

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

FEATURES

- Uninterrupted ribbon of light for single or row mount applications
- Optional integral emergency battery pack
- Decorative injection molded ABS material endcaps
- Modular replaceable LED boards and driver accessible for future maintenance or upgrades
- Surface mount, stem mount or cable mount
- DLC® (Design Lights Consortium) Qualified, with some Premium Qualified configurations - see www.designlights.org



CONTROLS TECHNOLOGY



SPECIFICATIONS

CONSTRUCTION

- Housing, and wireway are formed from code-gauge steel
- Back of housing knockouts are provided for electrical access and mounting
- Decorative injection molded ABS material endcaps

SHIELDING

- Round frosted acrylic lens offers a smooth appearance and even light distribution

FINISH

- White painted parts are treated with a five-stage phosphate bonding process and finished with high reflectance baked enamel

ELECTRICAL

- Long-life LEDs are rated for 60,000 hours at L80 lumen maintenance
- Driver options include fixed output for on/off function, step dimming (high/low/off), or continuous 0–10V dimming
- Superior drivers and long-life LEDs provide quality illumination for prolonged service life. Drivers < 10% THD at 120V, power factor > 0.95

CONTROLS

- Optional SpectraSync™ offers two modes of tunable white solutions and integrates seamlessly into a variety of control systems
- NX Lighting Controls provides options for standalone and networked integrated sensor with wired or wireless connectivity for NX system deployments

CERTIFICATION

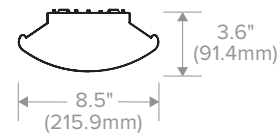
- All luminaires are built to UL 1598 and 2108 standards, and bear appropriate CSA labels.
- Damp location labeling is standard
- CSA certified to UL 924 standards with battery pack or DTS (Dimming Bypass Module) options
- Adheres to LM79, LM80, and TM21 industry standards
- The DTS, Dimming Bypass Module, is for emergency circuit control loads including sensors and wireless systems CSA certified to UL 924. See page 6 for wiring diagram.

CERTIFICATION (CONTINUED)

- This product qualifies as a “designated country construction material” per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 06/01/2020.

WARRANTY

- 5 year warranty



END VIEW (ALL SIZES)

KEY DATA	
Lumen Range	1513–14711
Wattage Range	12–112
Efficacy Range (LPW)	115–144
Reported Life (Hours)	L80/60,000

DATE:	LOCATION:
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ORDERING GUIDE

Example: RLW4-40ML-FAW-EDU

CATALOG #

RLW		Color Temp		Nominal Lumens ²		FA	W
Model	Size					Shielding	Distribution
RLW Revalume™ Linear Wrap	2 2'	30	3000K	XW	4' (2700), 8' (5400) ³	FA Frosted Acrylic	W Wide
	4 4'	35	3500K	VW	2' (1600), 4' (3400), 8' (6800) ³		
	8 8'	40	4000K	MW	2' (2200), 4' (3800), 8' (7700) ³		
		50	5000K	LW	2' (2600), 4' (4200), 8' (8500) ³		
		2765T	2700K–6500K SpectraSync™ Tunable White ¹		ML		
				HL	2' (3800), 4' (6000), 8' (11,800) ⁴		
				VL	2' (4500), 4' (7800), 8' (14,200) ⁴		

Driver	Voltage	Options	Control Options ²⁴
E Fixed Output	U 120–277V	ELL14 Emergency Battery Pack, 1400 Lumens ^{5, 6, 24}	BTSMP Standalone
ED 0-10V Dimming	347 347V	GTD Generator Transfer Device ^{5, 7}	BTSO12F Bluetooth® Programmable, BTSMP-OMNI PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
ED1 0-10V 1% Dimming		DTS Dimming Bypass Module ^{5, 8}	NX Connect Wireless
EDD 0-10V Dim-to-Off		GLR Fast Blow Fuse	NXCS NX Connect NXC-WIZ20 Wireless Indoor Occupancy & Photocell Sensor ^{19, 22, 23}
ESD Step Dimming		INT Intermediate (provides ends with wiring access for continuous row mounting) ^{9, 10, 11, 12, 13}	NX Wireless
LUTH Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology ⁵		EOR End of Row (provides end wiring access for continuous row mounting) ^{9, 10, 11, 12, 13}	NXWOM NX Networked Wireless Enabled Integral NXSMP2-OMNI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ¹⁸
DALIP Powered by DALI ⁵		MST MASTER fixture that controls one or more SATELLITE fixtures in a continuous row application ^{10, 11, 12, 14, 15, 16, 17}	Third-Party Control Options
		SAT SATELLITE fixture controlled by MASTER fixture in a continuous row application ^{10, 11, 12, 15, 16, 17}	LVR Lutron VIVE Integral Fixture Control DFCSJ-OEM-RF (RF only) ^{19, 20, 21}
			LVS Lutron VIVE Integral Fixture Control DFCSJ-OEM-OCC (RF with daylight and occupancy sensing) ^{19, 20, 21}
			ODPG Occupancy and Daylight Sensors w/ Grouping, Philips SNS200 ^{19, 21}

