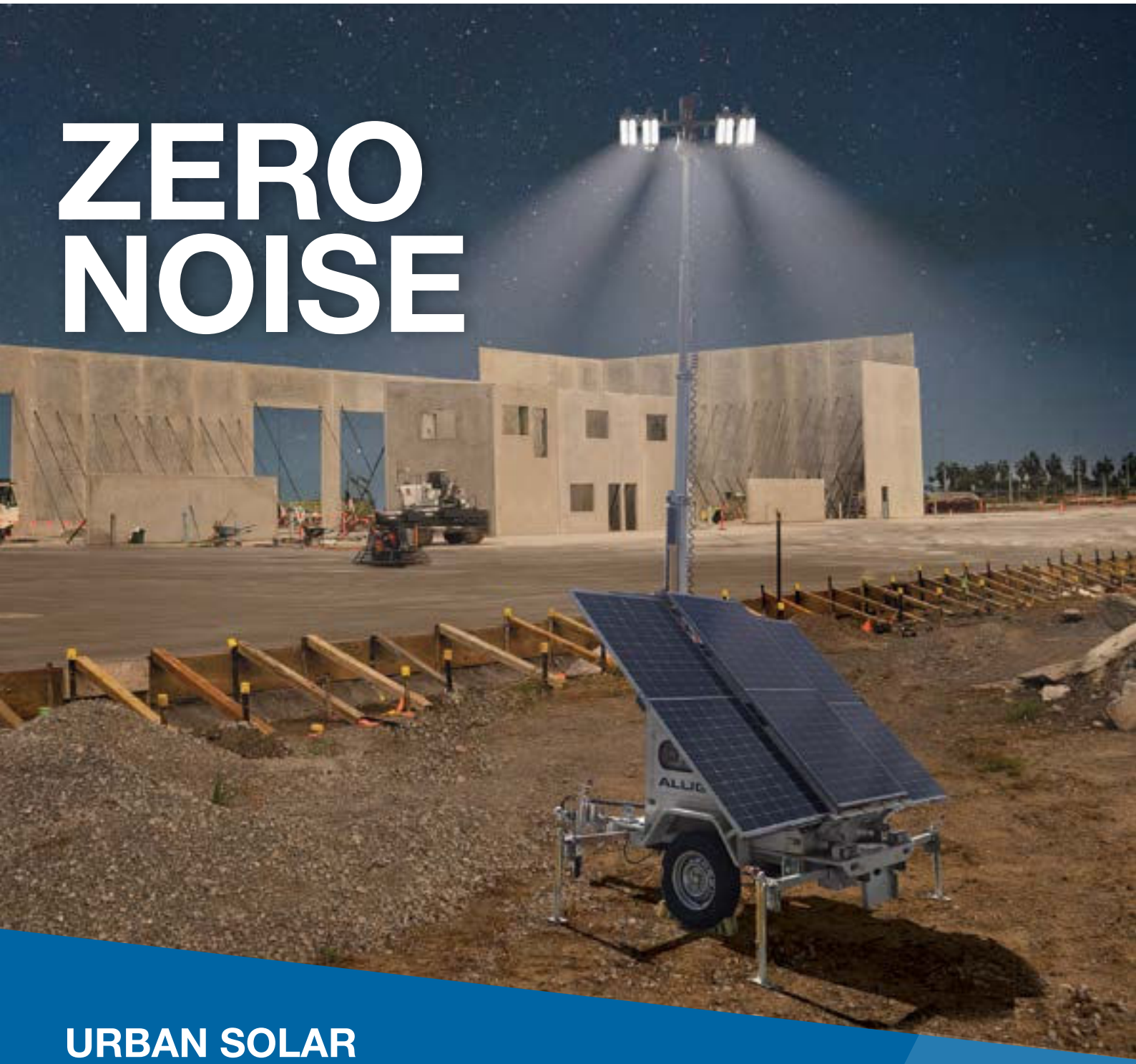
ALLIGHT

LIGHTING TOWER SPECIFICATION SHEET

Urban Solar



ZERO NOISE

URBAN SOLAR

QUIET LIGHT

Powerful LED light with a quiet operations.

BUILT TOUGH

Built to the highest standards.

SUPER SAFE

Designed with safety at the front of mind.

