Omnify

Matrix™ Wet-Rated

5 YEAR WARRANTY · **RoHS** · CE · c(UL)us LISTED · 🛡

420 diode LED light sheet (single cuttable)

OVERVIEW

FRONT VIEW

19.68"(500mm)

9.8"(250mm)

420 diodes   12 connector points
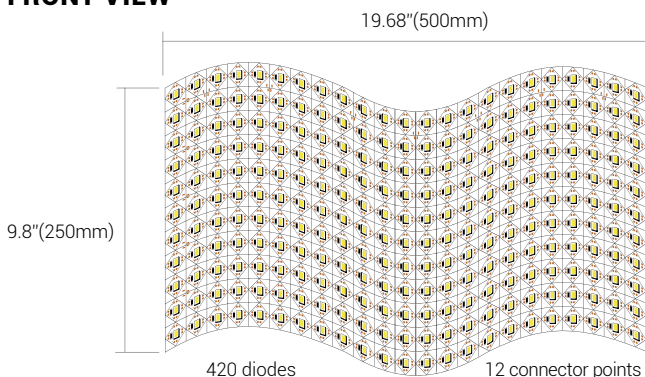
ACCESSORIES
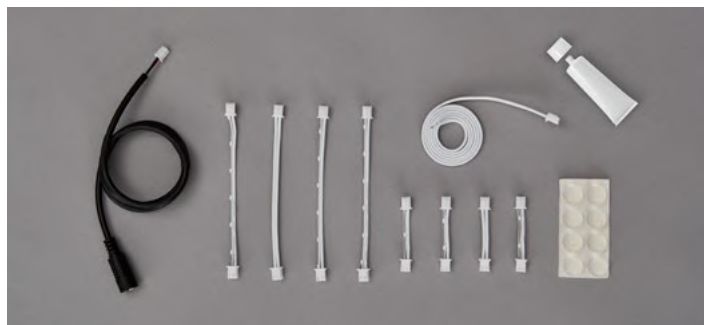
SPECIFICATIONS

PHYSICAL SPECIFICATIONS

Part Number	431100
Model #	LSM24-A
Chip	Legacy
CRI	85+
LED / Sheet	420 pieces
Color Temperature	4100 K • 5300 K • 6500 K
Lumens	1600 lm/sheet
Operating Temperature	-30 °C (-22 °F) ~ +50 °C (+122 °F)
Environment	Wet-rated - conforms to IP65 standard for the sheet. (To maintain wet rating, the provided silicone must be placed over all connection points, and also over any area that has been cut)
Mounting	3M adhesive backing
Size of sheet	500 mm x 250 mm
Minimum Size	Minimum cuttable size of 0.47" x 0.47"
Maximum Size	Class 2: Maximum tiling max 7 sheets based on 96W driver,
Depth	Bumper height - 8mm • Overall depth of the system (including bumper) - 8.75mm
Weight	0.3 lb/sheet
Accessories	Includes connection wires and hardwire cables with 2-pin connector male plug and a plug-in adapter cable with 2.1mm/5.5mm female barrel connector and silicone

ELECTRICAL SPECIFICATIONS

Input Voltage	24V DC
Power Consumption	12 W/Sheet
LED Forwarding Voltage	18V DC
LED Forwarding Current	1.2 mA
Wire Size	20 AWG cable with 2 pin connectors and 2.1/5.5 mm DC barrel connector
Wiring	20 AWG cable with 2 pin connectors and 2.1/5.5 mm DC barrel connector
Connector	12 integrated 2-pin connector blocks
Certification	UL listed (E346146), CE, RoHS