

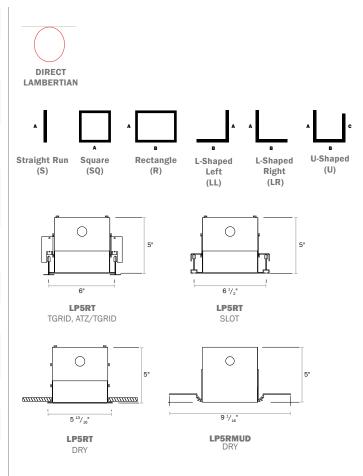


SPECIFICATIONS

PROFILE	5" Aperture
SIZES	Configurable in linear shapes and straight run sections
LED OUTPUT	Linear: 600 - 1050 lm/ft Downlights: 800 - 1500 lm/ft
CCT/CRI	2700K/3000K/3500K/4000K • 80 or 90 CRI
DIMMING/ DRIVER	Integral and Remote driver: 0-10V, DALI, DMX, eldoLED, Lutron®, PoE (Molex, Igor, NuLEDS). Dimming to 0% for select models.
POWER	Linear: 5.3 - 9.1 w/ft Downlights: 5.1 - 10.5 w/spot
INPUT	120VAC, 277VAC, or 347VAC
OPTICS	Direct lambertian
FINISHES	16 standard finishes available at no extra charge Custom finishes available
MATERIAL	6061 Extruded Aluminum
ENVIRONMENT	Dry or damp locations

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

DISTRIBUTIONS & PROFILES



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















ODUCT SUBMITTAL WORKSHEET

EXAMPLE: LP5RT – DRY – SQ25 – LOW/80/3000K – DMX – EXT/F – N – SNT – N – N – SW – UNV – EMB/4 – WLNX 5 6 7 8 9 10 11 12 13a 13b

1. BASE MODEL (CHOOSE 1) LP5RT 5" Trimmed with Flush Lens LP5RTRL 5" Trimmed with Regressed Lens **LP5RMUD¹** 5" Trimless, Mud-in with Flush Lens LP5RHF 5" Trimless, Hidden-flange with

Flush Lens

¹Compatible only with DRY ceiling type ²Not compatible with DRY ceiling type

2. CELLING TYPE (CHOOSE 1)

DRY **TGRID** T-Grid SLOT Slot

ATZ/TGRID3,4 Armstrong® T-Grid ATZ/SLOT^{3,4} Armstrong® Slot (Not Compatible only with LP5RT base model)

3Fits Armstrong 4" TechZone All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them

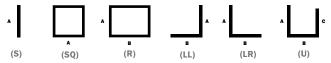


s__ Individual/Straight Run Section (enter length in product code above, ex. S5) sq__ Square Configuration (enter side length A, ex: SQ5)

 $\textbf{3. SHAPE/LENGTH} \ (\texttt{CHOOSE 1} \ \& \ \texttt{ENTER} \ \texttt{LENGTH} \ \texttt{IN} \ \texttt{FEET}) - \texttt{FOR} \ \texttt{CUSTOM} \ \texttt{ANGLES}, \ \texttt{CONTACT} \ \texttt{ALW}$

R__ Rectangular Configuration (enter side lengths A and B, ex. R5-7) LL_-_ L-Shaped, Left Configuration (enter side lengths A and B, ex. LL5-7) LR_-_ L-Shaped, Right Configuration (enter side lengths A and B, ex. LR5-7) U_-_-U-Shaped Configuration (enter side lengths A, B, and C, ex. U5-7-4)

Lengths are nominal and may vary based on lamping and other specification selections. Consult ALW when exact lengths are required.
Shape orientation (Looking from the Ceiling down to the floor).



7. LLD	LAMII IIVG	(OI IOOSE	1 FOR EACH)	
A. OUTF	PUT	B. CRI ⁵	C. CCT 6	

2700K (90 CRI Only) **LOW** (600 lm/ft) MED (825 lm/ft) 90 3000K HI (1050 lm/ft) 3500K TUNE (2700K-6500K, 80CRI) 4000K

RGB (122lm/ft)

RGBW (White Chip: 3500K, 80CRI) _ (Custom. Enter lumens

in product code above Ex. 0100=100lm/ft)

CRI not applicable for TUNE, RGB, or RGBW lamping.
 CCT not applicable for TUNE, RGB, or RGBW lamping.

