

BACKLIGHTING CAMBRIA: ASPECT LED

TECHNICAL GUIDELINE



This document outlines how to use Aspect LED panels to backlight Cambria quartz surfaces.

To contact Aspect LED, please call 1-888-503-1317, email sales@aspectled.com, or visit aspectled.com.

1. Table 1 displays designs and thicknesses that can be backlit with AspectLED Light Sheets. Cambria recommends a minimum 1,000 Lumen/ft² output for backlighting technology.

DESIGN	THICKNESS(ES)
Brittanicca Gold Warm™	1cm
Brittanicca Warm™	1cm
Skara Brae®	1cm
Brighton™	2cm

Table 1

2. Color temperature of a light source impacts the surface tone of backlit Cambria. Cambria recommends a color temperature of 6500K.
3. AspectLED light sheets come with 1/2" tall acrylic spacers to support Cambria material. Depending on the style of the cabinet, additional buildup must be added to provide a minimum of 1/8" clearance from the bottom of the mitered drop edge to the top of the cabinet drawer. Additional buildup and/or a thicker substrate can be used to achieve this. **Figure 1** shows a cross sectional view of Aspect LED sheet mounting.

NOTE: Light will emit out of the bottom of the mitered drop. To mitigate this, use a miter return or modified substrate.

NOTE: AspectLED sheets have a mesh diffusion cap over each LED. These are not structural, load bearing members. Do not allow Cambria to rest on the caps.

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CAMBRIA®

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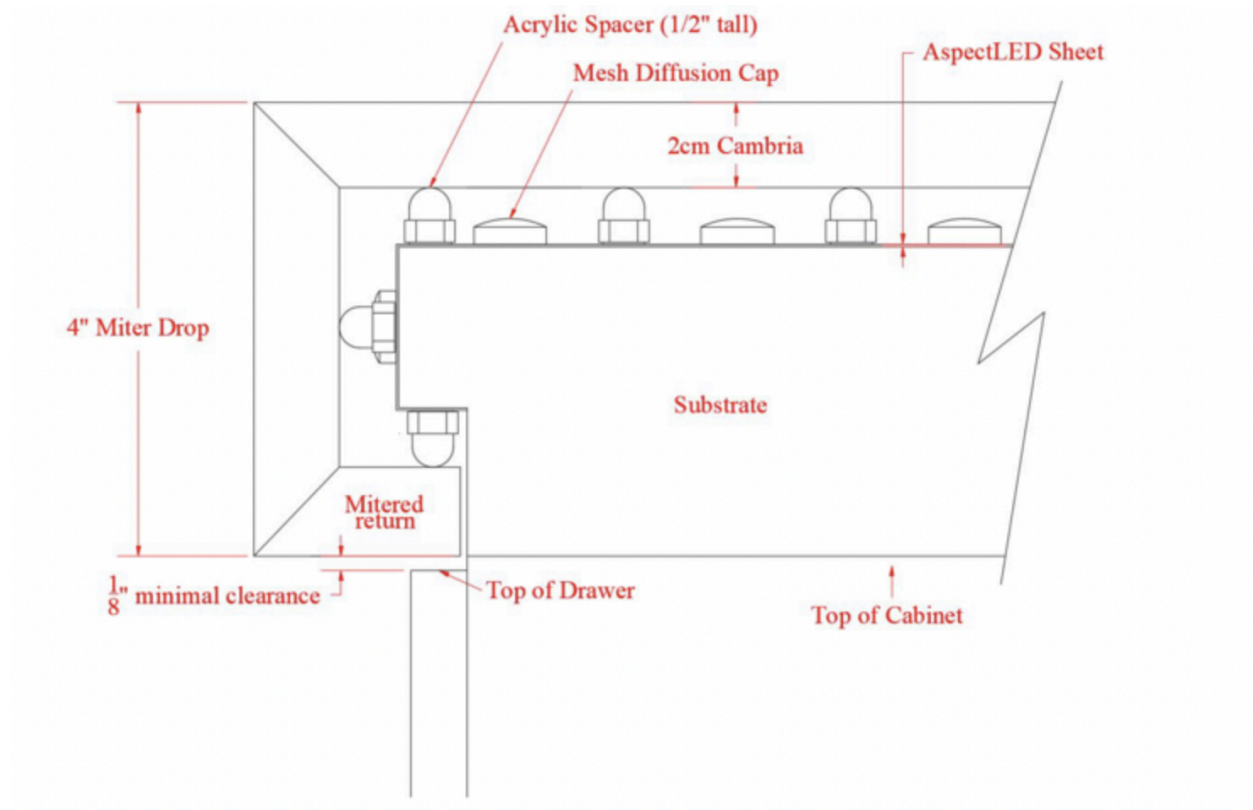


Figure 1

- Aspect LED lighting systems must be installed so that the surface is flat and in plane to properly support the Cambria surfacing. Refer to SOP 9.3.3 Countertop Support and Installation of Cambria surfacing.

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