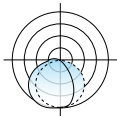


MLP3

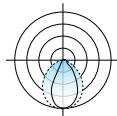
**1", 2" OR 3" DEEP REGRESSION
RECESSED PERIMETER LINEAR SYSTEM**



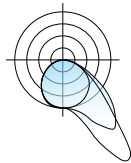
HTA/ASO



Wall Graze



Asymmetric Lens



FEATURES

- Recessed perimeter linear system.
- Enhances and defines the perimeter of the ceiling while making a space feel bigger and brighter.
- Mounts against the wall and provides a defined floating edge to the ceiling.
- Housing regresses up into the ceiling; 1-, 2-, or 3-inches.
- Direct downlighting for wall and general room illumination.
- Telescoping adjustable, fully illuminated, end-sleeve is a new optional feature which allows on-site luminaire adjustability from +5.75" to -6".
- Asymmetric Lens with 1" regression.
- Extruded aluminum housing for perfectly straight lines of light.
- Approximate 3-1/2" opening from ceiling to wall.
- Linear lengths; 2-ft. and above in increments of one-inch.
- Custom formulated lens from high diffusion extruded acrylic.
- Non-glare matte-white polyester powder coating finish.
- Cataloged standard or custom set lumens-per-foot performances.
- 80 CRI standard. 90 CRI available.
- Continuous dimming capability down to 1% on 0-10V controls.
- IC rated.
- CCEA option available only for non-telescoping.
- Fixture lumens per watt ratios up to 136.
- Tunable white feature optional.
- Standard and custom corners.
- American Made.

Fixture type:

Job information:

MLP3

1", 2" OR 3" DEEP REGRESSION RECESSED PERIMETER LINEAR SYSTEM



PRODUCT DEFINITION SHEET

Ex: **MLP3-N5-3-96-930-35K-ASO-1-U-EM12-SR-TEL-WL**

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	

1	2	3	4	5
SERIES	MOUNTING	REGRESSION DEPTH	LENGTH	SHAPE (ENTER LENGTH IN PRODUCT CODE ABOVE)
☐ MLP3 LightPerimeter	☐ G Grid 9/16" or 15/16"	☐ 3 3" Regression Default Setting	☐ 48 48" Length ☐ 96 96" Length Custom or Row Length. 24" and above in 1" increments. Ex. in inches: 82, 384, etc.	Specify IC for inside or OC for outside corner (ex. QIC__.) ☐ S__ Individual/Straight Run Section (enter length, ex. S18) ☐ Q_C__ Square Configuration (enter side length A, ex: Q18) ☐ R_C__/_ Rectangular Configuration (enter side lengths A and B, ex. R12/24) ☐ L_C__/_ L-Shaped Configuration (enter side lengths A and B, ex. L12/24) ☐ U_C__/_/_ U-Shaped Configuration (enter side lengths A, B, and C, ex. U12/12/24)
☐ N5 Trimless Plaster-In for 5/8" Drywall	☐ F Overlapping Flange Trim	☐ 2 2" Regression Optional Setting		
		☐ 1 1" Regression Optional Setting		

All corners of shape must be 90°, same plane. Lengths greater than 8' consist of multiple individual housing sections joined together. Lengths are nominal and may vary based on lamping and other specification selections. Consult Mercury when exact lengths are required. Consult factory for corners other than 90°

