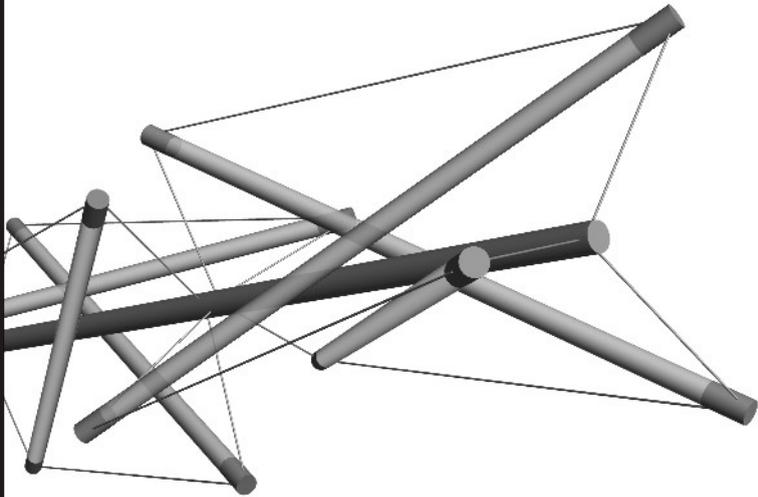




 **2011**

Light-Structure

# Light-Structure





The innovative "Light-Structure" series of luminaires by Lars Meeß-Olsohn, a patented, strikingly designed lighting system that combines structure and light in one module. The "Light-Structure" series of luminaires is based on the principles of the art of light-weight construction. By balancing the tension and compression forces, this construction method results in highly rigid

structures, enabling a lighting design that fills the room yet remains filigree. The modular character of the "Light-Structure" opens up a wide variety of application possibilities for designers and planners. We achieve a high degree of energy efficiency by using dimmable fluorescent lamps. Our products are also particularly noted for their design and economic efficiency.

The term "**Tensegrity**" is a combination of the words "tension" and "integrity" and describes the active interplay of tension and compression forces. Lars Meeß-Olsohn's passion for the strikingly and artistically designed Tensegrity Sculptures by the sculptor Kenneth Snelson led to the development of his "**Light-Structure**" series of luminaires.