5. 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%)

TSERIES (Lutron tuneable white)

DALI (DALI, dim to 0%) DMX (DMX, dim to 0%)

POEM (POE Molex)

POEI (POE IGOR) POEN (POE Nuleds)

POE7 (POE Ready)

See 'Driver', 'Sensor' and lamping charts for driver details and sensor compatibility.
request to assist with control system integration.

Choose desired PoE solution not listed. Contact customer service to review and confirm the PoE system of your

EXT/F

6. LENS

Extra diffuse, flush

N No Downlights A. SPOT B. CRI C. CCT **DL800** (800 lm) 80 90 **DL1000** (1000 lm) **DL1500** (1500 lm)

7. ACCENT — DOWNLIGHT (CH. 1 FOR EACH)

2700K

3000K

3500K

4000K

D. BEAM SPREAD

25 40

8. ACCESSORY — ACCENT DOWNLIGHT (CH. 1)

N (None)

HEX (Hexcell Louver)

SNT (Snoot)

HEXSNT (Hexcell Louver and Snoot)



LOUVER



9. DRIVER — ACCENT DOWNLIGHT

N (None) ____ (Same as Driver - Primary)

Select none or same driver as step 5. 'See 'Driver', 'Sensor' and lamping charts for driver details and sensor compatibility.

10. QUANTITY - ACCENT DOWNLIGHT (CHOOSE 1) 11. FINISH* (CHOOSE 1)

(None)

Enter total quantity of downlights per run length. (Maximum 1x for 2-3ft., 2x for 4-5ft., and 3x for 6-8ft.)

STANDARD FINISHES SW Satin White

SB Satin Black

AS Aluminum Silver Anodized Effect

TB Textured Black

PREMIUM FINISHES

See chart on page 5 for premium finishes. Manually type in the finish code (Ex: OB = Oil-Rubbed Bronze)

SPECIAL ORDER FINISHES*

RAL Specify RAL Classic Color (Ex: RAL 3003)

Custom Color Match

Manually type in the finish code for special order

CONTINUES ON NEXT PAGE

ССМ



PRODUCT SUBMITTAL WORKSHEET -

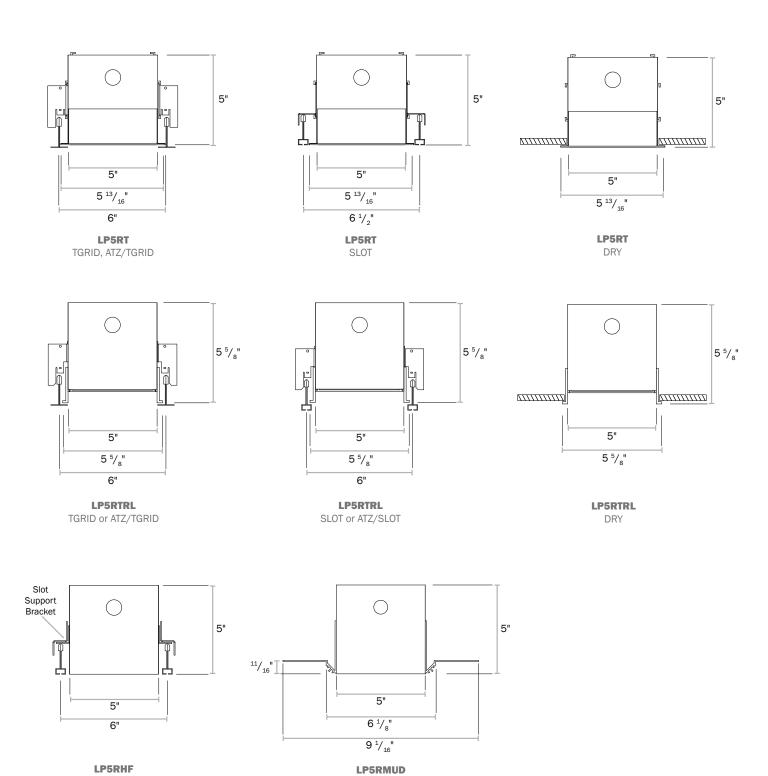
12. VOLT	AGE (CHOOSE 1)	13a. EMERG	ENCY OPTIONS (OPTIONAL, CH. 1)	13b. SENSOR OPT	TIONS* (OPTIONAL, CHOOSE 1)		
UNV 347	Universal Voltage (120VAC-277VAC) 347 Volt (Driver options may be limited. Not available with EMB)	EMB/8 EMC/8	Emergency Battery (indicate QTY — each battery powers 4ft. section @ 1492lm. Not available in 347 V) Emergency Circuit (indicate QTY of 4ft sections to be illuminated by emergency circuit)	N WLNX/INT/_ WLNX/_ ENLGHT/_ ENLGHT/INT/_ VRF/_ VDO/_	(None) (Cooper Wavelinx, integral) (Cooper Wavelinx, remote) (Enlighted, remote) (Enlighted, integral) (Lutron Vive, integral) (Lutron Vive, integral+ occ/	NLTAIR	(Molex POE, remote) (nlight wired, integral occ/ daylight sensor) (nLight wired remote connection) (nLight AIR, integral) (nLight AIR, remote connection) (Acuity 0-10VDC integral occ/
		⁸ Consult ALW fo	or available options.	FCJS/ FCJS/S/	daylight sensor) (Lutron, remote) (Lutron, remote + occ/ daylight sensor)		daylight sensor) (Legrand Wattstopper High Voltage integral occ/daylight sensor) (Hubbel WASP remote occ/
				MLX/INT/	(Molex POE, integral)		daylight sensor)

