HYLYTR
HYRP | PERIMETER RECESSED

SPECIFICATIONS

PROFILE	2.5" Aperture
SIZES	Available in sections of 2ft or more
LED OUTPUT	426lm/ft - 2131lm/ft, 330 cd/W
CCT/CRI	2700K/3000K/3500K/4000K • 90+ CRI
DIMMING/ DRIVER	Integral Driver: 0-10V, DALI, DMX, eldoLED, Lutron®, PoE (Molex, Igor, NuLEDS). Dimming to 0% for select models.
POWER	6.3W - 31.3W per ft
INPUT	120VAC, 277VAC, or 347VAC
TELESCOPING	Optional telescoping feature for extending runs in field up to 3”.
BACKWALL	Backwall feature to add texture continuity from finished wall into ceiling cavity
FINISHES	Satin White or Black Finish. 16 other standard finishes and custom finishes available upon request.
MATERIAL	6063-T5 Extruded Aluminum
ENVIRONMENT	Dry or damp locations
WELL	See page 6 for recommended options that contribute to meeting the WELL Building Standard™.

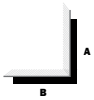
*Safety and Performance information available on last page. Output and other specifications available on page 7.

DISTRIBUTIONS & PROFILES

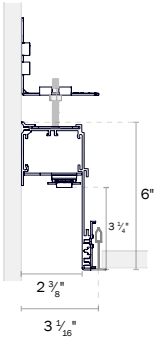
WALL GRAZE

Straight Run

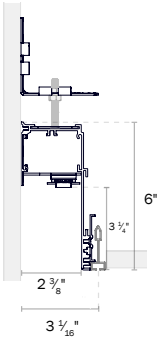
Inside Joint L or U Shape



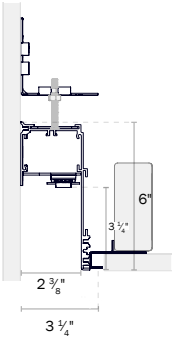
Outside Joint L or U Shape



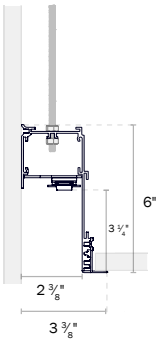
T-GRID



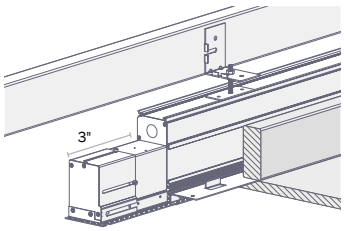
SLOT



MUD-IN



TRIM



TELESCOPING FEATURE

Not to scale. Dimensions are nominal. Consult factory for CAD drawing

Intertek · enlighted · COOPER · igor · nLIGHT · PoE Ready · molex · NuLEDs · VIVE by LUTRON

ALW

PRODUCT SPECIFICATION SHEET

1	2	3	4	5a	5b	5c	6	7	8	9a	9b	9c	9d
—	—	—	—	—	—	—	—	—	—	—	—	—	—

EXAMPLE: HYRP — M — S5 — WTW — MED/90/3500K — V00 — SW — UNV — EMB/1 — OS/1 — CP — 6FL
1 2 3 4 5 6 7 8 9A 9B 9C 9D

1. BASE MODEL (CHOOSE 1)

- ☐ **HYRP** Hylytr Recessed Perimeter
- ☐ **HYRP/B**[1] Hylytr Recessed Perimeter W/Backwall

[1]Backwall feature recommended for use in applications where (1) wall texture does not continue into recessed opening and/or (2) when additional glare reducing optics are needed.