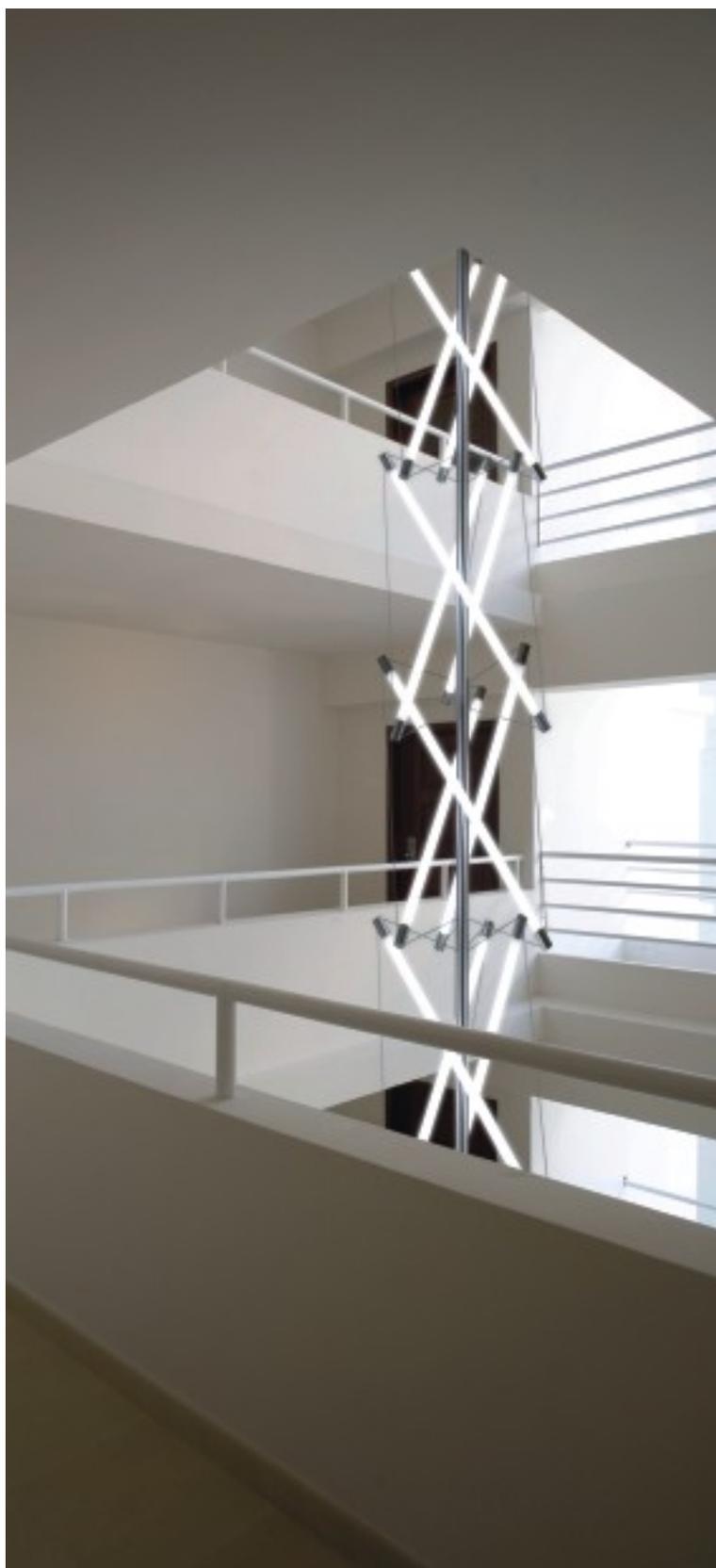
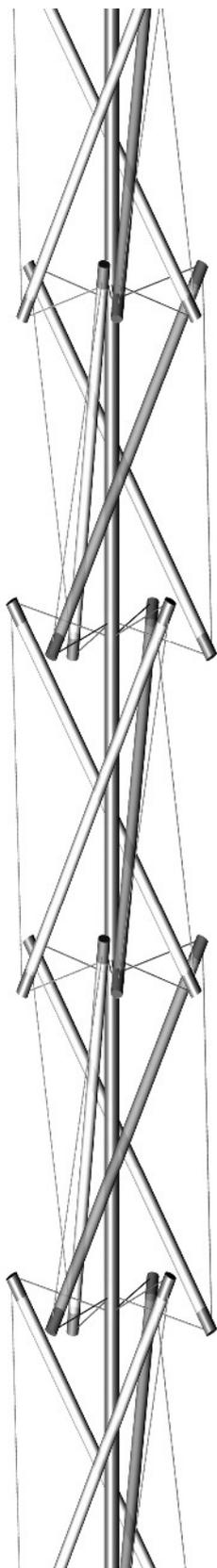
Light-Structure can be used as an individual luminaire or also as a modular lighting system. Whether horizontal or vertical, the self-supporting tensegrity structure allows almost limitless possibilities for combining and extending. Individual luminaires can be series connected as desired using vertical or horizontal straight connectors. Thus, for instance, six T3 - 150 pendant luminaires can be combined to produce an impressive, 8-metre-long luminaire structure.