Quickship availability on occupancy and photocell/daylight sensors may vary. Contact ALW for more information.

Default quantity is 1 sensor per 8ft, type alternate quantity into product code above if desired. Sensor descriptions available on page 7.

Not all sensors are compatible with all drivers. See 'Driver', 'Sensor' and lamping charts for driver details and sensor compatibility.

MECHANICAL DIAGRAMS



DRY

TGRID, ATZ/TGRID,

SLOT, or ATZ/SLOT



FINISHES

Standard finishes are available at no additional charge.

STANDARD FINISHES



PREMIUM FINISHES

BASIC POWDER COAT



SATIN ANODIZED EFFECT POWDER COAT



Contact ALW Quotes for sample paint finish swatches.

METALLIC POWDER COAT



GLOSS POWDER COAT (80-95% GLOSS)



SPECIAL ORDER FINISHES*



RAL CLASSIC COLORS (80-95% GLOSS): RAL____

Most RAL Classic Colors are available for a minimum setup fee. On your specification submittal choose your RAL color by entering the 4-digit RAL code (Ex: RAL 3003). See www.alw-inc.com/resources/finishes



CUSTOM COLOR MATCH: CCM____

Custom powder coat color matching is available for a premium setup fee. Consult ALW for additional information.

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^{*}An individual setup fee will apply to each unique Special Order Finish per purchase order. (ex: RAL 5023 and RAL 2008 are specified for multiple line items on a purchase order. 2x setup fees will apply)

^{*}Printed or on-screen colors are only approximations - consult actual Color Chip Set before specifying



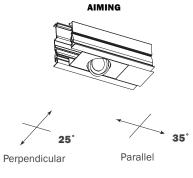
PERFORMANCE DETAILS - DIRECT OR INDIRECT LAMPING -

OUTPUT	DELIVERED LUMENS (LM/FT)	WATTS (W/FT)	EFFICACY (LM/W)	CRI OPTIONS	CCT OPTIONS	
LOW ⁹	600	5.3			07001/ (00001 0 1)	
MED ⁹	825	7.2	Up to ~115	80 90	2700K (90CRI Only) 3000K 3500K 4000K	
HI ⁹	1050	9.1				
TUNE	WW: 416 CW: 458 Total: 874	8.8	Up to ~104	N/A	2700K-6500K	
RGB ¹⁰	RGB: 122	4.4		14/1	N/A	
RGBW ¹⁴	RGB: 122 RGB+W: 317 White Only: 195	4.4	N/A	80 (White Chip)	3500K (White Chip)	

Performance calculations are based on the following LM-79 test: 4000K, 80CRI, HIGH output. MED and LOW values are extrapolated distributions.
 Performance calculations are derived from LM-79 test with all RGB LEDs illuminated (Red, Green, Blue).

PERFORMANCE DETAILS - ACCENT/DOWNLIGHT LAMPING -

SPOT	DELIVERED LUMENS (LM)	WATTS (W)	EFFICACY (LM/W)	CRI	CCT OPTIONS	BEAM SPREAD OPTIONS (DEGREES)
DL800	800	5.1	157			
DL1000	1000	6.7	150	80 90	2700K 3000K 3500K 4000K	25 40
DL1500	1500	10.5	143		4000K	







Downlights are centered in a 7.5" long, hinged panel that opens to provide access for lamp installation, replacement and/or maintenance.

¹¹ Performance calculations are derived from the following LM-79 tests: 1) RGB LEDs illuminated, 2) RGB+W LEDs illuminated, 3) White LED only illuminated.