Construction & Civil | **Mining & Quarries** | **Rental** | **Industrial** | **Agriculture**

URBAN SOLAR

Designed for tough environments, Allight's Urban Solar lighting tower delivers clean, silent performance with zero fuel, smoke, or emissions. Powered by advanced solar technology, it provides bright, energy-efficient lighting without compromise.

Built for sustainability, the Allight Urban Solar is your choice for environmentally conscious operations, which you can count on for long-lasting performance. Put your trust in Allight and invest in reliability.

ZERO NOISE

Allight's Urban Solar lighting tower is powered by an on-board battery storage which recharges via three high efficiency solar panels. This recharge makes this tower fully silent in its operation, perfect for residential or sound sensitive environments.

HIGH EFFICIENCY

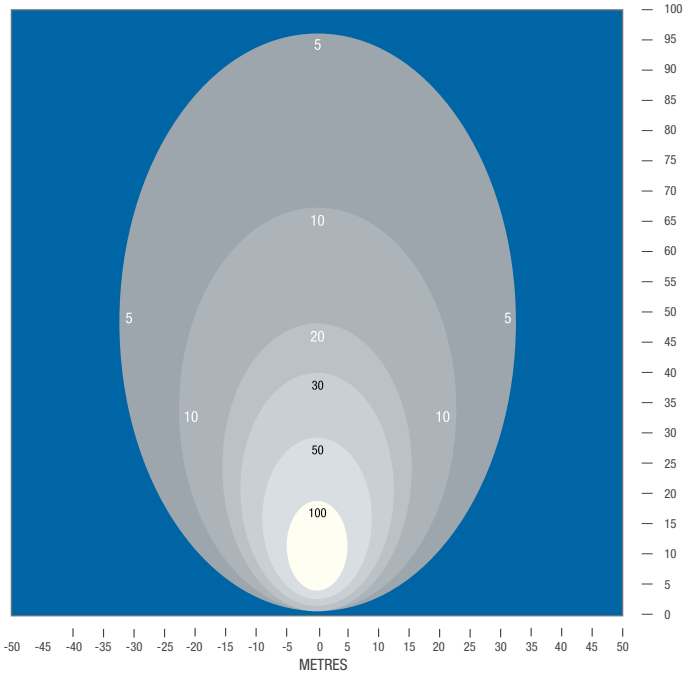
The photovoltaic panels fitted to the Urban Solar lighting tower are the latest in technology and presents the highest efficiency available. Furthermore, the low power consumption and high efficiency of the LED lamps offers the user extended operating days without requiring mechanical recharging.

BRIGHT LIGHT

Sporting 400-watt latest technology LED's, the Urban Solar lighting tower delivers the optimal light level for the overall square meterage, exceeding the often challenging requirements that solar lighting is applied toward.

BATTERY

Battery Type	LiFePO4
Voltage per unit	DC 24V
Capacity	300 Ah, 7.7kWh, 25.6V
Cycle Life	6000
C Raitng	0.5



Dimensions (towing)	3324x1450x2913mm (LxWxH)
Dimensions (deployed)	3324x3259x7430mm (LxWxH)
Dimensions (stowed)	2282x1450x2913mm (LxWxH)
Weight (wet) (t)	1.163
Solar panel rating	475W x 3
Charging time solar (h)	4.5
Charging time AC (h)	3
Operating time (h)	15
Battery	LiFePO4
Battery capacity	300 Ah, 7.7kWh, 25.6V
Cycle life	6000
C rating	0.5
Emission level	Green/no emissions
Controller	MPPT
Rating voltage (V)	24V DC
Control function	Programable auto start/stop or manual operation
Type of lights	LED
Number and power of lights	4 x 100W
Total lumens	80,000
Light tilt	Electric
Lamp rotation	Manual
Mast height (m)	7.5
Mast lifting and extension	Hydraulic
Number of mast sections	4
Mast rotation	350° manual
Trailer suspension system	Spring steel
Hitch	Ball
Tire rim size	185R14C
Acoustic pressure	NA
Load capacity	40'GP 8
Breaking system	Override drum
Wind speed rating (km/hr)	100
AC charger input	10 AC inlet socket



Final weight and dimensions will depend on completed specifications and options, subject to manufacturing tolerances. All the information in this document is substantially correct at the time of creation and may be altered at the manufacturer's sole discretion. Any quotes and related material provided supersedes the contents hereof.