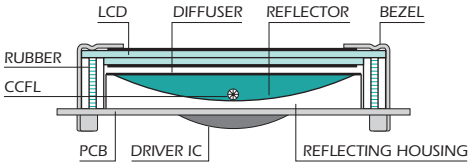
Introduction of Backlight

Characteristics

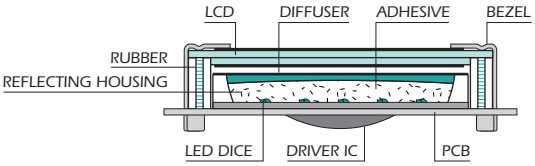
CCFL	EL	LED
1. Long life time 2. Uniform brightness 3. High brightness	1. Uniform brightness 2. Low power consumption 3. Thin and light	1. Low voltage DC power 2. Very long life time

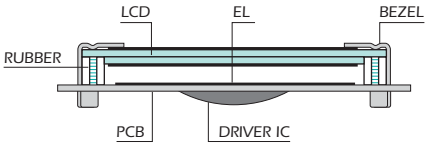
Construction

Direct lighting type:

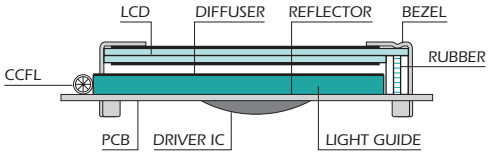


Direct lighting type

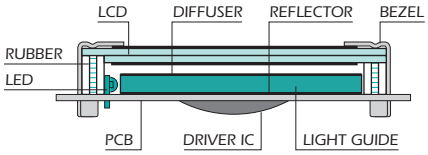




Edge lighting type:



Edge lighting type:



Luminous intensity		
◎	△	○
Emitted Color		
White	White, Blue, Green	Yellow, Yellow Green, Green, White, Blue, Red, Amber
Driving Voltage		
AC 1000V Max. 80KHz	AC 100V 400Hz	DC 2.1V or 4.2V
Life Time		
50,000Hrs ~	5,000Hrs ~	50,000Hrs ~
Thickness		
Direct light type: about 12mm Edge light type: about 3mm	about 0.4mm	Direct lighting type: about 5.0mm Edge lighting type: about 1.0 - 2.5mm