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.
TSERIES	Lutron T-Series Tunable White Class 2 LED Driver (For use with Lutron Quantum Control Systems)
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	PoE Ready 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	TUNE	RGB	RGB(W)	CA TITLE 24 JA8/JA10 ¹²	IEEE P1789 & HD TV STUDIO ¹³					
V00	•	•			•						
V01	•	•			•						
V05	•	•			•						
LDE1	•				•	•					
TSERIES		•			•	•					
DALI	•	•			•						
DMX	•	•		•	PER REQUEST	PER REQUEST					
POEM		PE	R REQUEST		•	•					
POEI		PE	R REQUEST		•	•					
POEN		PE	R REQUEST		•	•					

- Indicates compatibility
- *Standard lamping (STD) LOW/MED/HI
- 12 Fixtures specified with 90CRI, 3000K, 3500K, and 4000K lamping with applicable LED drivers have the ability to conform to California Title 24 JA8 and JA10 Appendices
- 13The 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.	-
	WLNX/INT	Wavelinx Wireless integral occ/daylight sensor (WaveLinx part: OEM-WAA)	Integral
COOPER WAVELINX	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/INT	Enlighted integral connected lighting smart sensor - occ/daylight/networking (Enlighted Part: SU-5E-CL)	Integral
ENLIGHTED	ENLGHT	Enlighted® remote connected lighting smart sensor - occ/daylight/networking (Enlighted Part: SU-5S-H-CL)	Remote
	VRF	Lutron® Vive integral RF wireless fixture control (Lutron Part: DFCSJ-OEM-RF)	Integral
LUTRON VIVE	VDO	Lutron® Vive integral RF wireless fixture control + daylight/occ sensor (Lutron Part: DFCSJ-0EM-0CC)	Integral
LOTRON 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	MLX/INT	Molex CoreSync PoE Integral Fixture-Mounted Sensor R - occ/daylight/temperature/humidity (Molex Part: 182091-1000)	Integral
CORESYNC	MLX	Molex PoE sensors for use with Molex/PoE drivers. Customer will need to determine who to purchase PoE equipment from	Remote
NLIGHT NLT/INT		Fixture is built with nLight Wired integral components specified by agency. Contact ALW to review project details.	Integral
WIRED®	NLT	Fixture is built to connect to nLight Wired remote components specified by agency. Contact ALW to review project details.	Remote
NLIGHT	NLTAIR/INT	Fixture is built with nLight Air (Wireless) components specified by agency. Contact ALW to review project details.	Integral
WIRELESS®	NLTAIR	Fixture is built to connect to nLight Air (Wireless) remote components specified by agency. Contact ALW to review project details.	Remote
	OS/PH/INT	Acuity 0-10VDC Integral occ/daylight sensor (Acuity Part: MSD 7 ADC WH) Automated Dimming Functionality Only. Manual Dimming not available. Customer to set sensor functionality in the field. Lowest dim level depends on driver.	Integral
VALUE SENSORS	OS/INT/HV	Legrand Wattstopper High Voltage Integral occ/daylight on/off sensor (Part: FS-355) On/Off or Manual Dimming Functionality Only (based on occupancy and daylight). Connect fixture 0/10V wires to wall dimmer in the field. No Automated Dimming available.	Integral
	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.



SENSORS CONT'D —

			SENSOR COMP	ATIBILITY				
PRODUC	CT CODE	SENSOR TYPE	MAX MT HT	CA TITLE 24	STD*	TUNE	RGB	RGB(W)
COOPER WAVELINX	WLNX/INT	OCCUPANCY/PHOTOCELL	15 ft	•	•			
	WLNX		15 ft	•	•			
ENLIGHTED™	ENLGHT/INT	OCCUPANCY/PHOTOCELL	15 ft	•	•	CUSTOM REQUEST		
	ENLGHT	OCCUPANCY/PHOTOCELL	40 ft	•	•	CUSTOM REQUEST		
	VRF	WIRELESS CONTROL	12 ft	•	•			
	VDO	OCCUPANCY/PHOTOCELL	12 ft	•	•			
LUTRON VIVE	FCJS	WIRELESS CONTROL	12 ft	•	•			
	FCJS/S/	OCCUPANCY/PHOTOCELL	12 ft	•	•			
MOLEX POE	MLX/INT	OCCUPANCY/PHOTOCELL TEMPERATURE/HUMIDITY	16 ft	•	•			
CORESYNC	MLX		16 ft	•	•	•	CUSTOM REQUEST	CUSTOM REQUEST
NLIGHT	NLT/INT	OCCUPANCY/PHOTOCELL	15 ft	•	•			
WIRED®	NLT		15 ft	•	•			
NLIGHT	NLTAIR/INT	OCCUPANCY/PHOTOCELL	15 ft	•	•			
WIRELESS®	NLTAIR		15 ft (average)	•	•			
	OS/PH/INT	OCCUPANCY/PHOTOCELL	15 ft		•			
VALUE SENSORS	OS/INT/HV	OCCUPANCY/PHOTOCELL	15 ft	•	•	_		
	OS/PH/HV	OCCUPANCY/PHOTOCELL	45 ft	•	•	_		

