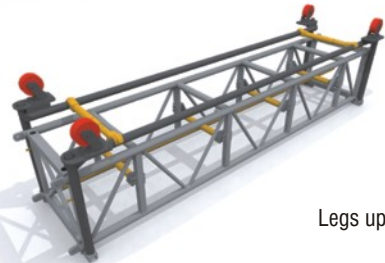


## Moving Light Truss LAD Truss

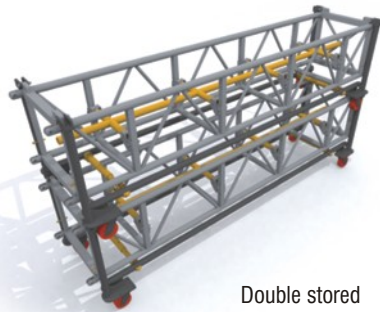
**TOTAL**  
FABRICATIONS



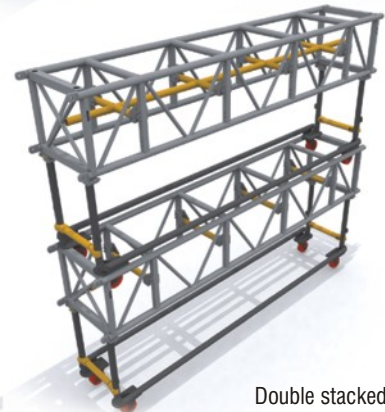
Legs down



Legs up



Double stored



Double stacked

LAD Truss is a highly mobile and versatile truss system used to house moving lights whilst maintaining the ability to transport and store compactly in both the truck and warehouse.

- Ability to tour complete
- Legs can be folded for both storage / transport / deployment
- Truss can be stacked with legs folded in or out
- Designed to house various moving light fixtures
- Allows 4 trusses across the width of truck
- No loose components.

## Moving Light Truss LAD Truss



### Load Table

#### Figures Assuming Each truss loaded with 240kgs of moving lights

Span (metres)	3	6	9	12
UDL kg	7251	3142	1558	604
CPL kg	3625	1571	779	302
TPL kg	2708	1157	552	183
QPL kg	1806	771	368	122

#### Figures without moving lights

Span (metres)	3	6	9	12
UDL kg	7491	3622	2278	1564
CPL kg	3745	1811	1139	782
TPL kg	2798	1337	822	543
QPL kg	1866	891	548	362

- All loads are given in Kilograms
- Allowance has been made for self-weight of truss
- Allowance has been made for frequent use factor of 83%
- The payload of the truss has been calculated as a permanent action. Should it be necessary to consider the payload as a variable action, the tabulated figures should be reduced to 90% of the given values.

## Moving Light Truss LAD Truss



### Material Specifications

Main Cord:	48.4mm x 4.47mm
Braces:	25.4mm x 3.25mm
Material Specifications:	EN AW-6082 T6
Fixings:	Fork End : TP pins & R3 Clips

### Accessories

Circles  
Angled Corners  
Bespoke Lengths  
Hinges and Swivels

### Item Codes, Weights and Dimensions

LAD10F	Moving Light Truss 10ft Section	3048mm x 518mm x 610mm	27kg
LAD5F	Moving Light Truss 5ft Section	1524mm x 518mm x 610mm	33kg
LADC4W_U	Moving Light Truss 4 Way Universal Corner	850mm x 518mm x 850mm	22.5kg
LAD10FB	Moving Light Truss 10ft Section - Black	3048mm x 518mm x 610mm	40kg
LAD5FB	Moving Light Truss 5ft Section - Black	1524mm x 518mm x 610mm	20kg
LADC4W_UB	Moving Light Truss 4 Way Universal Corner - Black	850mm x 518mm x 850mm	30kg
FORK/B/F	Std Bolt on Forkend, Female	50mm x 50mm x 50mm	0.5kg
FORK/B/M	Std Bolt on Forkend, Male	50mm x 50mm x 50mm	0.5kg

### Design Specification

Manufactured in accordance with

BS EN 1090-3:2008 : Technical Requirements for aluminium structures

EN ISO 9001:2008 : Quality management systems

BS EN 1999 Pt 1-1 : Design of Aluminium Structures, General structural rules

CWA15902-2 : Specifications for design, manufacture and for use of aluminium and steel trusses and towers

CE Certified



# Moving Light Truss LAD Truss

