

# LUMEN louvre

PRECISION LIGHT CONTROL

## Lighting Metal Fabric Datasheet LuL-0

### Performance & Physical Characteristics - Coated Fabric (MN204E - PPC)

LUMEN louvre inserts are an advanced light control solution that enhances the efficiency, precision, and effectiveness of lighting systems.

**Open Area:** 80%

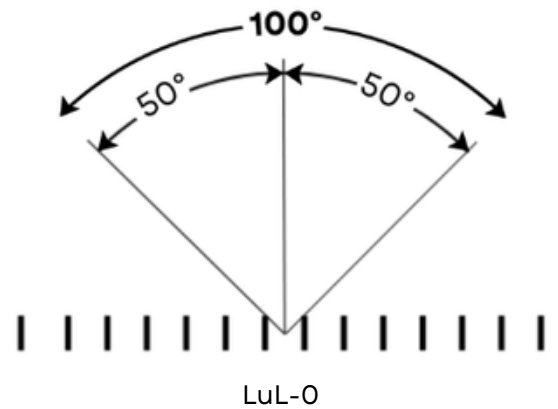
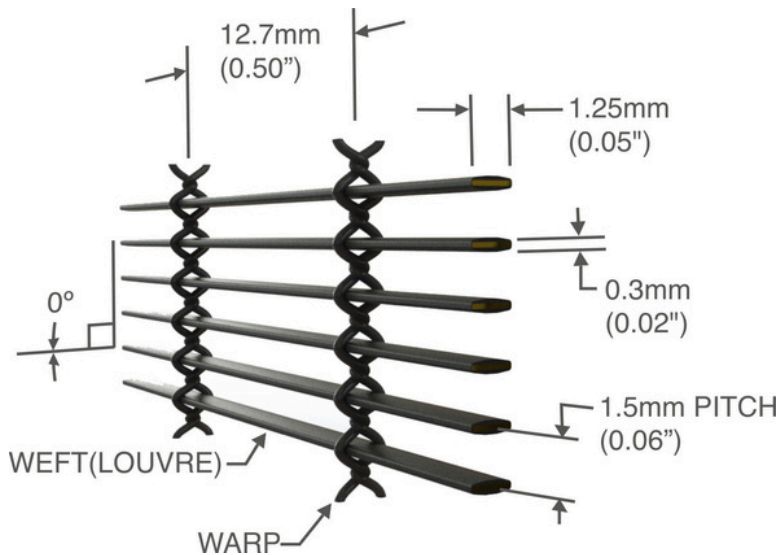
**Colour Rendering Index (CRI):** 100%

**Eclipse Angle:** 0° to 40° & 140° to 180° from horizontal

**Louvre Angle:** 90° from horizontal when horizontally mounted

**Fire/Heat Attenuation:** 49.4% Compliant up to BAL-40(40kW/m<sup>2</sup> incident irradiance)

**Lumen Output Differential:** Black Finish 25% nom. White Finish 35% nom.



Louvre Angle / Light & Vision Occlusion

<b>Weft</b> (each louvre)	Width	<b>1.25mm +0.0/-0.1mm</b>
	Thickness	<b>0.30mm +0.025/-0.0mm</b>
	Louvre Spacing	<b>1.41mm - 1.49mm</b>
	Louvre Count	<b>17min - 18max per 25.4mm</b>
	Louvre Angle	<b>0° (degrees) from normal plane when vertical</b>
<b>Warp</b> (each wire)	Diameter	<b>0.310mm max</b>
	Spacing (nominal)	<b>12.7mm</b>
	Fabric thickness O/A	<b>1.55mm ±0.1mm</b>
<b>Weight</b> (nominal)	per Square Metre	<b>1.1 kg</b>

Direct Light

Minimise Glare

Stop Light Spill

Stop Light Trespass

Lighting Design

Control Light Distribution

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