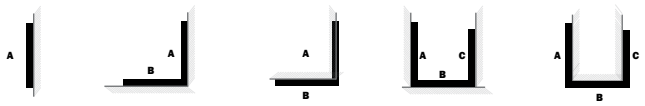
2. CEILING TYPE (CHOOSE 1)

- ☐ **M** Mud-in
- ☐ **TM** Trim
- ☐ **TG9** 9/16" T-Grid
- ☐ **TG15** 15/16" T-Grid
- ☐ **SL** Slot

3. SHAPE/LENGTH* (CHOOSE 1 & ENTER LENGTH IN FT) - FOR CUSTOM ANGLES, CONTACT ALW

- ☐ **S__** Individual/Straight Run Section *(enter length in product code above, ex. S5)*
- ☐ **LI_-_** L-Shaped, Inside Joint Configuration *(enter side lengths A and B, ex. LL5-7)*
- ☐ **LO_-_** L-Shaped, Outside Joint Configuration *(enter side lengths A and B, ex. LR5-7)*
- ☐ **UI_-_-_** U-Shaped, Inside Joint Configuration*(enter side lengths A, B, and C, ex. U5-7-4*
- ☐ **UO_-_-_** U-Shaped, Outside Joint Configuration*(enter side lengths A, B, and C, ex. U5-7-4)*

*Lengths greater than 8' consist of multiple individual housing sections joined together for the entire straight/linear run. Lengths are nominal and may vary based on lamping and other specification selections. Consult ALW when exact lengths are required.
*Shape orientation top/plan view. For additional shape configurations, consult factory.

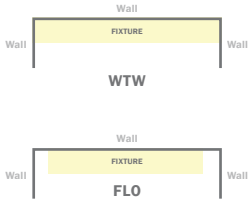


(S) (LI) (LO) (UI) (UO)

4. RUN PLACEMENT (CHOOSE 1)

- ☐ **WTW**[2] Wall to wall run
- ☐ **FLO** Floating run

[2]Recommended for use when wall to wall run is desired. Adjustable telescoping feature added to one end of run for field adjustment up to 3".



5. LED LAMPING (CHOOSE 1 FOR EACH)

A. OUTPUT[3]
- ☐ **MIN** (426 lm/ft)
- ☐ **LOW** (853 lm/ft)
- ☐ **MED** (1279 lm/ft)
- ☐ **HI**[4] (1705 lm/ft)
- ☐ **MAX**[4] (2131 lm/ft)
- ☐ **CSTM____**[5] (Enter lumens in product code above. Ex. 0100=100lm/ft)

B. CRI
- ☐ **90**

C. CCT
- ☐ **2700K**
- ☐ **3000K**
- ☐ **3500K**
- ☐ **4000K**

[3]For recommended wall heights as well as delivered lumens and watts, see 'Performance Details'
[4]HI and MAX output only available with standard 0-10V drivers.
[5]Consult ALW for custom lumen packages.

6. DRIVER* (CHOOSE 1)

- ☐ **V00** (0-10V, dim to 0%)
- ☐ **V01** (0-10V, dim to 1%)
- ☐ **V05** (0-10V, dim to 5%)
- ☐ **LDE1** (Lutron ECOSYS1, 0-10V, dim to 1%)
- ☐ **ELDV0** (eldoLED, 0-10V, dim to 0%)
- ☐ **DALI** (DALI, dim to 0%)
- ☐ **DMX** (DMX, dim to 0%)
- ☐ **POEM** (POE Molex)
- ☐ **POEI** (POE IGOR)
- ☐ **POEN** (POE Nuleds)
- ☐ **POE**[6] (POE Ready)

*Driver specifications provided upon request. See page 8 for driver details.
*Refer to all 'Driver', 'Sensor' and lamping charts for compatibility.
[6]Choose desired PoE solution not listed. Contact customer service to review and confirm the PoE system of your choice.

7. FINISH* (CHOOSE 1)

- ☐ **SW** Satin White (default)
- ☐ **SB** Satin Black

*For additional color options, contact ALW.

8. VOLTAGE (CHOOSE 1)

- ☐ **UNV** Universal Voltage (120VAC-277VAC)
- ☐ **347** 347 Volt *(Driver options may be limited. Not available with EMB)*

9a. EMERGENCY OPTIONS (OPTIONAL, CHOOSE 1)

- ☐ **N** None
- ☐ **EMB/__**[7] Emergency Battery *(indicate QTY — each battery powers 4ft. section @ 1492lm. Not available in 347 V)*
- ☐ **EMC/__**[7] Emergency Circuit *(indicate QTY of 4ft sections to be illuminated by emergency circuit)*

[7]For fixtures under 4ft in length, entire fixture will be illuminated with a proportional lumen output. Consult ALW for more details.

