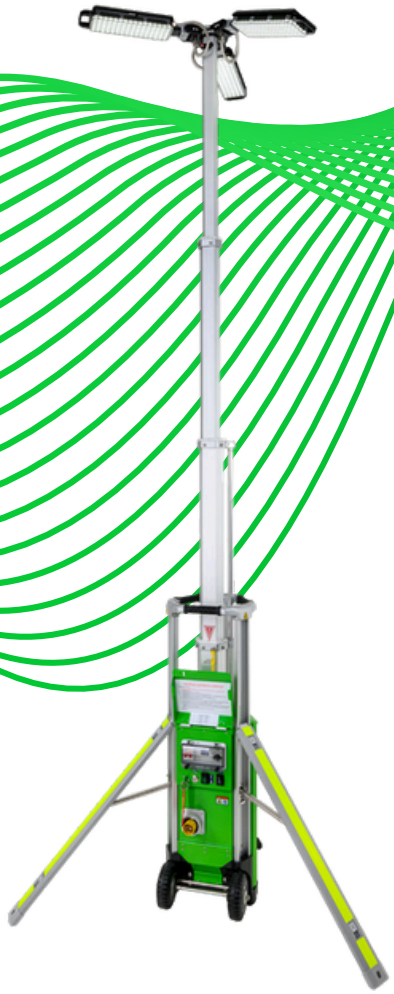
CARBON8 LIGHTING



T3 LiGHT RANGER

Battery Powered Mobile Lighting Tower

PORTABLE LED TOWER

IP54

IK09

KEY FEATURES

- Robust stand-alone battery powered mobile lighting
- Up to 40 of hours continuous operation on a single charge
- Three tilt/swivel adjustable light heads for maximum light coverage
- Ultra-high performance LED light head with specialist lens system
- Up to 48,000 lumens light output
- 980m² illuminated area at 11 lux
- Motorised column extending up to 3.8 meters
- Selectable adjustable light output
- Adjustable extension legs for operation on uneven surface and increased stability
- Integrated carry handles and wheels for easy deployment

Proudly Affiliated With

01256 300031
carbon8lighting.co.uk
@carbon8lighting

Unit 61 | Tempus Business Centre
Kingsclere Road | Basingstoke
RG21 6XG

CARBON8 LIGHTING

PHOTOMETRIC DATA

Maximum Lumens per Watt	160lm/W
Colour Temperature (CCT)*	5000K
System Power	Up to 300W
Luminous Flux	48,000lm
Beam Profile	60

ELECTRICAL DATA

Battery Mode Run Time	4 - 40 Hours
Operating Voltage	100-110VAC/ 220-240VAC/ 50Hz/ 60Hz
Battery Capacity	1.2kWh
Battery Type	$LiFePO^4$
Power Factor	>0.92
Electrical Class	Class I
Dimming Control*	Yes
Protection	Over Voltage, Over Temp, Short Circuit
Input Plug	CEE 230V / CEE 110V Customisable

PHYSICAL DATA

IP Rating	IP65 (lighting) / IP54 (chassis)
IK Rating	IK09
Weight	38kg (tower only) 46kg (with battery)
Fully extended height	3.8m
Elevation system	Electric
Mast Rotation	340
Mobility	By hand / crane / forklift

ENVIRONMENTAL DATA

Noise Emissions	<15 dB(A)
Storage Temp. Range	-40°C to +80°C
Charging Temp. Range	0°C to +45°C

OPTIONAL ACCESSORIES

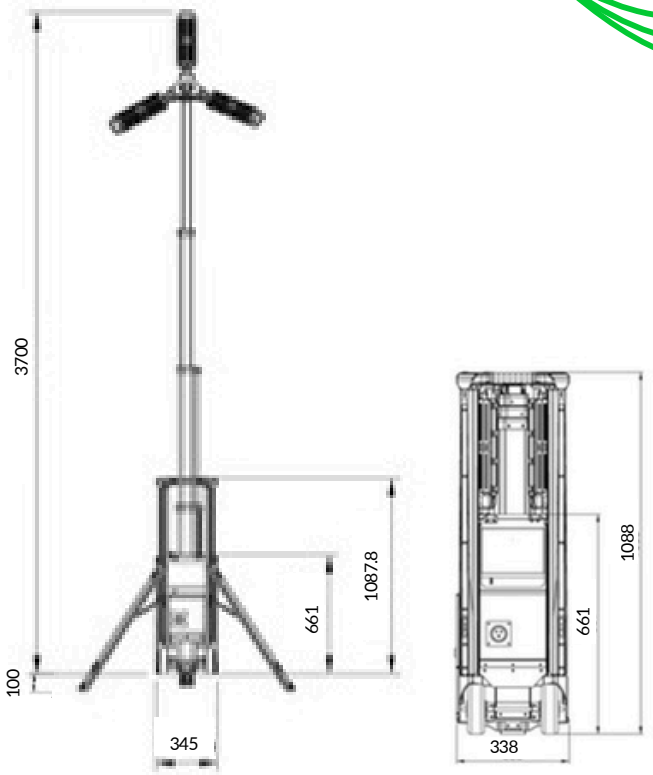
Detachable All Terrain Wheels
Wheeled Impact Resistant Plastic Flight Case
5M Extension Power Cable
Mains Battery Charger
Additional Battery Pack

APPROVALS

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

*Contact us for more information

DIMENSIONS (mm)





OUTPUT MODES	WATTAGE	LUMEN OUTPUT	HOURS OF USAGE
100%	300W	48,000	4
75%	225W	36,000	5
50%	150W	24,000	8
25%	75W	12,000	16
10%	30W	4,800	40

