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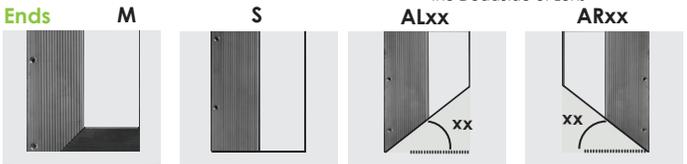
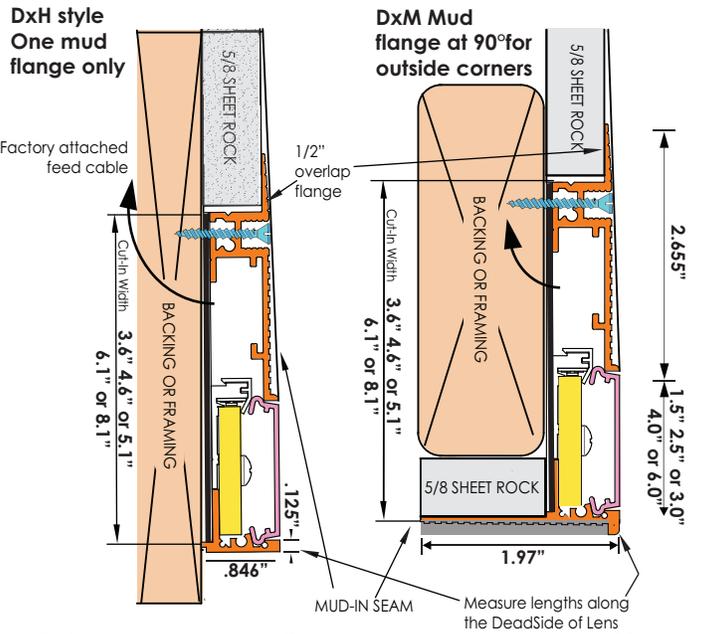


Creates lighted edge, frame or transition to other surface types e.g. wood, stone, or acoustical ceiling tile

DxH or DxM versions for hard or mud-in edge

Integrates with standard SimpleLine series

Unit fits within thickness of the finished 5/8" drywall



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	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 Damp Listed IC Rated
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Ordering

