

LumaFilm Dynamic White

Do You Take your Lighting Warm or Cool

Dynamic White and the cycled core between 2200K and 5000K enhances the biophilic connection to natural lighting. The Dynamic White Cycled Core can foster circadian rhythm. Dynamic White allows more relaxed, stimulating, energetic and performance based scenes.

Dynamic White applications include: sports, club houses, retail education, medical, corporate interiors, hospitality, places of worship, and college learning centers.

Typical cycled cord for Dynamic White:

- Office Productivity: 3000K - 5000K
- Layered Lighting Levels: 2200K - 5000K
- Passing of time rhythm: 2700K - 5000K
- General Atmosphere Conditions: 1800K - 4300K.



Features and Benefits:

- Fully Customizable – Standard LumaFilm sheets can be cut in both directions and tiled together allowing for simple installations; custom LumaFilm sheets can be developed quickly to meet almost any requirement.
- Flexible – Allows LumaFilm to be applied to any flat or curved surface creating innovative designs and unique lighting solutions.
- Thin – Can be used in even the most constrained spaces allowing for illumination in places not previously possible.
- No Heat Sink Required – Unique circuit designs result in minimal heat generation allowing it to be mounted directly on almost any surface from dry wall to concrete.
- Minimal Depth without Pixilation – Many smaller LEDs allow LumaFilm to be mounted close to the diffuser without hot/dark spots.
- UL/cUL Listed and LM79 tested – LumaFilm is ready to be installed with your most demanding customer.
- Indoor and Outdoor – LumaFilm is rated for dry and damp locations both indoors and outdoors; IP65 rated.
- Power Source Options – LumaFilm can be powered by off-the-shelf dimming, non-dimming and programmable constant current drivers.
- Energy Efficient – High performance (typically 150 lm/W) saves energy and reduces carbon emissions resulting in a shorter payback period.
- Durable – Proven to withstand harsh installation and usage for long life and dependable service.

We've changed the shape of lighting...



SPECIFICATIONS

12" X 24" 144 - 144 Dynamic White Light Sheet
Product Code: 120240DW2750

INTERIOR or EXTERIOR



Rep:

Project:

Type:

Product Code:

ORDERING CODES

Product Code: 120240DW2750 - ---

Custom Flux per sq. ft.:
Range from 325 lm/sq. ft. to 2000 lm/sq. ft.

Example:
400 lm/sq. ft. = 0400
1300 lm/sq. ft. = 1300

EXAMPLE

12" x 24" Low Density Dynamic White @ 900 lm/sq. ft.
Product Code = 120240LDW-0900

GENERAL

ENVIRONMENT	UL Damp & Dry; -40°C to 70°C
LED DRIVER & CONTROL	Class 2 Constant Current Driver DMX Controllable
LUMEN MAINTENANCE	TM-21-11: L70 > 100,000 hrs. @ 55°C
PHOTOMETRY	Viewing angle at 50% Iv: 116°
IES FILES	* TBD
SUBSTRATE	PET Flexible Diffuse reflective surface Flamibility rated UL 94 VTM-0

RECOMMENDED STANDARD OPERATING OUTPUT

	lm/sq. ft.	W/sq. ft.
2700K	415	2.4
5000K	440	2.3
Total	855	4.7

PHOTOMETRICS

Maximum:

2000

12.3

Lumens
per square
foot

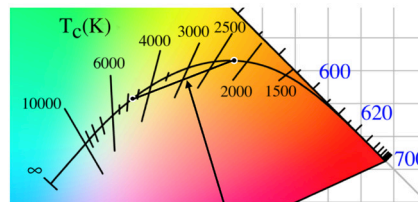
Watts
per square
foot

Minimum:

325

2.0

* Output at Luminaire Level



LumaFilm Dynamic White
Clean White Light Mixing

COLOR RENDERING:
82 CRI Typical

STANDARD CCT
2700k to 5000k

CUSTOM CCT:
2200k to 5700k

REGULATORY

