

TL-90 3e LED

SMC TL-90 3e LED is a high efficiency LED lighting tower.

The Perkins 403D-07G 1500rpm engine brings you the latest technology in the mobile lighting tower market, with low emissions, reliability and improved fuel efficiency providing up to 160 hours of uninterrupted operation.

Compact and easy to transport, whilst The 4 x 300W powerful LED lamp heads offer directional clear and crisp light, with a spread of up to 100 metres.

Advanced Safety System fitted as standard. Fully bunded, central lifting eye, forklift pockets and accessible lashing down points for ease of loading at ground level. Zintec plated canopy to prevent rust and corrosion.

Efficiency redesigned



BUILT TO PERFORM

SPECIFICATION	
ENGINE TYPE	Perkins 403-07G 3cyl Water Cooled 5.9kW @ 1500rpm diesel
HYDRAULIC SYSTEM	Bio-degradable Oil
FUEL CONSUMPTION	0.72 l/hr (Lamps only)
RUNNING TIME	160 Hours
LAMP SPECIFICATION	4 x 300W LED
AVERAGE SOUND PRESSURE LEVEL @ 7 METRES	60dB(A)
ALTERNATOR	Mecc Alte LT3 4 Pole, 230V, 50Hz
CONTINUOUS POWER / STANDBY POWER	4.1kW / 4.5kW**
POWER OUTLET SOCKETS	2 x 230Volt 16Amp
MAST MAXIMUM HEIGHT	8770mm*
MAST RAISE / LOWER TIME	12 / 18 secs
WIND SPEED	Up to 100km/h
STABILISERS	4 with 2x rear wind down legs
BUNDING	Fully banded all fluids
ROAD LIGHTS AND REFLECTORS	Standard
DIMENSIONS FOR TRANSPORT (LxWxH)	2565mm x 1350mm x 2150mm
DIMENSIONS FULLY DEPLOYED (LxWxH)	2870mm x 2639mm x 8770mm*
WEIGHT FULLY FUELLED / UNFUELLED	1050kg / 933kg

* When fitted with Powertilt option. Standard height 8500mm

** Allows 1 unit to power up to 3 units

Optional Specifications:

- Powertilt
- AutoStart
- Dusk 'til dawn sensor
- 110Volt sockets
- 4 wind down legs
- Petro Chemical
- Kubota Z482 @ 1500rpm engine
- 230Volt mains changeover
- Level sensor
- Audible alarm
- Heavy duty wind down legs

Morris Site Machinery has a continuous improvement policy and therefore reserve the right to change the specification without prior notice

Advanced Safety System includes:

- Automatic mast descent when handbrake is released
- Mast deployment alarm
- Emergency stop button
- Auto shut down will operate in the event of low oil pressure/high engine temperature

Features:

 Super silent operation

 **TEN UNITS** per truck

 355° mast rotation

Applications



Specifications are subject to change without prior notice