

OPTIONS & SELECTION GUIDES

TN (Twisted Nematic)

STN (Super Twisted Nematic)

- STN type offers high contrast and wide viewing angle.
- STN type is available with different background colors;
- Yellow-green w/black characters
- Silver-gray w/dark blue characters
- Dark blue w/white characters

FSTN (Film STN)

- Black and white STN with very high contrast ratio for large graphic panels.

BACK LIGHT

EL (Electro- luminescent)

- Power efficient

LED with a choice of colors

- Bright and even back lighting
- Long life expectancy, more than 100,000 hours
- Simple to drive. Needs +5 volts only
- Brightness can be easily adjusted

CCFL (Cold Cathode Florescent Light)

- Paper white, best for large graphic displays
- Less power consumption than LED's

TEMPERATURE RANGE

	OPERATION (°C)	STORAGE (°C)
STANDARD	0 ~ +50	-20 ~ +70
EXTENDED	-20 ~ +70	-30 ~ +80

DISPLAY TYPE

- Positive image (Dark dots on light background)
- Negative image (Light dots on dark background)

VIEWING ANGLE

- 12:00 (Top) Display is below eye level
- 6:00 (Bottom) Display is above eye level

SELECTION GUIDE

DISPLAY/POLARIZER	DISPLAY DESCRIPTION	OUTDOORS	OFFICE LIGHT	SUBDUED LIGHT	VERY LOW LIGHT	COMMENTS
REFLECTIVE POSITIVE	DARK CHARACTERS ON A LIGHT GREY OR YELLOW BACKGROUND	EXCELLENT	VERY GOOD	POOR	UNUSABLE	CAN'T BE BACK LIT
TRANSFLECTIVE POSITIVE	DARK CHARACTERS ON A LIGHT GREY OR YELLOW BACKGROUND	EXCELLENT	VERY GOOD	VERY GOOD	EXCELLENT	BEST CHOICE FOR GENERAL USE
TRANSMISSIVE NEGATIVE	LIGHT CHARACTERS ON A DARK BACKGROUND	POOR	GOOD	VERY GOOD	EXCELLENT	MUST BE USED WITH A BACK-LIGHT
TRANSMISSIVE POSITIVE	DARK CHARACTERS ON A LIGHT GRAY OR YELLOW BACKGROUND	GOOD	VERY GOOD	EXCELENT	EXCELLENT	HIGH CONTRAST DISPLAY

TEMPERATURE COMPENSATION & EL LIFE TIME