6	7	8	9	10	
LUMENS/FT		COLOR TEMP-CCT	DIFFUSER	DRIVER	VOLTAGE
HTA ☐ 400 ☐ 500 ☐ 625 ☐ 825 ☐ 1160 ☐ 400 ☐ 500 ☐ 625 ☐ 825 ☐ 1100		80 CRI ☐ 30K 3000K ☐ 35K 3500K ☐ 40K 4000K ☐ 50K 5000K Upon request ☐ TW Tunable White 2700K-6500K	☐ HTA High Transmission Acrylic ☐ ASO Acrylic Smooth Opal ☐ ASYM Asymmetric with 1" regression setting ☐ WG Wall Graze Frost*	☐ 1 0-10V 1% Dimming ☐ IDD 0-10% Dimming Dim to Dark ☐ eL eldoLED Solo 0.1% ☐ LDE1 Lutron Hi- Lume ☐ - As Specified	☐ U Uni 120-277V ☐ 1 120V ☐ 7 277V Please verify at the time of release if 120V or 277V is required. Although drivers are universal voltage, a specific voltage is required to determine amp draw as well as voltage specific flexes and/or plug thrus as needed.
ASO ☐ 400 ☐ 500 ☐ 625 ☐ 850 ☐ 930 ☐ 400 ☐ 500 ☐ 625 ☐ 850 ☐ 1000 ☐ 1240		90 CRI ☐ 927K 2700K ☐ 930K 3000K ☐ 935K 3500K ☐ 940K 4000K	*Available for use with all mounting options on 2" and 3" regress depths only. Inside corners to use white lens in order to avoid striations.		
Custom Lumen Packages					

Custom Lumen Packages

OPTIONS				
11	12	13	14	15
STANDBY MODULES	MISC.	TELESCOPING	SENSOR READY	LIGHTING CONTROLS
☐ EM10 Emergency Battery Pack 10W ☐ EM12 Emergency Battery Pack 12W ☐ NO OPTION Available in modules of 4-ft. and longer.	☐ WL UL "Suitable for Wet Locations" labeled. ☐ CCEA Meets the City of Chicago Environmental Air Specification (only for non-telescoping) ☐ BABA Consult factory.	☐ TEL Adjustable, fully illuminated Telescoping Sleeve. 36 nominal length unit with +5.75", -6" adjustability.	☐ SR Sensor Ready Required for Certain Controls, Contact Mercury Lighting	☐ AU Autani ☐ AVI Avi-On ☐ CA Casambi ☐ LV Leviton ☐ LT Lutron ☐ NL nLight ☐ PS Philips/Signify ☐ WA Wattstopper ☐ CU Current nx ☐ NO No option Consult Mercury Lighting for further information and other options. Mercury should be notified if the controls are to be Wireless, Networked Lighting Controls, 0-10v Dimming, DMX, etc. If controls aren't specified, the fixture ships 0-10V, 1% dimming, unified D/I control.

MLP3

1", 2" OR 3" DEEP REGRESSION RECESSED PERIMETER LINEAR SYSTEM



PERFORMANCE

PERFORMANCE - HTA

Based on 4Ft. Module, 3500K, 80 CRI, 3" Deep Regression-
Signify LV6 LED Boards

Lumens per Foot (LF)	Total Lumens (4Ft)	System Watts (W)	Lumens per Watt (LPW)
400	1600	13.0	123
500	2000	13.0	122
625	2500	16.4	121
825	3300	21.0	117
1160	4640	41.4	112

Actual performance may differ by +/- 5% when operating between 120V-277V +/- 10%. Consult Factory for 90 CRI performances.

Multiplier for other Color Temp (K)

3000K	97%
3500K	100%
4000K	102%
5000K	103%



PERFORMANCE - ASYM

Based on 4Ft. Module, 3500K, 80 CRI, 1" Deep Regression-
Signify LV6 LED Boards

Lumens per Foot (LF)	Total Lumens (4Ft)	System Watts (W)	Lumens per Watt (LPW)
400	1600	13	123
500	2000	16	125
625	2500	20	125
825	3300	26	127
1100	4400	49	90

Actual performance may differ by +/- 5% when operating between 120V-277V +/- 10%. Consult Factory for 90 CRI performances.

Multiplier for other Color Temp (K)

3000K	97%
3500K	100%
4000K	102%
5000K	103%



PERFORMANCE - ASO

Based on 4Ft. Module, 3500K, 80 CRI, 3" Deep Regression-
Signify LV6 LED Boards

Lumens per Foot (LF)	Total Lumens (4Ft)	System Watts (W)	Lumens per Watt (LPW)
400	1600	15.5	103
500	2000	19.6	102
625	2500	25.2	99
825	3400	35.3	96
930	3720	40.0	93

Actual performance may differ by +/- 5% when operating between 120V-277V +/- 10%. Consult Factory for 90 CRI performances.