- | | | |
|---|---|--|
| Series | SD15 <input type="checkbox"/> 1.5 in width | SD40 <input type="checkbox"/> 4.0 in width |
| | SD25 <input type="checkbox"/> 2.5 in width | SD60* <input type="checkbox"/> 6.0 in width |
| | SD30 <input type="checkbox"/> 3.0 in width | *DxMW style only |
| Mounting | MC5 <input type="checkbox"/> New or Cut-in construction 5/8" drywall or thicker | |
| Lamping | 3KL <input type="checkbox"/> 88lu/ft LED 2.5w/ft (8w/m) in 30 & 35K only | |
| <small>Delivered lumens</small> | 1ML <input type="checkbox"/> 175lu/ft LED 4.9w/ft (16w/m) | |
| <small>For 2 row, add D e.g. 2MLD See Ex #7 on last page.</small> | 2ML <input type="checkbox"/> 350lu/ft LED 9.8w/ft (32w/m) | |
| | _CC <input type="checkbox"/> Constant Current LED Up to 8.0w/ft
lu/ft: 8.0=485, 5.4=354, 3.0=180, 1.5=91 | |
| Color | 27 <input type="checkbox"/> 2700K, 85+ CRI | 279 <input type="checkbox"/> 2700K, 90+ CRI |
| | 30 <input type="checkbox"/> 3000K, 85+ CRI | 309 <input type="checkbox"/> 3000K, 90+ CRI |
| | 35 <input type="checkbox"/> 3500K, 85+ CRI | 40 <input type="checkbox"/> 4000K, 85+ CRI |
| | See Mullet spec sheet for RGB, RGB+W & tunable white | |
| Wire Harness | 1 <input type="checkbox"/> Single | 2 <input type="checkbox"/> Double for 2 row LED
1ML, 2ML or CC only |
| Lens | W <input type="checkbox"/> White | |
| | TW3 <input type="checkbox"/> 3/8" Tall White Not available with S60 | |
| | G <input type="checkbox"/> Custom graphics, braille to be added to W or TW3 lens | |
| Driver | R <input type="checkbox"/> Remote | |
| Start End | M <input type="checkbox"/> Mud in End | |
| | S <input type="checkbox"/> Straight End | |
| | Axx <input type="checkbox"/> Angle cut Left or Right (degrees 1° to 89°) | |
| | PAT <input type="checkbox"/> Use to denote patterns as drawn | |
| Length | xx <input type="checkbox"/> xx is distance in inch or mm | |
| | xxFC <input type="checkbox"/> Allows housing to be field cut for exact fit | |
| DeadSide Style | DxH <input type="checkbox"/> Along an inside corner or hard surface | |
| | DxM <input type="checkbox"/> Along an outside corner | |
| <small>x = Left or Right side. See shop drawing</small> | DxMW <input type="checkbox"/> Along an inside corner for 2 row LED* | |
| | *Required with SD60 & for 2 row LED | |
| ACT Flange | 9F <input type="checkbox"/> 9/16" flange flush with face | |
| <small>If needed with DxH See Ex #5</small> | 9T <input type="checkbox"/> 9/16" flange raised 5/16" for tegular tiles | |
| Transition | LTxx <input type="checkbox"/> Left Turn same plane (degrees 66° to 179°) | |
| <small>Only if lens changes direction</small> | RTxx <input type="checkbox"/> Right Turn same plane (degrees 66° to 179°) | |
| | ICxx <input type="checkbox"/> Inside Corner (degrees 66° to 179°) | |
| | OCxx <input type="checkbox"/> Outside Corner (degrees 66° to 179°) | |
| Finish End | ___ <input type="checkbox"/> Choose from Start End choices listed above | |
| DxH Color | ___ <input type="checkbox"/> Natural Anodized | BK <input type="checkbox"/> Black WH <input type="checkbox"/> White |
| | BZ <input type="checkbox"/> Bronze | ___ <input type="checkbox"/> Other |
| Units | mm <input type="checkbox"/> mm | |
| | in <input type="checkbox"/> inches | |
| Options | CP <input type="checkbox"/> Chicago Plenum | |
| | EME <input type="checkbox"/> All feed cables labeled for connection to EM circuit | |
| | EM5 <input type="checkbox"/> 5' section(s) in run labeled for connection to EM circuit | |
| | EF <input type="checkbox"/> Feed cable exits end (10' or shorter housings) | |

*Specify Power Supply on next page

R-FLV Driver

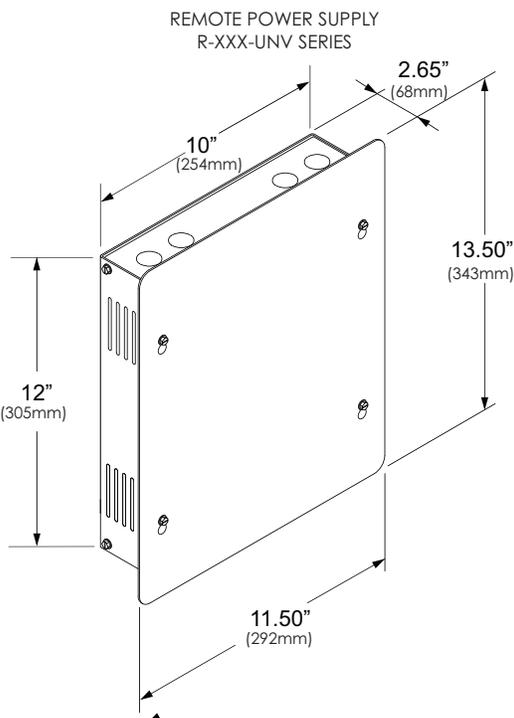
Forward phase low voltage remote mounted power supply with 24Vdc Constant Voltage output for simple class 2 installation. 20W, 40W, 60W or 96W; 120V 60Hz input. Minimum 50% watt load required; e.g. 10W on FLV20
Dims to 20% with forward phase 2-wire magnetic low voltage dimmer. Short circuit and overload protected.
Non-IC installations.
Listed for 90 C conductors with 1/2" trade size knock outs. NEMA 3R enclosure.