Accessories (Order Separately)

RLWWG2	2' Wire Guard
RLWWG4	4' Wire Guard
S18	18" Stem, Canopy
SS18	18" Swivel Stem–45° Swivel
CM24SCF3-KIT	24" Adjustable Cable Mounting Kit, 3-wire feed
CM48SCF3-KIT	48" Adjustable Cable Mounting Kit, 3-wire feed

Notes:

- 1 Only available with ED driver
- 2 Nominal Lumens. Refer to performance tables for exact values and available lumen outputs for fixture size
- 3 RLW4' & RLW8' lumen packages XW - ML qualified up to 40°C
- 4 RLW4' & RLW8' lumen packages HL & VL qualified up to 35°C
- 5 Not available with 347V
- 6 For compatibility with Dual-Lite LiteGear® inverters in lieu of installed battery pack, contact Lighting representative. Not available with 2'
- 7 Available for universal voltage and fixed output driver options only
- 8 For emergency circuit control loads including sensors and wireless systems CSA certified to UL 924. Only available with 0-10V drivers. Universal voltage only. See page 6 for wiring diagram
- 9 Suspension support required at every fixture coupling; see Mounting Accessories Guide
- 10 Not available with DTS, GTD or ATSD
- 11 All fixtures in a row must be the same driver type and voltage
- 12 Includes quick-connect wiring harness

- 13 A row-connector kit will be included with each fixture when EOR or INT is selected
- 14 MST option not available with INT row position
- 15 Multiple SAT fixtures can be controlled by one MST fixture. Any one SAT fixture can have no more than one connected MST fixture
- 16 NX is supported for this application, consult Brand for use with other controls systems
- 17 Not available with LUTH
- NX In-Fixture Control Options:**
- 18 Only available with ED and ED1 drivers. Universal voltage only
- Third-Party Control Options:**
- 19 Only available with DALIP driver option
- 20 VIVE is a trademark of Lutron Electronics Co., Inc
- 21 Not available with SpectraSync (2765T)
- NX Connect Wireless**
- 22 NX Connect devices can be configured using the NX Connect Mobile App, available on Apple App Store
- 23 NX Connect devices are not compatible with NX Wireless and NX Wired Options
- All Controls**
- 24 Minimum ambient temperature: 0°C (32°F)

CONTROLS

SpectraSync™ Color Tuning Technology:

Control your space based on the needs of the application, specific activities throughout the day and preferences of the occupants with distinct SpectraSync™ Color Tuning Technologies.



SPECTRASYNCH COLOR TUNING TECHNOLOGY		
Mode	Kelvin Range	Description
Tunable White	2700K-6500K	Offers users the ability to tailor CCT to their personal preference, enhancing task visibility, material and colors or the aesthetics of the space

