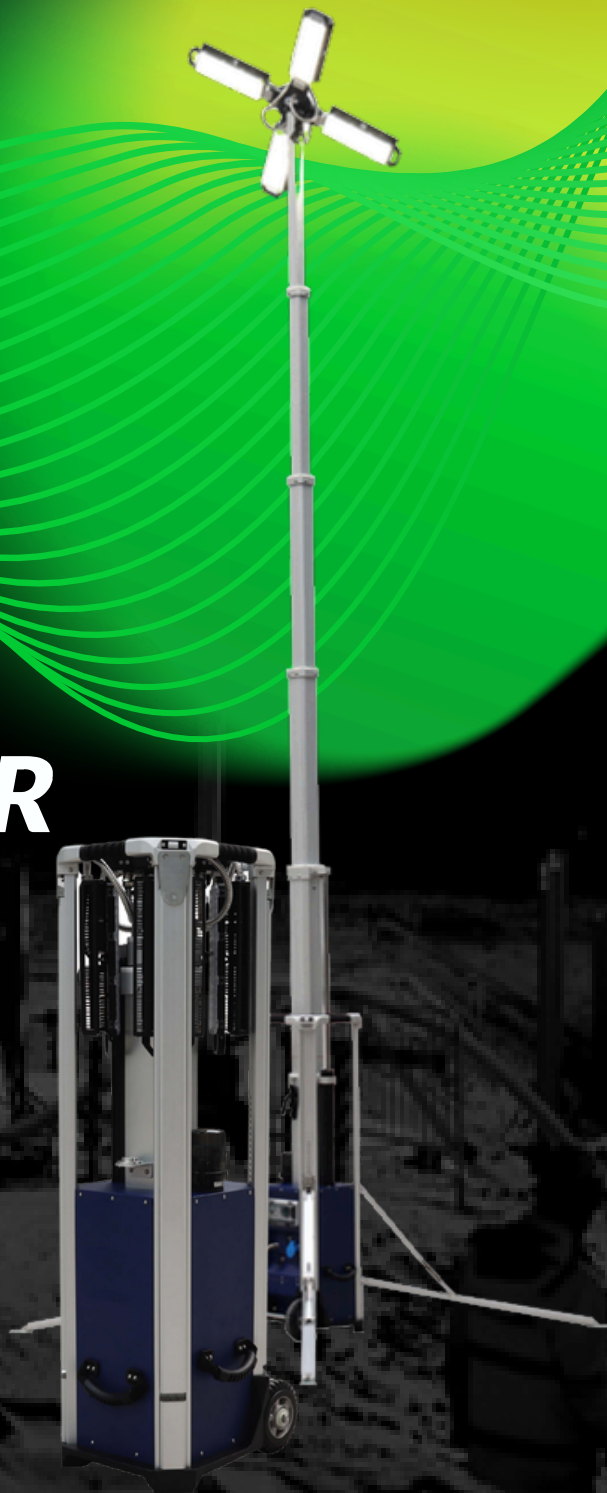
CARBON8
LIGHTING

T2 LiGHT RANGER



HIGH PERFORMANCE LIGHTING,
LOW CARBON FOOTPRINT.

DATA SHEET

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T2 LiGHT RANGER

FEATURES & BENEFITS

Designed from the ground up, T2 Light Ranger is optimised for LED, delivering an unparalleled lighting performance from a robust, 5 meter light tower that fits in your car.

