

CATALOG #: _____

Type: _____

PROJECT: _____



FEATURES

- Sleek design incorporates clean lines, slim styling, and diffused matte acrylic lens
- Attractive source of direct lighting for use in offices, hallways, conference rooms or common areas
- Lift and shift lens allows easy access to internal components
- Companion recessed fixture preserves continuity, see hew.com/LRX
- For use as stand-alone fixture or in continuous rows
- Installer friendly row aligners ensure seamless joining between fixtures
- High-performance, seamless illumination
- 2', 4', 6' and 8' lengths available
- Wireless in-fixture control solutions available
- Made Right Here® in the USA

SPECIFICATIONS

- HOUSING – 20-gauge die-formed and welded, C.R.S.
- SHIELDING – Lift-and-shift flat diffuse matte acrylic, .080" thick.
- FINISH – Textured matte white polyester TGIC powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- ELECTRICAL – High-quality mid-power LED boards. L70 > 50,000 hours per IES TM-21. 50/60 Hz constant current driver.
- MOUNTING – Surface (ceiling) or suspended (hanging hardware required).
- LISTINGS –
 - cCSAus certified as luminaire suitable for dry or damp locations.
 - UL 924 available, see Options.
 - Build America, Buy America (BABA) and Buy American Act (BAA) compliant. Request certification at hew.com/buy-american
- WARRANTY – 5-year limited warranty, see hew.com/warranty

ORDERING EXAMPLE: LRX2S - 4 - L8/835 - DMA - AC/D48 - OPTIONS - CONTROL/DIM - UNV

SERIES	FIXTURE STYLE	ILLUMINATED LENGTH ^[1]	LUMENS ^[2]	CRI	CCT
LRX2	S Surface	Stand-alone – 2', 4', 6' & 8' nominal lengths, fixture ships assembled. Example: 4 = 4'	L4 400lm	8 80	27 2700K
	D Suspended		L8 800lm	9 90	30 3000K
		Row-mount – Lengths specified in 4' increments. Example: 12 = 12'	L12 1,200lm		35 3500K
			L16 1,600lm		40 4000K
					50 5000K

PRODUCT BUILDER

Simplify ordering & layout design with the Williams Linear Product Builder at hew.com/product-builder

SHIELDING	MOUNTING (EXAMPLE: AC/D48) ^[3]			OPTIONS	
DMA Diffuse matte acrylic lens, .080" thick	Prefix	Type	Length	See page 3 for FINISH OPTIONS .	
	AC/ Aircraft cables	D 1" grid & hardpan	24 24"	EM/10W	10-watt emergency battery ^[4]
		N 9/16" grid	48 48"	EM/10WRM	Remote mount 10-watt emergency battery ^[5]
		S Slot grid	96 96"	EM/10WRM/RTS	Remote mount 10-watt emergency battery with regressed test switch ^[6]
				(L__)	Additional lower lumen packages available ^[7] Example: 700 lumens = LRX2-4-L8/835-(L7)
				GEN	Approved for UL 924 emergency generator circuit through-feed wiring ^[8]

CONTROL ^[9]	DRIVER	VOLTAGE
Click HERE for control and sensor options.	See page 3 for ADDITIONAL DRIVER OPTIONS .	120 120V
– None	DIM Driver with external 0-10V dimming wires	277 277V
	DIM1 1% Driver with external 0-10V dimming wires	UNV 120-277V
	DRV Driver without external dimming wires	347 347V ^[10]

NOTES

- Endcaps add 3/16" to overall specified length.
- Lumens per foot output based on 80 CRI/3500K CCT. Actual lumens may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see Options.
- See page 2 for MOUNTING DETAILS.
- Not available with 2' length. Specify CEC in the option code when California Energy Commission regulations are required.
- Max remote distance 50'. Large remote box provided. Specify CEC in the option code when California Energy Commission regulations are required. See page 3 for REMOTE MOUNT BATTERY DETAILS.
- Max remote distance 50'. Large remote box provided. Specify CEC in the option code when California Energy Commission regulations are required. See page 3 for REMOTE MOUNT BATTERY DETAILS.
- Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- Maximum mounting height is 21.5' (6.6 m). Minimum lumen output is 400 lm/ft. See hew.com/UL924 for details. Not available with tunable white.
- Occupancy sensors add 2" to overall fixture length.
- Not available with EM batteries.



