



**ITALTOWER®**  
HEAVY DUTY LIGHTING TOWERS

**POLAR**



**\*\*Image for illustrative purposes\*\***

Floodlight	Lumen	Light coverage
4x320W MultiLed	179.200 lm	5000 sqm

Italtower Srl

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**Technical Specification**

Rated frequency	50 Hz
Rated Voltage	230-400 V
Rated Power	16 kW
Operating temperature	-40/+50
Control unit	DeepSea L401 MKII
Power Supply	Sockets: n.1 tri-phase 32A + n.1 mono-phase 16A + n.1 Schuko mono

**Engine**

Model	Kohler KDI 1903 M
Speed	1500 rpm
Coolant	Liquid
Cylinders	3

**Alternator**

Model	Mecc Alte ECP28-M/4 230/400V
Rated outlet	20 kVA
Execution	Brushless
Voltage accuracy	+/- 5%

**Energy consumption**

Fuel consumption	2.3 l/h at 50% loading
Tank	240 l
Fuel	Diesel

**Galvanized mast**

Height	8.5 m
Mast	Hydraulic
Rotation	350 °
Wind speed resistance	110 km/h

**Canopy & Trailer**

Trailer	Road-tow trailer
Tyres	185/70/R13
Basement	Bunded base 110%
Stabilizers	4 + 1 (wheel)
Canopy	Powder coating paint

**Optional**

Optional included as standard	Dusk to dawn sensor with Autostart Battery isolator
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**Shipment**

Dimension	335x170x257 cm
Weight	1450 kg