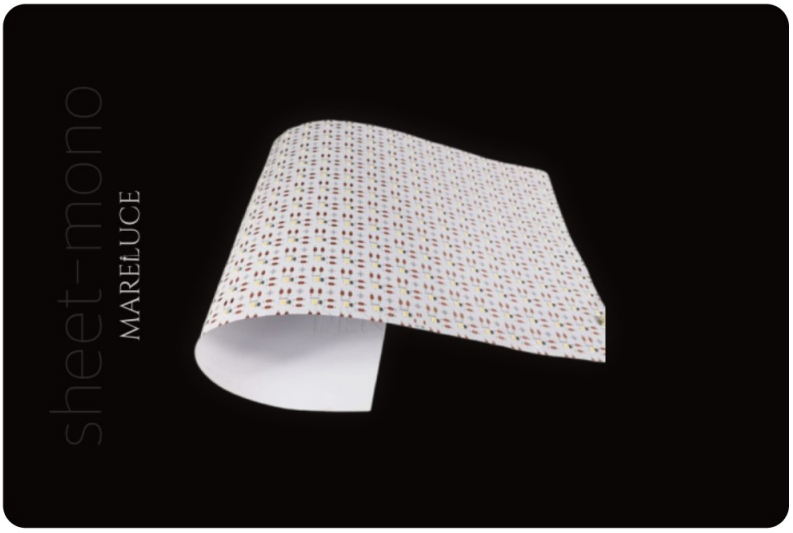
FLEXIBLE LED SHEET · SINGLE COLOUR · SMD2835

SHEET-MONO

503.5 × 235 mm flexible, cuttable LED sheet, 420 LEDs · 11 / 22 / 33 W · 24 V DC



SIZE 503.5 × 235 mm	POWER 11–33 W
VOLTAGE 24 V DC	LEDS 420 × SMD2835
CUT UNIT 1 LED	THICKNESS 1.3 mm

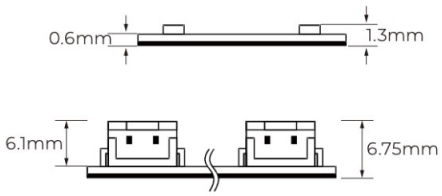
Overview

SHEET-MONO is a thin, flexible LED sheet with 420 SMD2835 LEDs on a 503.5 × 235 mm board. It gives an even, wide-area light for backlit panels, onyx and stone, light boxes, ceilings and display niches on board. The sheet bends to curved and sloped surfaces and can be cut to almost any shape at single-LED segments; plug-and-play connectors speed up installation. Three power levels, four colour temperatures, CRI 90, PWM dimmable.

Specifications

Size	**503.5 × 235 mm**
Thickness	**0.6 mm PCB, 1.3 mm with LEDs**
Connector height	**6.1 mm (6.75 mm with plug)**
LED	**420 × SMD2835**
Cut unit	**1 LED**
Power	**11, 22 or 33 W per sheet**
Voltage	**24 V DC, constant voltage**
Colour	**2700K, 3000K, 4000K, 6500K**
Colour rendering	**CRI 90**
Beam angle	**120°**
Control	**PWM**
Mounting	**Ø3 mm mounting holes (Ø7 mm pad)**
Ambient temperature	**–25 °C to +45 °C**
Storage temperature	**–25 °C to +60 °C**

Profile & Connector



ORDERING INFORMATION

Product Code

SHEET-MONO	3000K	22 W	24 V
MODEL	COLOUR TEMPERATURE	POWER	VOLTAGE
	2700K · 3000K · 4000K · 6500K	11 · 22 · 33 W	24 V DC

Specify colour temperature and power when ordering. Example: **SHEET-MONO**, 3000K, 22 W, 24 V DC.

