



Strada- IP2X6 Installation guide

General information of Strada IP2x6-product assembly. The following instructions should be observed before using product. To ensure reliable assembly, Strada IP2x6 fastening materials (heat sink, screw) need to be suitable for lens attachment.

1. Heat sink machining
2. Screw requirements
3. Assembly
4. Screw fastening

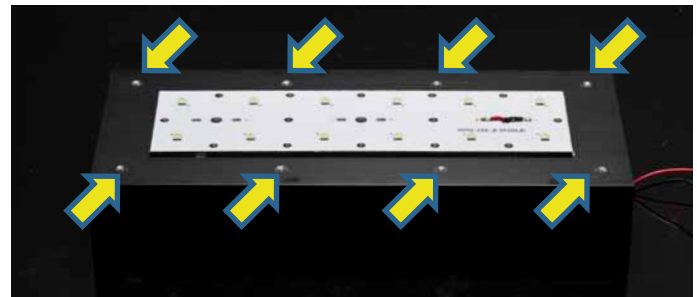
1. Heat sink machining

Cable holes and screw thread holes must be done before lens assembly.

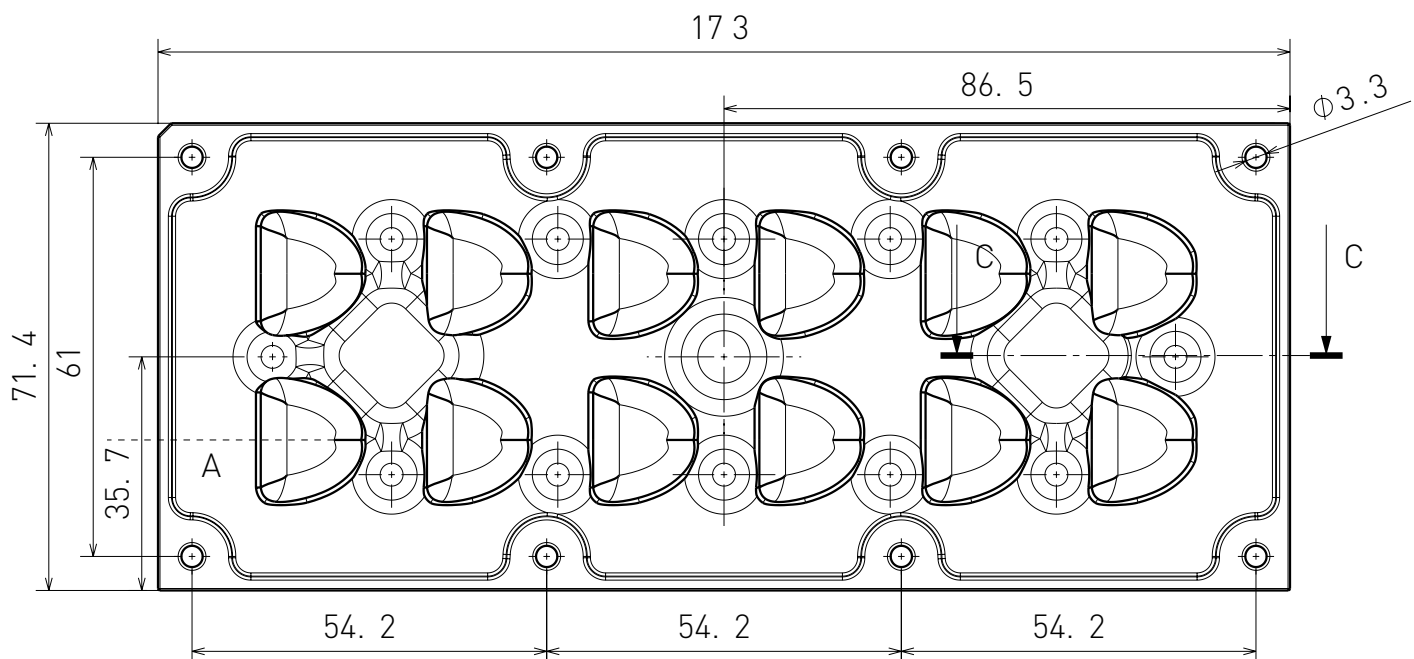
After cable holes and threaded screw holes are machined, ensure that anodized heat sink surface is even.

Screw thread hole accuracy is $\pm 0,1\text{mm}$ (yellow arrow in picture)

Screw vertical straightness tolerance is $\pm 10, 1\text{mm A}$.



Top view

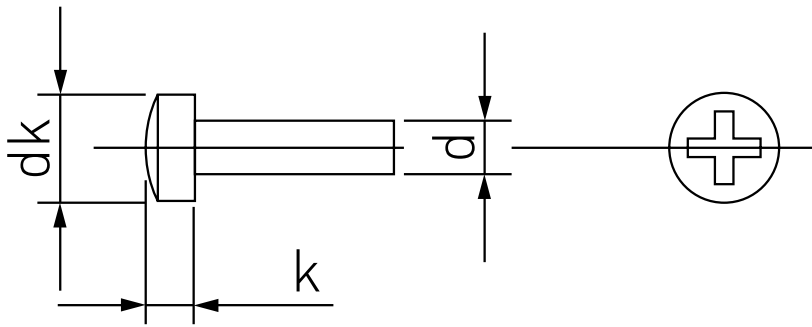




2. Screw requirements

STRADA IP2x6 lens attachment screws are of type M3. (DIN 7985, ISO 7045/ISO 14583 TX)

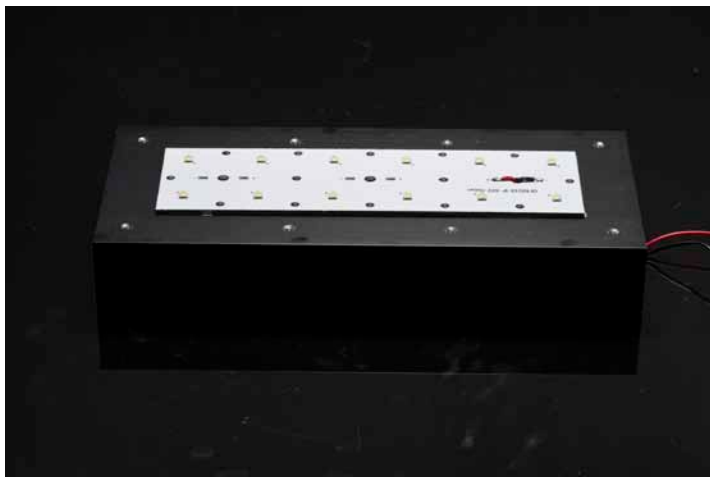
Countersunk screw is not allowed.



DIN 7985	
Thread Size	M3
dk	6mm
d	3mm
k max	2,52mm
L	4-22mm

3. Assembly order:

- a. heat sink
- b. MCPCB with thermal pad or thermal paste
 - i. Make sure that MCPCB wires come through heat sink hole





c. Lens/silicon seal

- i Use lens position pins to align MCPCB.



d. screw fastening

- i. Install all screws before tighten.
- ii. Max torque 0,57Nm
- iii. Tightening order