R-xxx-UNV Drivers

Remotely located power supply with 24Vdc Constant Voltage, or Constant Current, output for simple class 2 installation. Electronic Drivers 50/60 Hz, 120 thru 277 input. Choice of 0-10V dimming or switched on/off. Dimmable drivers with 3KL, 1ML, or 2ML may flicker below 10%. Use Constant Current version to dim to 1%.
Nxx requires 8W and D010 requires 20W minimum load 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.

R-DLUT96-UNV Driver

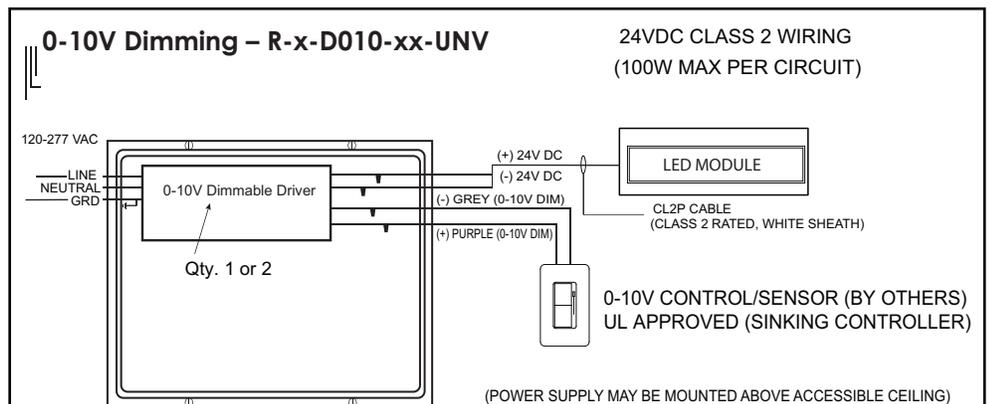
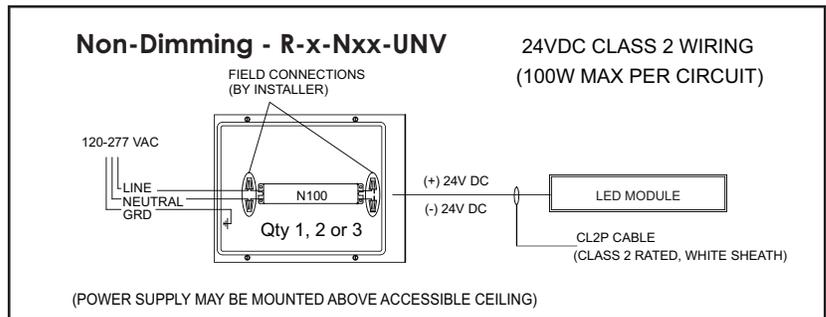
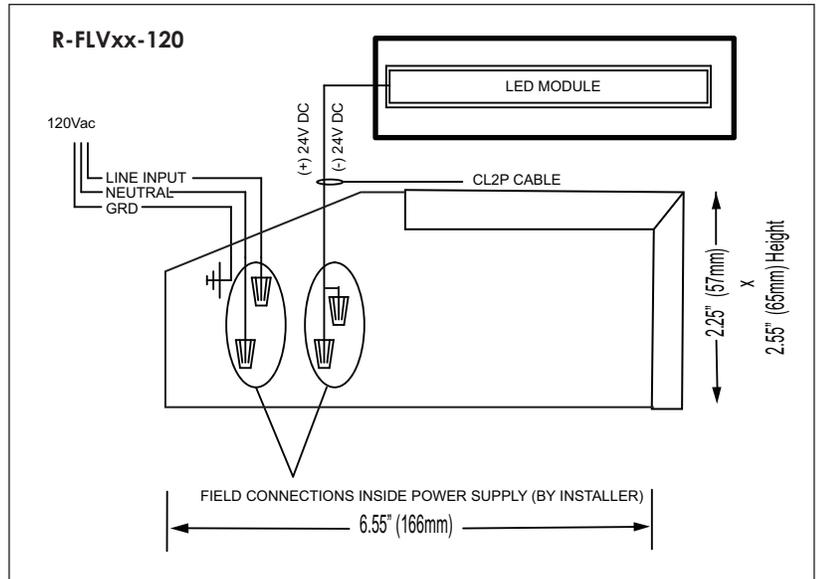
* For use with 6P lamping only.
Dims to 1%
Remote power supply 24Vdc Constant Voltage Output. 50/60Hz, 120 thru 277V input.
Class A sound rated.
Rated for Damp location use. Non-IC installations.
Dims with 3-Wire dimmer or EcoSystem™ Requires 25W minimum load. For more info visit:
<http://www.lutron.com/TechnicalDocumentLibrary/369883.pdf>



