Landmark Technology

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Designing and Manufacturing
Sunlight Readable LCD Modules Since 1995

Introducing LMG258-190ETN01
A 1,500 nits 19" Sunlight Readable LCD

General Features

- *Wide Operating Temperature: -30 ºC to 85 ºC
- *1,500 nits Very High Brightness LCD Module
- *Wide Viewing Angles: 85º/85º/80º/80º (L/R/U/D)
- *Display Resolution: 1,280 x 1,024 (SXGA)
- *LED Backlight Power: 17 Watts

Introduction

LMG258-190ETN01 is the first 19" sunlight readable LCD module with wide operating temperature range from -30 ºC to 85 ºC. The module consists of an AUO G190ETN01.2 TFT-LCD panel and a VHB (very high brightness) LED backlight to achieve an maximum screen brightness of 1,500 Cd/m². At this brightness, the power consumption of the LED backlight is about 17 Watts.

The LMG258-190ETN01 LCD has 1,280 x 1,024 resolution with a wide viewing angel 85º/85º in horizontal and 80º/80º in vertical directions.

Characteristics

Parameters	Typical Value	Conditions
LCD Screen Luminance	1,500 Cd/m²	
Typical LCD Contrast Ratio	1000:1	White vs. Black in a dark room
Display Mode	TN, Transmissive	Normally White
Typical Viewing Angles	85º/85º/80º/80º	
Operating Temperature Range	-30 ºC to 85 ºC	
LED Backlight Power Consumption	17 Watts	At 1,500 nits
LCD Module Weight	1905 Grams	

LED Backlight Driver and LCD Controller

1. LD320-190 LED backlight driver for general purpose applications
2. If you need wide range dimming ratio, please contact us at info@landmarktek.com
3. Recommend Landmark MG36 LCD controller kit to provide an easy solution for operating the LMG258-190ETN01

Interested parties may contact us at info@landmarktek.com or call our Sales Team at following:

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