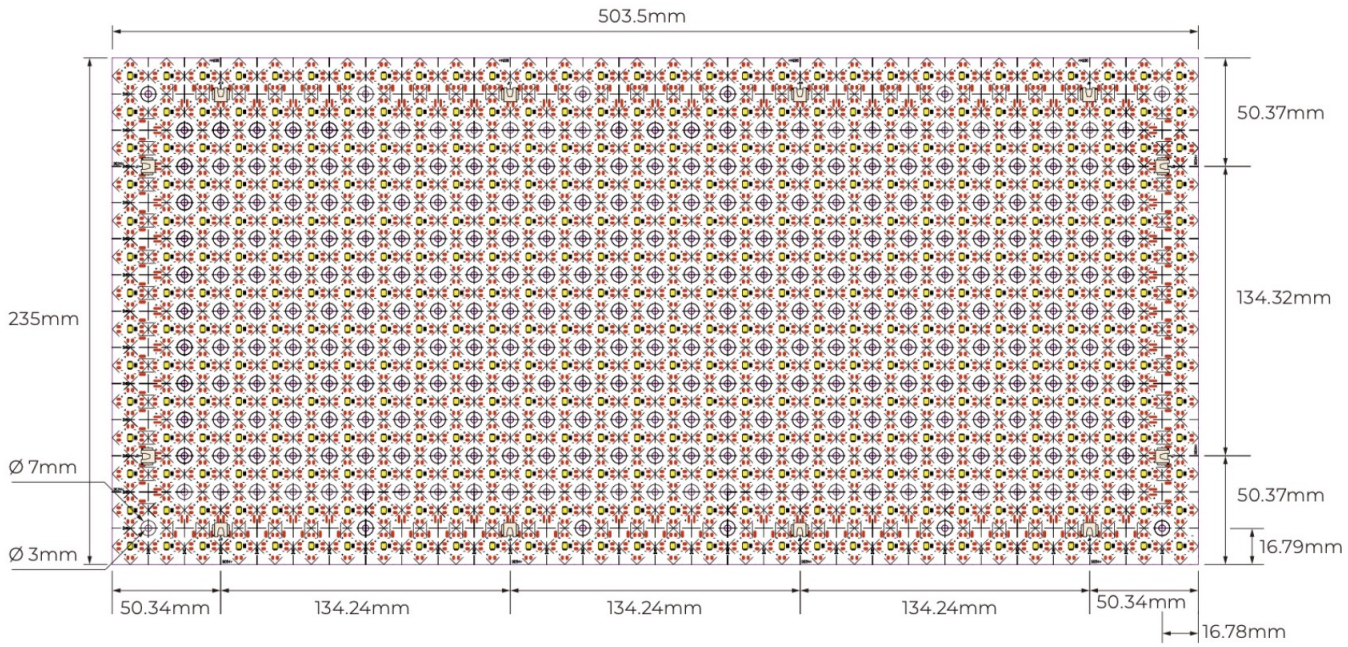
Photometric Data

POWER	CCT	LM / SHEET	LM/W
11 W	2700K	1012	92
	3000K	1012	92
	4000K	1144	104
	6500K	1078	98
22 W	2700K	2024	92
	3000K	2024	92
	4000K	2288	104
	6500K	2156	98
33 W	2700K	3036	92
	3000K	3036	92
	4000K	3432	104
	6500K	3234	98

Measured at 24 V DC, CRI 90. Typical values, tolerance ±10%.

DIMENSIONS & INSTALLATION

Dimensions (unit: mm)



All dimensions in mm. Mounting holes Ø3 mm in Ø7 mm pads; connector positions as shown.

Control

VERSION	CONTROLLER
Single colour	1-channel PWM dimmer, 24 V DC

Use a constant-voltage 24 V DC power supply sized for the total load; feed larger installations from several points.

Installation

Mounting	Screws through the Ø3 mm holes or on a flat, clean backing
Bending	Flexible to curved and sloped surfaces; do not crease
Cutting	Only along the segment lines; never through LEDs or ICs

For even backlighting keep enough distance between the sheet and the diffuser; keep connections dry.

Cutting & Connection

VERSION	CUT UNIT	CONNECTION
Single colour	1 LED	Plug-and-play connector

Light output and power may vary by up to ±10% due to production and component tolerances.