

LED Flexible Sheet for Backlit Stone, RGBIC, 24V, 60W, IP20, 480x240mm

- 288 SMD LEDs per sheet with RGBIC color control
- 60W power draw at 24VDC operating voltage
- 180° beam angle for even light diffusion behind stone panels
- Cuttable every 60mm along marked lines for custom sizing
- IP20 rated for non-waterproof indoor installations
- ETL and UL listed, UL file number E466396

OVERVIEW

LED flexible sheet designed for backlit stone and architectural panel applications, mounted to walls or poles in commercial indoor settings. The sheet measures 480×240mm and draws 60W at 24VDC, with 288 SMD LEDs per sheet delivering RGBIC color control and a 180° beam angle for even diffusion behind translucent stone or panel materials. Rated IP20 for non-waterproof indoor use, with an ambient operating temperature down to -40°C and an LED lifetime of 50,000 hours. The sheet can be cut every 60mm along marked lines for custom sizing and includes 3M tape backing for mounting. ETL and UL listed (UL file E466396), backed by a 2-year warranty.

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SPECIFICATIONS

OPTICAL

Efficacy	115 lm/W
Beam Angle	180°
LED Density	288 LEDs/m
LED Lifetime	50,000 h
Light Color	RGB

ELECTRICAL

Operating Voltage	24 V
Wattage	60 W

MECHANICAL

Product Dimensions	480×240mm
Minimum Cut Length	60 mm 2.36 in
Mounting	Wall/Pole Mount

ENVIRONMENTAL

IP Rating	IP20
Environmental Rating	Non-Waterproof
Ambient Operating Temperature	-40 °C -40 °F

COMPLIANCE

UL File Number	E466396

ORDERING

Warranty	2 y

CERTIFICATIONS & COMPLIANCE

ETL
ETL Listed

UL
UL Listed
E466396

APPLICATIONS

- Backlit stone and onyx panels
- Illuminated reception desks and countertops
- Architectural feature walls
- Indoor signage backlighting
- Translucent panel installations

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
efficacy_lm_per_w	115 lm/W	db	high
beam_angle_deg	180°	db	high
led_density	288 LEDs/m	db	high
led_lifetime_h	50,000 h	db	high
color	RGB	db	high
operating_voltage	24 V	db	high
wattage	60 W	db	high
product_dimensions	480×240mm	db	high
min_cut_length	60 mm	db	high
mount_type	Wall/Pole Mount	db	high
ip_rating	IP20	db	high
environmental_rating	Non-Waterproof	db	high
ambient_temp_c	-40 °C	db	high
ul_file_number	E466396	db	high
warranty_years	2 y	db	high

Specifications subject to change without notice.

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