

Figure 1: LightLouver Application Schematic Section

LightLouver Unit Location (refer to Figure 1):

- Located on a side window wall
- The bottom of the unit must be > 7'-0" AFF
- Preferred use in long and continuous windows

Daylit Space Type:

- Optimal performance in large open spaces with minimal interior obstructions above 7'-0" AFF.
- Good eastern, southern, or western exposure to the sun with minimal shading from neighboring objects (trees, buildings etc.)

LightLouver Sizing (dimensions always refer to window opening size, refer to Figure 2):

- 1 vertical foot of LightLouver provides uniform ambient light for a 12' - 14' daylit zone
- Minimum "Daylight" window opening height = 14"
- Window opening heights should be divisible by 1". Fractional sizes will be rounded down to the next inch increment and the gap between the unit and the mullions will increase.
- Maximum "Daylight" window opening width = 5'-6"
- Interior mullion depth > 1.8".

Electric Lighting Integration:

- Integrates best with indirect lighting, both of which work best with a smooth and reflective ceiling surface. Lensed downlights are acceptable, but louvered troffers do not provide a good reflective surface.
- LightLouver provides an ambient, 20 - 30fc, illuminance and integrates best with a task/ambient electric lighting scheme providing the same ambient level.

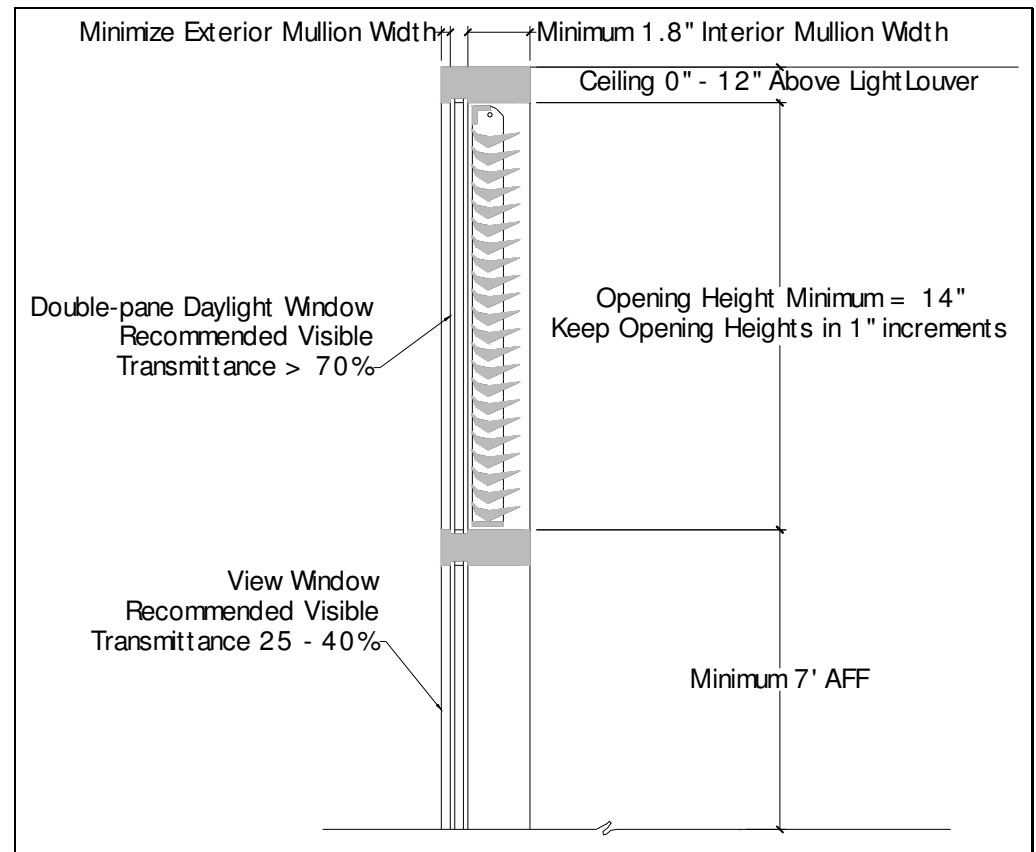


Figure 2: Schematic Section of LightLouver Unit Installation

Design Integration Assistance:

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