TFT LCD MODULE

49" FHD High-Brightness IPS TFT LCD

4500 nit 1920 × 1080 display with LVDS interface — sunlight-readable, Hi-Tni design.

DCL P/N **100989-01** TAA COMPLIANT

49"	4500	1920×1080	-10~50°C
DIAGONAL	NITS	FHD	OPERATING

KEY FEATURES

- IPS technology — 178° / 178° viewing, consistent color off-axis
- 4500 nit LED backlight — sunlight-readable
- 1200:1 contrast ratio
- -10 °C to +50 °C operating range with Hi-Tni liquid crystal
- LVDS interface
- Touch panel, cover glass and optical bonding available
- Custom FPC, cable assembly and driver-board options

SPECIFICATIONS

Size	**49" (FHD)**
Resolution	**1920 × 1080**
Display Technology	**TFT LCD, IPS, Hi-Tni LC**
Brightness	**4500 cd/m²**
Contrast Ratio	**1200:1**
Viewing Angle (H/V)	**178° / 178°**
Interface	**LVDS**
Operating Temp.	**-10 ~ +50 °C**
DCL Part Number	**100989-01**

APPLICATIONS Digital signage · Kiosks · Control rooms · Outdoor equipment · Marine

Design it in with DCL.

Samples, custom brightness, cover glass, touch tuning and cable assemblies — backed by US-based engineering and in-country factory oversight. **Manufactured in a TAA-compliant geography.**

Request a quote or samples

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Specifications subject to change without notice. Image is representative of the product family.