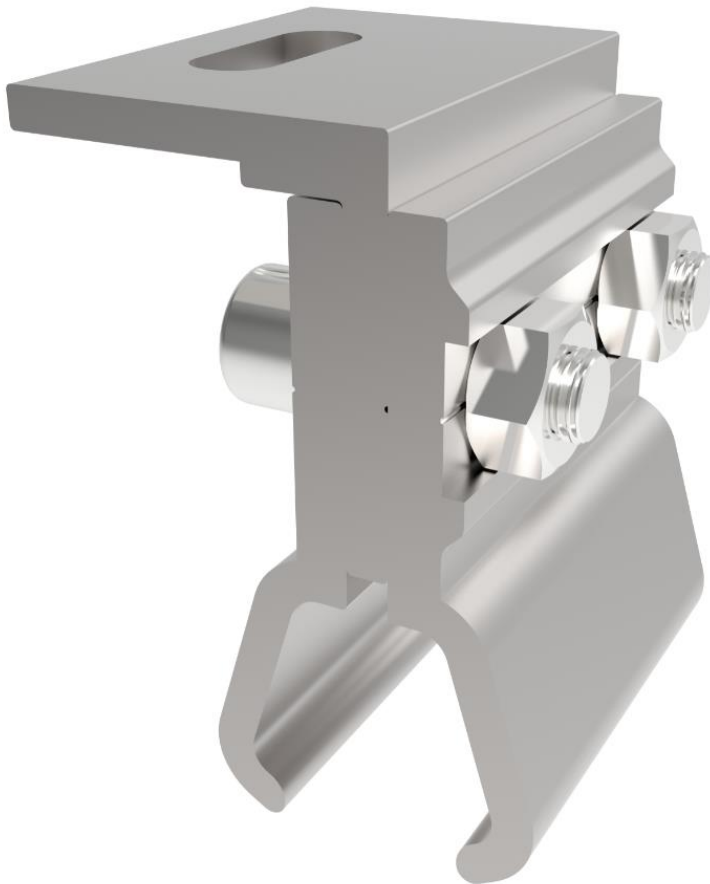


## KLIP-LOK / SAFLOK 700 MOUNTING BRACKET

### 1. SYSTEM OVERVIEW

Designed for fixing PV modules to concealed fix metal roofs. The LM-KS700-F is designed to fit on the very popular GRS Klip-Lok and Klip-Tite and Safintra SAFLOK 700 profiles among others. The clamp is composed of aluminium and stainless steel allowing durability and metallurgical compatibility with most metal roofs. Holding strength has been verified by credible institutions. The clamp is compatible with the standard Lumax rails, grounding washer, mid clamp and end clamps.

