



LIGHT ELEVATED





ABOUT US

Xummit is the Mobile Light & Power brand of Luxtronik Technology. Luxtronik specializes in the design and manufacturing of advanced lighting products & systems. We are an international team with a 12+ year track record, having produced over 1 million fixtures and masts, installed in more than 40 countries worldwide.

Xummit was born from the idea of reinventing how light towers were designed, powered, and perform. From this we set about creating a range of innovative, sustainable, portable light towers & power solutions that combine robust build quality, smart control, and powerful performance in extremely compact form factors.

+40
Countries
Products Sold

x1000
Customers

+46
Listed Patents

+11
Years Lighting
Background

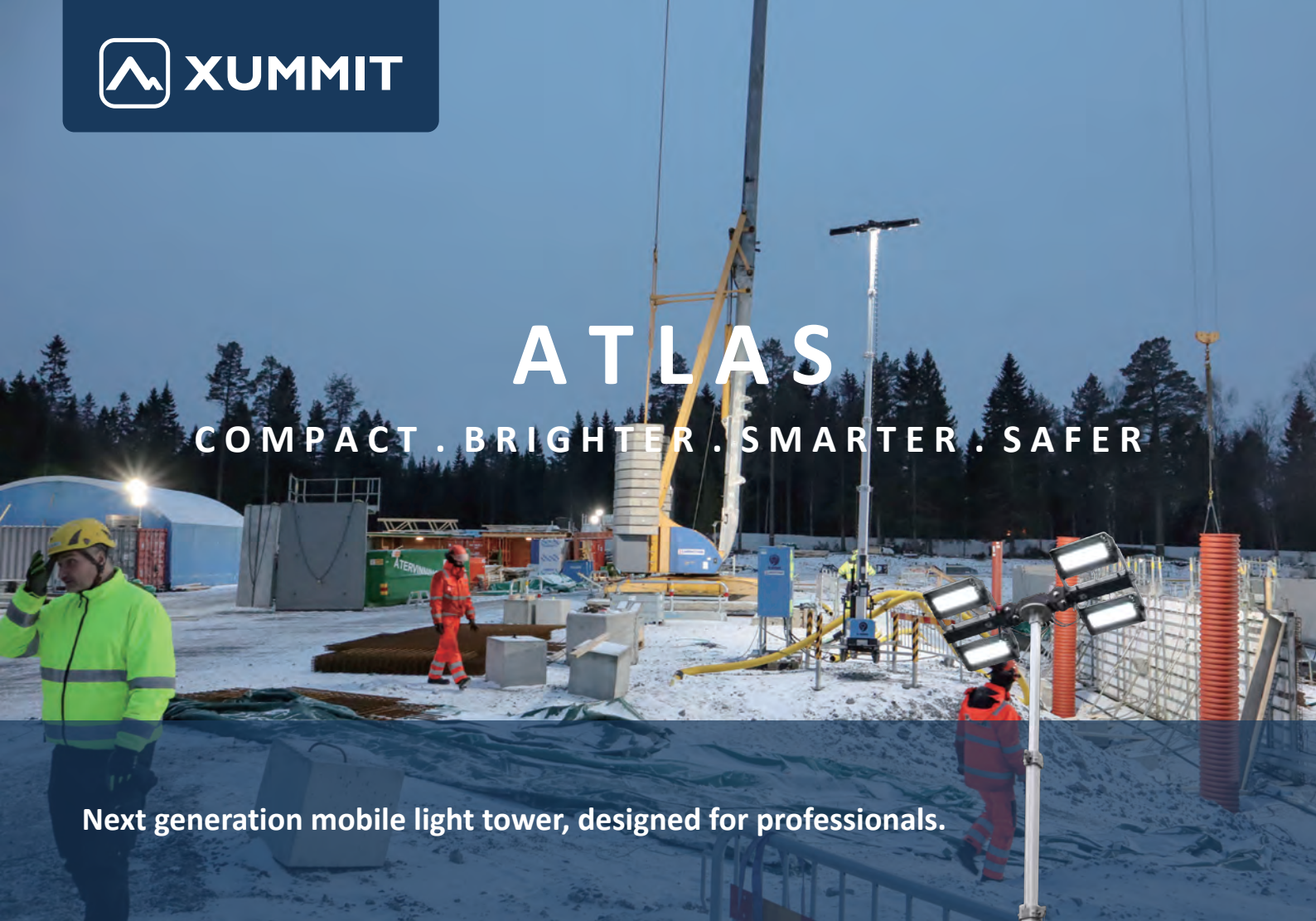
+30,000
SQM Factory

+1M
Fixtures & Masts
Produced

+6
Yrs High-Tech
Enterprise




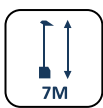














ATLAS

COMPACT . BRIGHTER . SMARTER . SAFER



Next generation mobile light tower, designed for professionals.