- | | | |
|---------------|---------|---|
| Driver* | R | <input type="checkbox"/> Remote |
| Drive Qty Per | - | <input type="checkbox"/> Blank for FLV & DLUTP type |
| Power Supply | X | <input type="checkbox"/> Factory determined with Nxx or D010 type |
| Type | FLVxx | <input type="checkbox"/> Forward phase low voltage, 20, 40, 60 or 96W |
| | Nxx | <input type="checkbox"/> Non-dim 100W max. |
| | D010 | <input type="checkbox"/> Dimming via 0-10Vdc |
| | D010_mA | <input type="checkbox"/> **Constant Current (mA by factory) |
| | DLUTP96 | <input type="checkbox"/> Lutron Hi-Lume Premier 96W (6P lamping only) |
| | DDMX | <input type="checkbox"/> Dimming via DMX |
| | DALi | <input type="checkbox"/> Dimming via DALi |
| Voltage | UNV | <input type="checkbox"/> Universal 120-277V for Nxx or D010 type |
| | 120 | <input type="checkbox"/> 120 only for FLV type |
| | CP | <input type="checkbox"/> Chicago Plenum rated enclosure |

*Consult factory for DALi, DMX & Lutron driver options.

**Constant Current requires a factory programmed driver for each LED panel.





SimpleLine DeadsideLED $1.5, 2.5, 3.0, 4.0$ or 6.0 $\times 5/8"$

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.
DxH has straight edge DeadSide for abutting hard, open or ACT surfaces; or DxM has return edge DeadSide with mud lip along an outside corner. DxMW allows 2 row LED required for SD60.
Foam mud shield keeps aperture clean during install. Easily removed and re-installed as needed.
Housing ships with 15ft CL2P cable attached to back to reach remote power supply. Longer lengths optional, or 12AWG wire can be added on site; up to 20' with D010 or 50' with Nxx & FLV.
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).
For use with 5/8" drywall.

Various Ends

for different starting and stopping conditions:
"M" when mid field. (vinyl, can be field cut)
"S" when against hard stops (walls, floor, baseboard)
"AL" & "AR" angle cut.

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 patterns, modifications or to combine with other Dado products, consult factory for shop drawings.

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°)
"RT" Right Turn same plane (degrees 90° to 179°)
"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.

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.