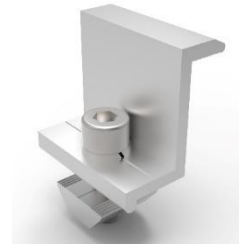
**LM-KS700-F**



**LM-IC35 / 40**



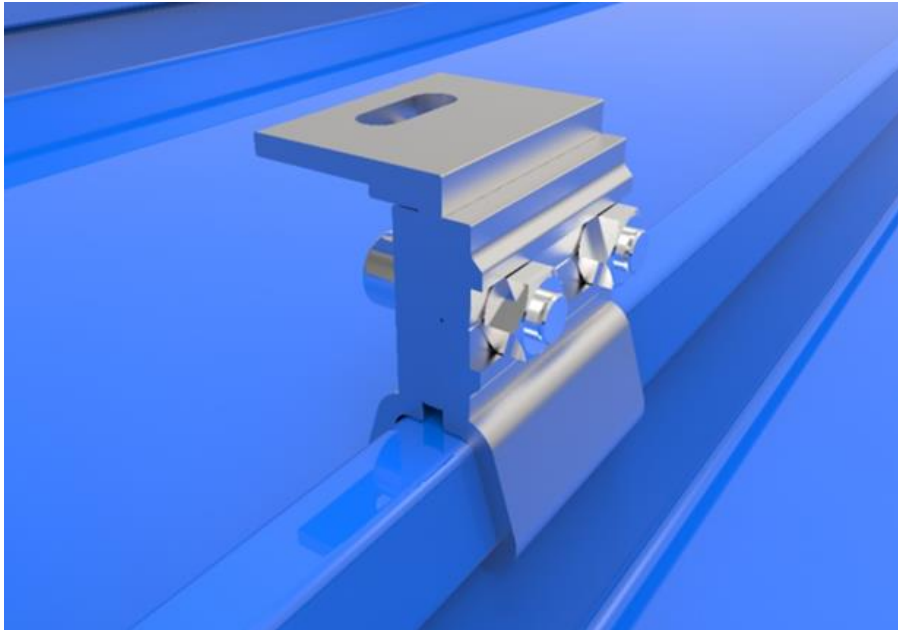
**LM-EC35 / 40**



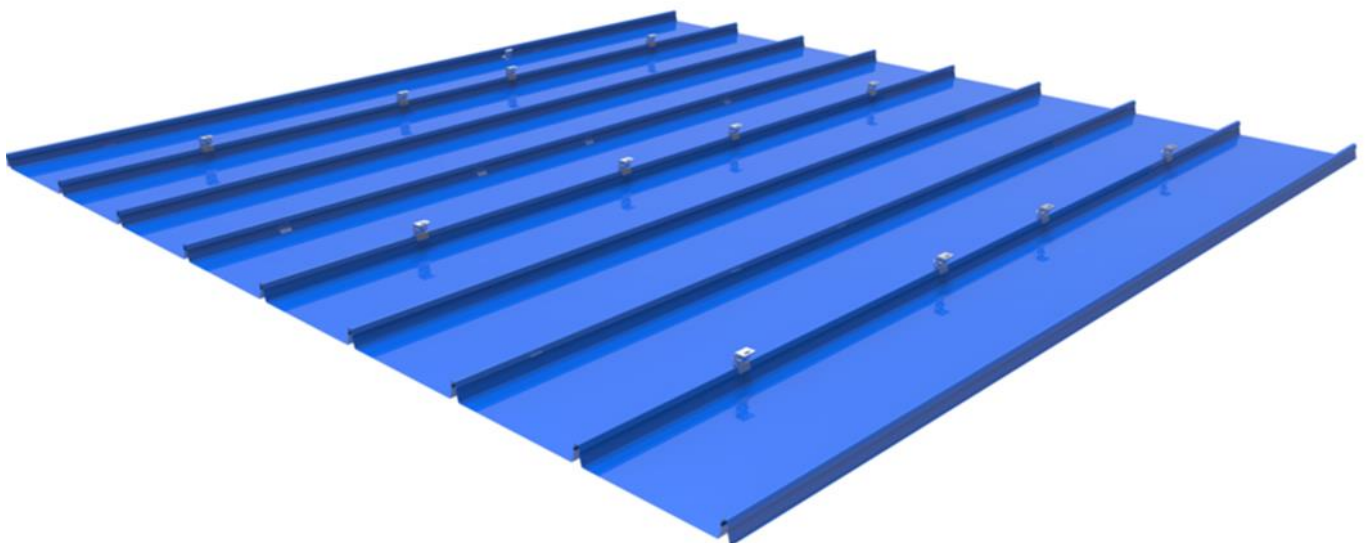
The LM-KS700-F is well suited for full rail solutions or cable tray and other attachments to Kliplok / Saflok roofs.