Atlas easily replaces diesel driven light towers with much less weight and a fraction of the energy required, delivering low glare, brilliant light coverage in half the size of standard light towers.

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FEATURES

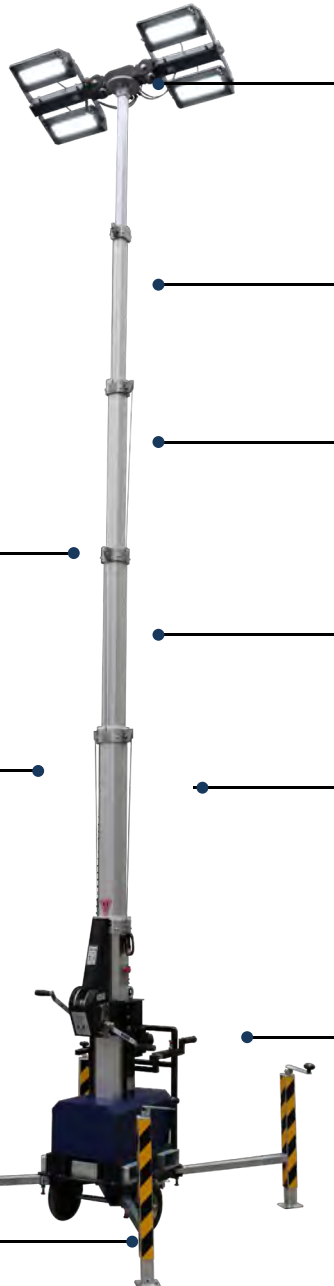
LIGHTING PERFORMANCE

4,296m²
Min. 5 lux

4,296m²
Avg. 25 lux

Dark Sky Optics

lm
168,000



340°
Rotatable Mast

Linkable

Twist & Swap

Smart Control

Dimmable

OPERATION

Silent Operation

Minimal Maintenance

Plug & Play

Manual Elevation

(OPTIONAL ELECTRIC ELEVATION)

LINK UP TO 2 UNITS FROM A SINGLE POWER SOURCE

TWIST & SWAP NEMA SOCKET FOR LIGHT CONTROL SOLUTIONS

CONTROL, DIM & SCHEDULE THE LIGHTS REMOTELY WITH TWIST & SWAP NEMA SOCKET FOR LIGHT CONTROL SOLUTIONS

NIGHT MODE LIGHT REDUCTION MINIMIZES ENERGY CONSUMPTION & DISRUPTION TO TRAFFIC AND RESIDENTIAL AREAS

MOBILITY

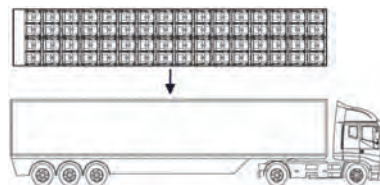
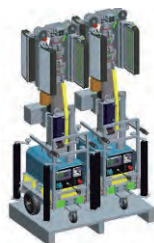
- ADJUSTABLE, RETRACTABLE HANDLES
- JOCKEY WHEEL
- CRANE HOOK
- LARGE FORKLIFT POCKETS (160X80mm)

TRANSPORT EFFICIENCY

Super Compact

DESIGNED AS THE MOST TRANSPORT EFFICIENT 7-METER LIGHT TOWER AVAILABLE.

Delivering cost savings with each transport to and from site and requiring less storage space when at the depot between rentals.



