

Introducing LMG256-170EG01B

A 1,550 nits 17" Sunlight Readable LCD Module



Introduction

LMG256-170EG01B is the first 17" sunlight readable LCD module with wide operating temperature range from -30°C to 85°C. The module consists an AUO G170EG01 V1 TFT color LCD panel and a VHB (very high brightness) LED backlight to achieve a maximum screen brightness of 1,550 Cd/m² (nits). At this brightness, the power consumption of the LED backlight is about 25Watts.

The LMG256-170EG01B LCD has 1,280x1,024 resolution with a wide viewing angle 80° / 80° in horizontal and 60° / 80° in vertical directions.

Characteristics

Parameters	Typical Value	Conditions
LCD Screen Luminance	1,550 Cd/m ²	
Backlight Power Consumption	25 Watts	At 1,550 nits
Typical LCD Contrast Ratio	800:1	White vs. Black in the dark room
Operating Temperature Range	-30°C to 85°C	
LCD Module Weight	1,300 Grams	
Typical Viewing Angles		
Horizontal	80° / 80° (Right / Left)	
Vertical	60° / 80° (Upper / Lower)	

LED Backlight Driving Board

1. LD320 for general purpose applications
2. If you need wide range dimming ratio, please contact us at info@landmarktek.com

For pricing and availability, please contact our sales team.

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