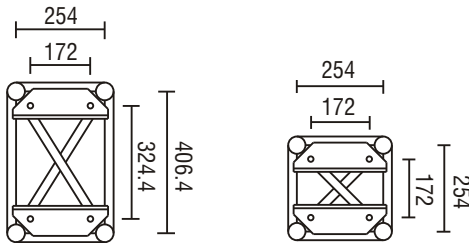


TFL Generic Truss Light Duty



Light Duty Truss is ideally suited to applications where ceiling height or truck space is limited. It is a popular solution for supporting general lighting with spans up to 14 metres. There are two sizes of Light Duty Truss, the standard 305mm high x 305mm wide and a variation measuring 305mm high x 457mm wide.



Load Table

Span (metres)	3	4	5	6	7	8	9	10	11	12
UDL kg	1550	1542	1534	1526	1464	1266	1110	984	878	791
DEFL mm	3	6	12	20	31	40	51	63	77	92
CPL kg	465	457	449	441	432	424	416	408	400	392
DEFL mm	1	3	6	10	15	23	32	44	58	75
TPL kg	232	228	224	220	216	212	208	204	200	196
DEFL mm	1	2	5	8	13	20	28	38	51	66
QPL kg	312	309	307	304	301	299	278	246	220	198
DEFL mm	2	5	9	15	24	36	49	61	73	88

- 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

TFL Generic Truss Light Duty



Material Specifications

Main Chord: 50.8mm x 3.25mm
Braces: 25.44mm x 3.25mm
Material Specifications: EN AW-6082 T6
Fixings: M16 x 45mm grade 8.8 HT Nuts & bolts

Accessories

Circles
Angled Corners
Bespoke Lengths
Hinges and Swivels

Item Codes, Weights and Dimensions

LD5FN	LD 5ft Truss Section	1524mm x 305mm x 305mm	17kg
LD8FN	LD 8ft Truss Section	2438mm x 305mm x 305mm	22kg
LD10FN	LD 10ft Truss Section	3048mm x 305mm x 305mm	27kg
LD1MN	LD 1M Truss Section	1000mm x 305mm x 305mm	11kg
LD2MN	LD 2M Truss Section	2000mm x 305mm x 305mm	19kg
LD3MN	LD 3M Truss Section	3000mm x 305mm x 305mm	27kg
LD4MN	LD 4M Truss Section	4000mm x 305mm x 305mm	35kg
LDC4MN	LD 4 Way Corner Section	305mm x 325mm x 325mm	20kg

Design Specification

Manufactured in accordance with
BS EN 1090-3:2008 : Technical Requirements for aluminium structures
EN ISO 9001:2008 : Quality management systems
BS118 The Structural Use of Aluminium
CE Certified