Multiplier for other Color Temp (K)

3000K	97%
3500K	100%
4000K	102%
5000K	103%



PERFORMANCE - WG

Based on 4Ft. Module, 3500K, 80 CRI, 3" Deep Regression-
Signify LV6 LED Boards

Lumens per Foot (LF)	Total Lumens (4Ft)	System Watts (W)	Lumens per Watt (LPW)
400	1600	11.8	136
500	2000	14.8	135
625	2500	18.7	134
850	3400	25.7	132
1000	4000	30.9	129
1240	4960	39.2	127

Actual performance may differ by +/- 5% when operating between 120V-277V +/- 10%. Consult Factory for 90 CRI performances.

Multiplier for other Color Temp (K)

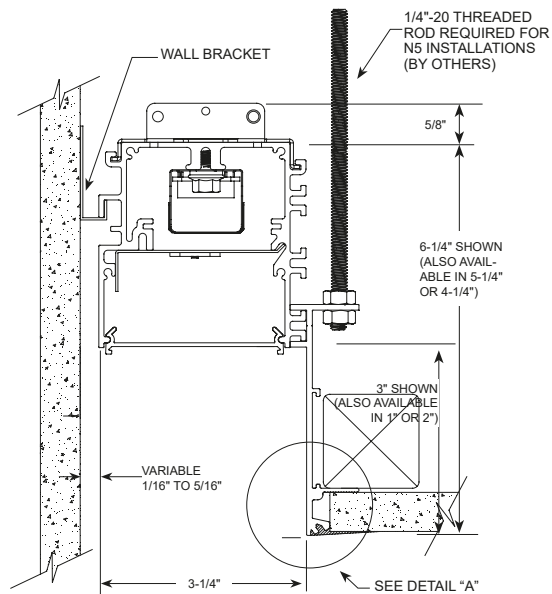
3000K	97%
3500K	100%
4000K	102%
5000K	103%



MLP3

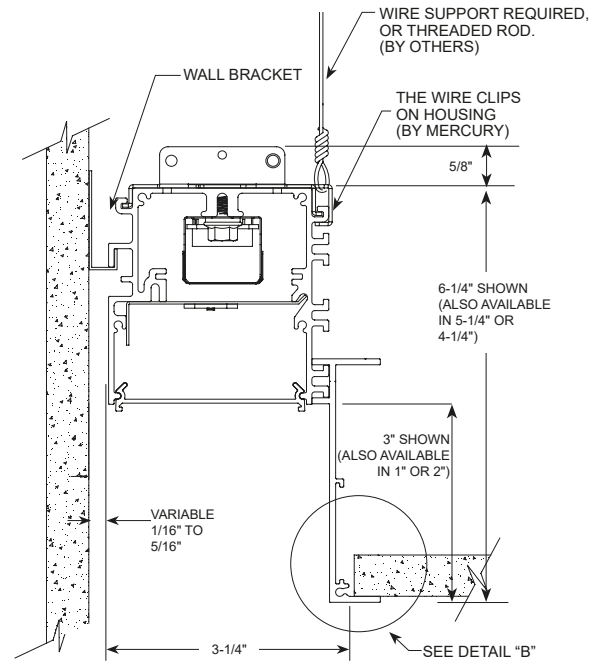
1", 2" OR 3" DEEP REGRESSION RECESSED PERIMETER LINEAR SYSTEM

