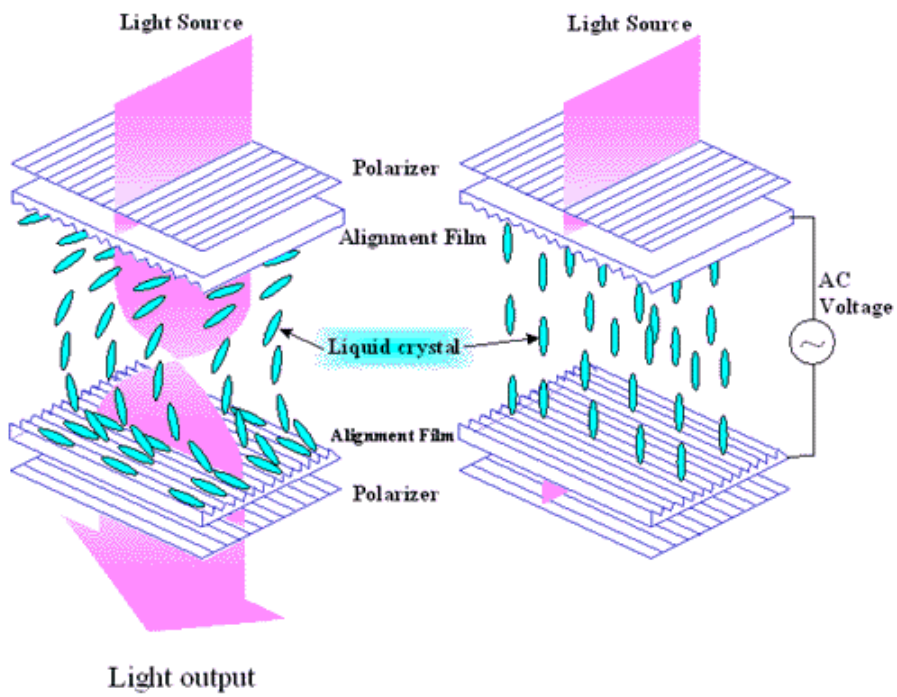


LCD

- (Liquid Crystal)
- 가 가
- 가
- ,

LCD(Liquid Crystal Display)



1. 가

- 'OFF' 가 , . (가)
- 'ON' 가 , 가 . (가)
- 가 , .

< LCD Display >

-
-
-

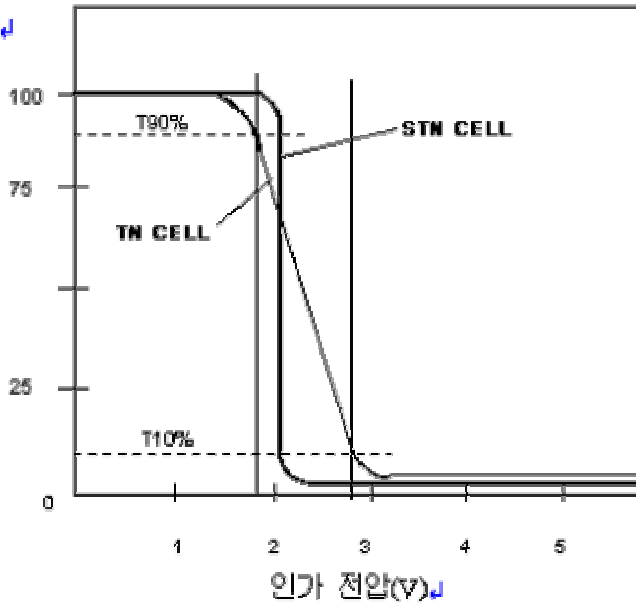
TN LCD

TN LCD ON, OFF 90° Twist Angle 가 .

STN LCD

TN LCD (,) STN(Super Twisted Nematic) LCD 가 , STN LCD TN LCD Twist Angle(90°) 180' 270' Total Twist Angle .

투과율(%)



- * TN CELL = 90° Twist
- * STN CELL = 180° - 270° Twist
- * V_{10}/V_{90} (TN) = 1.6
- * V_{10}/V_{90} (STN) = 1.03

STN TN Voltage

- STN LCD
- (Rubbing)
CELL
가
-
- CELL (Cell Gap) , CELL
- 가
- STN LCD

TFT LCD

- STN LCD , Color , Cell Gap ,
Gray Scale 가
- Active Matrix LCD(TFT Thin Film Trasistor LCD)가
- AM TYPE LCD STN , Cost Down