

## Major Features:

The twelve lights are divided into two groups. Each group can pivot horizontally or vertically within 90°. The one unit lighting tower could be as two units back to back illuminating opposite areas.



## F Series Lighting Tower

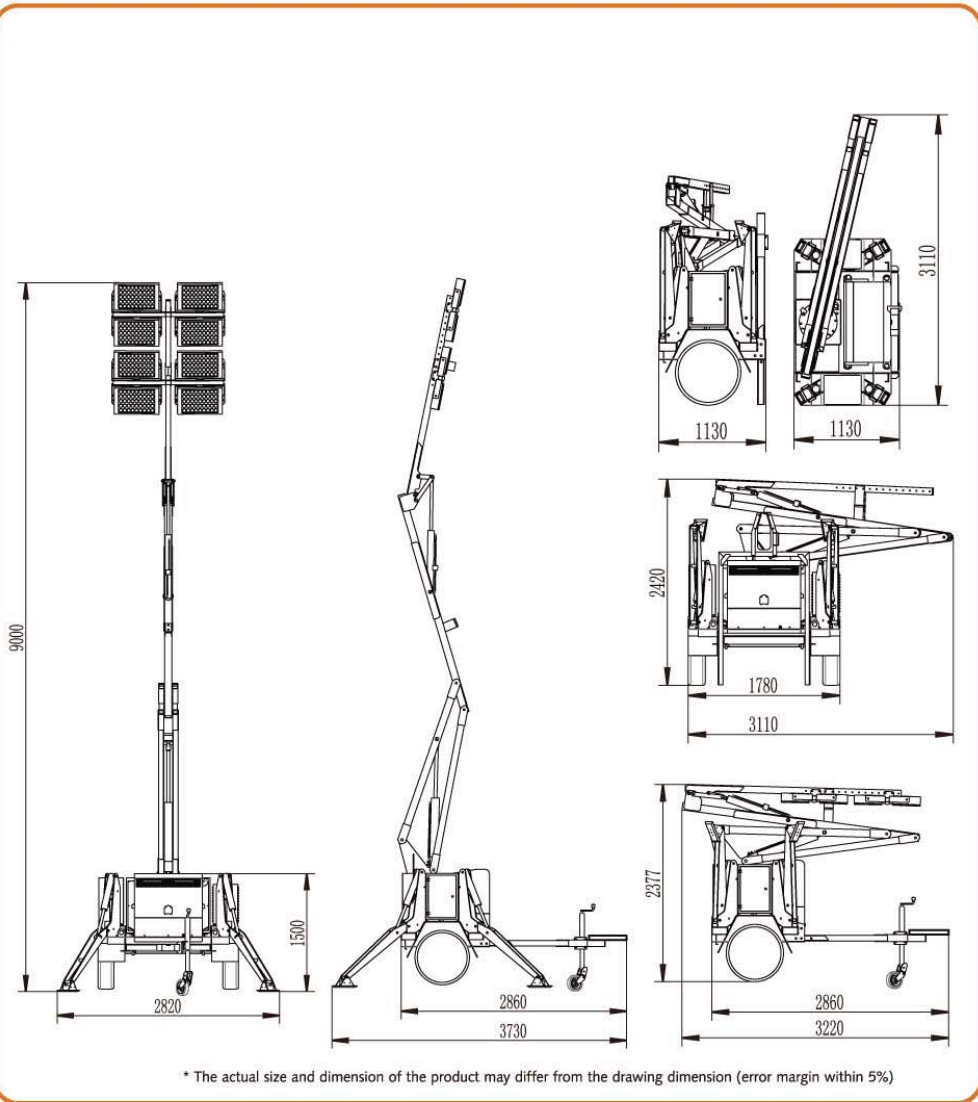


- 👁 The innovative design of the four-bar linkage mast can be extended to 9 meters, which is worked by hydraulic cylinder with balance valve, can be lifted more smoothly, and can be kept in the setting position for a long time.
- 👁 The original integral trailer frame structure is with excellent structural strength and rigidity, and the small size realizes max 6 sets loading into a 40 feet container.
- 👁 The irradiation range is broad: the mast can be rotated within  $\pm 165^\circ$ , and the irradiation angle can be adjusted by hydraulic controlling.
- 👁 75 dB(A) @ 7 meters: The air-cooled genset is with noiseproof canopy.
- 👁 Full hot dip galvanized frame, mast and legs, could be against harsh environmental.
- 👁 Four operated independently hydraulic legs can support stably and reliably even on rough ground. This makes it able to withstand a force of 9 Wind.
- 👁 The IP65 wire harness and control box, and full plug-in electrical connections, are very easy to maintain.
- 👁 Equipped with 8×300W high efficiency LED lights, each light can reach 39000LM, the lighting tower more energy efficient; protection class IP66; irradiation distance up to 100 meters.

Note: The above data could be modified in any time, please question our sales engineers when you want to get the latest technical details of relevant products.

## F Dimension

F



\* The actual size and dimension of the product may differ from the drawing dimension (error margin within 5%)

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Standard Equipment	F8	F4
Length (mm)	3100	
Width (mm)	1800	
Height (mm)	2495	
Full extending Height (m)	9	
Gross weight (kg)	1800 ( Without fuel )	
Engine model	KD440 ( Kohler )	
Speed(rpm)	3000/3600	
Continued Power(kVA)	4.8/5.2	
Number of Cylinders	1	
Diesel Engine Characters	4-cycle, In line, Watercooled Diesel	
Combustion Type	Direct Injection	
Engine Aspiration	Naturally aspirated	
Alternator characters	brushless & Single phase	
Rating Voltage (V)	230(AC)	
Alternator insulation	Class H	
Alternator protection grade	IP23	
Frequency (HZ)	50/60	
Fuel tank capacity	80 ( 21 US gallons )	
Operating hours with full fuel	88 hours	53 hours
Type of Lights	LED	Flood
Number & power of lights	8×300W	4×1000W
Mast rotation	Manually	
Number of mast Sections	±165° Hydraulic driving	
Light bar tilt	Electronic driving	
Stabilizing legs & number	Hydraulic driving, 4 foldable	
Trailer suspension & braking system	Hexagonal rubber axle with drum brakes	
Acoustic pressure	72dB(A) at 7 meters away	
Max. load quantity in a 40 feet high container	6 sets	

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