OSRAM

Our Brands

traxon
e:cue

Mounting Guide

16PXL BOARD RGB 2.0

CAUTION
ELECTROSTATIC SENSITIVE DEVICES
DO NOT OPEN OR HANDLE EXCEPT AT A STATIC FREE WORKSTATION OR WEARING ANTI-STATIC WRIST STRAP

Mounting Pattern "D"
Mounting Pattern "C"
Mounting Pattern "B"
Mounting Pattern "A"

230mm
62.5mm
230mm
62.5mm

12mm
or 16mm for Spacer with Screws
2mm
11.5mm
PCB Mounting Spacer
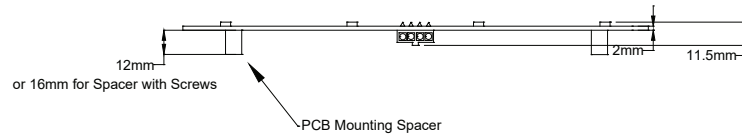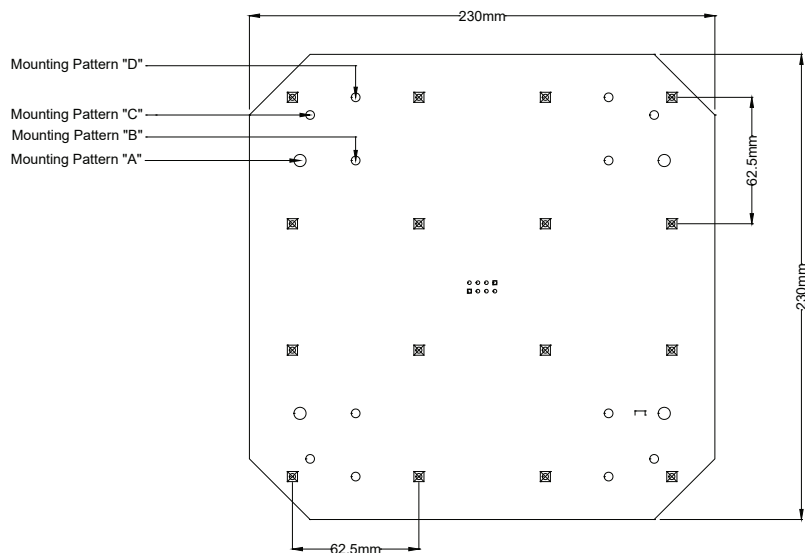
Mounting Accessories

Mounting kit Screw-Spacer (Ø 6mm)

4 x 35mm Screws

4 x Nylon Spacers

3.175mm
15.875mm
7.925mm
4.293mm

Nylon Spacer Dimensions

Board holder, punch version (Ø 4.3mm)
Sheet metal

ø 4mm
3,8mm
12mm
1,2mm
11mm
5mm
4mm
11mm

Drill hole: 5.5mm

Board holder, drill version (Ø 4.3mm)
Wood

14,3mm
5,6mm
12,7mm
8,7mm
11mm
7,1mm
2,8mm
5,6mm
11mm

Drill hole: 8mm

MOUNTING SPACER (4x)
all Board holder types

(I)
(II)

