LPSTRCH

STRETCH CEILING

Recessed, Surface Mounted or Suspended solution Versatile application with flexible satin diffuser membrane Direct ambient lighting in 3000K or 4000K LED RGB, RGBW and Tuneable White versions available Fixed Output, 1-10V, DALI or Touch-Dim control options Optional dimming only with 24Vdc Flexible SMD strip LED IP40 as standard **Technical Information**

A lightweight Polyvinyl chloride membrane which stretches and clips into the track in addition to the ceilings, the system may also be used to create wall applications, ceiling and wall murals, suspended 3-D panels, or freestanding features. They can be given virtually any shape.

Membrane

The membrane material is a 0.18mm thick PVC based fully recyclable Stretch Membrane s made from a special polyvinyl chloride base that is guaranteed to be cadmium-free. The material comes in a vast array of Colors and Finishes including Matte, Satin, High Gloss (mirror like), It is entirely waterproof, washable, and impermeable to vapor.
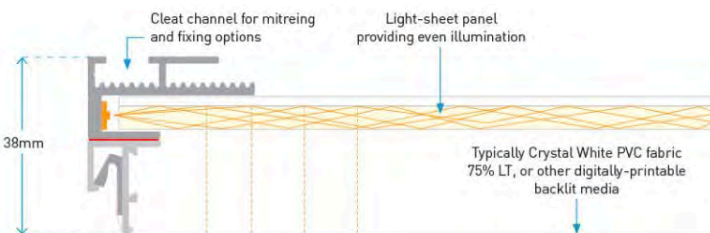
Profile

Typically, the Aluminum Semi-Concealed profile is the preferred choice for most architects

vaults, and many other shapes to be formed with ease.

The stretch PVC ceiling is composed of three parts:

The profile, which is placed on the ceiling,

The 100% PVC membrane.

Cleat channel for mitreing and fixing options

Light-sheet panel providing even illumination

38mm

Typically Crystal White PVC fabric 75% LT, or other digitally-printable backlit media

Flexible LED Strip

LP-128S2835-15W-24

Technical Specification

24Vdc, Constant Voltage flexible LED strip with 3M adhesive-tape on the back for stick on installation . High color reproduction with CRI>80. "One Bin Only" within 3 MacAdam guarantees constant color temperature and high light quality at lifetime of 50,000 hours (L80). Double-layer FPC(2Oz) for excellent heat dissipation Maximum light output and the best color consistency, indoor use IP33-IP65: silicone dropped,~5% less output and 3rd best color consistency, Outdoor use IP67: silicone tube,~3% less output and 2nd best color consistency, IP68 silicone enclosed, ~7% less output and 4th best color consistency, underwater or outdoor use.

Optics 120° beam angle

LED quantity per linear meter 128 SMD

LED power Max 15W/m ($\pm$10%) per linear meter

Color Temperature 2700K/3000K/4000K/6000K

Ra/CRI>85 - (90 option upon request)

Lumen output 2200-2370 lm per Mt

Binning One Bin Only 3 Macadam

LED source SMD2835

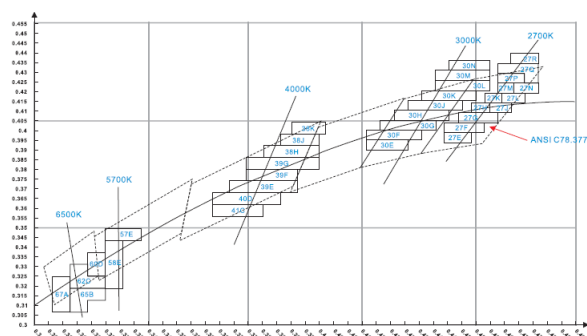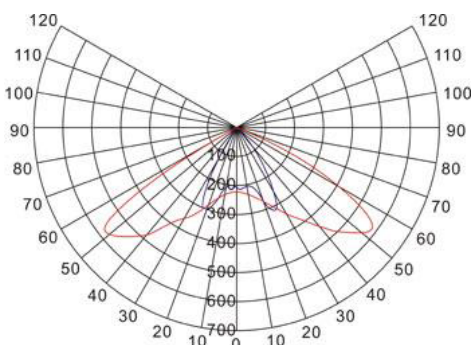Input Voltage 24Vdc Current 0.55A/m Energy grade A+

Lifespan 40000hrs

Working temperature -30°-50°C

CE, IP33Protection Class I I

PCB Finish White

Dimension length 5000*8*1.7mm

Make Lumeplus LP-128S2835-15W-24