

S5000 Line Matrix / 7X15-12

1 Line by 15 Pixel 12" Line Matrix Front Access

General

- Line Matrix DMS-Amber (Yellow)
- Pixel Matrix: 7 rows x 15 columns
- Access Type: Front

Construction

- 5052 aluminum alloy
- NEMA 3R
- Structural: AASHTO D1.2-120 mph

Dimensions

- Height: 1'11" (584 mm)
- Length: 3'4" (1016 mm)
- Depth: 4" (102 mm)
- Weight: 28 Lbs (13 Kg)

Electrical Requirements

- 24 VDC

Complete System:

- Typical Power (Watt) 14
- Max Power (Watt) 25

Environmental

- Operating Temperature: -30°F to +165°F (-34°C to +74°C)
- Storage Temperature: -40°F to +185°F (-40°C to +85°C)
- Humidity: 0% to 99% non-condensing

Standards

NEMA: All TS4 requirements met or exceeded including:

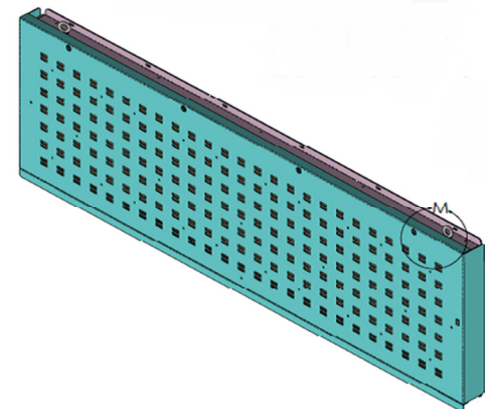
- Section 2 Environmental Requirements
- Mechanical construction
- Controller to sign interface
- Display properties
- DMS controller cabinet
- Electronics and electrical
- Performance monitoring
- Power requirements

Optical Performance

- Color: Amber (590 nm ±5nm)
- Viewing Angle: 15°
- Luminance: 7440 cd/m²
- Contrast Ratio: 15:1
- Viewing distance :750 feet

Example Character Capacity / Power Consumption

Character Height	Display Boards	Font size	Characters	# of M5000	Typical Power Consumption
12"	3	5x7	2	1	14 Watt
12"	3	5x7	2	2	16 Watt
12"	3	5x7	2	3	18 Watt
12"	3	5x7	2	4	20 Watt



Notes

1. Typical power determined with 30% pixels on at 60% brightness
2. Max power determined with all pixels on at 100% brightness, heaters ON
3. Additional fonts available

Related products:

Multi-DMS controller SCU6/SCU3 – Control software: Messenger

Note: SESA policy is to constantly improve its product, all product descriptions are subject to change



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