CEILING TYPES & DIMENSIONS



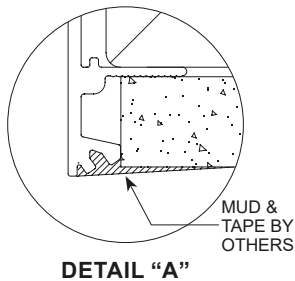
N5 HTA/ASO LENS

Trimless Plaster-In for
5/8" Drywall



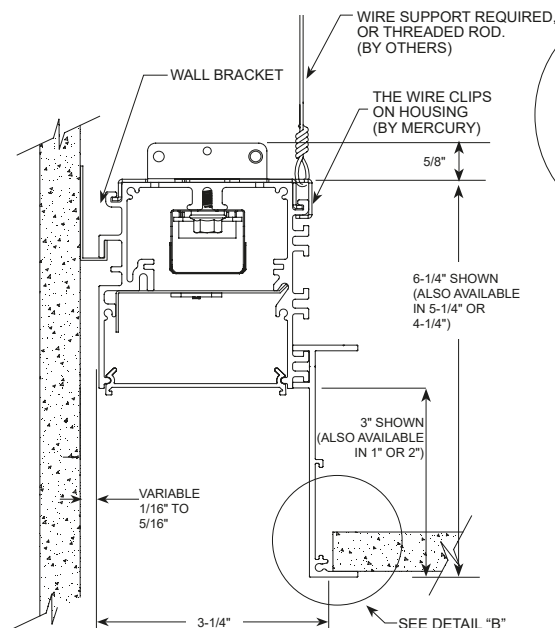
G HTA/ASO LENS

Grid 9/16" or 15/16"

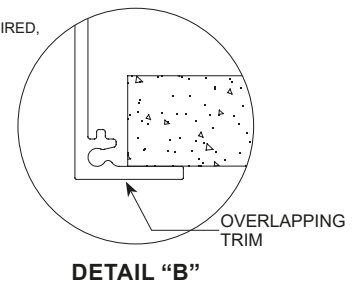


DETAIL "A"

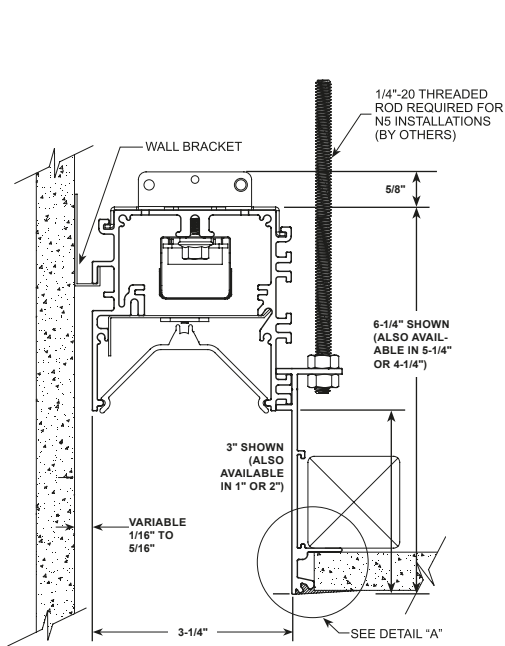
NOTE: Fixture must be installed
prior to ceiling in all drywall
applications (N5 and F).