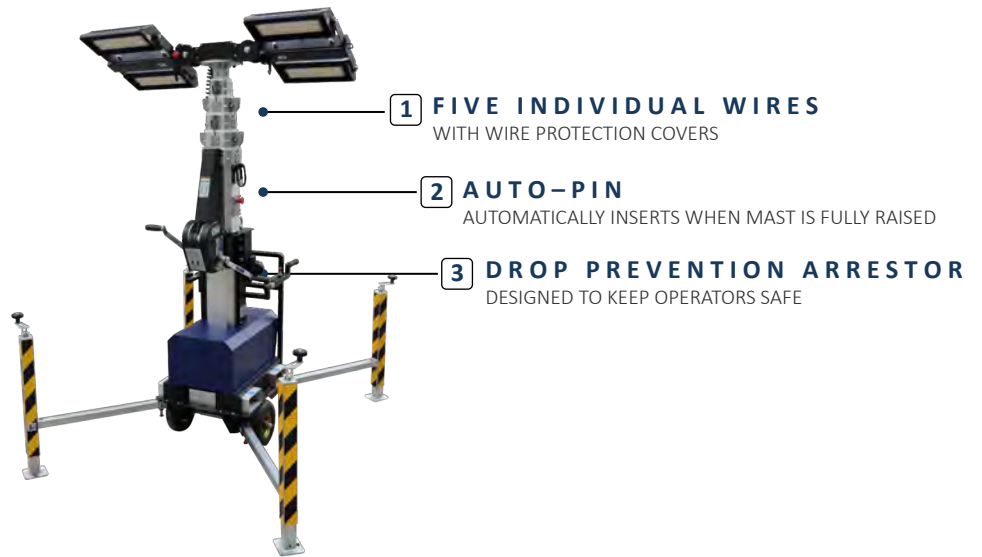
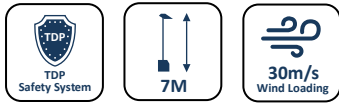
2 UNITS / EURO PALLET

64 UNITS / TRAILER

Twice the quantity of towers compared to other models in the market!

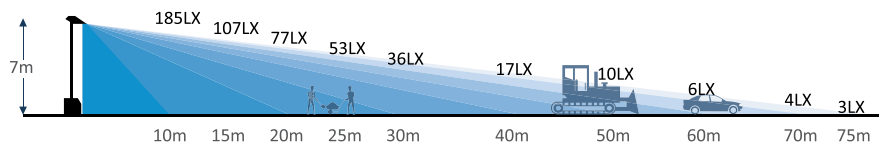
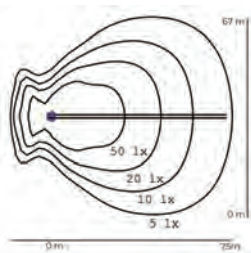
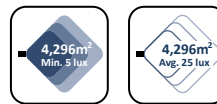
SAFETY & STABILITY

Patented Triple Drop Prevention System (TDP) makes the mast very safe to use.



BRILLIANT LIGHT DISTRIBUTION

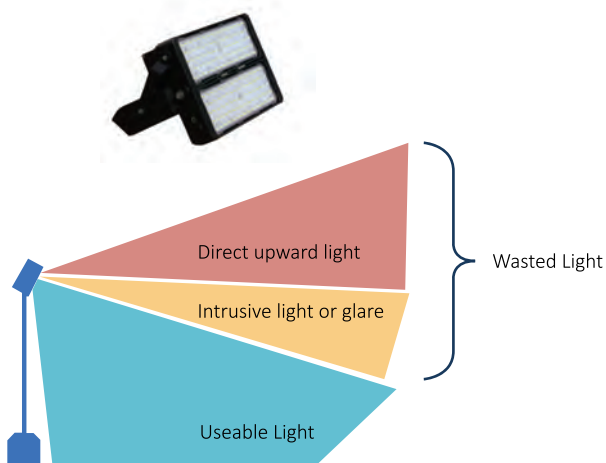
Ultra asymmetric optics direct light only where it is needed, eliminating unnecessary light pollution and wasted power, whilst delivering a longer distance, stronger light throw.



Symbols indicate lux requirements for different construction tasks

Large illuminated area of **4,296m²** with minimum **5 lux** and an average of **25 lux**

TYPICAL FLOODLIGHTS



- Components of light pollution.
- Provide less light in desired direction.

ATLAS



- Delivers further, stronger light throw with **+59%** extra light on the ground.
- No direct upward light when facing ground.
- Minimize glare and disturbance to the local environment and traffic.

TAKE CONTROL OF YOUR LIGHTING

- Equipped as standard with twist & swap NEMA socket for lighting controls
- Manual ON/OFF & night mode

OPTIONS

- Bluetooth: Wireless, controllable, remote lighting management
- Astro Timer: Manual, scheduled lighting control
- Daylight Sensing: Maximize efficiency in combination with natural daylight
- Motion Sensing: For security and maximizing efficiency
- Lorawan: Remote lighting management & monitoring



DESIGNED AND TESTED IN TOUGH ENVIRONMENTS

From the harsh Scandinavian winters, to the hot, rugged terrain of Australia's mining regions, Atlas is built to thrive, providing extremely energy-efficient light in all climates.

TECH SPEC

Model

Series	Atlas
Model No.	MLT-1K2-M (Manual Elevation)
	MLT-1K2-E (Electric Elevation)

Performance

Illuminated Surface	4296 m2
System Power	1200W
Luminous Flux	168,000 lm
Lumen/W	140
Beam Profile	60
Color Temperature (CCT)	5000K

Electrical

Operating Voltage	220-240VAC/50Hz
Power Factor	>0.92
Electrical Class	Class I
Protection	Over Voltage / Over Temp. / Short Circuit
Dimmable	Yes
Input Plug	CEE 230V / Schuko 230V optional

Environmental

Ambient Operating Temp. range	-30°C to +45°C
Storage Temp. Range	-40°C to +80°C
IK class	IK08
IP class	IP65 (lighting) / IP54 (chassi)
Noise Emissions	<5dB(A)

Physical

Fully extended height	7,1 meters
Elevation system	Manual (Electric optional)
Mast Rotation	340
Mobility	Forklift pockets, crane hook-By hand
Dimensions (min.)	788 x 658 x 2046mm
Dimensions (max.)	1455 x 1752 x 6930mm
Weight	217kg
Wind Resistance	30 m/s
Housing Finish	UV stabilised powder coating

Approvals

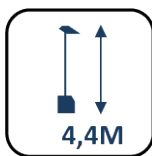
Certifications	CE
Service life L80 B50 (LED)	>100,000 h

MAYA

CONTAINER LIGHT

Turn your on-site containers into a lighting platform

Reduce costs and required space for light masts, the XUMMIT container light kit is a simple to install, reliable light system that provides the same or better lighting performance as conventional light towers.



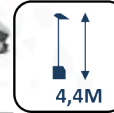


LIGHT PERFORMANCE

- Dark sky optics minimize glare and disturbance of surroundings

BUILT TOUGH

- Robust & Resilient construction.



SMART CONTROL

- Fast fix NEMA socket for daylight sensing or wireless control to dim & schedule the lights remotely.

RELIABLE STABILITY

- Telescopic mast with built in safety locks for
- Multiple height configurations.



EASY TO HANDLE

- Simple, reliable, plug and play connections. Designed to be moved and assembled by a single person.

FLEXIBLE POWER OPTIONS

- Direct AC plug in or as a stand-alone system.

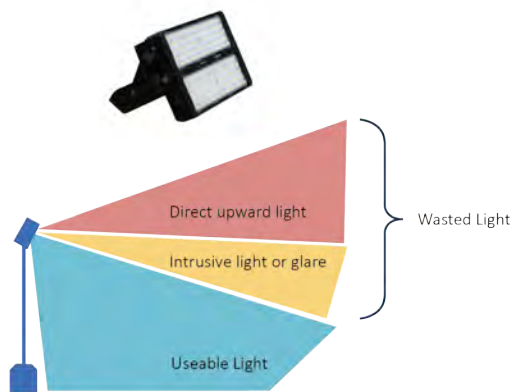


SAFE & SECURE MOUNTING

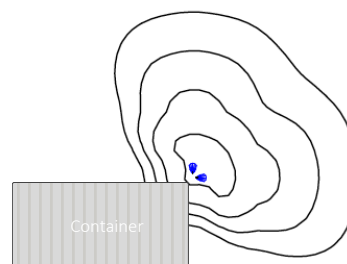
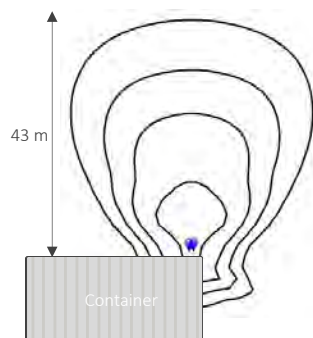
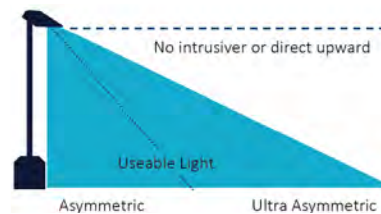
- Fits all types of standard containers.
- Interchangeable mounting plates for side or top mounting to container

BRILLIANT LIGHT DISTRIBUTION

Typical floodlight



MAYA



TAKE CONTROL OF YOUR LIGHTING

- Equipped as standard with twist & swap NEMA socket for lighting controls
- Manual ON/OFF & night mode

OPTIONS

- Bluetooth: Wireless, controllable, remote lighting management
- Astro Timer: Manual, scheduled lighting control
- Daylight Sensing: Maximize efficiency in combination with natural daylight
- Motion Sensing: For security and maximizing efficiency
- Lorawan: Remote lighting management & monitoring



DESIGNED AND TESTED IN TOUGH ENVIRONMENTS

From the harsh Scandinavian winters, to the hot, rugged terrain of Australia's mining regions, Maya is built to thrive, providing extremely energy-efficient light in all climates.

TECH SPEC

Model	
Series	Maya
Model No.	CTL (Container Light Tower)
Performance	
Illuminated Surface	2000 m ²
System Power	400W
Luminous Flux	56,000 lm
Lumen/W	140
Beam Profile	Ultra Assymmetric Dark Sky Optics
Color Temperature (CCT)	5000K
Electrical	
Operating Voltage	100-305VAC/50Hz
Power Factor	>0.92
Electrical Class	Class I
Protection	Over Voltage / Over Temp. / Short Circuit
Dimmable	Yes
Input Plug	CEE 230V

Environmental	
Ambient Operating Temp. range	-30°C to +45°C
Storage Temp. Range	-40°C to +80°C
IK class	IK08
IP class	IP65
Physical	
Fully extended height	4.4M (6.8M incl. container height)
Adjustable height	1.46 - 4.4M
Elevation system	Manual
Wind Resistance	20 m/s
Material	Stainless steel
Surface Treatment	UV stabilised powder coating
Weight	19kg Light & Mast 6.5kg Power Box
Approvals	
Certifications	CE
Service life L80 B50 (LED)	>100,000 h



5 KWH

BATTERY POWER STATION













A mobile, zero emission power supply, built to handle the most demanding environments.

Xummit Battery Power Stations, fill a missing link between the need to reduce emissions from generators and ensuring reliable off-grid energy supply.

Delivering portable, silent and local emission free power to Xummit light towers and other crucial equipment on site.

The unique fanless design is fully resistant to dust and humidity, critical for providing power when you need it most.



- | | | | | | |
|--|---|--|---|--|--|
| 
Fast Charge | 
Advanced BMS | 
LiFePO4 Batteries | 
Multi Charge | 
Pair Link | 
Zero Emissions |
| 
IP66 | 
IK08 | 
Resistant Coating | 
Plug & Play | 
Safety Protection | 
Minimal Maintenance |



SAFETY FIRST

- Automatically extinguishes in case of overheating or fire
- Utilizing LiFePO4 Batteries for safer use
- True sinewave output
- Handles peak power up to 2 times the overload capacity
- Advanced BMS, with triple monitoring chips to regulate and protect the battery life.



DOUBLE YOUR CAPACITY

- Link multiple units together for more power.
- Expand with two battery modules to a maximum of 15.36Wh.



CHARGING FLEXIBILITY

- Fully charged within 2 hrs.
- Supports UPS mode, emergency switching time <20ms when utility power cut off.
- Supports multiple charging options:
- Grid: Increase peak capacity when using a grid connection.
- Solar: Cut your local emissions
- Genset: Guarantee a continuous power supply on locations without a grid connection to charge the battery.



CLEAN POWER

- Eliminate exhaust fumes for sustainable work sites and environments.
- Virtually silent operation, excellent for use in noise sensitive areas.