9b. SENSOR OPTIONS* (OPTIONAL, CHOOSE 1)

- ☐ **N** (None)
- ☐ **WLNX/__** (Cooper Wavelinx, remote)
- ☐ **ENLGHT/__** (Enlighted, remote)
- ☐ **FCJS/__** (Lutron, remote)
- ☐ **FCJS/S/__** (Lutron, remote occ/daylight sensor)
- ☐ **MLX** (Molex POE, remote)
- ☐ **NLT** (nLight wired remote connection)
- ☐ **NLTAIR** (nLight AIR, remote connection)
- ☐ **OS/PH/HV/__** (Hubbel WASP remote occ/daylight sensor)

*Default quantity is 1 sensor per 8ft, type alternate quantity into product code above if desired. Sensor descriptions available on page 9.
*Not all sensors are compatible with all drivers. See 'Driver', 'Sensor' and lamping charts for driver details and sensor compatibility.
[8]Limitations apply for driver and lumen output combinations. Consult factory for additional information.

9c. CERTIFICATION OPTIONS

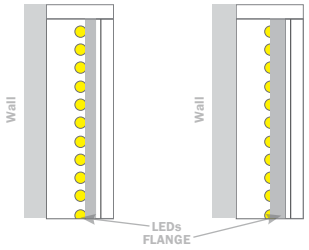
- ☐ **N** None
- ☐ **CP**[9] Chicago Plenum Certification

[9]Not available with wall to wall (WTW) Telescoping option.

CONTINUES ON NEXT PAGE →

9d. ADDITIONAL OPTIONS

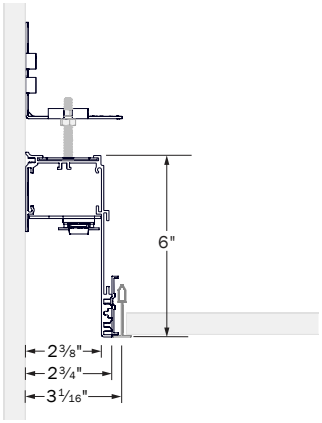
- ☐ **N** Standard Flange
- ☐ **6FL** 65” Flange, recommended for applications where light on horizontal surfaces “i.e. Banquette seating” is avoided