CHARGING TIMES	230VAC	110VAC
0 TO 80%	3.5 hours	6 hours
0 TO 100%	4.5 hours	10 hours

01256 300031
carbon8lighting.co.uk
@carbon8lighting

Unit 61 | Tempus Business Centre
Kingsclere Road | Basingstoke
RG21 6XG

CARBON8 LIGHTING

MOBILE TOWER ACCESSORIES

1



2



3





4



5



01256 300031
carbon8lighting.co.uk
@carbon8lighting

Unit 61 | Tempus Business Centre
Kingsclere Road | Basingstoke
RG21 6XG

CARBON8 LIGHTING

1 ALL TERRAIN WHEELS

For *T3 Light Ranger*

- Quick and easy, toolless attachment/detachment
- Large low pressure pneumatic tyres

PHYSICAL DATA	
Weight	9kg
Dimensions (L x W x H mm)	319 x 560 x 258

2 WHEELED FLIGHT CASE

For *T3 Light Ranger*

- Heavy duty impact resistant plastic

PHYSICAL DATA	
Weight	20kg
Dimensions (L x W x H mm)	1200 x 500 x 450

3 ADDITIONAL BATTERY PACK

For *T2 Sport* and *T3 Light Ranger*

PHYSICAL DATA	
Battery capacity	1.25kWh
Battery technology	$LiFePO^4$
Weight	9.16kg
Dimensions (L x W x H mm)	175 x 100 x 319

4 PORTABLE MAINS BATTERY CHARGER

For *T2 Sport* and *T3 Light Ranger*

- 230V mains charger for additional battery pack
- Carry handle for ease of movement
- Protective frame to avoid fall damage

PHYSICAL DATA	
Weight	7kg
Dimensions (L x W x H mm)	323 x 250 x 510

5 MULTI CHARGE

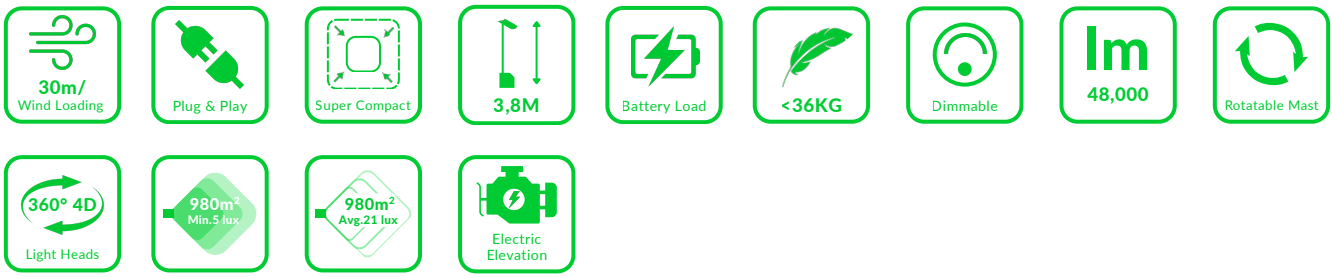
For *T2 Sport* and *T3 Light Ranger*

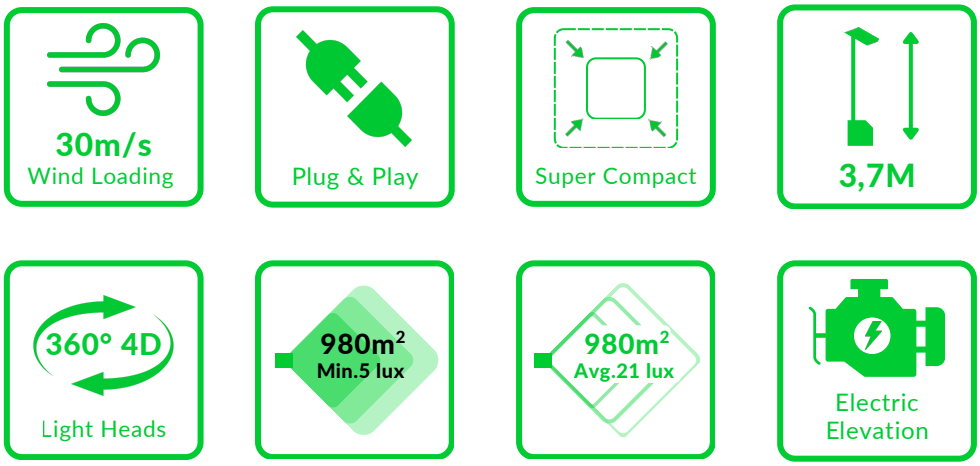
- Charge up to 6 battery packs in under 5 hours

PHYSICAL DATA	
Weight	17kg
Dimensions (L x W x H mm)	466 x 319 x 608

01256 300031
carbon8lighting.co.uk
@carbon8lighting

Unit 61 | Tempus Business Centre
Kingsclere Road | Basingstoke
RG21 6XG


30m/
Wind Loading
Plug & Play
Super Compact
3,8M
Battery Load
<36KG
Dimmable
lm
48,000
Rotatable Mast
360° 4D
Light Heads
980m²
Min.5 lux
980m²
Avg.21 lux
Electric
Elevation


30m/s
Wind Loading
Plug & Play
Super Compact
3,7M
360° 4D
Light Heads
980m²
Min.5 lux
980m²
Avg.21 lux
Electric
Elevation
Battery Load
<36KG
Dimmable
lm
48,000
Rotatable Mast


980m²
Avg.11 lux


Weather
Resistance
All-terrain
Options
Full Light
Control