BUILT TOUGH



- Robust & Resilient construction.
- Fan-less design suitable for use outdoors & on construction sites



PERFORMANCE



- LiFePO4 provides longer service life
- ≥ 70% of initial capacity after 3,500 cycles
- ≥50% of initial capacity after 6,000 cycles
- 3 to 4 times longer than traditional Li-ion batteries



ATLAS

7M
1200W

Output %	Run time
100%	4 hrs
75%	5 hrs
50%	8 hrs



MAYA

4M
400W

Output %	Run time
100%	12 hrs
75%	16 hrs
50%	24 hrs

TECH SPEC

Output	
Rated Power	5000W
Overload Capacity	5500W 30S/ 6000W10S/ 7500W 0.02S
Rated Voltage	230V
Rated Frequency	50/60Hz
Total Harmonic Distortion	< 2%
Maximum Operating Time (idle)	255hrs
Line Protection	16A
Inverter Type	Pure Sine Wave
Input (AC)	
Input voltage	100-305VAC/50Hz
AC Power(VA)	3500W Max
Charge Time	2 hours (fully charged)
Input (PV Solar)	
Input (PV Solar)	6000
Max. DC Voltage(V)	550
MPPT Voltage Range(V)	125~500
Max Input Current of Single MPPT(A)	14
MPPT Efficiency	99%

General	
Battery Capacity	5120WH
Type	LiFePO4
Life Cycles	4000+ Cycles to 80% Original Capacity
Battery Charge/Discharge Efficiency	95%
Scalability	Expandable with 3 x 5KWH Battery Pack
Simultaneous Charge & Discharge	Yes
Cooling	Fanless, Natural convection
Relative humidity	0 ~95% non-condensing
Altitude	2,000m (>2,000m Derating)
IP Rating	IP66
Weight	101kg
Dimensions	915x789x530mm
Noise emission	< 15 dB
Storage	12 months
Connections	
Output socket	1 x CEE 230V(16A)
Output socket	4 x 230v EU/UK/AU Sockets

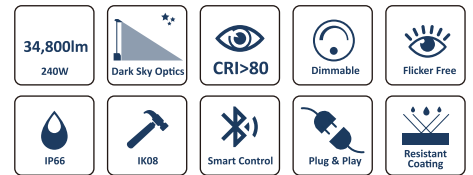
LIGHT KITS

AN ARRAY OF RETROFIT LIGHTING KITS FOR YOUR WORK SITE

RETROFIT TOWER KIT

Designed to fit with any light tower of choice.

- Quick, secure, simple installation
- Flexible, high power LED lighting solution with industry leading performance.
- Optional Dark sky optics for no wasted light



Kit includes:

- 4 pcs. MFX 135W or 4pcs. MFX 240W

CONTAINER KIT

Turn your onsite containers in to a lighting platform.

- Simple, reliable plug & play installation
- Dark sky optics for flexible lighting patterns with no wasted light



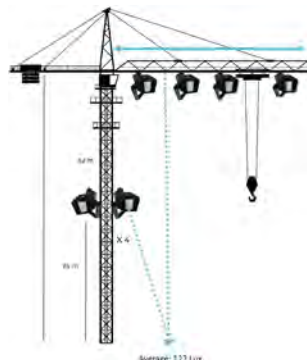
Kit includes:

- 3 pcs. MFX 200W
- 4M Telescopic mast with container mount

CRANE KIT

Add a lighting element to your cranes for a better, safer working environment.

- Simple & Reliable Installation
- Extra narrow beam for light where it's needed without glare
- Linkable, plug & play system



Kit includes:

- 8 pcs. MFX 300W 43,400lm 20°
- 4 pcs. 20 m extension cable
- 4 pcs. 5 m extension cable
- 8 pcs. Safety cable

CONTROLS

OPTIMIZE ENERGY CONSUMPTION & PERFORMANCE WITH ADD ON LIGHTING CONTROL KITS

BLUETOOTH

Wireless, controllable, remote lighting management and monitoring



ASTRO TIMER

Manual, scheduled lighting control



DAYLIGHT SENSOR

Maximize the efficiency in combination with natural daylight.



MOTION SENSOR

For security purposes and dimming down the fixture to save energy and minimize light pollution.



MFX Quantity

Product	Max Power (W)	Max Surge (A)	MFX 120	MFX 200	MFX 240	MFX 300	MFX 600
Bluetooth (Plejd/Casambi)	3200W	4KA	22	15	12	10	5
Astro Timer	2700W	4KA	20	10	10	8	4
Daylight Sensor	1500W	250A	10	5	5	4	2
Motion Sensor	2700W	4KA	20	10	10	8	4

**DESIGNING FOR THE FUTURE &
BUILT TO LAST**