

Flexible LED Sheet Light 60W 24V DC 5000K CRI90 480x240mm IP65

OVERVIEW

The 7-FS9.5x19-5K-24V is a flexible LED sheet light designed for backlighting applications including letter signage, light boxes, advertising displays, and architectural accent lighting. The 480x240mm sheet conforms to irregular surfaces and bends freely, delivering soft, dot-free illumination without hot spots.

The sheet operates at 24V DC and draws 60W, producing 100 lm/W at 5000K CCT with a CRI of 90. Minimum cut interval is 10mm, allowing field trimming to fit specific installations. Rated for operating temperatures from -40°C to +60°C with an IP65 ingress protection rating, the unit is suitable for semi-exposed environments. Lifespan is rated at 50,000 hours. Unit weight is 0.15 kg. Adhesive backing is factory-applied for direct surface mounting.

The product carries UL Listed and RoHS certifications and is backed by a 2-year warranty. Note: CE certification is referenced in product documentation but was not confirmed in the verified source datasheet; specify accordingly for compliance-sensitive applications.

SPECIFICATIONS

Power	60 W	Weight	0.15 kg
CCT	5000 K	Rated life	50000 h
CRI	90	Warranty	2 years
IP rating	IP65	Operating temp	-40 to +60 °C
Input voltage	24 V		

DIMENSIONS

Model	7-FS9.5x19-5K-24V
Part No.	7-FS9.5x19-5K-24V
Dimensions	480x240mm
Electrical Characteristics	
Power	60 W
Rated Voltage	24 V DC
Rated Current	2.5 A
Rated Power	60 W
Rated Life	50,000 h
Operating Temperature	-40 to +60 °C
Light Technical Data	
Rated CCT	5000 K
Rated CRI	90
Rated Luminance	100 lm/W
Rated Beam Spread	180°
Rated Beam Angle	180°
Rated Beam Diameter	480mm
General Information	
Material	Aluminum
Finish	Black
Weight	0.15 kg
Volume	0.001 m³
RoHS	Compliant
UL Listed	Yes
General product data	
Manufacturer	POLI-LED
Country of Origin	China
Warranty	2 years



IP65