

M6000 Full Matrix / Front Access 28X90-12"-Amber

General

Full Matrix DMS-Amber (Yellow)
Pixel Matrix: 28 rows x 90 columns
Access Type: Front Access

Construction

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

Dimensions

Height: 5'5" (1656 mm)
Length: 14'9" (4508 mm)
Depth: 9" (230 mm)
Weight: 741# (336 Kg)

Electrical Requirements

120/240 VAC single phase
Typical Power (VA)¹: 450
Max Power (VA)²: 1807

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

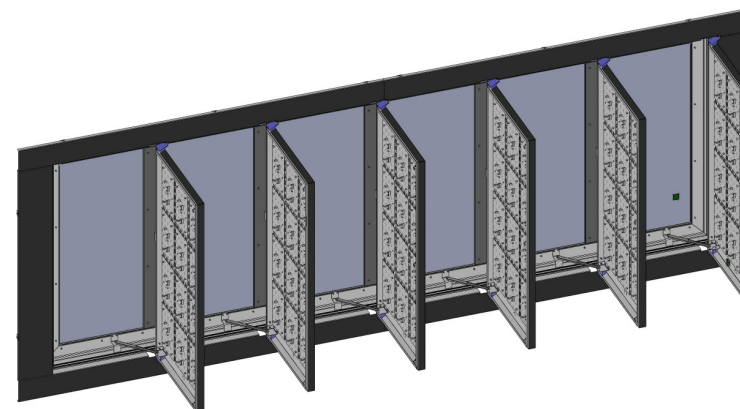
Power requirements

Optical Performance

Color: Amber (590 nm ±5nm)
Viewing Angle: 30°
Luminance: 14,000 cd/m²
Contrast Ratio: 14:1

Example Character Capacity³

Character Height	Lines/ Characters	Font size	Interline Spacing	Character Spacing
12"	3/18	4x7	1/2	1
12"	3/15	5x7	1/2	1
12"	3/12	6x7	1/2	1
12"	3/11	7x7	1/2	1



Notes

1. Typical power determined with 30% pixels on at 60% brightness, heaters OFF
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 without notice.



SES America, Inc
410 Harris Road, Smithfield RI02917
401.232.3370 www.sesamerica.com