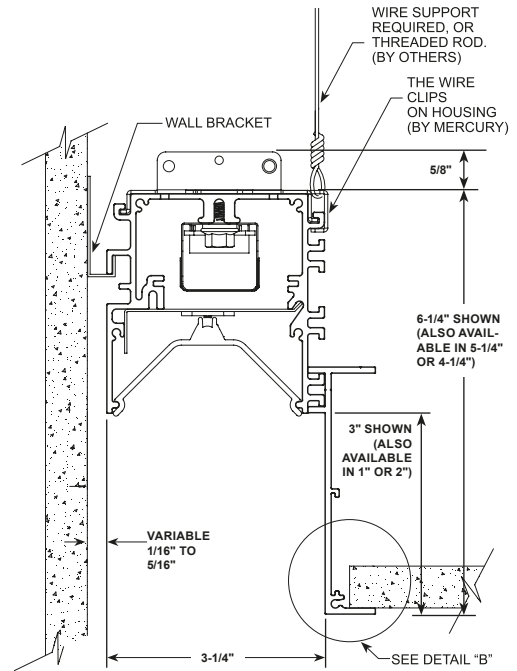
F HTA/ASO LENS Overlapping Flange Trim



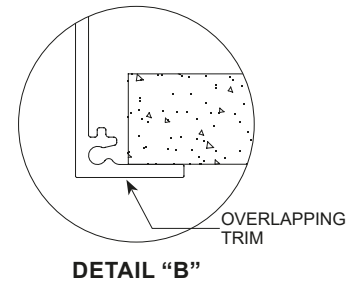
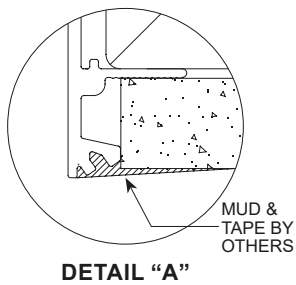
DETAIL "B"



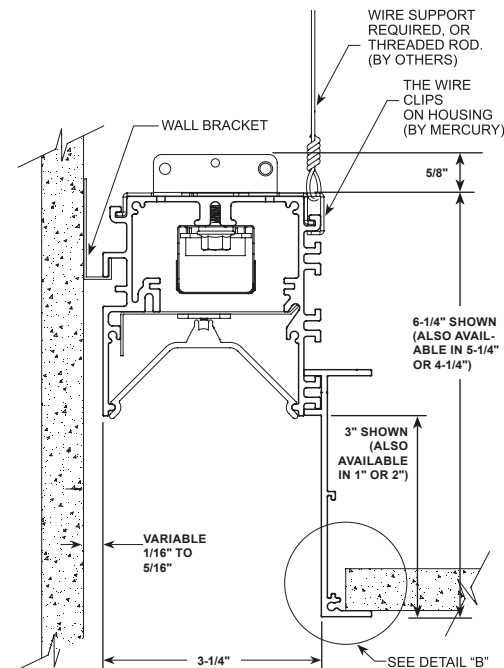
N5
Wall Graze Frost
Trimless Plaster-In for
5/8" Drywall



G
Wall Graze Frost
Grid 9/16" or 15/16"



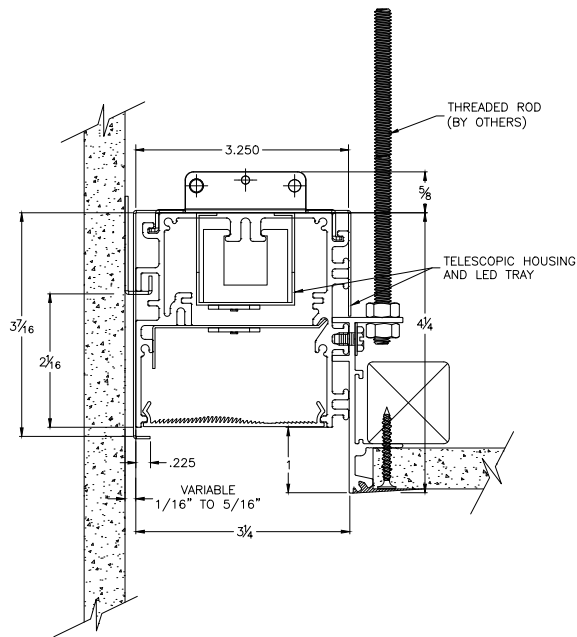
NOTE: Fixture must be installed prior to ceiling in all drywall applications (N5 and F).



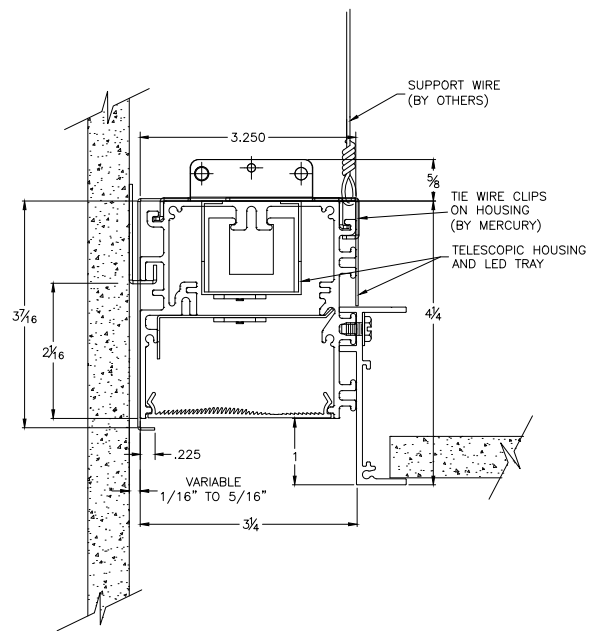
F
Wall Graze Frost
Overlapping Flange Trim