^{● -} Indicates compatibility ■ - On/off sensor functionality only

^{*}Standard lamping (STD) - MIN/LOW/MED/HI



SENSORS (CONT'D) —

		DRIVER/SENSOR COMPATIBILITY											
	WLNX/INT WLNX ENLGHT ENLGHT VRF VDO FCJS FCJS/S / MLX/INT												
Voo	•	•					•	•					
V01	•	•					•	•					
V05	•	•					•	•					
LDE1					•	•	•	•					
TSERIES													
DALI			•	•	•	•							
DMX													
POEM									•				
POEI		Senso	r types will de	pend on the P	oE system cor	nfiguration. Co	ntact ALW for	details.					
POEN		Senso	r types will de	pend on the P	oE system cor	nfiguration. Co	ntact ALW for	details.					
POE		Senso	r types will de	pend on the P	oE system cor	nfiguration. Co	ntact ALW for	details.					

_	to although a con-	and the second and the state of	
	indicates	compatibility	

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

	DRIVER/SENSOR COMPATIBILITY CONT'D										
	MLX	NLT/INT	NLT	NLTAIR/INT	NLTAIR	OS/PH/INT	OS/INT/HV	OS/PH/HV	NO SENSOR		
VOO						•	-	A	•		
V01						•		_	•		
V05						•		<u> </u>	•		
LDE1									•		
TSERIES									•		
DALI									•		
DMX									•		
POEM	•								•		
POEI		Senso	r types will de	pend on the Po	E system cor	figuration. Co	ntact ALW for	details.			
POEN		Senso	r types will de	pend on the Po	E system cor	nfiguration. Con	ntact ALW for o	details.			
POE		Senso	r types will de	pend on the Po	E system cor	ifiguration. Coi	ntact ALW for	details.			



PHOTOMETRICS -

ОРТІС	POLAR PLOT (CD)	MTG HEIGHT	LIGHT LEVEL (FC)	SPACING CRITERION (SC) ¹⁴ (0°- 180°) (90°- 270°)	MAX INTENSITY (CD)	OUTPUT (LM/FT)
EXT/F		6 ft	20.4	1.26 1.24	734	1050
		8 ft	11.5			
		10 ft	7.3			
		12 ft	5.1			
		14 ft	3.7			
		16 ft	2.9			

^{*}Photometric calculations based on HI 4000K 80 CRI fixture combination. Actual results may vary in the field. For footcandle and output multipliers refer to the ALW IES File Multipliers Chart

¹⁴Spacing criterion refers to maximum distance luminaires can be spaced to provide uniform illumination on the working plane or surface. Luminaire spacing = Spacing Criterion (SC) x Mounting Height (MH) (ex. 1.14 (SC) x 10' (MH) = 11.4' Luminaire Spacing).



ADDITIONAL OPTIONS & SPECIFICATIONS

LED PERFORMANCE

For standard LOW-HI lampings: L70 > 54,000 hours. Luminous flux +/- 5%.

HOUSING

100% recyclable, extruded architectural grade 6061 aluminum with a 0.08" minimum wall thickness.

LENS OPTIONS

Extruded, twin-layered, high-impact acrylic. EXT is a white and extra diffuse lens with minimal-to-no source visibility. Choose from flush or regressed.

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. Recessed models are Type IC Rated and suitable for installation with direct contact to building insulation.

OPERATING TEMPERATURE

Luminaire should be installed and operated ONLY in 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.

WARRANTY

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

INTEGRAL DOWNLIGHTS

Optional, aimable accent downlights deliver 800-1500 lumens with a beam spread of 25° or 40° . Hex cell (HEX) and snoot (SNT) accessories are also available.



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, EldoLED, nLight, 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.



CHICAGO PLENUM

Recessed fixtures for this product family are available to meet Chicago Plenum certification in continuous lengths up to 8ft. For Chicago Plenum options please contact ALW.

WEIGHT

Approximately 5.5 lbs. per linear foot (not including downlight option). Weight may vary depending on mounting, downlight, and additional options selected.