LumosCielo™ (CCT)

Square, rectangular and bespoke luminous ceiling panels offer a modern and adaptable solution for enhancing indoor lighting. These geometric luminous panels provide uniform illumination, making them ideal for various settings.











bridgelux

CRI>90

RoHS

24V

IP 60

160°

Lighting Solutions

Correlated Color Temperature (**CCT**) is a metric used to describe the color characteristics of a light source, measured in **Kelvins** (K). It indicates whether a light source appears more "**warm**" or "**cool**." Lower CCT values, such as 2200K, emit a warm, yellowish light reminiscent of **candlelight** or traditional incandescent bulbs. Higher CCT values, like 5700K, produce a cool, bluish light similar to **daylight** at noon. Choosing the right CCT for your lighting can significantly impact the ambiance and functionality of a space.

By offering a **range** of CCT options, we ensure that our luminous ceiling panels can meet the diverse needs of different environments, **enhancing** both the aesthetic and functional aspects of your space.



Our **CCT Options**:
2700K: Provides a warm, inviting glow that enhances comfort and ambiance.



3000K: Providing a warm white light that is inviting yet bright enough for everyday tasks.



3500K: Produces a glow perfect for setting a welcoming ambiance. This light tone strikes a balance between warmth and brightness.



4000K: Offering a neutral white light that enhances focus and productivity.



5000K: Great for commercial settings, such as showrooms and hospitals, where a bright, cool white light is needed to ensure clarity and alertness.



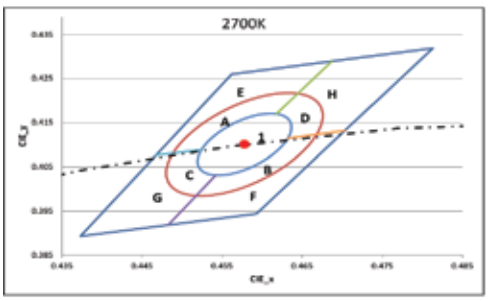
5700K: Best for industrial areas and laboratories. This daylight-like color temperature ensures maximum visibility and a crisp, vibrant appearance.

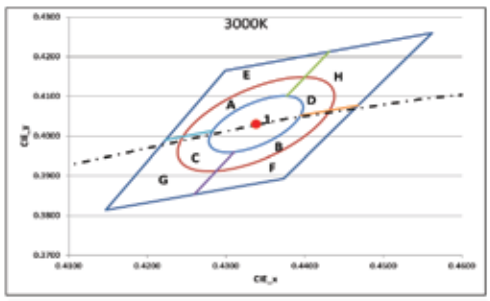
Specifications

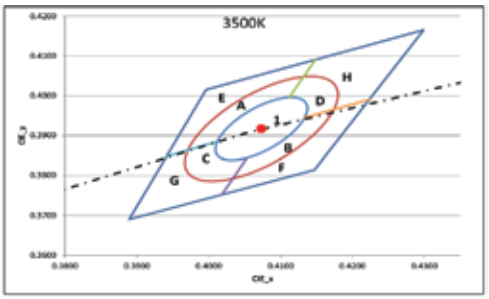
Pulsed Measurement Data at 50mA, per single LED chip

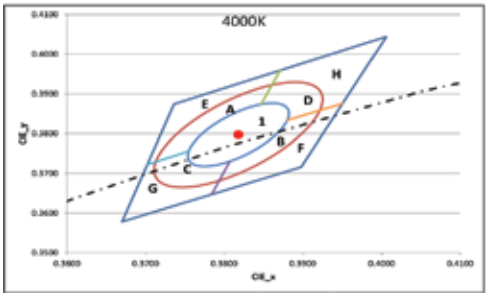
CCT	CRI	mA	Flux (lm)	Power (W)	Efficacy (lm/W)
2700K	90	50	110	0.9	122
3000K	90	50	113	0.9	125
3500K	90	50	115	0.9	127
4000K	90	50	120	0.9	133
5000K	90	50	120	0.9	133
5700K	90	50	120	0.9	133