LRX2 Surface & Suspended 2" Wide Linear

FIXTURE PERFORMANCE DATA

	PER FOOT		
	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L4	423	4.0	106
L8	807	7.7	105
L12	1219	12.2	100
L16	1606	16.6	97

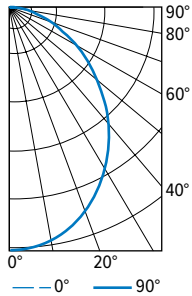
MULTIPLIER TABLE

CCT	COLOR TEMPERATURE	
	80 CRI	90 CRI
2700K	0.97	0.80
3000K	0.99	0.82
3500K	1.00	0.83
4000K	1.03	0.86
5000K	1.06	0.89

- Photometrics tested in accordance with IESNA LM-79. Results based on 80 CRI/3500K CCT, average wattage for 120V through 277V input, and 25°C ambient temperature. Actual performance may vary +/-5%.
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
- Use multiplier table to calculate additional options.

PHOTOMETRY

LRX2D-4-L8/835-DMA Total Luminaire Output: 3228 lumens; 30.8 Watts | Efficacy: 105 lm/W | 80 CRI; 3500K CCT

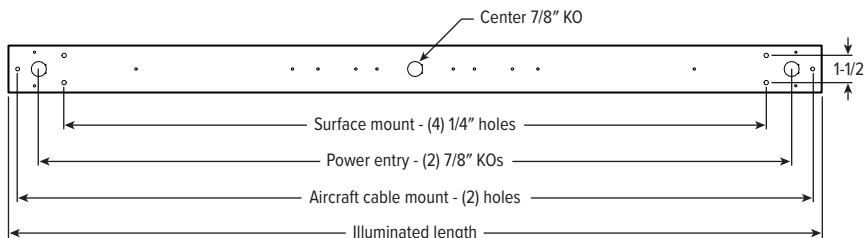


VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1535	1535	1535	
5	1529	1522	1511	144
15	1450	1412	1368	396
25	1299	1216	1138	559
35	1090	978	883	614
45	849	735	641	571
55	608	510	422	459
65	384	303	244	308
75	189	132	103	150
85	42	13	7	27
90	0	0	0	

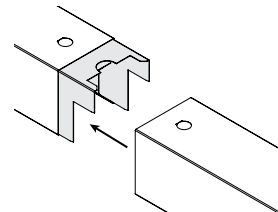
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	1713	53
	0 - 60	2742	85
	0 - 90	3228	100
	0 - 180	3228	100

FIXTURE DETAILS

BACKVIEW

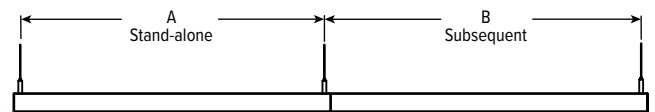


ROW ALIGNMENT SYSTEM



ILLUMINATED LENGTH	SURFACE MOUNT	POWER ENTRY	AIRCRAFT CABLE	
			A	B
2'	24"	17-1/2"	20-1/2"	23"
4'	48"	41-1/2"	44-1/2"	47"
6'	72"	65-1/2"	68-1/2"	71"
8'	96"	89-1/2"	92-1/2"	95"

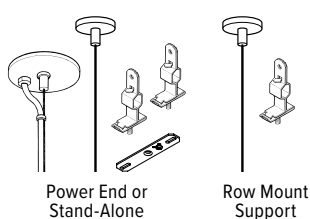
AIRCRAFT CABLE ROW MOUNTING



Note: Endcaps add 3/16" to overall specified length.

MOUNTING DETAILS

STANDARD HARDWARE FOR SUSPENDED PRODUCT (Grid and Hardpan)



Notes:

- Fixtures are provided with adjustable length aircraft cables and mounting hardware, must specify.
- Electrical supply is brought into the feeder fixture, either as part of a row or as a stand-alone unit. Joiner fixtures complete the row.
- The feeder kits are standard with a 5" canopy to cover the junction box and a 2" canopy at the non-feed point. No J-box is required at non-feed points.