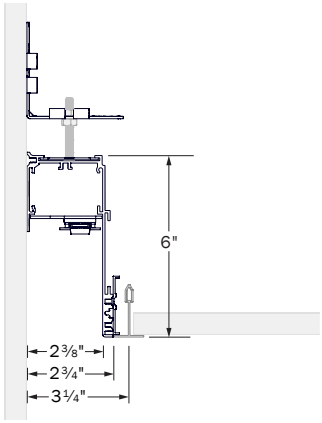
STANDARD FLANGE

.65 FLANGE

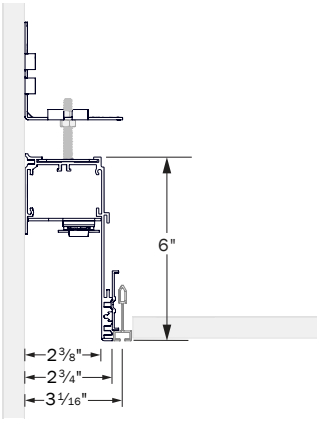
MECHANICAL DIAGRAMS



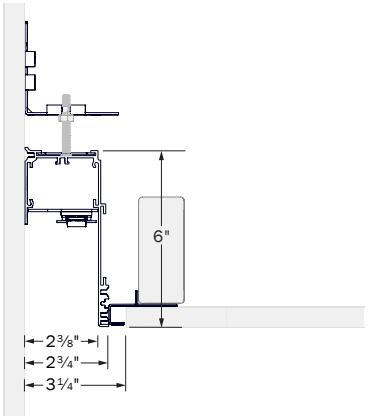
HYRP-TG
9/16" TGRID



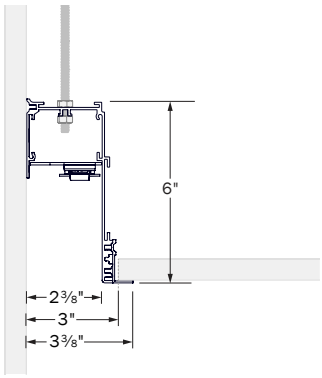
HYRP-TG
15/16" TGRID



HYRP-SL
SLOT

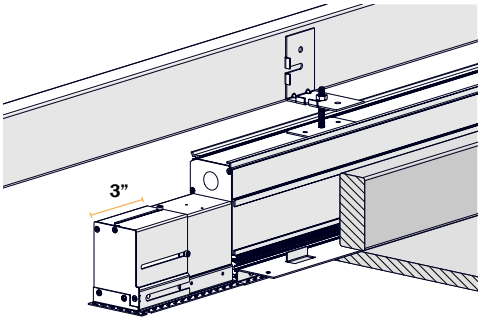


HYRP-M
MUD-IN



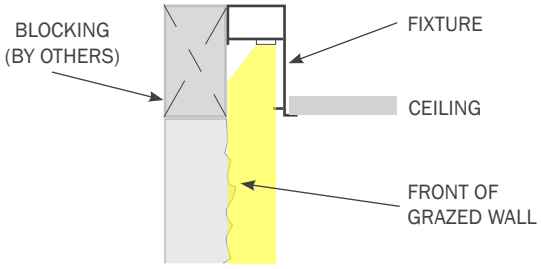
HYRP-TM
TRIM

TELESCOPING FEATURE



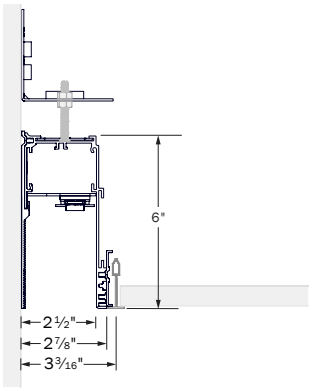
Telescoping feature enables 3" field adjustment to end of fixture run. Recommended for use with wall-to-wall (WTW) runs.

WALL TEXTURES THICKER THAN FIXTURE

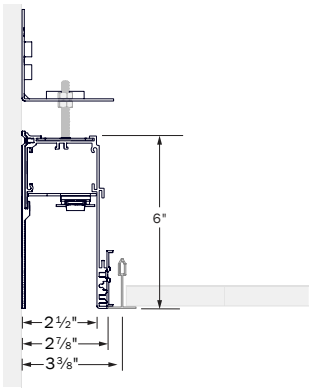


For wall textures that protrude beyond the fixture width, a blocking must be provided behind the fixture to ensure the back of the fixture is flush with the front of the surface being grazed.