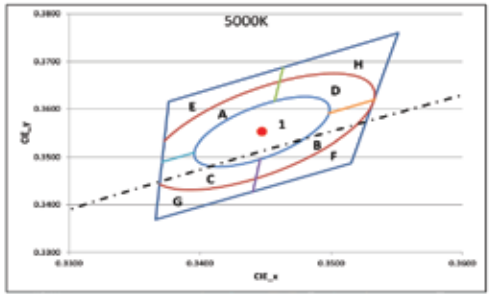
Chromaticity Diagram

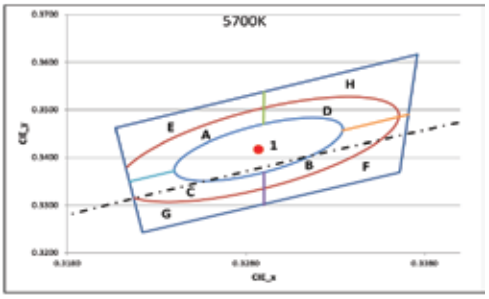








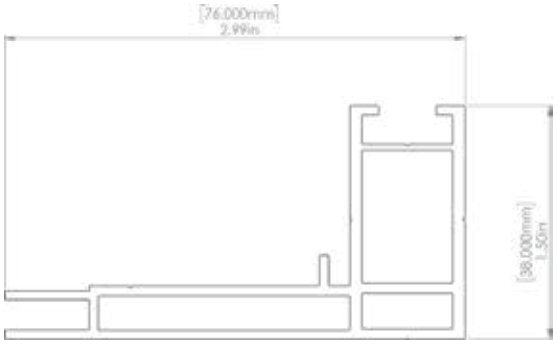




Profile Options

076

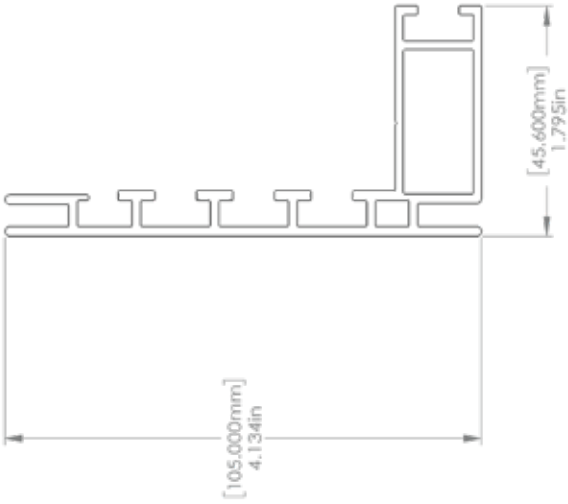
Dimensions
76.00mm x 38.00mm
Weight
1.15 Kg/m (0.77 lbs./lft)





105

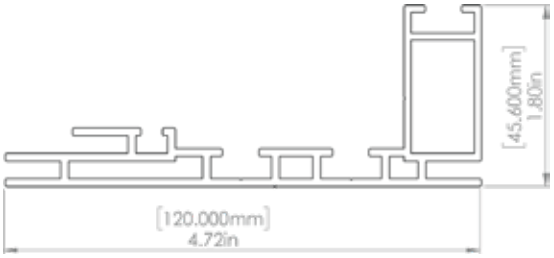
Dimensions
105.00mm x 45.60mm
Weight
1.51 Kg/m (1.01 lbs./lft)





120

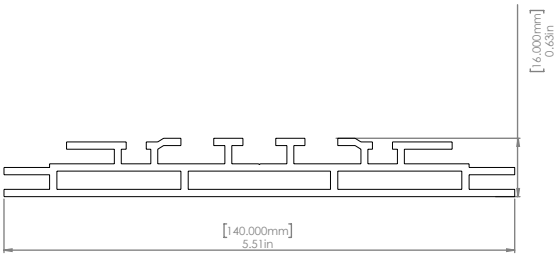
Dimensions
120.00mm x 45.60mm
Weight
1.99 Kg/m (1.34 lbs./lft)





140

Dimensions
140.00mm x 16mm
Weight
2.11 Kg/m (1.42 lbs./lft)





