1.5", 2.5" or 3.0" narrow decorative lines of light
Smooth flush installation in plaster and drywall
Continuous seamless lens
Socket shadow free illumination
Zero cavity construction-no special framing required
Unit fits within the thickness of the finished wall material
LED panels are easily replaced through lens opening
Fixture is entirely non-ferrous & suitable for MRI rooms

5/8" New or Cut-In Construction

Environmental Data
For 3KL lamping at 3000k:
W: 2.5W/ft (8W/m)
LLD: 50,000hrs @ 70%lm
40ft (6M) on one 100w driver

For 1ML lamping at 3000k:
W: 4.9W/ft (16W/m)
LLD: 50,000hrs @ 70%lm
20ft (6M) on one 100w driver
12ft (3.7m) on one 60w driver

For 2ML lamping at 3000k:
W: 9.8W/ft (32W/m)
LLD: 50,000hrs @ 70%lm
10ft (3M) on one 100w driver

Temp range: 0°~90°F (-20 ~ 30°C)
No Mercury, No UV, No Flicker
Warranty: 5 years
cETLus Listed

Contact factory for construction details to install in environments with ambient temperatures above 90°F for more than 5 hours.
**SimpleLine LED 1.5, 2.5 or 3.0 x 5/8”**

**R-MLV Driver**
Economical magnetic remote mounted power supply with 24Vdc
Constant Voltage output for simple class 2 installation.
20W, 40W or 100W; 120V input, 60Hz.
Dims to 20% with forward phase 2-wire magnetic low voltage dimmer.
Short circuit and overload protected.
Non-IC installations.
Listed for 90°C conductors with 1/2” trade size knock outs.
NEMA 3R enclosure.
See Power Supplies spec sheet for additional information and alternate power supplies.

**R-xxx-UNV Drivers**
Remotely located power supply with 24Vdc Constant Voltage output for simple class 2 installation.
Electronic Drivers 50/60 Hz, 120 thru 277 input.
Choice of 0-10V dimming or switched on/off. 0-10V dimmable drivers may flicker below 10%. Adjust low end trim of dimmer accordingly.
Type A Sound Rating.
Non IC installations standard; consult factory for IC installation.
May be surface mounted or recessed in 2x4 walls or above accessible ceilings.
Housing is die formed 16ga CRS with White painted after fabrication finish.
Listed for 90°C conductors with 1/2” trade size Knock Outs.
See Power Supplies spec sheet for additional driver options.

**R-DLUT96-UNV**
Remote power supply 24Vdc Constant Voltage Output.
50/60Hz, 120 thru 277V input.
Class A sound rated.
Rated for Damp location use. Non-IC installations.
Dims with 3-Wire dimmer or EcoSystem™
Requires 25W minimum load.
For more info visit:

**Driver**
<table>
<thead>
<tr>
<th>R</th>
<th>Remote</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drive Qty Per</td>
<td>Blank for ELV type &amp; DLUT type</td>
</tr>
<tr>
<td>Power Supply X</td>
<td>Factory determined with N100 or D010 type</td>
</tr>
<tr>
<td>Type</td>
<td>ELVxx</td>
</tr>
<tr>
<td></td>
<td>N100</td>
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<td>D010</td>
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<tr>
<td>Voltage</td>
<td>UNV</td>
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<td></td>
<td>120</td>
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<td></td>
<td>CP</td>
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</table>

*See Power Supplies spec sheet for additional versions and details*
SimpleLine LED 1.5, 2.5 or 3.0 x 5/8"

Housing
All aluminum housing mounts just like drywall to framing and hat channel to create a monolithic heat sink. Housing lip is mudded into surface to provide a trimless installation. Foam mud shield keeps aperture clean during install. Easily removed and re-installed as needed.

Housing ships with 15ft CL2P cable attached to reach remote power supply. Longer lengths optional, or 12AWG wire can be added on site; up to 20' with D010 or 50' with N100 & MLV

Multiple housings tab & couple together for straightness.

Class 2 wiring from remote driver for easy installation & safety.

ETL listed, damp location, IC rated (including polyurethane insulation).

See companion spec sheets for "dead side" and "hardside" housings.

Various Ends for different starting and stopping conditions:
- "M" when mid field
- "S" when against hard stops (walls, floor, baseboard)
- "ST" translucent stop, allows light to bridge across control joints
- "AL" & "AR" angle cut (1° to 45°)
- "AP" arrow point
- "RHC" half circle radius
- "R4C" 1/2" radius corners

Transitions
When lens changes directions on same plane or to a 2nd plane. (Minimum length 3.875" or 98mm per side).
- "LT" Left Turn same plane (degrees 90° to 179°); pre-assembled at factory
- "RT" Right Turn same plane (degrees 90° to 179°); pre-assembled at factory
- "IC" inside corner between two planes. Housings overlap and adjust for non-square corners.
- "OC" outside corner around two planes; pre-assembled at factory. 90° standard, consult factory for other angles.