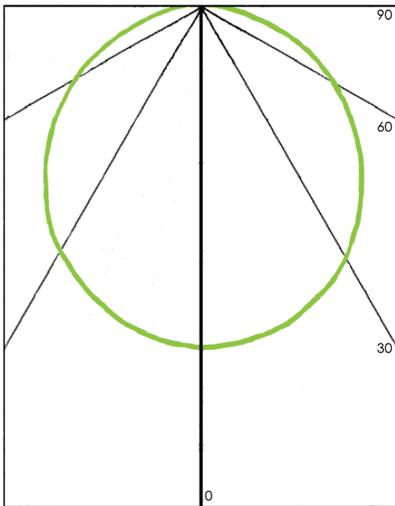
Options

"CP" Chicago Plenum rated housing with j-box for attachment of 1/2" EMT.
"EME" (entire fixture) or EM5 (5' section of a run) with EM labeled feed cable(s). Requires relay by others to switch from normal to EM input at driver. Dado does not provide battery packs.
"EF" Feed cable exits end, instead of back, on 10' or shorter housings.

Photometric Data

BALLabs

Independent Test No. 17940.0
Candlepower Distribution (cd)



Cat No.: S25-MC5-2ML-35-1-W-R-S-24-S-in*
Meanwell Driver No.: LPV-20-24 operating at 120v
Total Lumens: 701
* Multiply all data by 1.39 for 8.0CC, .50 for 1ML/3.0CC or .25 for 3KL/1.5CC

Angle	Along	45°	Across
0°	259	259	259
5°	262	259	256
10°	256	252	251
15°	252	247	246
20°	240	236	234
25°	230	225	225
30°	219	214	211
35°	202	199	197
40°	186	180	179
45°	166	163	162
50°	149	144	145
55°	128	124	125
60°	107	105	104
65°	85	84	82
70°	65	54	64
75°	43	42	40
80°	25	24	26
85°	9	7	10
90°	0	0	0

This is an absolute test per LM-79-08
Luminous Length: 24"
Width: 2.5"

Zonal Lumen Summary

Zone	Lumen	% Luminaire
0-30°	198	28.4%
0-40°	322	46.1%
0-60°	560	80.2%
60-90°	139	19.8%
90-180°	0	0%
0-180°	699	100%

Luminance Data (cd/m2)

Angle	Along	45°	Across
45°	6017	5905	5868
55°	5713	5529	5575
65°	5128	5065	5003
75°	4288	4186	3982
85°	2729	2122	3032

