200 lm

ILLUMINATED AREA 5000 sqm

AUTONOMY 200 hours ENGINE Yanmar 2TNV70

ACOUSTIC EMISSION 61db @7m

CONTROL UNIT Deep Sea L401 ALTERNATOR

Linz Alumen

ENGINE EMISSION Stage V

VOLTAGE

230 V

11x \$



13.5 m



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

AREA

ENGINE Yanmar 2TNV70

ALTERNATOR Linz Alumen

ILLUMINATED 4300 sqm

ACOUSTIC EMISSION 61db @7m

ENGINE EMISSION Stage V

AUTONOMY 436 hours

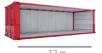
CONTROL UNIT Deep Sea 3110

VOLTAGE 230 V





13.5 m





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 lt fuel tank increases the autonomy of Okapi Pro up to 436 hours.

COST SAVING

VOLTAGE

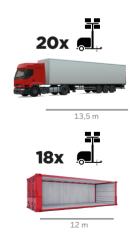
230 V

LUMEN **ENGINE ALTERNATOR** 179,200 lm Yanmar 2TNV70 Linz Alumen **ILLUMINATED ACOUSTIC ENGINE** AREA **EMISSION EMISSION** 5000 sqm 61db @7m Stage V

CONTROL UNIT

Deep Sea L401

LIGHTING AREA





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

ALTERNATOR

Linz Alumen

ENGINE EMISSION

Stage V

48 V

VOLTAGE

SHIPMENT EFFICIENCY



LUMEN ENGINE
268.800 lm Yanmar 3TNM68

ILLUMINATED

AREA

7800 sqm

400 hours

AUTONOMY

ACOUSTIC FMISSION

EMISSION 61db @7m

CONTROL UNIT
Deep Sea L401

20x

13,5 m





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 5000 sqm

179,200 lm ILLUMINATED AREA

AUTONOMY

182 hours

ACOUSTIC EMISSION 65 db @7m

ENGINE

Yanmar 2TNV70

CONTROL UNIT Deep Sea 3110

ALTERNATOR Linz Alumen

ENGINE

EMISSION Stage V

230 V

VOLTAGE



12 m

13.5 m



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.

RUNNING TIME LIGHTING AREA

COST SAVING

SHIPMENT EFFICIENCY

LUMEN 179.200 lm

ENGINE Yanmar 2TNV70 ALTERNATOR Linz Alumen

ILLUMINATED AREA 5000 sgm

ACOUSTIC EMISSION 65 db @7m ENGINE EMISSION Stage V

AUTONOMY 200 hours

CONTROL UNIT Deep Sea 3110 VOLTAGE 230 V



13,5 m





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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



ENGINE Kohler KDI 1903M ALTERNATOR Mecc Alte ECP28 M/4

ILLUMINATED AREA 5000 sgm

AUTONOMY

108 hours

ACOUSTIC EMISSION 68 db @7m ENGINE EMISSION Stage V

CONTROL UNIT Deep Sea L401 VOLTAGE 400 V



13,5 m







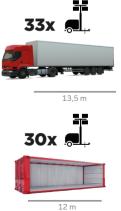
Pegaso 4x160W LED | 5.5m

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
1	ILLUMINATED	ACOUSTIC	ENGINE
	AREA	EMISSION	EMISSION
	2400 sqm	70 dB @ 5.5m	Stage V
	AUTONOMY	START	TROLLEY
	27 hours	Manual	Manual

LIGHTING AREA



PLUGIN IGHTING 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.

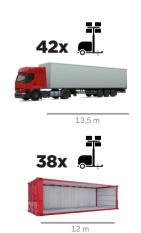
BEST CHOICE IN ITS CATEGORY: Orus



Towerloop4x160W 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.

