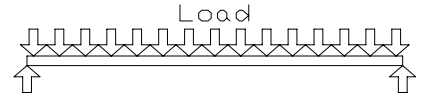




EWS Building Systems
 Headway Road
 Wolverhampton
 WV10 6PZ

Tel. 01902 623333
 Fax: 01902 623300
 Website:
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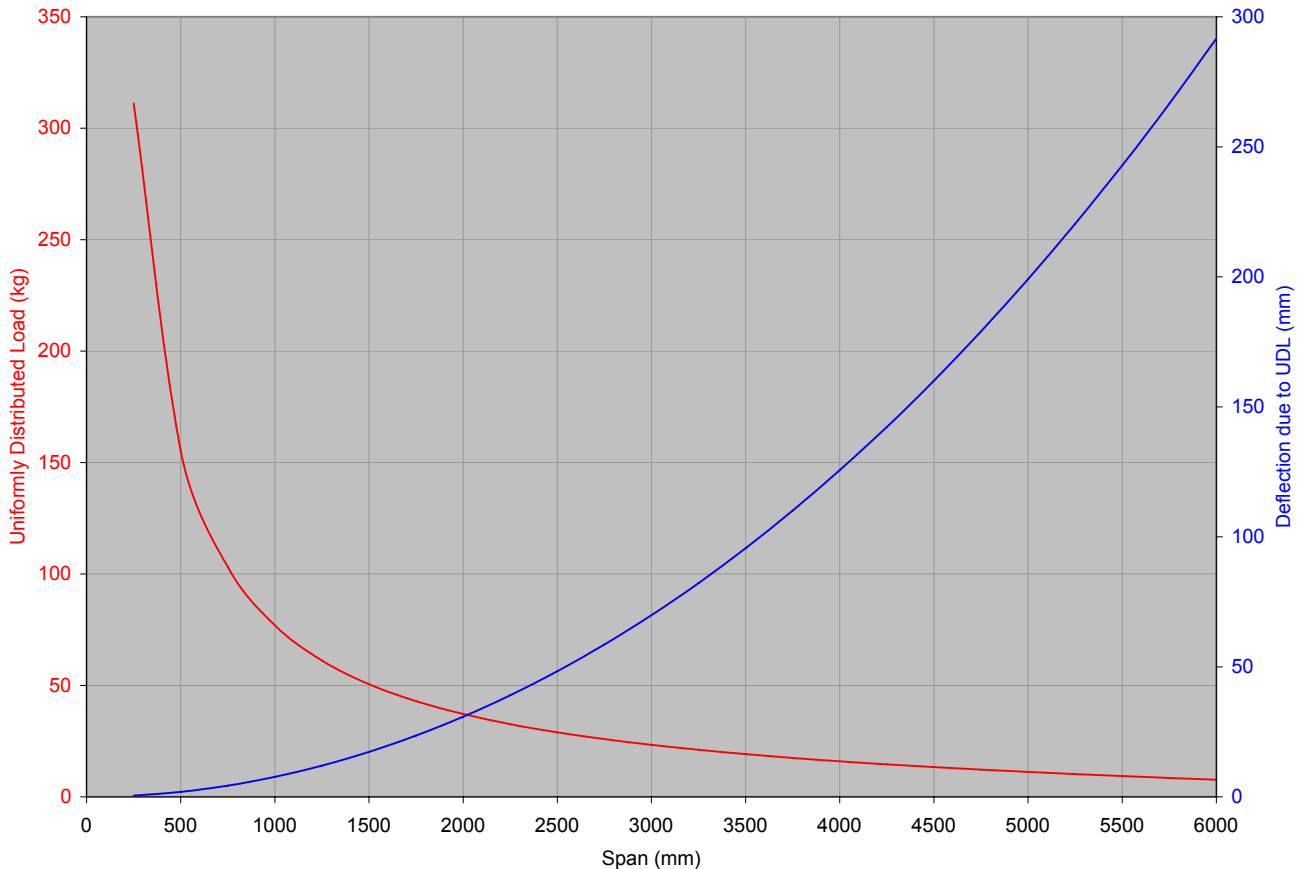
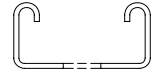
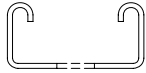
Loading Conditions:



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41x21 Light Gauge Slotted (Mass 1.01kg/m)

Beam Span (mm)	Ultimate Loading		Limit Def. Span/200		Limit Def. Span/360	
	Total Applied Load (kg)	Total Def. (mm)	Applied UDL (kg)	Total Def. (mm)	Applied UDL (kg)	Total Def. (mm)
250	311.2	0.5				
500	155.3	1.9			112.5	1.4
750	103.1	4.3	89.6	3.8	49.5	2.1
1000	77.0	7.7	49.8	5.0	27.2	2.8
1250	61.2	12.0	31.3	6.3	16.8	3.5
1500	50.6	17.3	21.1	7.5	11.0	4.2
1750	42.9	23.6	14.8	8.8	7.5	4.9
2000	37.2	30.8	10.7	10.0	5.1	5.6
2250	32.6	39.1	7.8	11.3	3.3	6.3
2500	28.9	48.3	5.6	12.5	2.0	6.9
2750	25.9	58.6	4.0	13.8	1.0	7.6
3000	23.3	69.9	2.6	15.0	0.1	8.3
3250	21.1	82.2	1.5	16.3		
3500	19.2	95.6	0.6	17.5		
3750	17.5	110.1				
4000	15.9	125.6				
4250	14.6	142.3				
4500	13.3	160.1				
4750	12.2	179.0				
5000	11.2	199.1				
5250	10.2	220.4				
5500	9.3	242.9				
5750	8.5	266.6				
6000	7.7	291.6				