1. Mount Housing. Pull attached feed cable to Remote Power Supply.

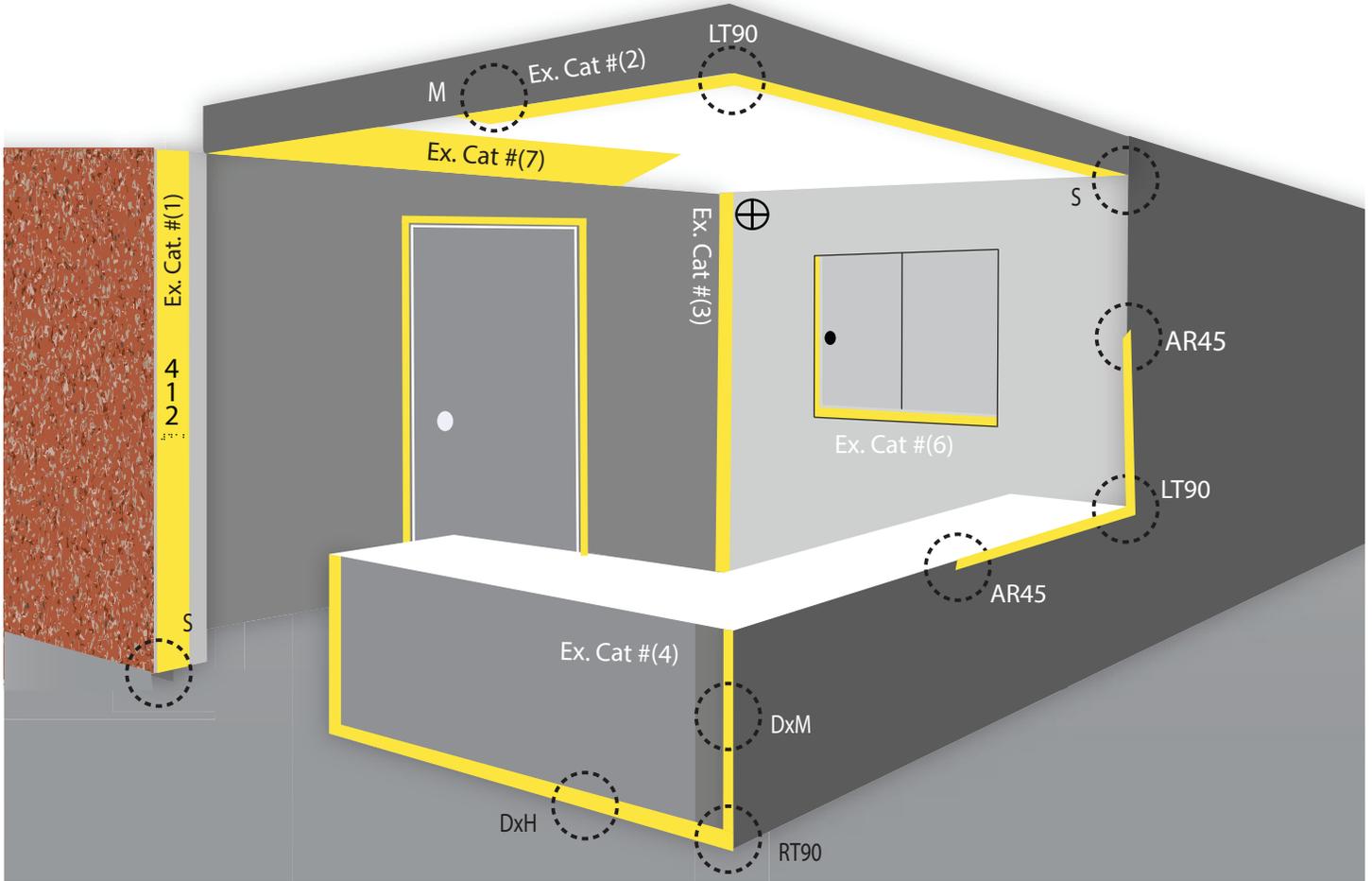


2. Install Drywall, Tape, Mud & Finish.



3. Plug in LED Module & snap in lens.





Ex. Cat #s (xx denotes lengths)

- (1) DeadSide on Left abutting granite with printed graphics on lens:
SD30-MC5-3KL-30-1-WG-S-xx-DLH-S-in
- (2) (2) Outline a perimeter:
SD25-MC5-2ML-30-1-R-M-xxDxL-OC90-xxDxH-Finish-in
- (3) Vertical along inside corner
SD25-MC5-1ML-30-1-W-R-S-xxDxH-S-in
- (4) Outline outside edges & bottom of wall
SD15-MC5-1ML-30-1-W-R-S-xxDxM-RT90-xxDxH-RT90-xxDxM-S-in
- (5) With L molding attached to interface between drywall and ACT ceilings: SD15-MC5-2ML-30-1-R-M-xxDxH-9F-WH-in
- (6) Rectangle around vertical walls by window or skylight shaft.
SD25-MC5-1ML-30-1-W-R-PAT-DxM-in
- (7) SD60 with DxMW & 2 row LED. Note 2 row version has same w/ft as 1 row as each row has 1/2 the w/ft.
SD60-MC5-2MLD-30-1-W-R-S-xx-DxMW-M-in

Notes:

- Factory attached CL2P feed cable to be run to remote power supply. Shop drawings will show length, quantity & exit location(s). Assembly drawing will detail which driver to land each cable to.
- Consult factory for help with applications not shown or assistance with specifying & ordering.