RUNNING TIME LIGHTING AREA **COST SAVING** LUMEN **FREQUENCY** VOLTAGE 87.680 lm 50 Hz 230 V **ACOUSTIC ILLUMINATED ENGINE** AREA **EMISSION EMISSION** 2800 sqm 0 db None **TRAILER** CONSUMPTION 4X160W START Manual **Automatic** 0,64 kW Trolley or Manual





Street Plug-in

4x160W LED | 5.5m

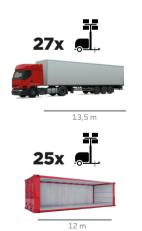
LIGHTING AREA

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

LUMEN **FREQUENCY** VOLTAGE 87.680 lm 50 Hz 230 V **ILLUMINATED ACOUSTIC ENGINE** AREA **EMISSION EMISSION** 2400 sqm 0 db None **BASEMENT** CONSUMPTION 4X160W START Stationary Manual 0,64 kW

RUNNING TIME



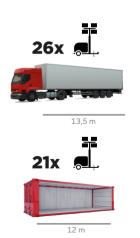


Basetower

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.

LIGHTING AREA **RUNNING TIME** COST SAVING LUMEN **FREQUENCY** VOLTAGE 179,200 lm 50 Hz 230 V ILLUMINATED **ACOUSTIC ENGINE** AREA **EMISSION EMISSION** 5000 sqm 0 db None **BASEMENT** CONSUMPTION 4X320W START Stationary Automatic 1,28 kW or Manual





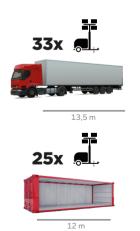
Orus 4x320W LED | 9m

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

KOMMING	JIME LIGH	ING AREA	COST SAVING	
	LUMEN	FREQUENCY	VOLTAGE	
	179.200 lm	50 Hz	230 V	
	ILLUMINATED	ACOUSTIC	ENGINE	
	AREA	EMISSION	EMISSION	
	5000 sqm	0 db	None	
	BASEMENT	START	CONSUMPTION 4X320W	
-1	Stationary	Automatic		
- 6		or Manual	1,28 kW	

LIGHTING ADEA



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

LUMEN LIFTING VOLTAGE 87.680 lm 230 V Manual **ACOUSTIC ILLUMINATED ENGINE** AREA **EMISSION EMISSION** 2400 sqm 0 db None **TOWING** GEN-SET MAX DIM CONSUMPTION 4X160W Manual Trolley 900x600 mm 0,24 kW

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

ACOUSTIC EMISSION 0 db

ENGINE EMISSION None

TOWING Slow Trailer CONSUMPTION 4X320W 1,3 kW



13.5 m



SHIPMENT EFFICIENCY

13.5 m

12 m

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.

RUNNING TIME LIGHTING AREA COST SAVING LUMEN LIFTING VOLTAGE 87.680 lm Manual 230 V ILLUMINATED **ACOUSTIC ENGINE** AREA **EMISSION EMISSION** 2400 sqm 0 db None CONSUMPTION 4X160W **BASEMENT** START 4 Stabilizers Manual 0,64 kW 10m cable



KT 4x160W LED | 5.5m

RUNNING TIME

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.

COST SAVING

LUMEN LIFTING VOLTAGE 87.680 lm Manual 230 V ILLUMINATED **ACOUSTIC ENGINE** AREA **EMISSION EMISSION** 2800 sqm 0 db None START CONSUMPTION 4X160W **BASEMENT** 4 holes Manual 0,64 kW 10m cable

LIGHTING AREA





// 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

Class I

RISK GROUP I Class RG 0

DRIVER External IP67

PROTECTION

N° LED

16

IEC

M09I Basi

BASIC 160W 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 100.000 hours LED Osram 5700K

32

Osram :

IMPACT PROTECTION

IEC

IK 08

PROTECTION

Class I

N° LED

VOLTAGE 200-240 Vac 50/60Hz

LUMEN

19600 lm

RISK GROUP Class RG 0 DRIVER External IP67

320W Basi



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 100.000 hours LED Osram 5700K

72

Ra > 70

IMPACT PROTECTION

IEC

N° LED

IK 08

PROTECTION

Class I

VOLTAGE 200-240 Vac 50/60Hz

LUMEN

40200 lm

RISK GROUP

DRIVER External IP67





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