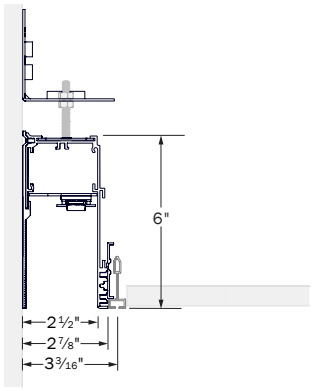
MECHANICAL DIAGRAMS CONT'D



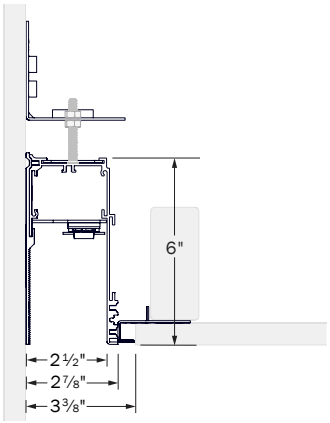
HYRP/B-TG
9/16" TGRID
WITH BACKWALL



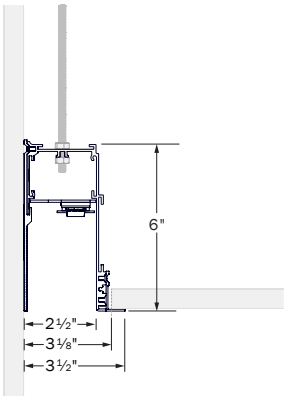
HYRP/B-TG
15/16" TGRID
WITH BACKWALL



HYRP/B-S
SLOT
WITH BACKWALL

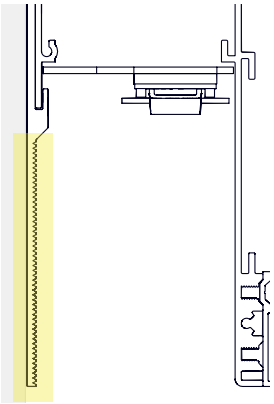


HYRP/B-M
MUD-IN WITH BACKWALL



HYRP/B-TM
TRIM WITH BACKWALL

BACKWALL FEATURE



Backwall (HYRP/B) feature recommended for use in applications where (1) wall texture does not continue into recessed opening and/or (2) additional glare reduction is needed.

SPECIFYING FOR THE WELL BUILDING STANDARD™ - WELL™

ALW is committed to providing the highest quality luminaires for a multitude of applications, with many versatile lighting solutions that contribute to satisfying the WELL Building Standard. Below is a quick guide to assist you in specifying appropriate product configurations for WELL features. Links to official WELL standards can be found here.

ELECTRIC LIGHT QUALITY - PART 1: COLOR RENDERING QUALITY + PART 2: FLICKER

FEATURE L07

Using light sources that have characteristics similar to daylight, including high color rendering and minimal flicker can improve comfort and well-being of users in a space and contribute to creating a healthy environment.

Part 1: Each luminaire must meet one of the following requirements (a or b) for regularly occupied spaces.
Part 2: Each luminaire must meet the IEEE 1789-2015 Standard Recommended Practice to manage flicker.

PART 1 - ENSURE COLOR RENDERING QUALITY (1PT MAX)	COMPLIANT	VALUE	HOW TO SPECIFY
a. CRI > 90	✓	CRI = 90	• Select **90** (90CRI) for **LED LAMPING**
b. CRI > 80 with R9 > 50	✓	CRI = 90, R9 = 92	• Select **ANY CCT** for **LED LAMPING**
c. IES Rf ≥ 78, IES Rg ≥ 100, -1% ≤ IES Rcs, h1 ≤ 15%	No	-	-
PART 2 - MANAGE FLICKER (1PT MAX)	**COMPLIANT**	**VALUE**	**HOW TO SPECIFY**
Meets IEEE 1789-2015 Standard Recommended Practice	✓	Modulation = 1% Flicker Frequency = 120 - 2000Hz	• Select **V00, V01, LDE1, DALI** or **DMX** for **LED DRIVER**

PERFORMANCE DETAILS

OUTPUT[10]	MAX INTENSITY CD/FT	WATTS/FT[11]	EFFICACY CD/W/FT	DELIVERED LUMENS/FT	EFFICACY LM/W	RECOMMENDED WALL HEIGHT[12]	CRI	CCT OPTIONS
MIN	2069	6.3	330	426	68	up to 14 ft	90	2700K 3000K 3500K 4000K
LOW	4138	12.5		853				
MED	6206	18.8		1279		15 - 25 ft		
HI	8275	25.0		1705				
MAX	10344	31.3		2131		25 - 40 ft		

[10] *Performance calculations are based on LM-79 test of MAX output at 90 CRI and 4000K.*
Values above are sourced from a Standard Flange configuration.
For custom .65" flange (6FL) configurations, expect up to 10.2% light loss in comparison to Standard Flange output.
[11] *Lumens/Watt and Watts/ft have been calculated assuming a driver efficiency of 85%. Depending on field conditions, actual measured values may fluctuate by 5-8%.*
[12] *Recommended wall heights calculated in AGI with 20' wide wall and standard 80/50/20 room reflectances.*

TM-30-18 DETAILS (90 CRI LAMPING)

CCT	CRI (Ra)	CRI (R9)	TM-30 Rf	TM-30 Rg	Duv
2700K	91	92	92	101	-0.0036
3000K	93	71	93	101	0.0039
3500K	92	73	92	101	0.0039
4000K	95	84	93	100	0.0037