MLP3

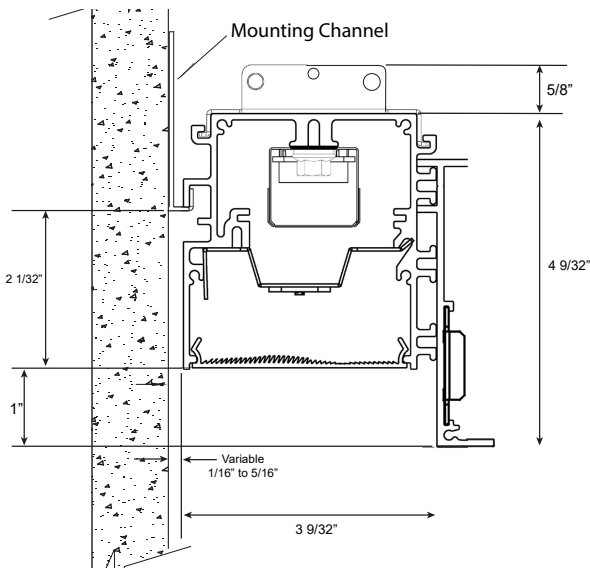
1", 2" OR 3" DEEP REGRESSION RECESSED PERIMETER LINEAR SYSTEM



Regress Tele N5 Asymmetric Lens



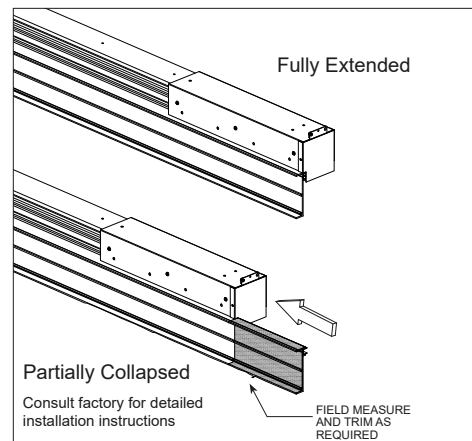
Regress Tele Flanged Asymmetric Lens



Asymmetric

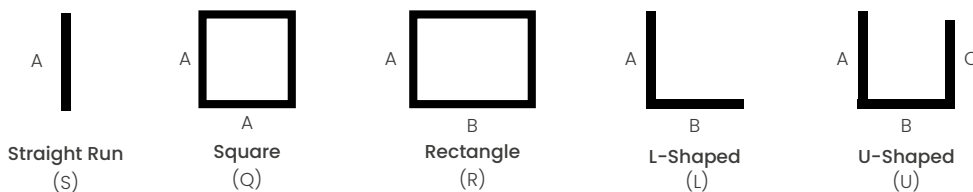
Asymmetric Lens with 1" regression

OPTIONAL FULLY ILLUMINATED TELESCOPING END



SHAPES/PATTERNS

For other shapes/patterns consult the factory.



HOUSINGS

Extruded aluminum profile in a 0.080-inch wall thickness. Maximum length of each linear component is 12-ft. .060 aluminum ends are provided where needed at row termini. A one-piece 14GA galvanized steel joiner/aligner bracket is provided for each joint between housings. Internal cold-rolled steel components. Housing intended for recessing into drywall type ceilings systems. Easy-use grid pry outs provided. Trimless housing for plaster-in or overlapping flange trim. See ceiling types section. A custom formulated non-glare matte-white polyester powder coating provides an extremely durable and long-lasting finish.