### **TENSEGRITY T3 Special**

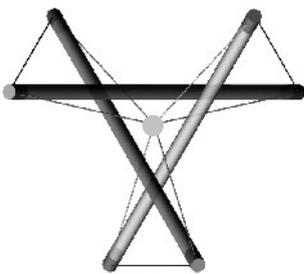
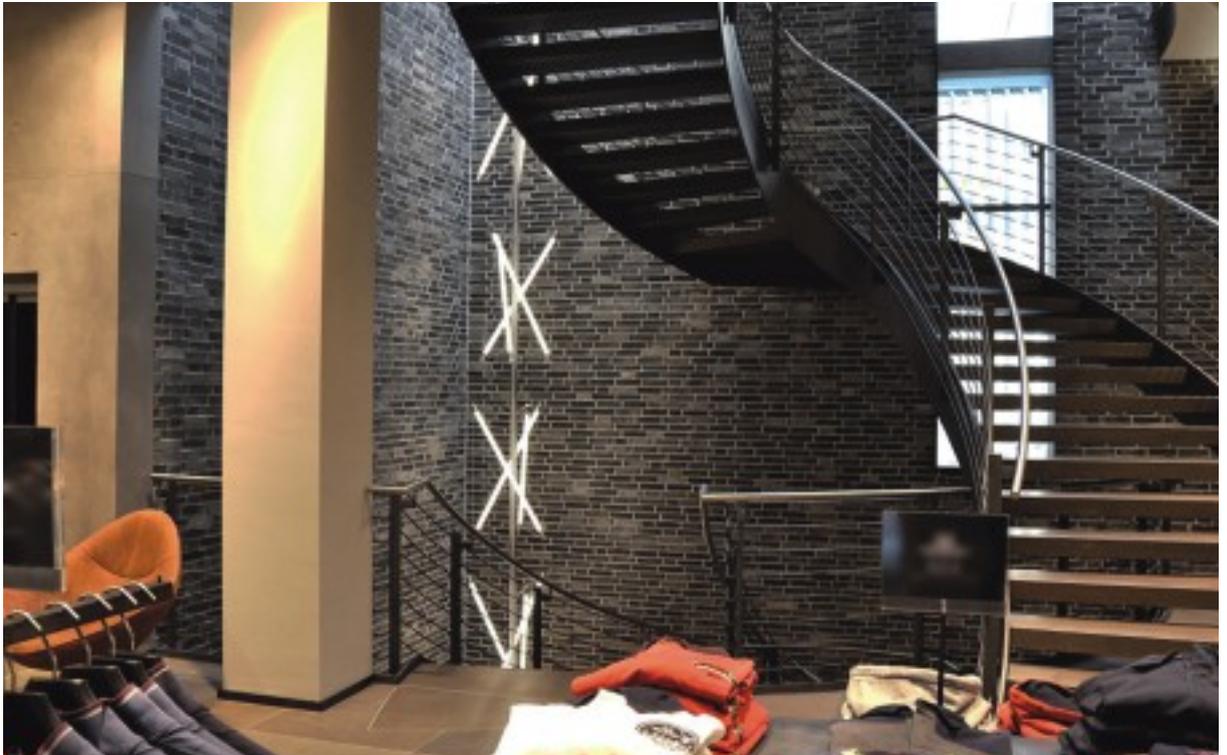
Pendant luminaire with vertical orientation. Individual luminaire made of aluminium with acrylic diffusers. The total structure is equipped for 18 x 35W HE T5 fluorescent lamps, with integrated, regulable, electronic control gear units. Prewired with heat-resistant cable and ready-to-connect.

Approx. length: 8000mm.

Approx. diameter: 700mm.





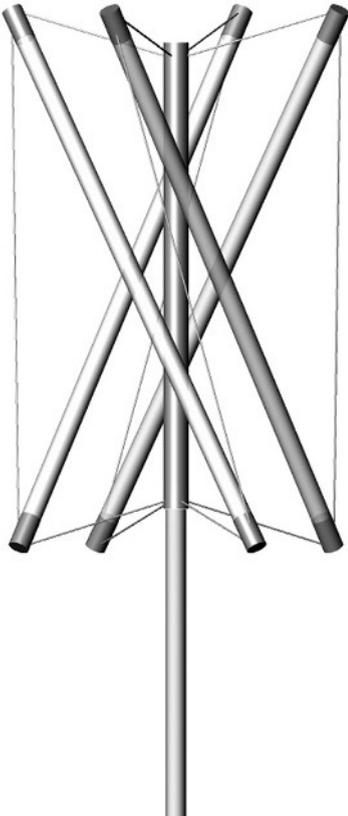


**Structure**

Stairway lighting using vertical structures in the stairwell provides an architecturally highly discerning and photometrically optimum solution. The use of the Light-Structure lighting systems achieves a step illumination that is absolutely uniform, shadow-free and therefore conformant to lighting standards. It is also glare-free and regulable.

