



## ULF/ULH0705-T 7" TFT LCD, 1000 nits LED Backlight, 1280x800

The ULF/ULH0705-T is a 7 inch industrial grade sunlight readable LCD, with high brightness 1000 nits, it produce sharp images, crisp text and lifelike colors. The Ubipixel LED backlight technology ensures high reliability and low power consumption, suitable for outdoor application, kiosk, factory automation, military, transportation and gaming application.

### Key Features

- High Brightness 1000 nits
- LED Backlight
- Sunlight Readable
- Wide Temperature (-20 °C ~ 70 °C)
- Low Power Consumption
- BL MTBF: 100,000 hours



### Specifications

Model Name	ULF/ULH0705-T
Description	7" TFT LCD, 1000 nits LED Backlight, 1280x800
Screen Size	7"
Display Area (mm)	149.76(H) x 93.60(V)
Brightness	1000 cd/m <sup>2</sup>
Resolution	1280x800
Aspect Ratio	16 : 10
Contrast Ratio	900 : 1
Pixel Pitch (mm)	0.117(H) x 0.117(V)
Pixel Per Inch (PPI)	216
Viewing Angle	176°(H), 176°(V)
Color Saturation (NTSC)	60%
Display Colors	16.7M
Response Time (Typical)	35ms
Panel Interface	LVDS
Input Interface	VGA, DVI-D, HDMI
Input Power	DC12V
Power Consumption	4W (5W with AD Board)
OSD Key	4 Keys (Power Switch, Menu, +, -)
OSD Control	Brightness, Color, Contrast, Auto Turing, H/V Position...etc
Dimensions (mm)	161 x 107 x 5.92 mm
Bezel Size(U/B/L/R)	9.7/3.7/7.37/3.87 mm
Weight (Net)	78g
Operating Temperature	-20 °C ~ 70 °C
Storage Temperature	-20 °C ~ 70 °C

