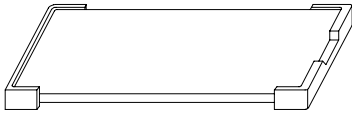

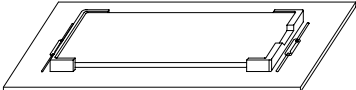


Selecting the Backlight

A backlight is required for transfective or transmissive type. Broadly, there are three types of backlight - LED, EL, and light bulb - and each has the particular features described below, Select the proper type for your application.

Type	LED	EL	Light Bulb
Format			
Lifetime	20,000H to 100,000H	1,000H to 5,000H	200H to 500H
Drive voltage	2V DC	Minimum 30V AC	1.5V DC
Light conduction plate required	Required (thickness 0.8 to 2mm)	Not required	Required (thickness 1 to 2mm)
Inverter required	Not required	Required	Not required
Features	Inverter not required Long life	Thin	Can be driven with 1.5V Bulb is fitted to the main PCB