## 2. INSTALLATION

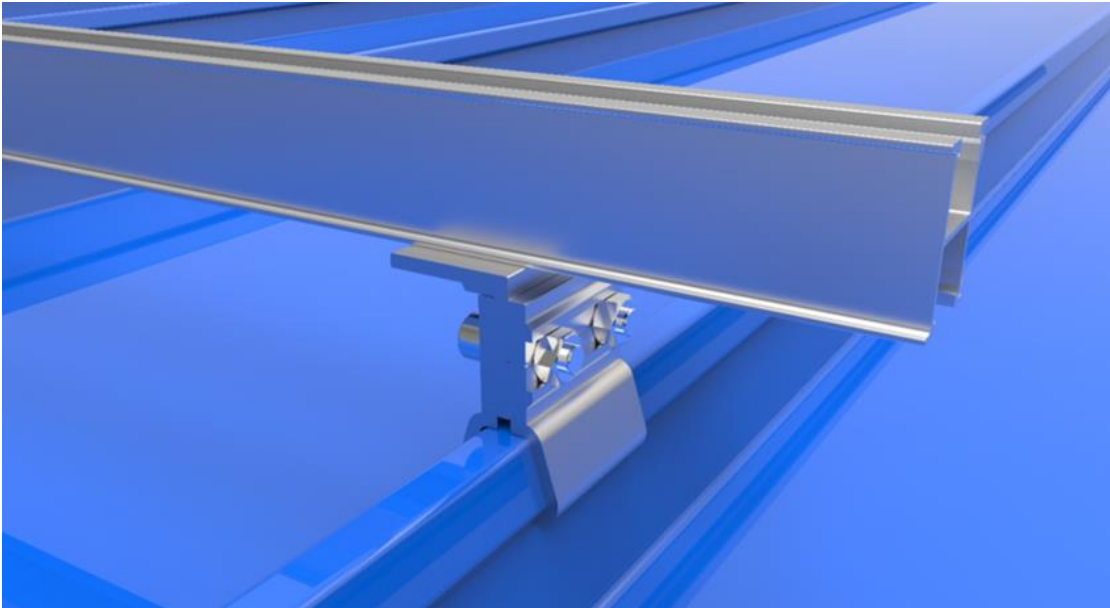
- 1) Consult the roof sheet manufacturer with respect to specific mounting requirements.  
Some common indications are:  
Avoid clamping directly over cleats (where the sheet is connected to the substructure).  
Avoid clamping on male-female overlapping ribs. i.e. every 3<sup>rd</sup> seam for the 700 type profile.  
Avoid high loads mid-span between purlins.  
Consult an engineer when tilting of panels relative to the roof sheet plane.
- 2) The LM-KS700-F is supplied preassembled to facilitate a fast installation time once the layout has been established. A groove holds the 2 nuts in position to allow easy 1-tool tightening.
- 3) 16(+4) Nm is recommended fastening torque for clamp bolts.



- 4) Choose horizontal spacing (rail position) of LM-KS700-F clamp considering point 1 above as well as the panel manufacturer's preferred clamping ranges.