**TENSEGRITY Special Structure**

Pendant luminaire with vertical orientation. Individual luminaire made of aluminium with acrylic diffusers. Equipped for fluorescent lamps with regulable, integrated, electronic control gear units. DALI/Push interface. Other control signals can also be used. Prewired with heat-resistant cable and ready-to-connect.



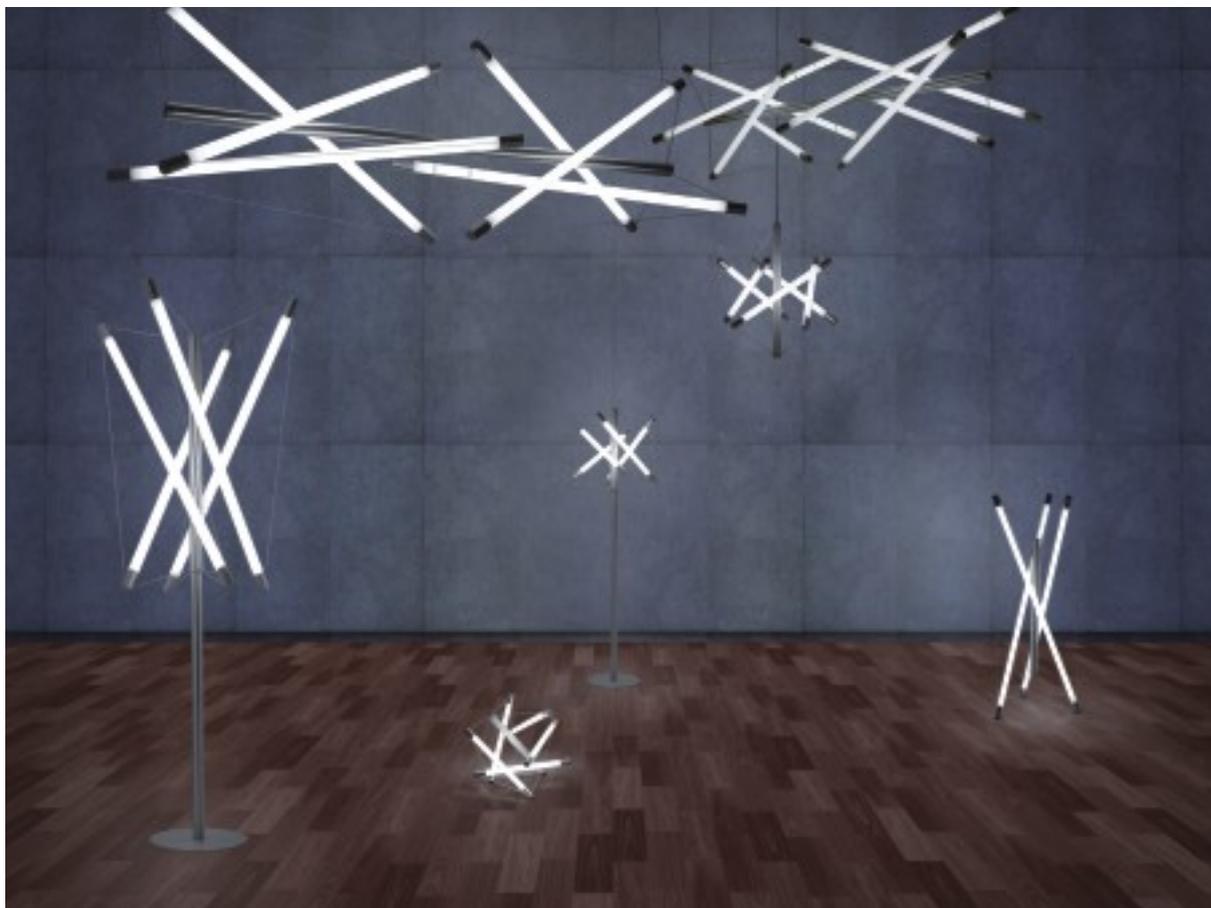


#### **TENSEGRITY IP**

Our mast luminaires for external use are visible from afar. They are elegant, longlasting landmarks that feature high-quality components and weatherproof materials.

#### **TENSEGRITY T4**

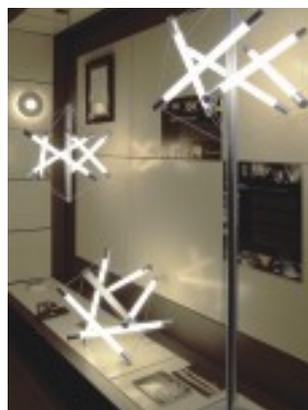
Decorative mast-mounted luminaire. Individual luminaire made of aluminium. The acrylic diffusers function as protective tube and are specially sealed and IP-rated. They are suspended between rust-free, stainless steel wire-ropes. Equipped for four 35W HE T5 fluorescent lamps. Luminaire with integrated, electronic control gear units. Prewired with heat-resistant cable and ready-to-connect. Approx. diameter: 800mm.



This is a highly varied and versatile luminaire range: as an individual luminaire with integrated dimming function or as a system luminaire, adapted to suit the project specifications.

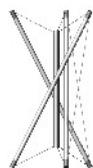


Installation, Gas AG connect-ion network, Leipzig, 2007



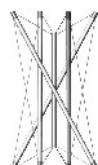