SCREW (4x)
for Screw-Spacer only

25   180   70   180   25
52.5
20
125
125
20
125
62.5
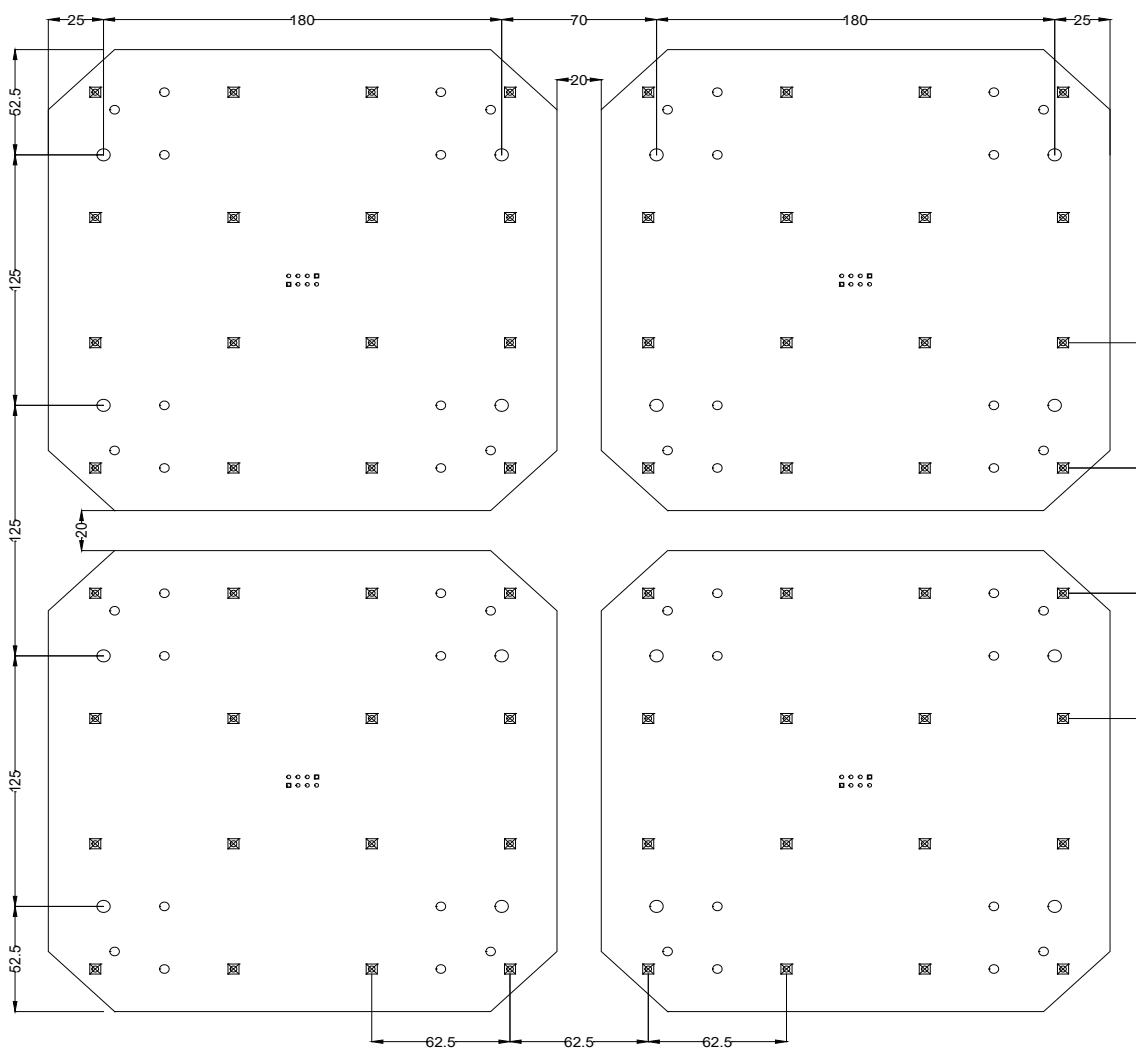62.5
62.5
62.5
62.5   62.5   62.5
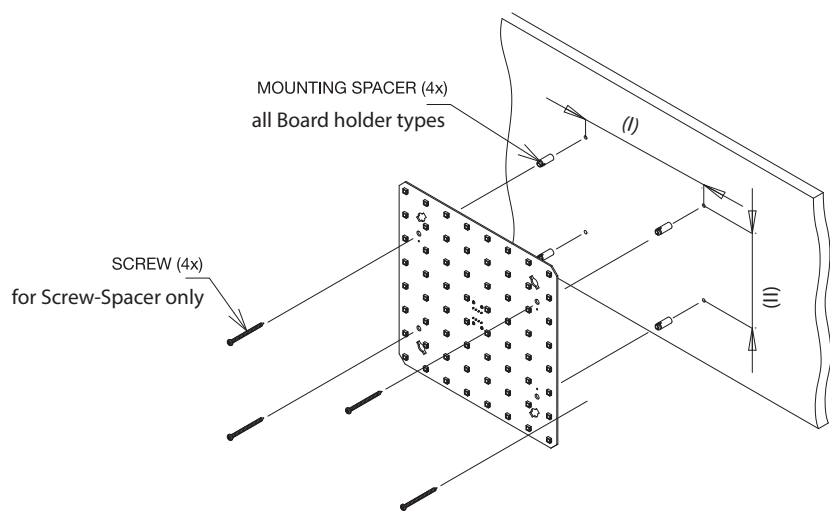
Mounting Pattern:

A : Ø 6mm; interspace 180mm (I) and 125mm (II); for Screw-Spacer.

B : Ø 4.3mm; interspace 125mm (I) and 125mm (II); for Board holder drill version and punch version.

C : Ø 4.3mm; interspace 170mm (I) and 170mm (II); for Board holder drill version and punch version.

D : Ø 4.3mm; interspace 125mm (I) and 187.5mm (II); for Board holder drill version and punch version.
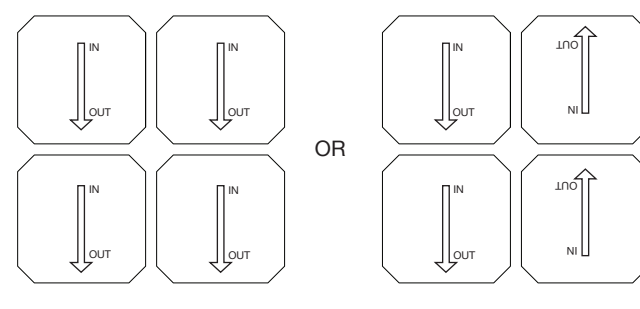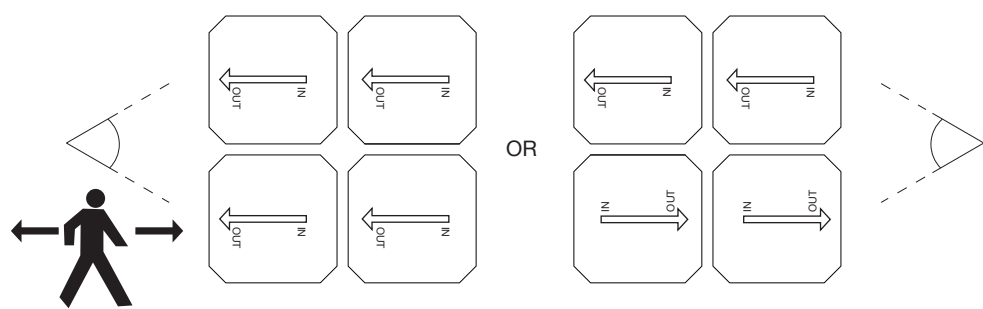

Orientation and Color Mixing

For left or right viewing angles, align the boards left to right or right to left.

"Snake Mode"

OR

Main movement pattern

For top or bottom viewing angles, align the boards top to bottom or bottom to top.

"Snake Mode"

OR

Main movement pattern

- For best color mixing results, ensure the boards have the same orientation and remain parallel to the main movement pattern of the veiwer.
- If same orientation cannot be achieved, ensure the orientation of the boards that snake back are 180° to the previous row / column and consider the main movement pattern of the viewer.