DRIVERS

PRODUCT CODE	DESCRIPTION
V00	0-10V dimming down to 0% (dim to off).
V01	0-10V dimming down to 1%.
V05	0-10V dimming down to 5% (Down to 10% for TUNE lamping).
LDE1	(LDE1) Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology.
ELDV0	eldoLED 0/10V dimming down to 0% (when choosing nLight Air Integral sensors a compatible eldoLED LEDcode version will be specified)
DALI	DALI flicker-free dimming down to 0%.
DMX	DMX flicker-free dimming down to 0%.
POEM	Molex CoreSync PoE LED Driver. Contact ALW to assist with your project.
POEI	IGOR PoE LED Driver. Contact ALW to assist with your project.
POEN	NuLEDS PoE LED Driver. Contact ALW to assist with your project.
POE	Specify a PoE driver of your choice. Fixture comes with low voltage leads and no LED driver. Contact ALW to assist with your project

*Most drivers can be programmed to specific dimming levels if desired. Contact ALW for specific dimming level requests.
ALW lighting fixtures are intended for use with a wide range of sensors, lighting controls, LED drivers, and building management systems. If there are specific components required for your application that aren't listed on this spec sheet, please contact ALW customer support today to specify a compatible solution of your choice.

DRIVER/LED LAMPING COMPATIBILITY			
	STD	CA TITLE 24 JA8/JA10[13]	IEEE P1789 & HD TV STUDIO[14]
V00	●	●	
V01	●	●	
V05	●	●	
LDE1	●	●	●
ELDV0	●	●	●
DALI	●	●	
DMX	●	PER REQUEST	PER REQUEST
POEM	PER REQUEST	●	●
POEI	PER REQUEST	●	●
POEN	PER REQUEST	●	●

● - Indicates compatibility

*Standard lamping (STD) - MIN/LOW/MED/HI/MAX

[13]Fixtures specified with 90CRI 2700K, 3000K, 3500K, and 4000K lamping with applicable LED drivers have the ability to conform to California Title 24 JA8 and JA10 Appendices

[14]The following drivers conform to IEEE P1789 Flicker Standard: 'IEEE Recommended Practices for Modulating Current in High-Brightness LEDs for Mitigating Health Risks to Viewers'. These drivers may also be installed in HD TV Studio applications utilizing high frequency camera equipment.

SENSORS

	PRODUCT CODE	DESCRIPTION	Location
	N	None. Choose when sensors are not desired.	-
COOPER	**WLNX**	Fixture is built with 0/10V wiring to connect to Wavelinx Wireless sensors and power/relay packs (sensors and equipment not provided by ALW)	Remote
ENLIGHTED™	**ENLGHT**	Enlighted® remote connected lighting smart sensor - occ/daylight/networking (Enlighted Part: SU-5S-H-CL)	Remote
LUTRON VIVE	**FCJS**	Lutron® Vive remote RF wireless fixture control (Lutron Part: FCJS-ECO or FCJS-010)	Remote
	FCJS/S	Lutron® Vive remote RF wireless fixture control + daylight/occ sensor (Lutron Part: FCJS-ECO or FCJS-010, & FC-Sensor)	Remote
MOLEX POE CORESYNC	**MLX**	Molex PoE sensors for use with Molex/PoE drivers. Customer will need to determine who to purchase PoE equipment from	Remote
NLIGHT WIRED®	**NLT**	Fixture is built to connect to nLight Wired remote components specified by agency. Contact ALW to review project details.	Remote
NLIGHT WIRELESS®	**NLTAIR**	Fixture is built to connect to nLight Air (Wireless) remote components specified by agency. Contact ALW to review project details.	Remote
VALUE SENSORS	**OS/PH/HV**	*Hubbell WASP* **High Voltage** *0-10V remote surface mount occ/daylight sensor. 120/277/347VAC input (Hubbell Part: WSPDSMUNV)* *Automated Dimming Functionality: Connect fixture 0/10V wires to sensor in the field. Adjust occ/photocell settings as desired.* *On/Off or Manual Dimming Functionality: Turn photocell functionality OFF. Cap off 0/10V wires on sensor.* *Connect fixture 0/10V wires to wall dimmer in the field.*	Remote

*All connected lighting sensors/systems must be programmed in the field by an electrical commissioner familiar with the system. Refer to the 'Sensor Compatibility' and 'Driver/Sensor Compatibility' charts to specify compatible sensors, LED lamping, and LED driver systems.