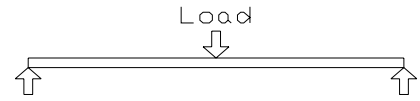
Load, Span & Deflection Graph



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 Headway Road
 Wolverhampton
 WV10 6PZ

Tel. 01902 623333
 Fax: 01902 623300
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www.ewsproducts.com

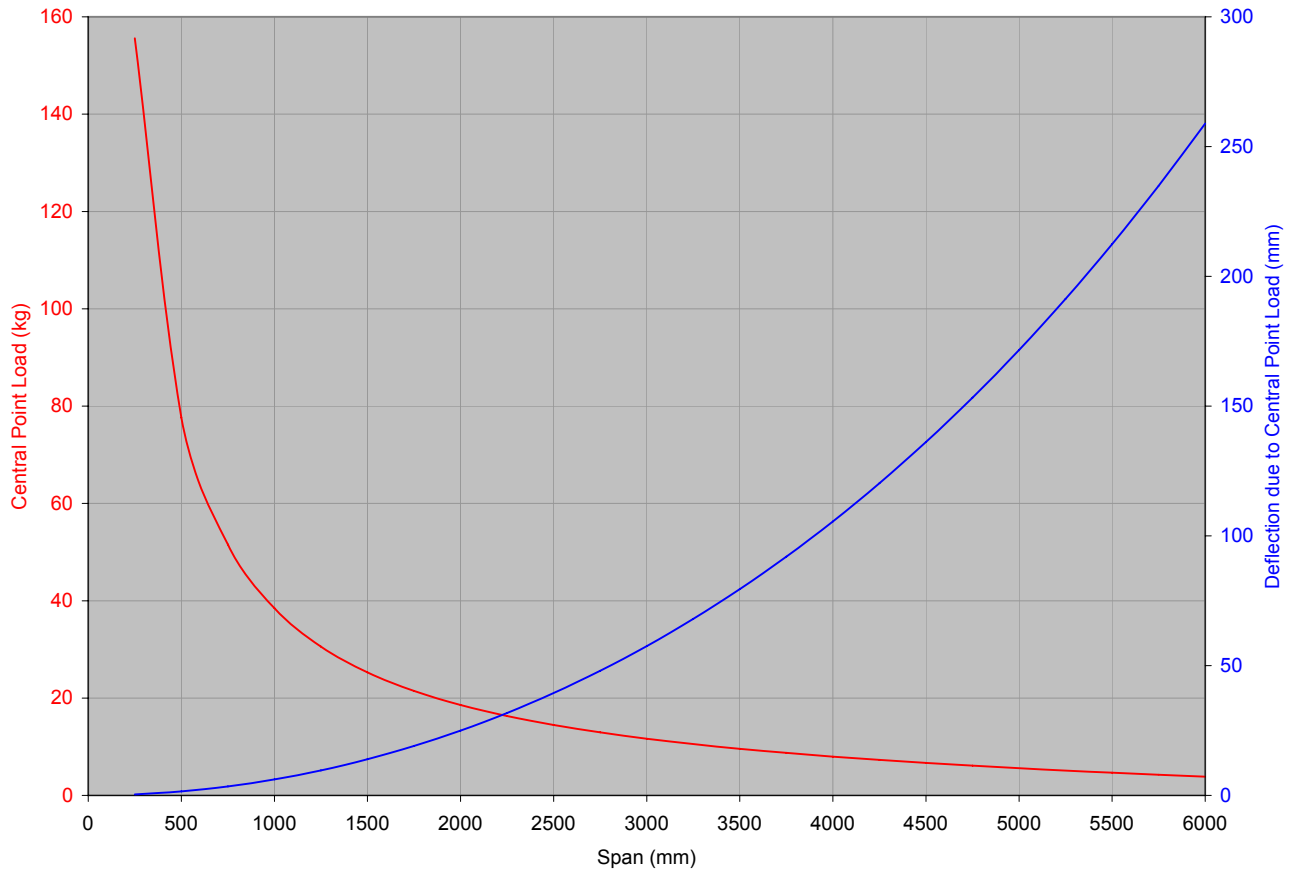
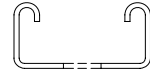
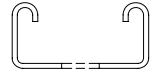
Loading Conditions:



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41x21 Light Gauge Slotted (Mass 1.01kg/m)

Beam Span (mm)	Ultimate Loading		Limit Def. Span/200		Limit Def. Span/360	
	Central Pt Load (kg)	Total Def. (mm)	Central Pt Load (kg)	Total Def. (mm)	Central Pt Load (kg)	Total Def. (mm)
250	155.6	0.4				
500	77.6	1.5			70.3	1.4
750	51.6	3.5			30.9	2.1
1000	38.5	6.2	31.1	5.0	17.0	2.8
1250	30.6	9.6	19.6	6.3	10.5	3.5
1500	25.3	13.9	13.2	7.5	6.9	4.2
1750	21.5	19.0	9.3	8.8	4.7	4.9
2000	18.6	25.0	6.7	10.0	3.2	5.6
2250	16.3	31.8	4.9	11.3	2.1	6.3
2500	14.5	39.4	3.5	12.5	1.3	6.9
2750	12.9	48.0	2.5	13.8	0.6	7.6
3000	11.7	57.5	1.6	15.0	0.1	8.3
3250	10.5	68.0	1.0	16.3		
3500	9.6	79.5	0.4	17.5		
3750	8.7	92.0				
4000	8.0	105.6				
4250	7.3	120.3				
4500	6.7	136.2				
4750	6.1	153.3				
5000	5.6	171.6				
5250	5.1	191.3				
5500	4.7	212.4				
5750	4.2	234.9				
6000	3.8	258.9				



Load, Span & Deflection Graph