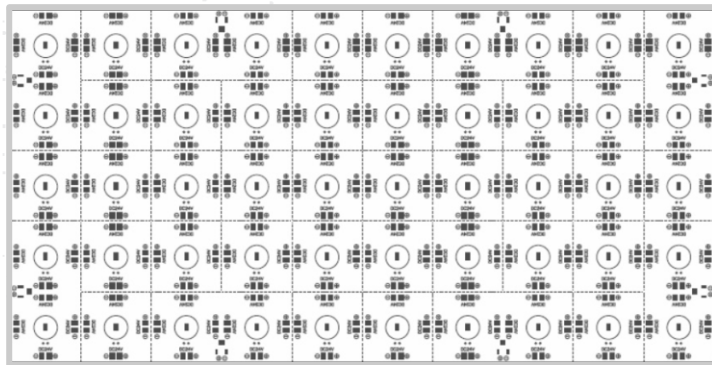


# DIFFUSED LightPaper

- Thin, lightweight, flexible, cuttable light sheets
- 160° lensed LEDs suited for shallow setback starting at 1/4"
- For walls, ceilings, curved structures and custom shapes
- 2700K, 3000K, 3500K, 4000K or 6000K dedicated white
- Multiple Lumen Packages and Wattages
- 90+ CRI



The versatility of DIFFUSED eos LightPaper allows use in a large number of applications:



HOSPITALITY



RESIDENTIAL



COMMERCIAL INTERIOR



CUSTOM FIXTURES



MILLWORK



TASK LIGHTING

eos

LOGOS AND SIGNAGE



COVE LIGHTING



RETAIL



BRANDING



ACCENT LIGHTING



HEALTHCARE

# General Specifications

## FLEXIBLE TECHNOLOGY :

LightPaper is versatile, flexible and thin LED technology that can wrap around curved surfaces or be cut into custom shapes

## PAPER SIZE :

Each sheet is 19" x 9.5" and seamlessly expandable via Molex® connectors up to 80W per driver. Can be cut at the factory or in the field into 1.88" x 1.88" segments.

## SETBACK :

Diffused LightPaper is suited for shallow setback starting at 1/4", depending on the transparency of the illuminated material; most can be evenly illuminated w/ 1 - 2" setback. We fully recommend creating a mock up prior to specifying the job. Contact your EOS agent for assistance.

## LONG LIFE :

Over 50,000 hours = Nearly 12 years based on 12 hours a day. Once installed, LightPaper is virtually maintenance free.

## CRI :

90+ CRI

## POWER OPTIONS:

24VDC Adapter

## DRIVER INPUT VOLTAGE :

24VDC/120V-277V Universal AC Input

## LUMENS & WATTAGE (See page 3) :

Wattage options from 2 - 12 Watts, with Lumen Packages from 150-1000+ Lumens

## DIMMABLE :

LightPaper is dimmable when matched with Dimmable Power Supplies. (0-10V, TRIAC)

## LEDs :

ANSI Binned LEDs from Tier 1 Suppliers  
LED CRI > 90+  
LED CRT - 2700K, 3000K, 3500K, 4000K, 6000K

## WIRE GAUGE:

20 AWG Wire

## DAMP LOCATION :

LightPaper is Damp Location Rated when driven with a Class 2 Power Supply

## HOSPITAL AND MRI SAFE :

The system contains non-ferrous materials, making LightPaper safe for MRI suites. The LightPaper Power supply must be installed remotely, up to 30 feet from the application.

## SERVICE AND INSTALLATION :

LightPaper is field serviceable, and can be precut by our production team to customer specifications.

## LIMITED WARRANTY :

3 Years - See Website for full details.



Up to 12W, >1000 Lumens per sq ft for signage & architecturally decorative objects



Dimmable, energy-efficient and cool-running



Lightweight, Easy-Install



Quick, easy installation in indoor applications



## APPROVALS AND CERTIFICATIONS:

The LightPaper System is UL listed for Architectural applications and UL recognized for signage. All power supplies are UL / ETL listed.



DIMMABLE



DAMP LOCATION



DOWNLOAD INSTALLATION INSTRUCTIONS VIA YOUR SMARTPHONE'S CAMERA

*Molex is a registered trademark of Molex, LLC.*





# Product Specification Ordering Form

NAME:

PROJECT NAME:

ADDRESS:

PHONE:

PROJECT LOCATION:

CITY:

EMAIL:

ANTICIPATED DELIVERY DATE:

ZIP CODE:

COMPANY NAME:

PROJECT SPECIFIER:

RUSH PROJECT: ☐ Yes ☐ No

A	B	C	D	E	F	G1	G2	H	I	J
↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
LIGHTPAPER	FLEXIBLE	LED CHIP TYPE	INDOOR + LED QTY	COLOR TEMP	VOLTAGE	ILLUMINATED AREA LENGTH X HEIGHT (IN INCHES)		LIGHTPAPER TYPE	5-DIGIT PROJECT #	REVISION # Z
PPR	S	2835	150	2700K	24	G1xG2		DIFF650	YYYYY	REVZ

## A MATERIAL

PPR - LightPaper

## B RIGIDITY

S - Flexible

## C LED CHIP TYPE

2835 - Chip Type

## D LED QTY

I - Damp Location/Indoor  
50 - LED Chips per Sheet

## E COLOR TEMP

2700K - CCT  
3000K - CCT  
3500K - CCT  
4000K - CCT  
6000K - CCT

## F VOLTAGE

24 - 24VDC (w/ UNV 120-277V Driver)

## G ILLUMINATED AREA

G1 - Length in inches  
G2 - Height in inches

## H LIGHTPAPER TYPE

DIFF - Diffused w/lumen  
package indicated

## I PROJECT #

YYYYY - 5-Digit Project #

## J REVISION #

REVZ - REVISION # Z

\*\*

\*\* 650 Lumens are the default, unless otherwise requested / specified.



PROJECT NAME:

PROJECT LOCATION:

# Please fill out the form

A	B	C	D	E	F	G1	G2	H	I	J
LIGHTPAPER	FLEXIBLE	LED CHIP TYPE	INDOOR + LED QTY	COLOR TEMP OPTIONS	VOLTAGE	ILLUMINATED AREA	LIGHTPAPER TYPE	5-DIGIT PROJECT #	REVISION #Z	
PPR	S	2835	I50	2700K	24	G1xG2	DIFF650	YYYYY	REVZ	

1. What is the Application the LightPaper will be used for?  
E.g.: Hospitality, Retail, Signage Etc.

2. What are the LightPaper backlighting?  
E.g.: Stone, Graphic, Glass, Acrylic Etc.

3. Are there any installation details to review?

4. Is there an existing Dimming or Lighting Control System?  
If so, please provide Representative with information of the Control system (specs, manufacturer, etc.)

Additional information: