# LumosCielo™ Perfo (CCT)

**Faux-perforated metal** luminous ceiling panels merge aesthetic appeal with practical **lighting solutions**. **Printed to mimic** the look of perforated metal, these panels offer a modern, industrial vibe while providing soft, diffused light through their patterned surfaces. Ideal for commercial spaces, hospitality, and contemporary homes, they add **visual interest** and texture to ceilings without the weight or maintenance of real metal. These luminous panels are highly **customizable** in pattern, color, and light intensity, enabling designers to achieve a **unique ambiance** that enhances style and functionality.













bridgelux

CRI>90

5 YEAR WARRANTY

24V

c UL us

IP 60

CE

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 2700K, 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**: This warm light evokes a sense of comfort and relaxation.



**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.

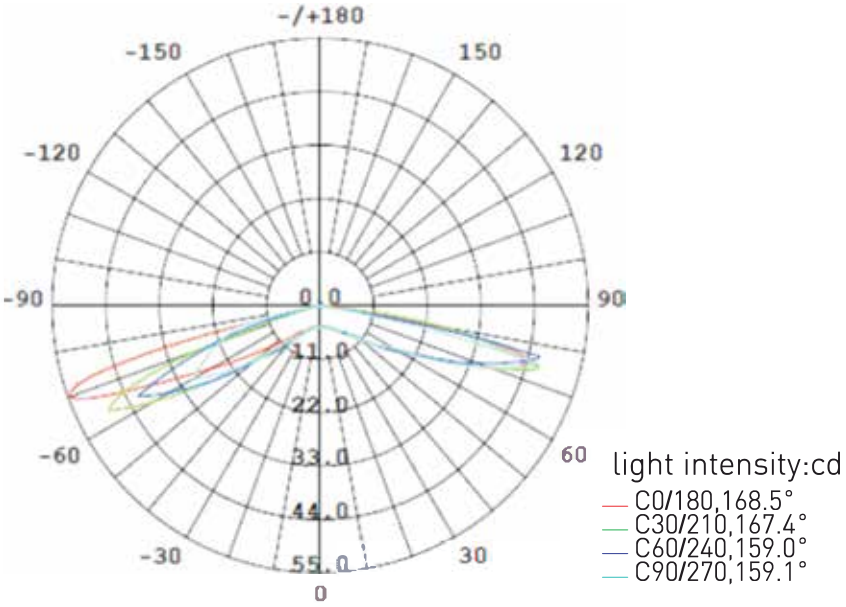


**5000K**: Great for commercial settings, such as showrooms and hospitals, where a bright, cool white light is needed to ensure clarity and alertness.



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

# Photometrics




THE AVERAGE BEAM ANGLE(50%):163.5 DEG

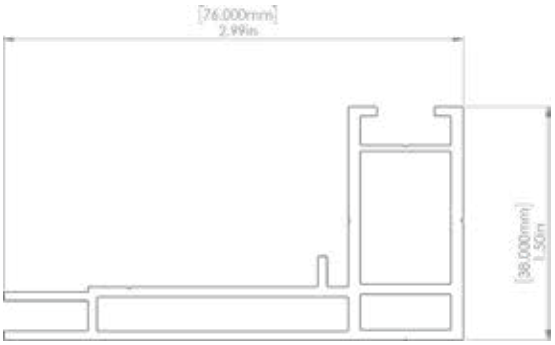
# Specifications

| | | | |
|---|---|---|---|
| Color | Warm White - Cool White | | |
| CCT | 2700K - 5700K | | |
| View Angle (°) | 160° | | |
| Product width (# ofLEDs) | 160mm(2) | 240mm(3) | 480mm(6) |
| Luminous Flux (lm) | 222 | 333 | 675 |
| CRI (Color Rendering Index) | >90 | | |
| Light Efficiency (lm/w) | 90 | 90 | 90 |
| Voltage | 24V DC | | |
| Current (MA) | 104 | 155 | 310 |
| Power (W/pcs) | 2.7 | 4.05 | 8.1 |
| Operating Temperature (°C) | -25 - +60 | | |
| Ingress Protection | IP60 - IP68 | | |

# Profile Options

## 076

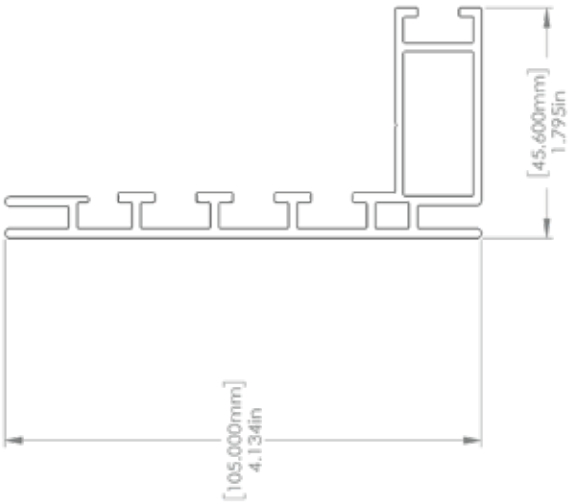
Dimensions
76.00mm x 38.00mm
Weight
1.15 Kg/m (0.77 lbs./lft)