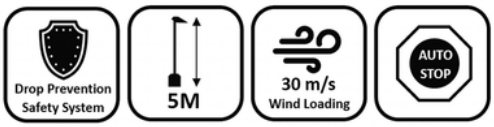
LIGHTING PERFORMANCE



OPERATION

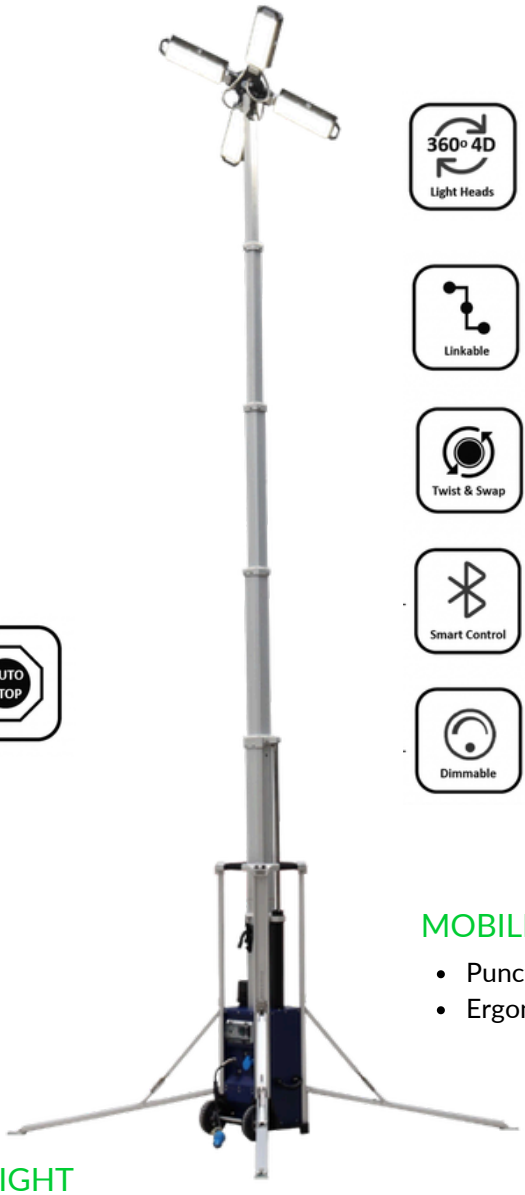


SAFETY & STABILITY



MAST





Simple, fold out, fully rotational light heads for any desired configuration

Link up to 3 units from a single power source

Twist & swap NEMA socket for light controls solutions

Control, dim & schedule lights remotely

Night mode light reduction minimises energy consumption & disruption to traffic and residential areas

MOBILITY

- Puncture proof all terrain tyres
- Ergonomic handles

ULTRA COMPACT & LIGHTWEIGHT



Designed as the most transport efficient 5 meter light tower available.
Delivering cost savings with each transport to and from the site and requiring less storage space when at the depot between rentals.

- SINGLE PERSON DEPLOYMENT
- TWO PERSON LIFT
- ONLY 1.2M TRANSPORT HEIGHT
- DELIVERING COST SAVINGS WITH EACH TRANSPORT



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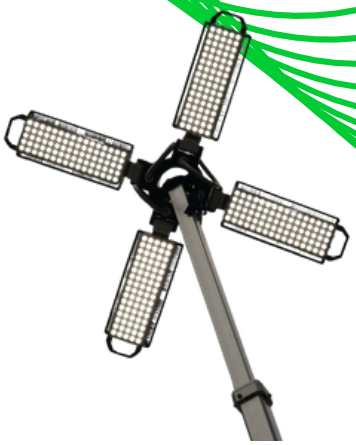
T2 LiGHT RANGER

COMPLETE LIGHTING FLEXIBILITY

With professional grade optics and up to 112,000 lumens, T2 Light Ranger delivers a more powerful lighting performance than anything in its class.







SIMPLE SET UP

Rapid to deploy and requires no prior certification or training for either indoor or outdoor use.



1 DEPLOY STABILISERS

- Micro adjustable legs for uneven ground
- Bullseye spirit level for easy levelling

2 ADJUST LIGHT HEADS

- Rotatable top head
- Ergonomic handles for simple light head adjustment

3 RAISE MAST

- Lightweight construction, heavy duty performance
- Built in drop prevention safety system
- Auto stop function if light heads are impeded

4 TURN ON LIGHTS

- Manual or remote controllable outputs

CLEAN POWER



- T2 Light Ranger pairs perfectly with the T2 Battery Power Stations to provide silent, zero-emission illumination for an entire night on a single charge.



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T2 LiGHT RANGER

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: Maximise efficiency in combination with natural daylight
- Motion Sensing: For security and maximising 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, the Carbon8Lighting mobile lighting range is built to thrive in these environments, providing extremely energy-efficient light in all climates.

TECH SPECS

Model

Series	T2 Light Ranger
Model number	C8PT-T2

Performance

Illuminated surface	2,200m²
System power	800W
Luminous flux	112,000 lm
Lumen per Watt	140
Beam profile	60x60 (adjustable)
Colour temperature (CCT)	5000K

Electrical

Operating voltage	100-305VAC/50Hz
Power factor	>0.92
Electrical class	Class 1
Protection	Over voltage / over temp. / short circuit
Dimmable	Yes
Input plug	CEE 230V
Output socket	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 (chassis)
Noise emissions	< 5 dB(A)

Physical

Fully extended height	5.1m
Elevation system	Electric
Mast rotation	340°
Mobility	By hand / crane / forklift
Dimensions (min.)	358 x 427 x 1200 mm
Dimensions (max.)	1640 x 1640 x 5100 mm
Wind resistance	30m/s
Housing finish	UV stabilised powder coating
Weight	49kg

Approvals

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

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TECH SPECS

Model	
Series	T2 Light Ranger
Model No.	C8PT-T2

Performance	
Illuminated surface	2200 m2
System Power	800 W
Luminous Flux	112,000 lm
Lumen/W	140
Beam Profile	60x60 (adjustable)
Color temperature (CCT)	5000K

Electrical	
Operating Voltage	100-305VAC/50Hz
Power Factor	>0.92
Electrical Class	Class I
Protection	Over Voltage, Over Temperature, Short Circuit
Dimmable	Yes
Input Plug	CEE 230V
Output Socket	Schuko 230V (optional)

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

Physical	
Fully extended height	5.1 meters
Elevation system	Electric
Mast flotation	340°
Mobility	By hand / crane / forklift
Dimensions (min.)	358 x 427 x 1200 mm
Dimensions (max.)	1640 x 1640 x 5100 mm
Wind Resistance	30 m/s
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