CORD FOR SUSPENDED PRODUCT

The linear builder uses the mounting length and driver type to auto-select the necessary cord. See details below. Long fixture rows may require multiple feed points based on 18ga conductor size.

EXAMPLE: S2438D/W				
CORD TYPE	LENGTH	# OF COND.	WIRE SIZE	COLOR
S	24 24" 48 48" 96 96"	3 4 5 ^[1] 6 ^[1]	8D 18ga	/W White /B Black

¹ Includes (2) 22ga purple & pink dimming conductors

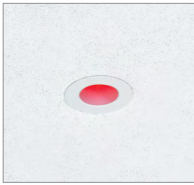


LRX2 Surface & Suspended

2" Wide Linear

REMOTE MOUNT BATTERY DETAILS

EM/10WRM/RTS



Regressed test switch
ø1-3/4"

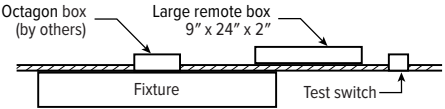
EM/10WRM



Standard test switch
2-3/4" x 4-1/2"

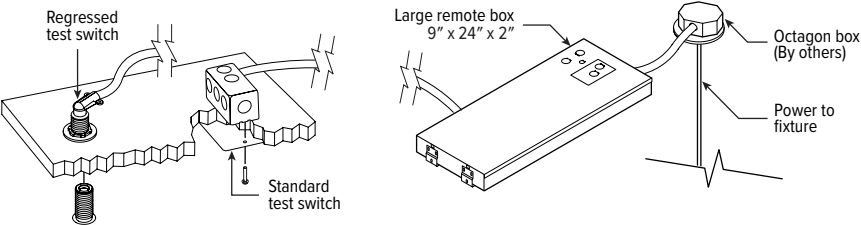
SURFACE

Max remote distance is 50', connection by others.



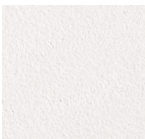
SUSPENDED

Max remote distance is 50', including suspension length, connection by others.

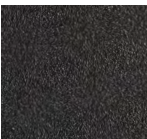


FINISH OPTIONS

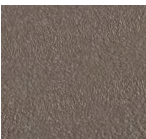
WHITE



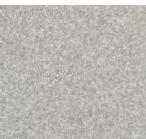
BLACK



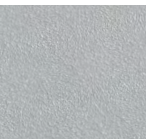
BRONZE



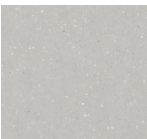
NICKEL



SILVER



ALUM

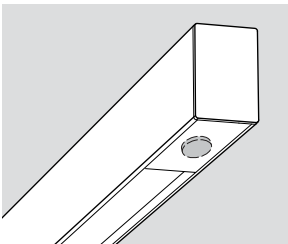


RAL#



For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require four sample swatches, minimum 1" square.

SENSOR & NODE PLACEMENT DETAILS



ADDITIONAL DRIVER OPTIONS

Note: Restrictions may apply, consult product builder at hew.com/product-builder

CATALOG NUMBER	DESCRIPTION
DRV	Driver without external dimming wires prewired for non-dimming applications
DIM	Driver with external dimming wires prewired for 0-10V low voltage applications
DIM1	1% driver with external dimming wires prewired for 0-10V low voltage applications
DIM LINE	Line voltage dimming driver (TRIAC and ELV compatible, 120V only)
DIM TRC	Line voltage dimming driver (TRIAC compatible, 120V only)
DA	Driver with 12V auxiliary power, without external dimming wires (not available with 347V)
DSR	DALI-2 sensor-ready driver without external dimming wires (D4i DALI-2. Not available with 347V.)
DALI	DALI dimming driver
DMX	Driver prewired for DMX applications
SD40	40% step-dimming driver
SD50	50% step-dimming driver
LDE1	Lutron Hi-lume 1% EcoSystem dimming driver
LD2	Lutron DALI-2 digital driver, 1%
DCC	Remote UL Class 2 DC constant current supply, UL- or CSA-listed, by others

