

LIGHTCELL[®] SYSTEM

PRODUCT DATA SPECIFICATION

MGB-LTC-PDS-001



GENERAL SPECIFICATIONS:

Dimensions:	L 91"/2.31m, W 50"/1.27m, H 51"/1.29m (for transport), H 7ft/2.13m -19ft/5.79m (extended)
Weight:	600lbs/272kg
PowerCell skid:	Painted carbon steel structure (optional galvanized) Rated for 110mph/177kph winds Additional tie down points to secure the tower during transport Smart chassis design for ease of mobility Easy leveling of the skid for uneven ground applications Two-way locking winch for raising and lowering the tower section Integral forklift pockets for easy positioning
Vertical Pole Extension:	Pneumatic powered from 7ft/2.13m to 19ft/5.79m extensions. Optional lengths available on request. Air compressor dedicated to raise the lighting tower
Electrical System	110V system standard, optional 240V Marine Grade Sockets & Switches IP 65 Rated switches
LED Options	480W LED, 320W LED, 240W LED Fully adjustable lighting angles Daisy Chain capability to connect multiple lighting towers together

480W LED FLOOD LIGHT International operating voltage AC90-305V, PFC Power



LED Power	440W
Total System Power	480W
LED Qty	216 Pcs
LED Luminous Efficiency	107 lm/W
Initial Luminous Flux	47500 LM
Color Temperature	2700K - 7000K
Color Rendering Index	Ra > 70
Working Temperature	-40°C ~ 50°C

320W LED FLOOD LIGHT International operating voltage AC90-305V, PFC Power



LED Power	290W
Total System Power	320W
LED Qty	144 Pcs
LED Luminous Efficiency	112 lm/W
Initial Luminous Flux	32500 LM
Color Temperature	2700K - 7000K
Color Rendering Index	Ra > 70
Working Temperature	-40°C ~ 50°C

240W LED FLOOD LIGHT International operating voltage AC90-305V, PFC Power



LED Power	220W
Total System Power	240W
LED Qty	108 Pcs
LED Luminous Efficiency	111 lm/W
Initial Luminous Flux	24500 LM
Color Temperature	2700K - 7000K
Color Rendering Index	Ra > 70
Working Temperature	-40°C ~ 50°C

ABOUT US

We are an engineering and manufacturing company aimed at redefining the operations of the pressure pumping industry. Our unwavering goal is to deliver best-in-class equipment with true, lowest cost of ownership.

The designs of our solutions are not merely supplementary. Detailed equipment definition and full ground-up equipment designs are essential for making frac sites as efficient and safe as possible. Each new product is designed from the bottom up to ensure that nothing is overlooked. Small changes require multiple layers of technology to match and support the design change. Our approach details each of those layers for fully synergistic development.

The solutions come with Total Life Cycle Management System to assure your investment pays you dividends well into the future.

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