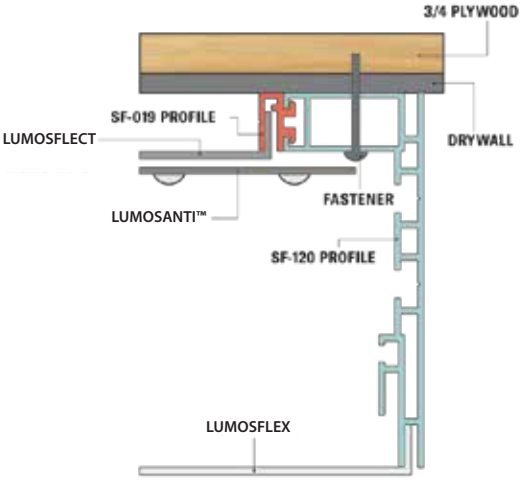
Profile Colors



Black White Clear RAL#

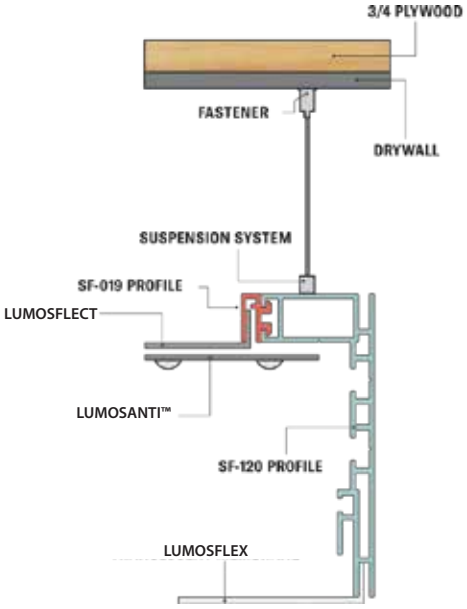
Mounting Options

Surface Mounted



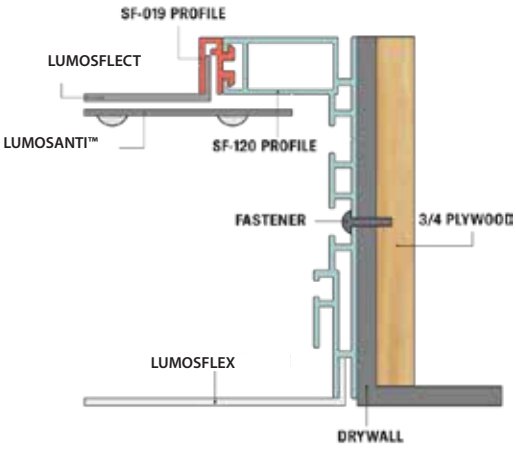


Suspended





Recessed





Membrane

LumosFlex

LumosFlex is a high-performance stretch ceiling membrane crafted for both printed and non-printed applications. Designed to pair seamlessly with our Lumosanti™ tension-free, non-backing lighting system, LumosFlex delivers a smooth, uniform light diffusion with unmatched visual consistency. This adaptable membrane conforms effortlessly to any form or architectural feature, enabling creative freedom in lighting design. Its robust yet lightweight construction ensures easy installation and maintenance, making it an optimal choice for both residential and commercial interiors. Elevate your spaces with the refined vaesthetics and dependable performance of LumosCielo's LumosFlex.

Specifications

Thickness	0.2 mm
Weight	200 gm/m^2
Fire retardant rating	UL 723 / NFPA 255 / ASTM E84
	Bs1 do / ASTM 963-11
Class	A
Recyclable	100%
Pre-consumer recycled product	40%

Specification Code Generator

LCLC	-		-		-		-		-		-		-	LU

Company
BA LumosCielo™

Product
LC LumosCielo™

Shape
SQ Square
RE Rectangle
TR Triangle
CU Custom

Dimension
WxL
WxL
L1xL2xL3
Custom

CCT
27 2700K
30 3000K
35 3500K
40 4000K
50 5000K
57 5700K

Control
NO No dimming
DM 0-10V w/RF remote

Profile
76 076
10 105
12 120
14 140

Profile Color
CL Clear
WH White
BL Black
RA #RAL

Mounting
SF Surface
SU Suspended
RS Recessed

System
LU Lumosanti

Example: LCLC-SQ-36”x36”-57-DM-12-CL-SF-LU

Our tool is designed for architects and lighting designers to simplify the process of incorporating our lighting products into their designs. This tool helps create a specification code tailored to meet project needs, ensuring that they are, in line with industry standards.

By entering details such as frame dimensions, color temperature, profile, profile color and mounting type, users can generate codes that reflect their design preferences.
This will reduce mistakes and facilitate smooth communication with us and contractors.



Applications







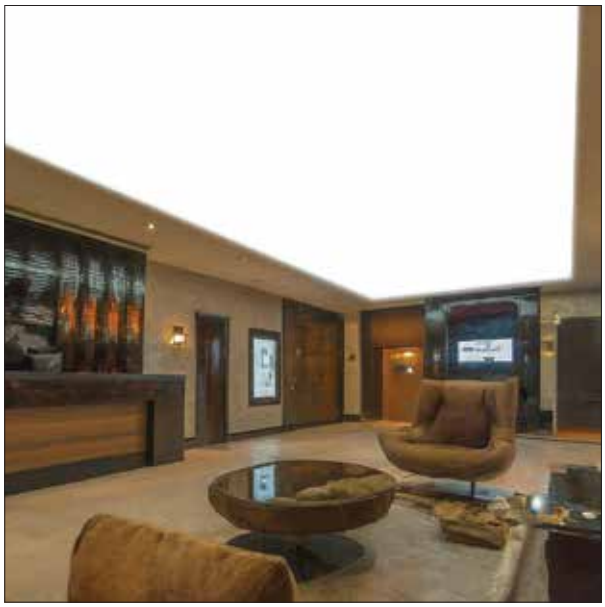


Applications









Applications