T5 presentation, Technology Centre, Bottrop

Pendant lamp



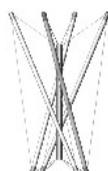
T3 - 120 Pendant lamp  
3 x 28W  
H 1100 Ø 700mm  
Art. No. 9101.328.10.13

T3 - 150 Pendant lamp  
3 x 35W  
H 1380 Ø 820mm  
Art. No. 9101.335.10.13



T4 - 120 Pendant lamp  
4 x 28W  
H 1090 Ø 720mm  
Art. No. 9101.428.10.13

T4 - 150 Pendant lamp  
4 x 35W  
H 1420 Ø 820mm  
Art. No. 9101.435.10.13



T4 - 120 Pendant lamp  
4 x 28W Cup form  
H 1090 Ø 720mm  
Art. No. 9102.428.10.13

T4 - 150 Pendant lamp  
4 x 35W Cup form  
H 1420 Ø 820mm  
Art. No. 9102.435.10.13



T5 - 90 Pendant lamp  
5 x 21W  
H 570 Ø 1140mm  
Art. No. 9101.521.10.13

T5 - 120 Pendant lamp  
5 x 28W  
H 570 Ø 1470mm  
Art. No. 9101.528.10.13

Connector for pendant lamps

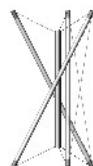
Coupling piece,  
horizontal  
Art. No. 9100.098.00.13

Coupling piece,  
vertical  
Art. No. 9100.097.00.13

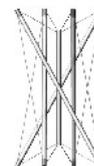
Suspension kit with  
shroud, horizontal  
Art. No. 9100.122.00.13

Suspension kit with  
shroud, vertical  
Art. No. 9100.121.00.13

Floor lamp



T3 - 150 Floor lamp  
3 x 35W  
H 1380 Ø 820mm  
Art. No. 9103.335.10.13



T4 - 150 Floor lamp  
4 x 35W  
H 1420 Ø 820mm  
Art. No. 9103.435.10.13

Outdoor lighting



T4 - 150 Outdoor lighting  
4 x 35W  
H 3400 Ø 900mm  
Art. No. 9107.435.10.13

## Imprint

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