DELIVERED LUMENS

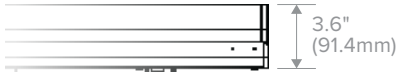
FIXTURE	COLOR	LUMENS	WATTS	LPW
RLW2-VW	3000K	1513	11.6	130
	3500K	1541	11.6	133
	4000K	1559	11.6	134
	5000K	1612	11.6	139
RLW2-MW	3000K	2020	16.3	124
	3500K	2057	16.3	126
	4000K	2082	16.3	128
	5000K	2152	16.3	132
RLW2-LW	3000K	2553	22.1	116
	3500K	2600	22.1	118
	4000K	2631	22.1	119
	5000K	2720	22.1	123
RLW2-ML	3000K	3297	26.6	124
	3500K	3357	26.6	126
	4000K	3397	26.6	128
	5000K	3511	26.6	132
RLW2-HL	3000K	3594	29.5	122
	3500K	3660	29.5	124
	4000K	3704	29.5	126
	5000K	3828	29.5	130
RLW2-VL	3000K	4354	37.2	117
	3500K	4434	37.2	119
	4000K	4487	37.2	121
	5000K	4638	37.2	125
RLW4-XW	3000K	2711	19.5	140
	3500K	2673	19.4	138
	4000K	2705	19.4	139
	5000K	2755	19.4	142
RLW4-VW	3000K	3275	25.2	130
	3500K	3335	25.2	132
	4000K	3375	25.2	134
	5000K	3488	25.2	138
RLW4-MW	3000K	3854	28.8	134
	3500K	3925	28.8	136
	4000K	3972	28.8	138
	5000K	4106	28.8	143
RLW4-LW	3000K	4174	33.9	123
	3500K	4251	33.9	125
	4000K	4302	33.9	127
	5000K	4447	33.9	131
RLW4-ML	3000K	5128	40.4	127
	3500K	5222	40.4	129
	4000K	5285	40.4	131
	5000K	5462	40.4	135

DELIVERED LUMENS

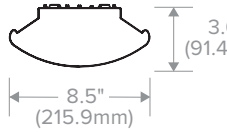
FIXTURE	COLOR	LUMENS	WATTS	LPW
RLW4-HL	3000K	5553	48.1	115
	3500K	5655	48.1	118
	4000K	5723	48.1	119
	5000K	5915	48.1	123
RLW4-VL	3000K	7510	55.9	135
	3500K	7645	55.9	137
	4000K	7767	55.9	139
	5000K	8024	55.7	144
RLW8-XW	3000K	4989	39	128
	3500K	5080	38.8	131
	4000K	5141	38.8	132
	5000K	5314	38.8	137
RLW8-VW	3000K	6397	50.4	127
	3500K	6514	50.4	129
	4000K	6592	50.4	131
	5000K	6814	50.4	135
RLW8-MW	3000K	7157	57.6	124
	3500K	7288	57.6	127
	4000K	7375	57.6	128
	5000K	7623	57.6	132
RLW8-LW	3000K	8349	67.8	123
	3500K	8502	67.8	125
	4000K	8604	67.8	127
	5000K	8893	67.8	131
RLW8-ML	3000K	9525	80.8	118
	3500K	9700	80.8	120
	4000K	9816	80.8	121
	5000K	10146	80.8	126
RLW8-HL	3000K	11106	96.2	115
	3500K	11310	96.2	118
	4000K	11446	96.2	119
	5000K	11830	96.2	123
RLW8-VL	3000K	13811	111.8	124
	3500K	14064	111.8	126
	4000K	14233	111.8	127
	5000K	14711	111.4	132

DIMENSIONS

FIXTURE HEIGHT (ALL SIZES)



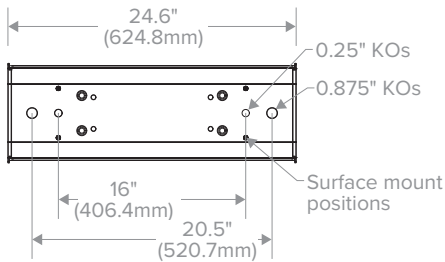
END VIEW (ALL SIZES)



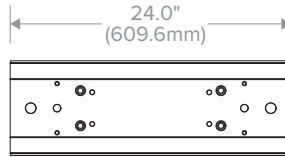
KOs (ALL SIZES)

- 0.25" (1/4") KOs are for CM (Cable Mount) Kits
- 0.875" (7/8") KOs are for wiring and stem mounting