SENSOR COMPATIBILITY					
PRODUCT CODE		SENSOR TYPE	MAX SENSOR MT HT	CA TITLE 24	STD*
COOPER WAVELINX	**WLNX**		15 ft	●	●
ENLIGHTED™	**ENLGHT**	OCCUPANCY/PHOTOCELL	40 ft	●	●
LUTRON VIVE	**FCJS**	WIRELESS CONTROL	12 ft	●	●
	FCJS/S/	OCCUPANCY/PHOTOCELL	12 ft	●	●
MOLEX POE CORESYNC	**MLX**		16 ft	●	●
NLIGHT WIRED®	**NLT**		15 ft	●	●
NLIGHT WIRELESS®	**NLTAIR**		15 ft (average)	●	●
VALUE SENSORS	**OS/PH/HV**	OCCUPANCY/PHOTOCELL	45 ft	●	●

● - Indicates compatibility ■ - On/off sensor functionality only

*Standard lamping (STD) - MIN/LOW/MED/HI/MAX

SENSORS CONT'D

DRIVER/SENSOR COMPATIBILITY									
	WLNX	ENLGHT	FCJS	FCJS/S	MLX	NLT	NLTAIR	OS/PH/HV	NO SENSOR
V00	●		●	●				▲	●
V01	●		●	●				▲	●
V05	●		●	●				▲	●
LDE1			●	●					●
ELDV0						●	●		
DALI		●						■	●
DMX								■	●
POEM					●				●
POEI	Sensor types will depend on the PoE system configuration. Contact ALW for details.								
POEN	Sensor types will depend on the PoE system configuration. Contact ALW for details.								
POE	Sensor types will depend on the PoE system configuration. Contact ALW for details.								

● - Indicates compatibility
▲ - Fixture can have automated dimming via sensor OR on/off functionality and manual dimming
■ - On/off sensor functionality only

ADDITIONAL OPTIONS & SPECIFICATIONS

LED PERFORMANCE

> 90,000 hours at 70% lumen maintenance, LM80 / TM-21

HOUSING

100% recyclable, extruded architectural grade 6063-T5 aluminum with a 0.09” minimum wall thickness.

SAFETY & REGULATORY

Fixtures specified with 90CRI, 2700K, 3000K, 3500K, and 4000K lamping with applicable LED drivers have the ability to conform to **California Title 24 JA8 and JA10** Appendices. EldoLED drivers can conform to IEEE P1789 Flicker Standard: ‘IEEE Recommended Practices for Modulating Current in High-Brightness LEDs for Mitigating Health Risks to Viewers.

Contact ALW customer support today and we can help you with your project requirements

ETL Listed (U.S. & Canada). Suitable for dry or damp locations.
Conforms to UL std. 1598, Luminaires.
Certified to CSA std. C22.2#250.0:2008 Ed. 3+G1;G2.

WARRANTY

Limited 11-year warranty. Details: alw-inc.com/warranty

OPERATING TEMPERATURE

Luminaire should be installed and operated ONLY in dry environments where the ambient temperature ranges from -4°F to 122°F (-20°C to 50°C). Luminaire operation in environments outside the listed temperature range voids the warranty AND may damage the product or adversely impact lamp life, lumen output and color consistency.

CONTROLS, SENSORS, & LED DRIVER

ALW lighting fixtures are intended for use with a wide range of sensors, lighting controls, LED drivers, and building management systems. Our component portfolio is continually expanding to adopt to the latest technologies and specification needs. We currently support integration with Lutron, Enlighted, nLight, Cooper Wavelinx, eldoLED, Molex PoE, NuLEDS PoE, Igor PoE, Osram, Philips, and more. If there’s a component or system needed that you don’t see on the spec sheet please contact ALW customer support today so we can review your requirements.

WEIGHT

Approximately 4lbs. per linear foot. Weight may vary depending on additional options selected.

CHICAGO PLENUM

Recessed fixtures for this product family are available to meet Chicago Plenum certification.