



# TL90 EVOLVE


# MORRIS SITE MACHINERY




 144,000 lumens

 355° mast rotation

 185 hours run time

 Super-silent operation

 4 adjustable stabilisers

**STAGE**  
EMISSIONS COMPLIANT

The **SMC TL90 Evolve** is the next generation SMC TL90 lighting tower. It combines 12 years of learnings and experience, offering all the functionality of the market leading TL90 but with a **new ergonomic design** and compact appearance. It has three lamp-head options; the standard four LED head, the ground-breaking Halo\* soft light solution, or the six LED head\*. **This makes it the brightest SMC mobile LED lighting tower ever.**

The compact design of the TL90 Evolve allows for easier access for servicing, smoother lines and a shorter body for ease of transport. There is no compromise on efficiency - it has an **impressive 185 hour runtime**. Mounted on a **VCA approved fast tow road trailer**, complete with road lights, it is just **960kg fully fuelled**. The tower is super silent at **60dB(A) from 7m** and is fuel efficient.

Similar models:



TL90 Evolve with HALO



TL90 Evolve\* with six lamps



TL60 Road Tow



**BUILT TO PERFORM**



## SPECIFICATION

Engine Model	Kubota Z482
Engine Type	Diesel water cooled
Engine RPM	1500RPM
Engine Run Time	185 hours
Voltage	230V AC
Continuous Power	2.1kW
Standby Power	2.3kW
Engine Controllor (Standard)	Deep Sea DSE3110
Alternator	Mecc Alte LT3-100
Tank Capacity	120 litres
Fuel Consumption	0.65 litres / hour
Servicing Intervals	500 hours
Bunding	120% engine fluids, fuel tank & power pack
Noise Level at 7 Metres	≈ 60 dB(A)
Daisy Chain Option	Yes

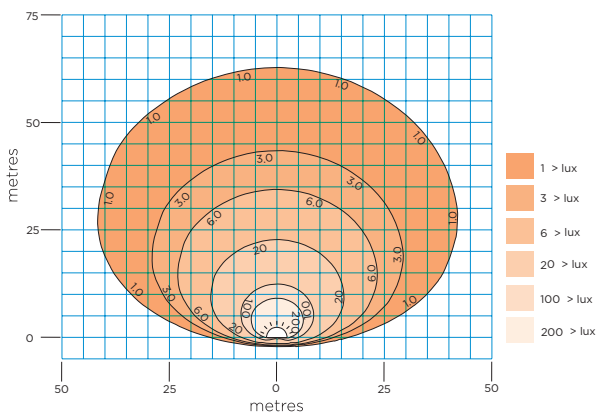
Mast Raise/Lower Time	12 / 18 seconds
Mast Rotation	355°
Mast No. of Sections	8
Hydraulic System	Bio - degradable oil
Maximum Wind Speed	100kph / 60mph

Lamp Specification	4 x 320W LED
Lamp Voltage	230V DC
Lumens	144,000
Dusk 'till Dawn control	Standard

External Socket	1 x 230v 16 Amps
Road Tow/Static/Trolley	Road Tow
Dimensions for Transport (LxWxH)	2460 x 1350 x 2280mm
Dimensions Fully Deployed (LxWxH)	2940 x 2480 x 7850mm
Weight Fully Fuelled	960Kg
Weight Dry	855Kg
Road Lights and Reflectors	Standard
Stabilisers	2 x front drop down, 2 x rear wind down

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

Light Plot:



☀️: 4x320W mounted at 6m at 65°

## FEATURES:



**Faster servicing**



**per truck**



**Approved**

Version: 1881CH