DIFFUSERS

Seamless fit diffusers. Flawless and consistent end-to-end fit. **ASO diffuser:** extruded from custom formulated smooth opal acrylic material. **HTA diffuser:** extruded from custom formulated high transmission white acrylic material. **ASYM diffuser:** Asymmetric extruded acrylic lens with 1" regression. **WG diffuser:** extruded from frosted clear acrylic material.

LED MODULES

High performance linear configured LED module boards. Each board consists of multiple mid-power, high efficacy LEDs in a precise layout eliminating the need for supplemental heat sinking. The boards produce an even and diffuse light which maximizes optical efficiency. Compatible with the dimming performance of the LED driver. Color temperatures available 80 CRI: 3000K, 3500K and 4000K. Upon request: 5000K. Color temperatures available 90 CRI: 2700K, 3000K, 3500K and 4000K.

TUNABLE WHITE OPTION

Field tunable range 2700K through 6500K. 80CRI.

LED DRIVERS

Factory programmable constant current LED power supply. Multiple standard drive current outputs (factory set by Mercury) are cataloged with their corresponding lumens per-foot offering. Upon request, custom drive current outputs and lumens-per-foot options are available. Note: Certain cataloged lumens-per-foot offerings may be provided with a non-programmable constant current LED power supply at Mercury's discretion. Contact factory if critical. Universal voltage input, 120V-277V, 50HZ-60HZ. Continuous dimming capability down to 1%-standard. 0.1% available upon request. Dim to Dark option available upon request. Sensor ready (SR) drivers compatible with most lighting controls are optional. Consult factory. Lutron driver available: LDEI series.

STANDBY LIGHTING OPTIONS

Self-contained module, 10W or 12W as specified. Battery backup upon loss of power. Available in modules of 4-Ft. and longer. (Limited to 625 Lumens per foot packages).

CORNERS

Standard 90-degree corners for inside or outside turns. Custom angled corners.

INSTALLATIONS

Designed for recessing at the perimeter of drywall or grid type ceiling systems. Wall side of housing mounts easily on separate wall mounting bracket system. Drywall ceiling options: Trimless housing (N5) for 5/8" drywall requires plastering-in by others after installation. Overlapping flange trim (F) neatly closes off drywall opening. Note: For all drywall installations, fixtures must be installed prior to ceiling. Grid ceiling option (G): flange sits on grid system, or tiles and cross tees can rest on flange. Ceiling side of N5 housing must be supported by threaded rod by others. Ceiling side of F or G housings must be supported by either wire supports or threaded rod by others. Lengths of 8-ft. and less to use one housing with two ends pre-installed. Lengths over 8-ft. will be engineered to job requirements using multiple housings with one end pre-installed at each row end. Lengths over 8-ft. will include appropriate job required quick-connect plug-thru wire harnesses and housing joiners.

OPTIONAL FULLY ILLUMINATED TELESCOPING END-SLEEVE

New optional feature allows on-site luminaire length adjustability from +5.75" to -6". Contact factory for details. Standard telescoping unit is 36" nominal length. Please consult factory for telescoping unit using the WG lens.

CERTIFICATE OF SAFETY COMPLIANCE AND LISTINGS

Luminaire: UL and CUL listed 1598 and bears their label. Suitable for damp locations. IC rated. Optional: Suitable for wet locations marking is available. Some limitations apply. Contact factory for all details. CCEA option meets the City of Chicago Environmental Air Specification - Except the TEL version

WARRANTY

5-year limited warranty is standard. Special 10-year warranty available on a job-to-job basis. Complete LED warranty terms available at www.mercltg.com Actual performance may differ as a result of end-user environment and application. Most LED luminaires are suitable to operate in ambient temperatures from -20C (-4F) to 25C (77F). The following exclusions apply: Luminaires with standby lighting option, integral lighting controls options, or wireless control options. Consult factory. LM-79 testing was measured under a controlled 25C (77F) ambient operating temperature.