



**APOLLO
DISPLAY
TECHNOLOGIES.**

The LCD Specialists...

Industrial 8.4" VGA LED Backlit TFT

Features:

- ◆ Long life white LED backlight system
- ◆ Easy drop-in design for use in Medical, Military, Kiosks, Machine Automation and Industrial Control applications
- ◆ Wide operating temp. range, wide viewing angle, high contrast ratio and brightness ratings
- ◆ Ultra clear touch sensor (87% light transmission)- optional
- ◆ 100% dimming capability w/ CDS-CCR2-600M board- optional

P/N: T-51638D084J-FW-A-AC-V399



Specifications

LCD Panel:

- 8.4"-TFT Active Matrix color
- 170.9(H) x 128.2(V) mm active area
- VGA 640 x 480 resolution (maximum)
- 0.267 (H) x 0.267 (V) mm dot pitch
- 260k colors
- 660 nit brightness (typical)
- 500:1 contrast ratio (typical)
- 6/19 ms response time (typical at 0° C)
- 130° (H), 110° (V) viewing angle (typical)
- 50,000+ hour LED life (projected)

Display Interface:

- 18/24-bit parallel data transfer (6/8-bit color) selectable

Ordering Options:

P/N: T-51638D084J-FW-A-AC-V399

Standard 8.4" VGA TFT w/ Anti-Reflective Front Surface Treatment and White LED Backlight System

P/N: T-51638D084J-FW-A-AC-V399B

Standard 8.4" VGA TFT w/ Anti-Reflective Front Surface Treatment, White LED Backlight System and integrated 4-wire resistive touch

P/N: CDS-CCR2-600M

100% dimmable constant current regulator interface board

Power:

- Panel Supply Voltages 3.3V DC
- LED Backlight Supply Voltage 8.9V DC typical per rail
- 5.82 W (max per LED rail)

Mechanical and Environmental:

- 199.5 (W) x 149.0 (H) x 11.5 (D) mm
- 360 g (typ)
- LCD operating temperature range: -20~70° C
- LED operating temperature range: -30~85° C
- LCD Storage temperature range: -20~80° C

Mechanical Drawing

Download the full mechanical specification at
www.apollodisplays.com