ULF= Panel + LED Driving Board

ULH= Panel + LED Driving Board + AD Control Board

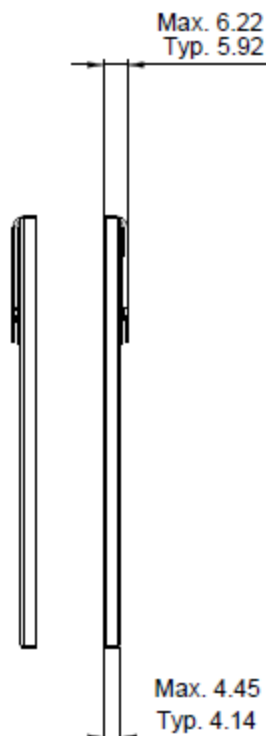
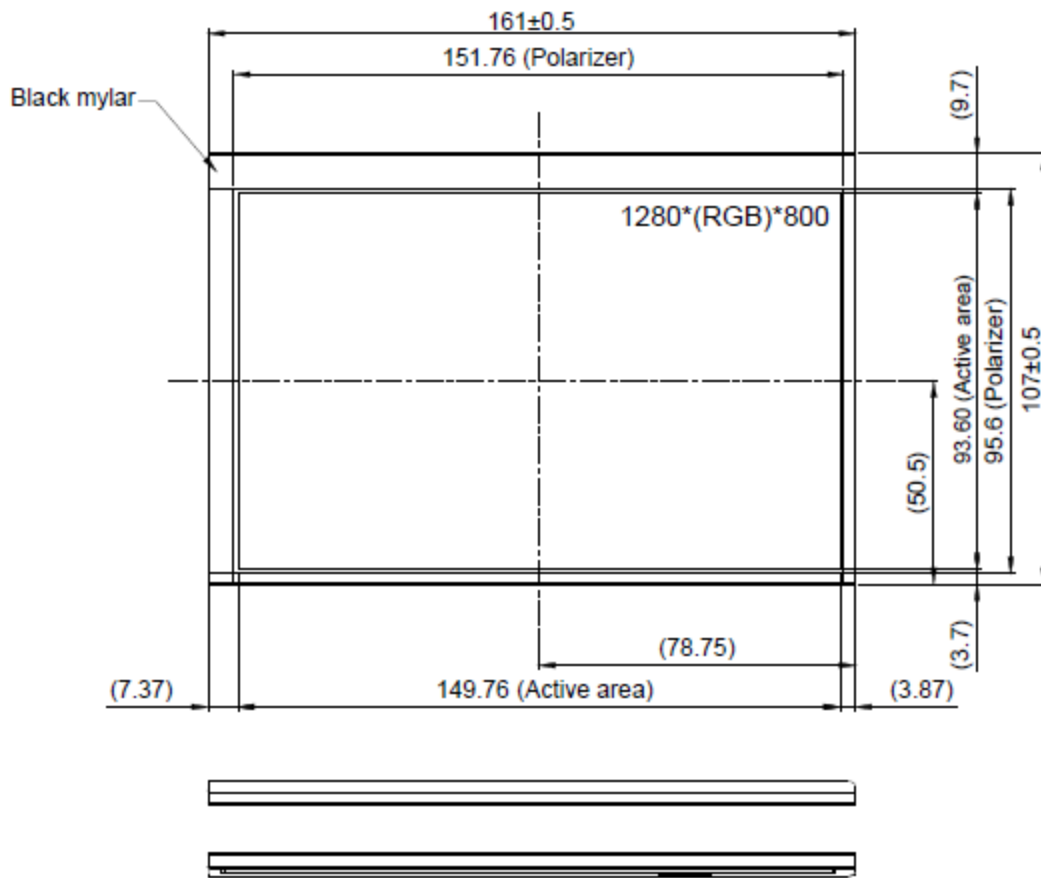
*Specifications are subject to change without notice.  
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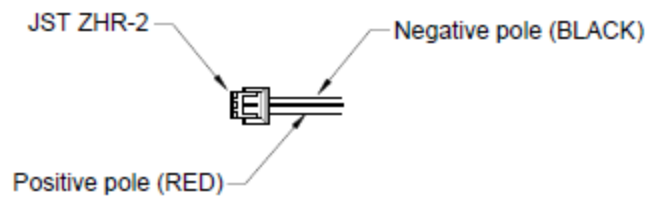
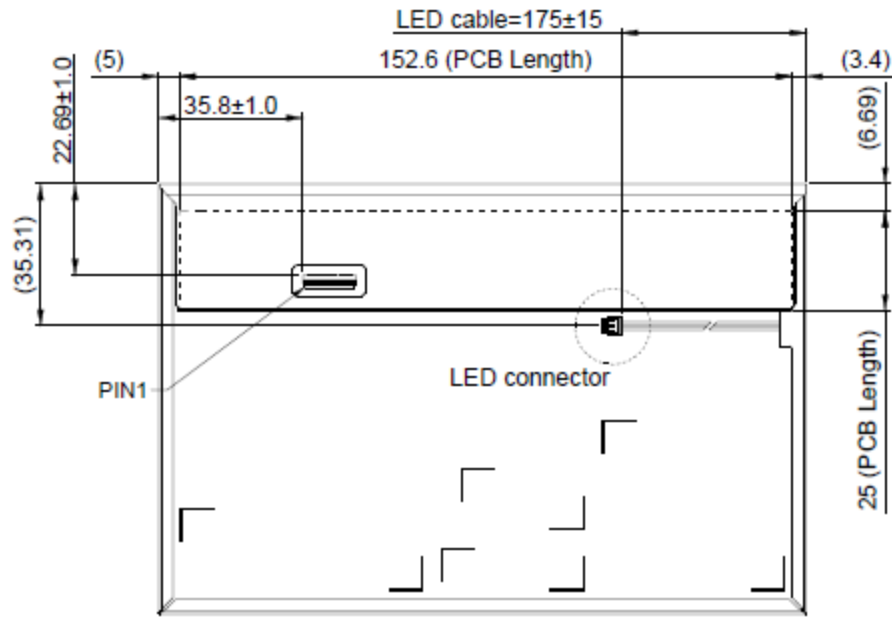


## Mechanical Drawing

### Outline Dimensions

Unit: mm





LED connector View

Note:

- 1.General tolerance:  $\pm 0.3$
- 2.Display type: a-si SFT-TFT
- 3.Recommended connector type: CviLux-CF38392D1R0-NH
- 4."( )"marks the reference dimensions



### Ordering Information

Part Number	Description
ULF0705-TNN-A01	7",1000nits,1280x800,T2070,LID7C,10in1,V1
ULH0705-TNN-Q01	7",1000nits,1280x800,T2070,LID7C,AD8891GDH,DC12V,10in1,V1

### Optional Accessories

Part Number	Description
840612051212	ADAPTER,AC/DC,12V/5 A,60W,Power-Din-4P,CWT,G99-ABF060F-N022,Efficiency-level-6,R
810618301010	CABLE,POWER,AC,1830mm USA type
810618301090	CABLE,POWER,AC,1830mm Europe type
810618301050	CABLE,POWER,AC,1830mm UK type
810618301170	CABLE,POWER,AC,1830mm Australia type
810618301031	CABLE,POWER,AC,1830mm Japan type

### Customer request

Touch	SCT (Single-Touch), PCT (Multi-Touch)
Glass	Tempered glass, AR coating.....