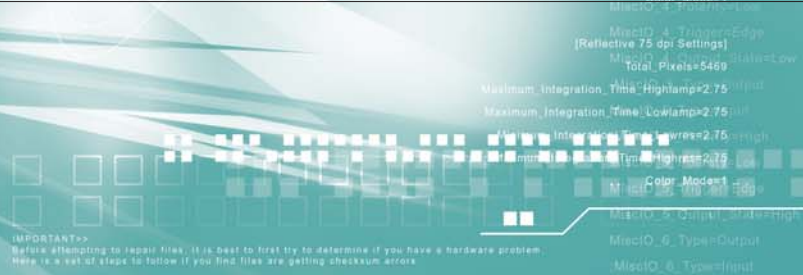


# Type of LCD

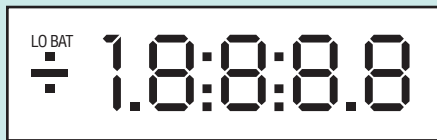


LCD Mode	Color Mode	Dot Color	Background Color	Display Mode	Contrast	Viewing Angle	Response Time	Glass Thickness	LCD Thickness
TN	Black/Gray	Black	Gray	Pos.; R, Tf, Tm	△	△	◎	1.1mm	2.9mm
STN	Yellow	Blue	Yellow-Green	Pos.; R, Tf, Tm	○	◎	○	0.7mm	2.1mm
	Gray	Blue	Gray	Pos.; R, Tf, Tm					
	Blue	White	Blue	Neg.; Tm only					
FSTN	Black/White	Black	Gray	Pos.; R, Tf, Tm	◎	◎	○	0.5mm	1.7mm
	White/Black	White	Black	Neg.; Tm only					

\* Pos. = Positive; Neg. = Negative; R = Reflective; Tf = Transflective; Tm = Transmissive

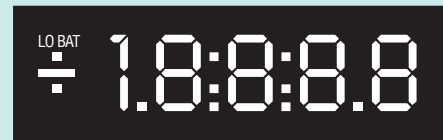
## Display Mode

### 1. Positive Type



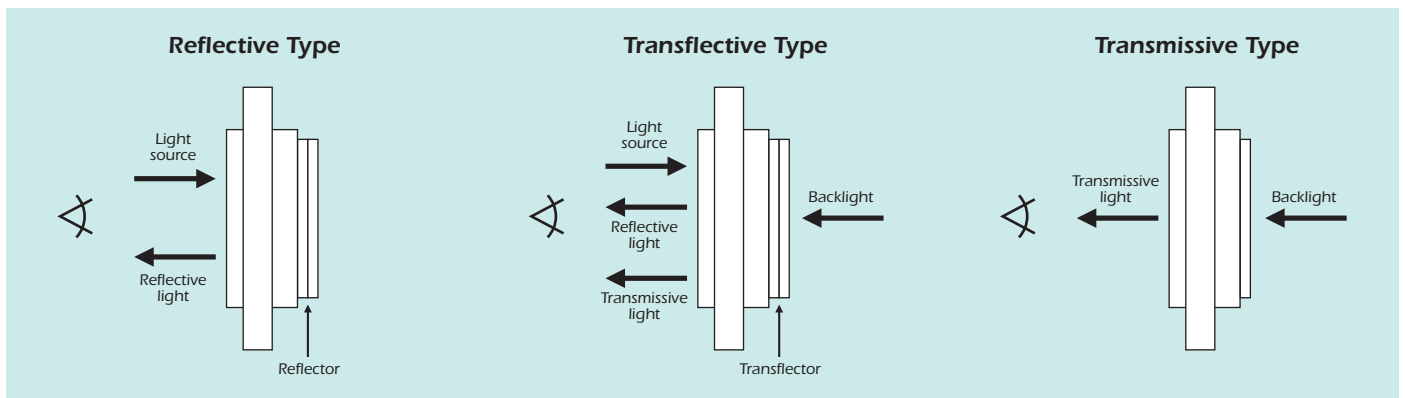
\* Ambient light is necessary to use this type

### 2. Negative Type



\* Most applicable for backlighting system

## Polarizer Mode



\* Ambient light is necessary to use this type.

\* Ambient light is taken from the outside during day and a backlight is used in the dark.

\* A backlight is always used.

## Temperature Range

Normal Temperature		Extended Temperature		Extreme Temperature	
Operating Temp.	Storage Temp.	Operating Temp.	Storage Temp.	Operating Temp.	Storage Temp.
0°C ~ +50°C	-20°C ~ +70°C	-20°C ~ +70°C	-30°C ~ +80°C	-30°C ~ +80°C	-40°C ~ +90°C