

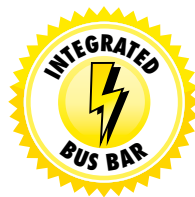
# ED 31



## Naxpro-Truss ED 31 with bus bar

The ED31 trusses are based on the FD31 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

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	mm	kg	mm
1,0	60,4	2,8	30,0	1,4	30,2	2,2
1,5	26,3	6,3	26,3	6,3	19,8	5,1
2,0	14,4	11,2	14,4	11,2	14,4	9,1
2,5	8,9	17,5	8,9	17,5	11,1	14,4
3,0	5,9	25,3	5,9	25,3	8,8	21,0
3,5	4,1	34,6	4,1	34,6	7,2	29,1
4,0	2,9	45,5	2,9	45,5	5,8	38,8
4,5	2,1	58,0	2,1	58,0	4,8	50,2
5,0	1,5	72,2	1,5	72,2	3,8	63,5

The load values are calculated using 10.9 bolts.  
The mechanical capacities of the power rail must be considered! They can be limited.



#### Specifications

Tube: 50 x 2 mm  
Alloy: EN-AW 6082 T6  
Truss: EN-AW 6082 T6  
Bus bar: EN-AW 6060 T66

#### Incl. connecting set



Errors and alteration excepted.