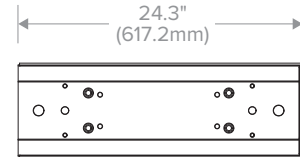
2' SINGLE ASSEMBLY



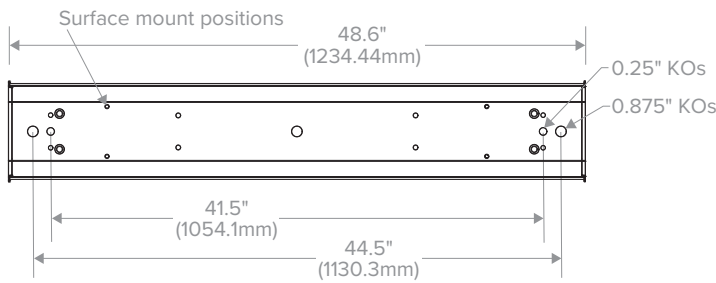
2' INTERMEDIATE ASSEMBLY



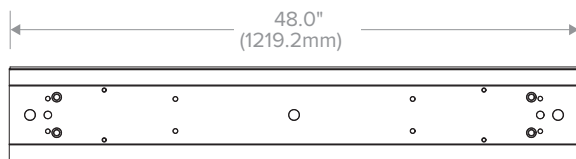
2' END OF ROW ASSEMBLY



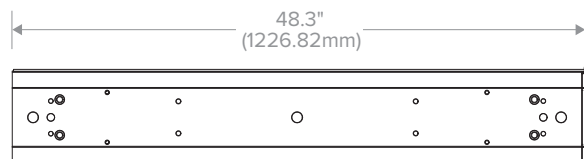
4' SINGLE ASSEMBLY

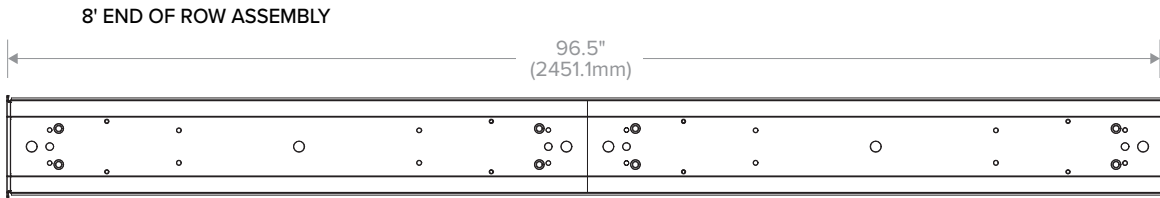
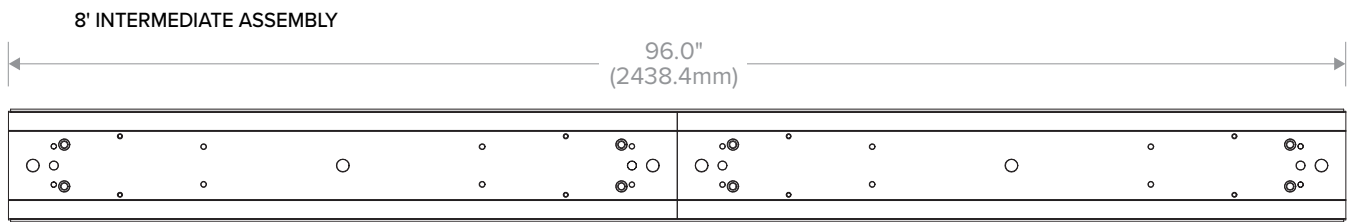
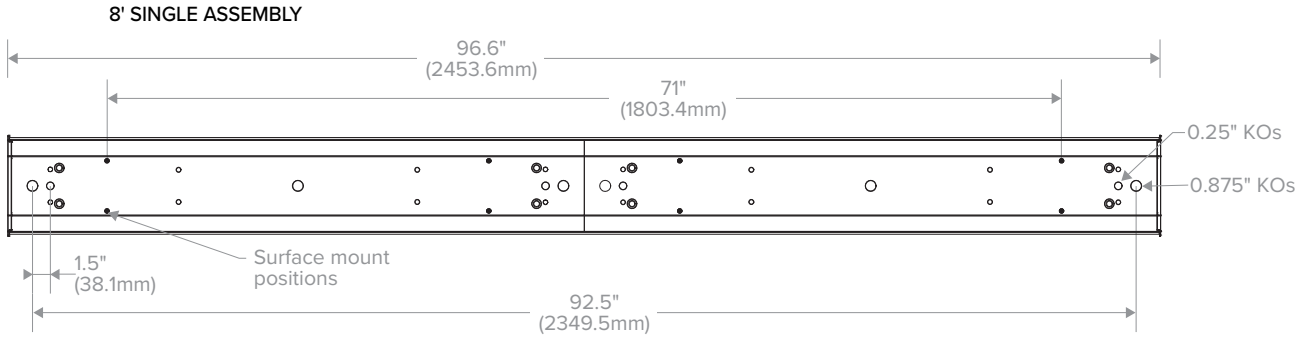


