

M30 Frame System (Accessory)

The M30 frame system which is available as an accessory allows the realisation of a highly flexible and professional lighting solution. Based on the single M30 modules the frame allows easy installation and customisation of the lighting system to the geometry of the cultivation area.

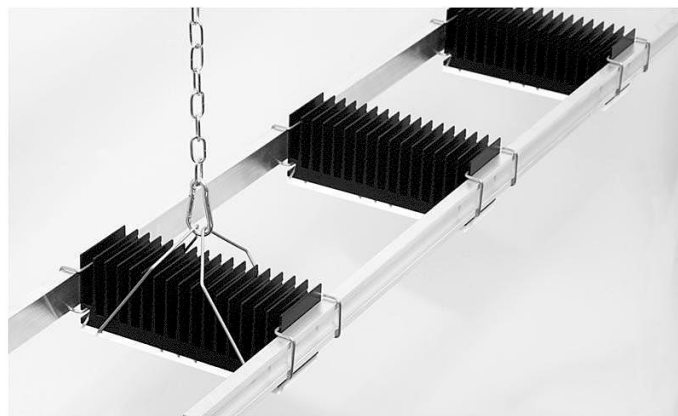


Fig. 1: example of installed M30 frame system

Two aluminium rails (Figure 2) are used to hold the M30 modules. Each module is fixed with two clamping brackets (Figure 3). Depending on the length of the rails there can be up to 8 M30 modules installed. The LED modules can be placed arbitrarily along the rails and can be shifted if desired. This way a flexible luminaire-line is assembled which can be hung up at the outer two M30 modules.

CAUTION: If more than 8 modules are mounted to the rail make sure to use more than two suspension points (e.g. mounting brackets of the M30) in order to distribute the weight.

The aluminium rails are available in various standard lengths (50cm, 74cm, 100cm). Optionally custom cut lengths up to 3m can be ordered.

What is required?

Following components are required to set up one luminaire-line:

- 2 x Aluminium Rail
- 2 x Clamping Bracket per M30 module



Fig. 2, aluminium rail



Abb. 3, clamping bracket

E.g. for a line consisting of 4 M30 modules 2 rails and 8 clamping brackets are needed.

Installation of the M30 module with the clamping brackets

Fasten the M30 module with the aid of the clamping brackets as shown in figure 4 to 6.

Make sure to keep a minimum clearance of 10cm between two adjacent M30 modules.

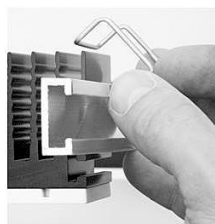


Fig. 4



Fig. 5



Fig. 6

Laying the Cables

The cables can be laid into the groove of the aluminium rail as shown in figure 7. Where required the cables can be additionally fixed and bundled by the aid of Velcro-Straps or zip ties.



Fig. 7

System Installation

The luminaire-line can be mounted at the mounting clamps of the outer two M30 modules (see figures 8 and 9).

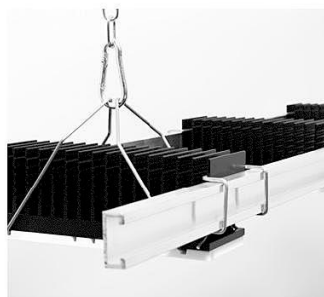


Fig. 8

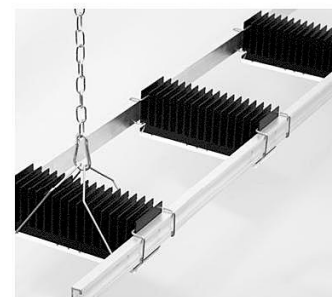


Fig. 9

We wish you all the best with your M30 lighting system. For further information and questions please contact your local dealer or write to us at www.sanlight.info.

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