

## Flexible LED Sheet Panel Light, RGB SMD5050, 45W, 490x245mm, DC 24V

### OVERVIEW

The 7-FS9.5x19-RGB-24V-UL is a flexible LED sheet panel light designed for commercial and architectural applications including letter signage backlighting, light box illumination, advertising displays, and building decoration. The panel delivers soft, dot-free RGB output and can be bent freely to conform to curved surfaces, with a minimum bending diameter of 60mm.

The sheet measures 490x245mm and draws 45W at DC 24V, utilizing 128 SMD5050 LEDs with a CRI of 80 and a 180° beam angle. Minimum cut interval is 30.6mm. Rated operating temperature ranges from -40°C to +60°C. The unit carries an IP20 rating, making it suitable for dry indoor environments. Rated lamp life is 50,000 hours.

This product is UL Listed and RoHS compliant. A 2-year warranty is included. Installation must be performed by qualified personnel in accordance with applicable electrical safety standards. A properly rated DC 24V power supply with overcurrent, overvoltage, and short-circuit protection is required and not included.

### SPECIFICATIONS

<b>Power</b>	45 W	<b>Operating temp</b>	-40 to +60 °C
<b>IP rating</b>	IP20	<b>Weight</b>	0.18 kg
<b>Input voltage</b>	24 V	<b>Rated life</b>	50000 hours
<b>Beam angle</b>	180 °	<b>Dimensions</b>	490 x 245 mm
<b>Warranty</b>	2 years	<b>CRI</b>	--

### DIMENSIONS

Model No.	7-FS9.5x19-RGB-24V-UL
Part No.	7-FS9.5x19-RGB-24V-UL
Dimensions	490 x 245 mm
<b>Electrical Characteristics</b>	
Power	45 W
Input Voltage	24 V
Beam Angle	180 °
Rated Life	50,000 hours
Operating Temperature	-40 to +60 °C
<b>Light Technical Data</b>	
LEDs	128
Beam Angle	180 °
Beam Diameter	490 mm
Beam Length	245 mm
Beam Area	120,025 mm <sup>2</sup>
Beam Volume	29,706,125 mm <sup>3</sup>
<b>General Information</b>	
Material	Aluminum
Color	Black
Finish	Matte
Weight	0.18 kg
Dimensions	490 x 245 mm
<b>General product data</b>	
RoHS Compliant	Yes
UL Listed	Yes