LED
LED boards attached to aluminum heat sink at factory (no need to clean surface with alcohol on site to prevent air bubbles underneath).

Low wattage white light LED produces even distribution with no shadows. Binned within 3 MacAdam ellipses.

Blending and overlap keep color and light output uniform. May select Standard or High Output versions when ordering. See companion spec sheets for RGB & RGB+W color fixtures.

Optics
Light guide panel diffuses multiple LED sources. Panel plugs into housing via DC quick connects & is secured with clear poly screws for quick & easy replacement.

Snap-in high transmission acrylic lens, up to 26ft per section, provides a matte white finish & even distribution for a dimensionless appearance.

Lens fits flush with finished wall surface.

Shallow & rigid housing ensures constant lens retention along length.

Modifications
Runs can be provided to the nearest 1/16" or 1mm.
- “FC” Field cutting allows for a perfect architectural fit. “FC” Housings may be field cut up to 6", then LED panels ordered to fit, DO NOT CUT non-FC HOUSINGS.

For unique custom work, such as corners and patterns, see additional spec sheet or consult factory for shop drawings.

Options
"CP" Chicago Plenum rated housing with two-position junction box for attachment of 1/2" conduit.

Photometric Data

Cat No.: S25-MC5-2ML-35-1-W-R-S-24-S-

Meanwell Driver No.: LPV-20-24 operating at 120v

Total Lumens: 701

* Multiply all data by .50 for 1ML lamping

This is an absolute test per LM-79-08

Luminous Length: 24"

Width: 2.5"

Zonal Lumen Summary

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<tr>
<th>Zone</th>
<th>Lumen</th>
<th>% Luminaire</th>
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</thead>
<tbody>
<tr>
<td>0°-30°</td>
<td>198</td>
<td>28.4%</td>
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<tr>
<td>0°-40°</td>
<td>322</td>
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<tr>
<td>0°-60°</td>
<td>560</td>
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<tr>
<td>60°-90°</td>
<td>139</td>
<td>19.8%</td>
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<tr>
<td>90°-180°</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>0°-180°</td>
<td>699</td>
<td>100%</td>
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</table>

Luminance Data (cd/m2)

<table>
<thead>
<tr>
<th>Angle</th>
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<th>45°</th>
<th>Across</th>
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</thead>
<tbody>
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<td>45°</td>
<td>6017</td>
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<td>5575</td>
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<tr>
<td>65°</td>
<td>5128</td>
<td>5065</td>
<td>5003</td>
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<tr>
<td>75°</td>
<td>4288</td>
<td>4186</td>
<td>3982</td>
</tr>
<tr>
<td>85°</td>
<td>2729</td>
<td>2122</td>
<td>3032</td>
</tr>
</tbody>
</table>

1. Mount and Level Housing.
   Cable to Remote Power Supply.

2. Install Drywall, Tape, Mud & Finish.

SimpleLine LED 1.5, 2.5 or 3.0
1/2" or 5/8"

Denotes the start & power feed point of each run. Can be at either end; whichever is closest to remote power supply. Longer runs may require additional feed points

Ex. Cat. #s (xx denotes lengths)

(1) Straight Line
C-S25-MC5-1ML-30-1-W-R-M-xx-RHC-in

(2) Line from Wall to Ceiling (for sloped ceiling, covert pitch to degrees & change IC90 as needed)
C-S30-MC5-1ML-30-1-W-R-S-xx-IC90-xx-M-in

(3) Linear Pattern to Follow a Stairwell
C-S25-MC5-1ML-30-1-W-R-AP-xx-L33-xx-R33-xx-M-in

(4) Rectangle XX by YY lengths measured along outside of lens
C-S30-MC5-2ML-35-1-4-R-REC __x__ -in

(5) Irregular patterns, criss-crosses & odd shapes can be simply specified as a pattern:
C-S325-MC5-2ML-35-1-4-R-PATTERN # -in

Notes:
- * Not all options shown are contained on this spec sheet; see website for additional widths, housing styles and colored LEDs.
- Factory may suggest modified length up to 2" to all a full LED module to ensure equal brightness in corners.
- Non 90 degree corners, and all T and X hubs, are welded together at factory to prevent mis-alignment.
- Consult factory for help with applications not shown or assistance with specifying & ordering.
- Approved shop drawings are required for all patterns.