4' INTERMEDIATE ASSEMBLY



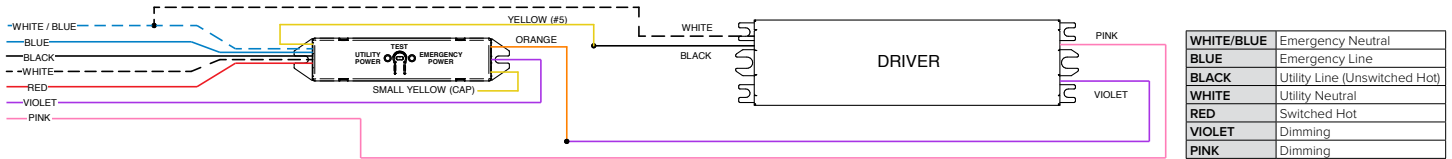
4' END OF ROW ASSEMBLY





ADDITIONAL INFORMATION

DTS WIRING DIAGRAM (0-10V DIMMING DRIVER SHOWN)



PHOTOMETRY

RLW4-30XW-FAW-EDU

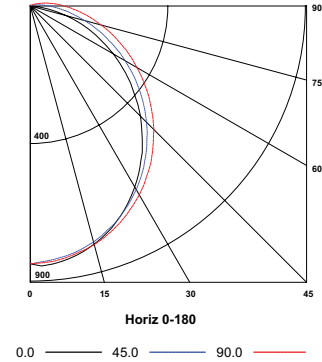
LUMINAIRE DATA

Test No.	18.01231
Description	Revalume Linear Surface, Wraps 8.5" x 48" with frosted acrylic refractor
Delivered Lumens	2502
Watts	19.5
Efficacy	128
Mounting	Surface
Spacing Criterion	0° = 1.21 90° = 1.25

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt.
0-30	646	25.8	25.8
0-40	1051	42.0	42.0
0-60	1841	73.6	73.6
0-90	2431	97.1	97.1
0-180	2502	100.0	100.0

POLAR GRAPH



RLW4-35VW-FAW-EDU

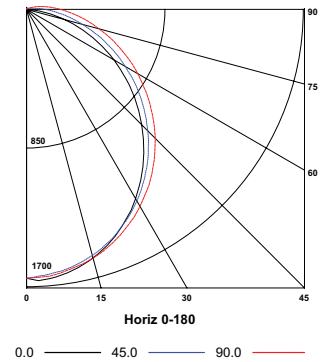
LUMINAIRE DATA

Test No.	18.01221
Description	Revalume Linear Surface, Wraps 8.5" x 48" with frosted acrylic refractor
Delivered Lumens	3234
Watts	40.4
Efficacy	128
Mounting	Surface
Spacing Criterion	0° = 1.21 90° = 1.25

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt.
0-30	1263	25.8	25.8
0-40	2056	42.0	42.0
0-60	3607	73.6	73.6
0-90	4755	97.0	97.0
0-180	4901	100.0	100.0

POLAR GRAPH



RLW4-50VL-FAW-EDU

LUMINAIRE DATA

Test No.	18.01234
Description	Revalume Linear Surface, Wraps 8.5" x 48" with frosted acrylic refractor
Delivered Lumens	7476
Watts	55.7
Efficacy	134
Mounting	Surface
Spacing Criterion	0° = 1.21 90° = 1.25

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt.
0-30	1914	25.6	25.6
0-40	3118	41.7	41.7
0-60	5479	73.3	73.3
0-90	7241	96.9	96.9
0-180	7476	100.0	100.0

POLAR GRAPH

