

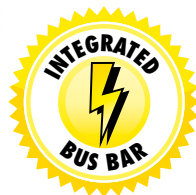
# ED 42



## Naxpro-Truss ED 42 with bus bar

The ED42 trusses are based on the FD42 series, but in contrast to the standard model they are equipped with an additional bus bar, which allows a clean and flexible connection of various lighting and event technology.

In the assembly of truss structures, bus bar trusses offer clear advantages: no additional cables must be installed, faster mounting and demounting and unattractive cable clutter is avoided. Because all installed devices can be flexibly positioned, bus bar trusses are especially suited for situations where spotlights must be reassigned regularly, e.g. in furniture stores, car dealerships and hardware stores.



### Load chart vertical

Span (m)	Aluminium profile with clamp		Aluminium profile with adapter for bus bar		Central single load	Deflection
	Distributed load	Deflection	Distributed load	Deflection		
m	kg/m	mm	kg/m	mm	kg	mm
1,0	633,0*	0,1	30,0	0,0	380,0*	0,1
2,0	316,0*	0,5	30,0	0,1	334,0*	0,4
3,0	206,0*	1,6	30,0	0,3	296,0*	1,2
4,0	150,0*	3,7	30,0	0,8	267,0*	2,7
5,0	124,0*	7,6	30,0	2,0	238,0*	4,7
6,0	100,8	12,8	30,0	4,1	212,0*	7,3
7,0	73,3	17,4	30,0	7,5	195,0*	10,9
8,0	55,5	22,8	30,0	12,9	178,0*	15,0
9,0	43,3	28,9	30,0	20,6	162,0*	19,8
10,0	34,5	35,7	30,0	31,4	148,0*	25,5
11,0	28,0	43,3	28,0	43,3	136,0*	31,7
12,0	23,1	51,6	23,1	51,6	125,0*	38,9
13,0	19,3	60,7	19,3	60,7	115,0*	46,9
14,0	16,3	70,6	16,3	70,6	106,0*	55,4
15,0	13,8	81,2	13,8	81,2	97,0*	64,7
16,0	11,8	92,6	11,8	92,6	90,0*	75,0

\* limited by interaction with offset / decisive is the offset on the connector  
 High uniformly distributed loads are to be understood ideally distributed. The load application has to be made in the knot. The upper main pipe must be held sideways min. every 112,10 cm! The load values are calculated using 10,9 bolts.



#### Specifications

- Width: 400 mm
- Tube: 50 x 2 mm
- Braces: 25 x 3 mm
- Alloy: EN-AW 6082 T6
- Truss: EN-AW 6082 T6
- Bus bar: EN-AW 6060 T66

#### Incl. connecting set



Errors and alteration excepted.