## 105

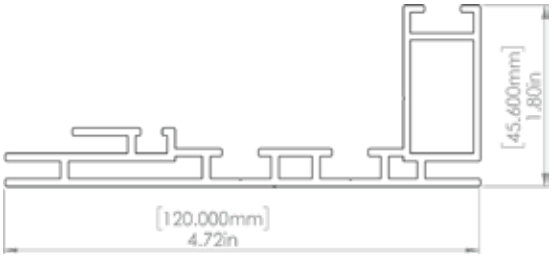
Dimensions
105.00mm x 45.60mm
Weight
1.51 Kg/m (1.01 lbs./lft)






## 120

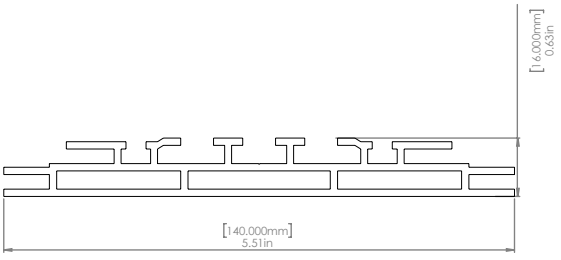
Dimensions
120.00mm x 45.60mm
Weight
1.99 Kg/m (1.34 lbs./lft)






## 140

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






# Profile Colors

Black

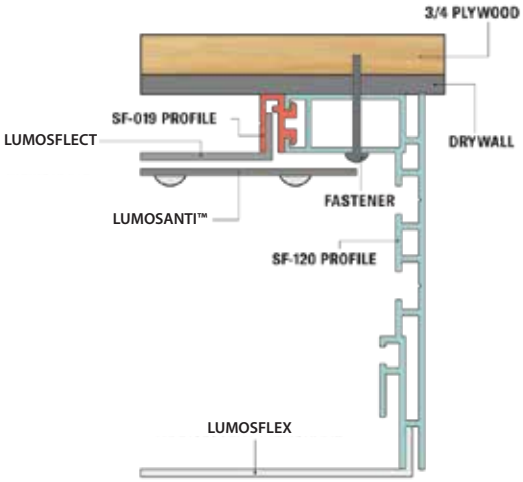
White

Clear

RAL#

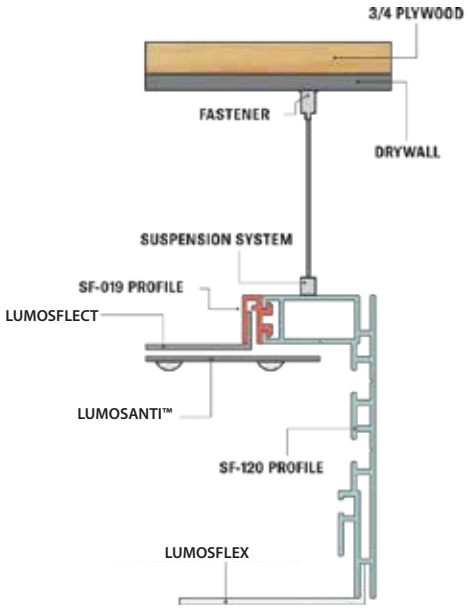
# Mounting Options

## Surface Mounted



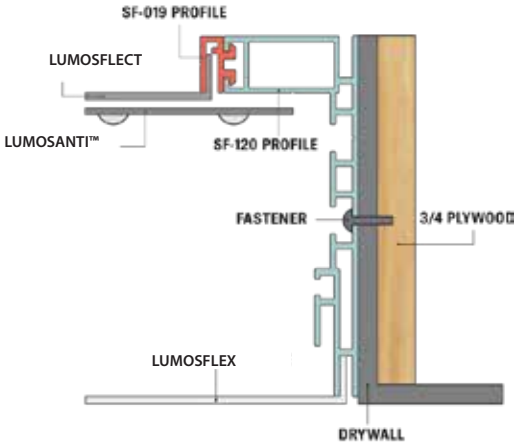



## Suspended






## 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

| BALP | - | | - | | - | | - | | - | | - | | - | LU |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Company**
- BA Baganti

**Product**
- LP LumosCielo™ Perfo

**Shape**
- SQ Square
- RE Rectangle
- TR Triangle
- RO Round
- CU Custom

**Dimensions**
- 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: BALP-SQ-36”x36”-40-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 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 and guarantees that the final result aligns, with the desired aesthetic and functional goals.



# Applications