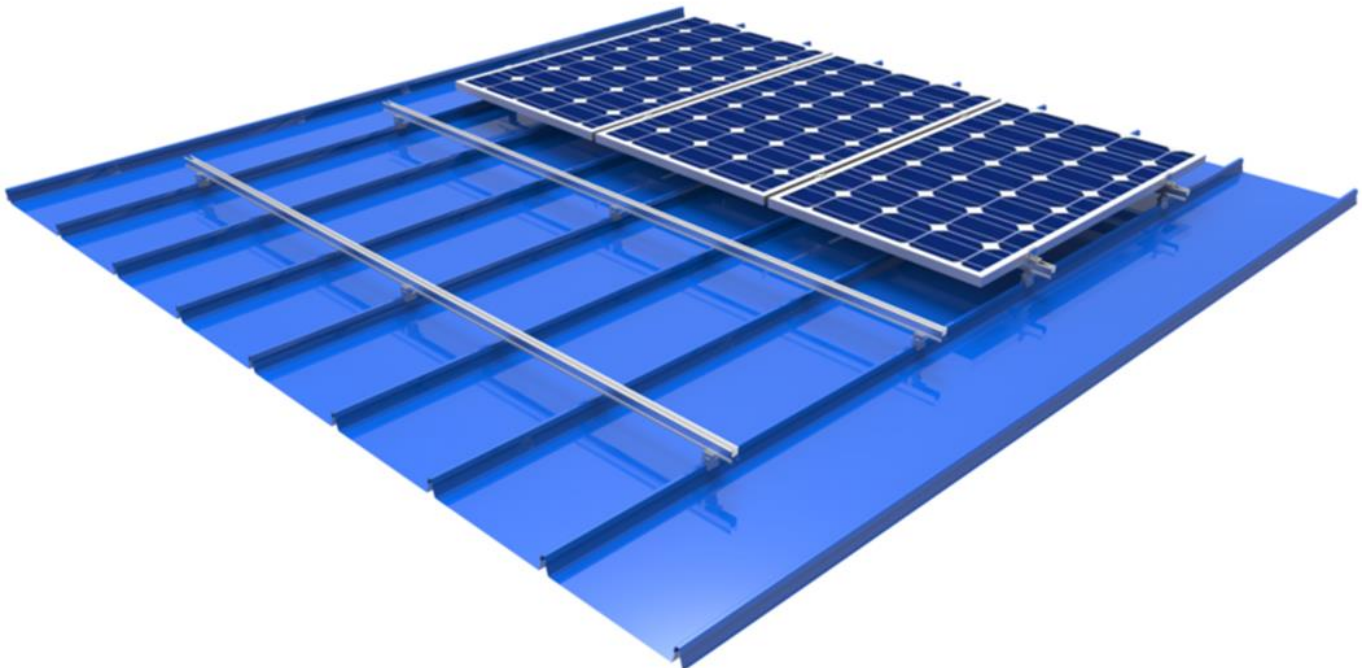


- 5) Attach the Lumax top-bottom rail to the LM-KS700-F with the appropriate Lumax rail nuts. Recommended torque value of 16(+2)Nm. Typical spans are 1.6m. For longer span requirements and in higher wind areas consult with design engineers.

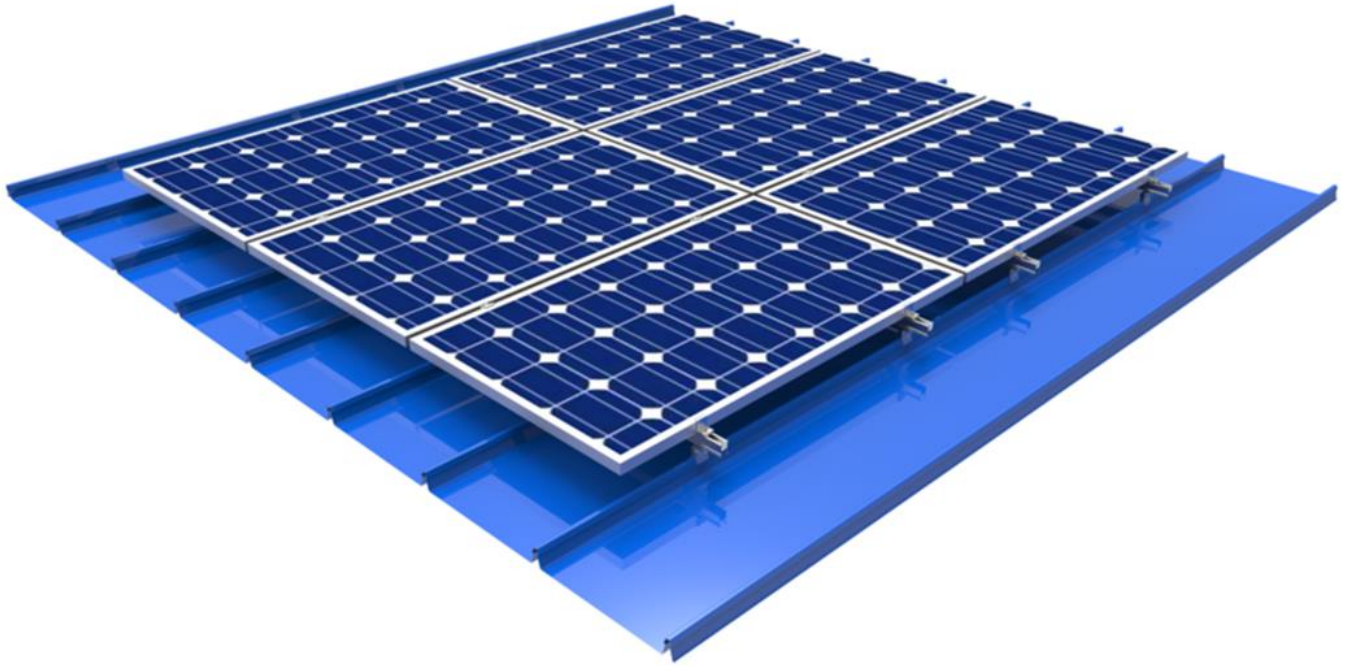


6)

- 7) The KS-700-F can also be used with the Lumax side fix rail in conjunction with an L-bracket or cross connector piece.
- 8) Lay PV modules into position working from 1 side, starting with LM-EC clamps on the end and LM-IC clamps in between modules. Module clamps should be tensioned considering the module OEM specification, but in general 12Nm - 14Nm.



9) Complete installation.



**END**