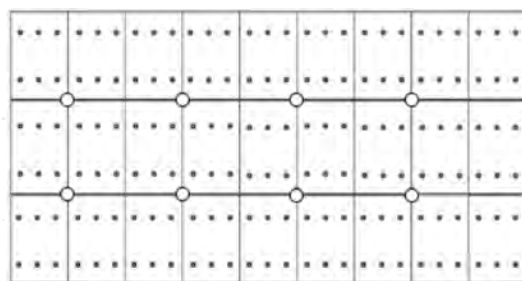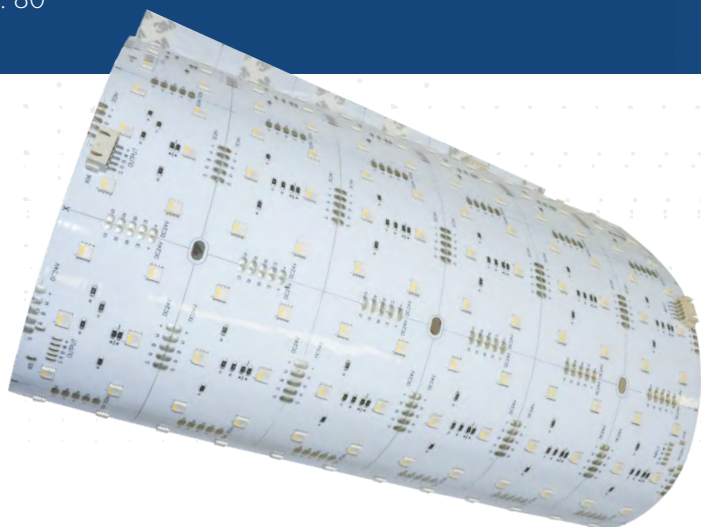# RGB OUTDOOR
LightPaper

· Thin, lightweight, flexible, cuttable light sheets
· Suited for shallow setback starting at 1/4"
· For walls, ceilings, curved structures and custom shapes
· RGB (Red Green Blue) for color shifting
· Multiple Lumen Packages and Wattages
· CRI: 80

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

HOSPITALITY   **RESIDENTIAL**   **COMMERCIAL INTERIOR**   **CUSTOM FIXTURES**   **MILLWORK**

TASK LIGHTING   **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. LightPaper can be cut at the factory or in the field. Cuttable in 3.25"x2.25" sections.

SETBACK :
RGB Outdoor 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:
80 CRI

POWER OPTIONS:
24VDC Adapter

DRIVER INPUT VOLTAGE :
24VDC/120V-277V Universal AC Input

LUMENS & WATTAGE (See page 3):
Wattage options **14W and 30W**, with Lumen Packages **of 300 and 700**

DIMMABLE :
LightPaper is dimmable when matched with Dimmable Power Supplies. (TRIAC, DMX/DALI)

LEDs :
ANSI Binned LEDs from Tier 1 Suppliers **LED CRT - RGB**

WIRE GAUGE:
18 AWG Wire

WET LOCATION :
LightPaper is Wet 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.

Up to **30W**, >**700** Lumens per sq ft for Outdoor 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

WET LOCATION

c UL us
LISTED
LOW VOLTAGE LUMINAIRE
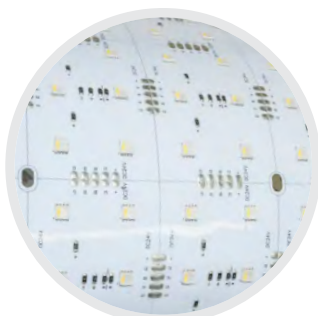E480527

c UL us
E467626

CE

RoHS

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
MATERIAL	OUTDOOR	VOLTAGE	RIGIDITY	LED CHIP TYPE	LIGHTPAPER TYPE	ILLUMINATED AREA LENGTH X HEIGHT (MILLIMETERS)		COLOR TEMP	5-DIGIT PROJECT #	REVISION # Z
PPR	O	24V	S	4040	O162-RGB700	G1xG2		RGB	YYYYY	REVZ

A MATERIAL

PPR– LightPaper

B OUTDOOR

O – Outdoor

C VOLTAGE

24V– 24VDC (w/ UNV 120-277V Driver)

D RIGIDITY

S– Flexible

E LED CHIP TYPE

4040 – Chip Type

F LIGHTPAPER TYPE

O162-RGB700 – 700 Lumens
O162-RGB300 – 300 Lumens

G ILLUMINATED AREA

G1 – Length in millimeters
G2 – Height in millimeters

H COLOR TEMP

RGB - RGB

I PROJECT #

YYYYY – 5-Digit Project #

J REVISION #

REVZ - REVISION # Z

Code for above Column F	Full LightPaper name and reference lumens	Precise Lumens Per Sq Ft	Wattage per Sq Ft
0162-RGB700	RGB Outdoor LightPaper700	700	30
0162-RGB300	RGB Outdoor LightPaper300	300	14

Please fill out the form

A	B	C	D	E	F	G1 G2	H	I	J
MATERIAL	OUTDOOR	VOLTAGE	RIGIDITY	LED CHIP TYPE	LIGHT PAPER TYPE	ILLUMINATED AREA	COLOR TEMP	5-DIGIT PROJECT #	REVISION #Z
PPR	O	24V	S	4040	O162-RGB700	G1xG2	RGB	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: