

Project: _____
 Location: _____
 Cat. #: _____
 Type: _____
 Quantity: _____



EWL S G2 4 Power Select | LED Slim Wrap

Features:

- High performance LED technology
- 0-10V dimming drivers standard
- Field replaceable LED boards and drivers
- Can be surface, stem, or cable mounted as individual units or in continuous rows
- Buy American Act compliant *(All base luminaires are BAA compliant. Addition of options may change eligibility. Contact factory for details.)*

Applications:

- Suitable for industrial, retail, and institutional applications
- Warehouse
 - Manufacturing Facility
 - Stock Room
 - Classroom

Warranty:

- 5 year limited system warranty - see www.LumenFocus.com for complete warranty terms and conditions

Construction:

- Die-formed heavy-gauge cold rolled steel
- Pre-painted with a highly durable, highly reflective white finish
- Frosted Acrylic Lens

Certifications:

- UL 1598 listed for US and Canada, suitable for damp locations



Predicted Lifetime:

- L70 ≥ 171,000 hrs (calculated)
- L80 ≥ 108,000 hrs (calculated)
- L90 ≥ 53,000 hrs (reported)
- 81% lumen maintenance @ 102,000 hrs *(based on LM-80, TM-21 and in-situ laboratory testing)*
- Driver: 85,000 hrs at 120V input, 100% load and 60°C/140°F case temperature

Ambient Operating Temp:

- -30°C to 40°C



Ordering Guide:

example: EWL S G2 4 SEL35 UV FA 940 QC

Series	Version	Length	Output	Voltage	Shielding	CRI/CCT	Hanging	Controls	Options
EWL S	G2	4		UV	FA				
EWL S Slim Wrap	G2 Gen 2	4 4'	SEL15 15W Selectable Output SEL25 25W Selectable Output SEL35 35W Selectable Output SEL45 45W Selectable Output SEL75 75W Selectable Output	UV 120-277	FA Frosted Acrylic	930 90 CRI/3000K 935 90 CRI/3500K 940 90 CRI/4000K 950 90 CRI/5000K	Blank None VC V-Chain Hangers QC 10' Quick Hang Cable Kit QC15 15' Quick Hang Cable Kit QC20 20' Quick Hang Cable Kit	Blank No Controls ZOSMD Microwave Daylight/Motion Sensor With Step-Dimming (High/Low/Off) ⁽¹⁾ ZOFD1 Leviton Bluetooth-enabled Programmable Dimming/Occupancy/Daylight Harvesting Sensor with Grouping ⁽¹⁾ ZOFDU Leviton Bluetooth-enabled Programmable Dimming/Occupancy/Daylight Harvesting Sensor with Grouping, Scheduling ⁽¹⁾ Z221BL_ Wattstopper Programmable Photo/Motion Multi-Voltage Sensor (high/low/off) ⁽²⁾ Z321BL_ Wattstopper Bluetooth-enabled Programmable Photo/Motion Multi-Voltage Sensor (high/low/off) ⁽²⁾	Blank No Options C6 6' Single Circuit Cord C65W 6' Single Circuit Cord with Low Voltage Connections C10 10' Single Circuit Cord C105W 10' Single Circuit Cord with Low Voltage Connections D6 6' Dual Circuit Cord D10 10' Dual Circuit Cord P(NEMA) Plug (Specify NEMA configuration) F Fuse EM6 6.5W Emergency Pack ⁽⁶⁾ EM10 10W Emergency Pack ⁽⁶⁾ EM14 14W Emergency Pack ⁽⁶⁾ CC Conformal Coating LVL 0-10V Dimming Leads for Easy Field Access BAA Buy American Act Compliant

Notes

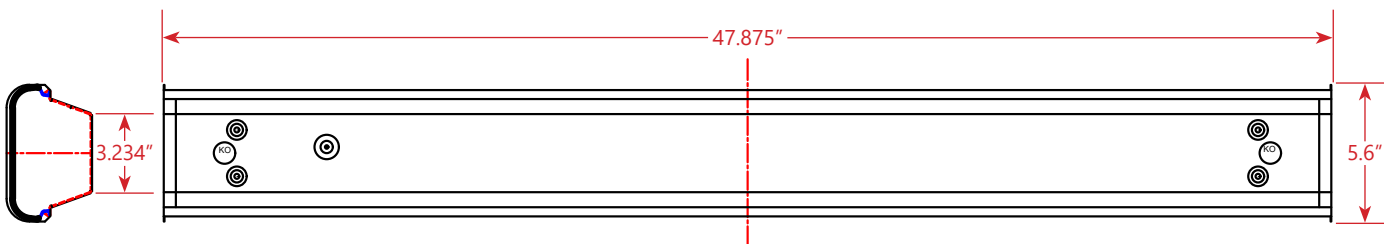
- ⁽¹⁾ See Page 4 for more details.
- ⁽²⁾ " _ " = lens type. See Page 4 for more details.
- ⁽³⁾ 120-277V / 0°C-55°C ambient. To estimate lumen output in emergency mode, multiply EM wattage by the Lumens per Watt of the lowest output setting of the luminaire it is installed in.
ex. EWL S G2 4 SEL45 UV FA 940 EM10 → 155.9 LPW x 10W = 1,559 lm

Controls Accessories (order separately)



For WattStopper Controls
FSIR-100 Wireless IR Programming Tool (For Z211Lx)

Schematic:



Performance Chart:

Catalog #	Watts	Lumens (930)	LPW (930)	Lumens (935)	LPW (935)	Lumens (940)	LPW (940)	Lumens (950)	LPW (950)
EWL S G2 4 SEL15 UV FA 9xx	8.9	1340.4	149.8	1354.3	151.3	1396.2	156.0	1410.2	157.6
	10.3	1537.8	148.8	1553.8	150.4	1601.8	155.0	1617.9	156.6
	12.2	1799.4	147.6	1818.1	149.1	1874.4	153.7	1893.1	155.3
	13.7	1994.4	145.1	2015.2	146.6	2077.5	151.2	2098.3	152.7
EWL S G2 4 SEL25 UV FA 9xx	14.8	2288.2	154.5	2312.0	156.1	2383.5	160.9	2407.3	162.5
	17.4	2662.4	153.4	2690.2	155.0	2773.4	159.8	2801.1	161.4
	19.9	3034.6	152.3	3066.2	153.9	3161.0	158.7	3192.6	160.3
	22.5	3404.5	151.3	3440.0	152.9	3546.4	157.6	3581.9	159.2
EWL S G2 4 SEL35 UV FA 9xx	24.3	3772.3	155.5	3811.6	157.1	3929.5	161.9	3968.8	163.6
	26.8	4137.9	154.4	4181.0	156.0	4310.3	160.9	4353.4	162.5
	29.3	4501.3	153.4	4548.2	155.0	4688.9	159.8	4735.7	161.4
	31.9	4862.4	152.4	4913.1	154.0	5065.0	158.7	5115.7	160.3
EWL S G2 4 SEL45 UV FA 9xx	34.9	5221.3	149.7	5275.7	151.2	5438.9	155.9	5493.3	157.5
	37.5	5578.0	148.7	5636.1	150.2	5810.4	154.9	5868.5	156.4
	40.2	5932.3	147.7	5994.1	149.2	6179.5	153.9	6241.3	155.4
	42.8	6284.3	146.7	6349.8	148.3	6546.1	152.8	6611.6	154.4
EWL S G2 4 SEL75 UV FA 9xx	54.7	8143.7	148.8	8228.5	150.4	8483.0	155.1	8567.8	156.6
	60.0	8844.2	147.4	8936.3	148.9	9212.7	153.5	9304.8	155.0
	65.4	9537.6	145.9	9637.0	147.4	9935.1	152.0	10034.4	153.5
	70.8	10224.0	144.5	10330.5	146.0	10650.0	150.5	10756.5	152.0

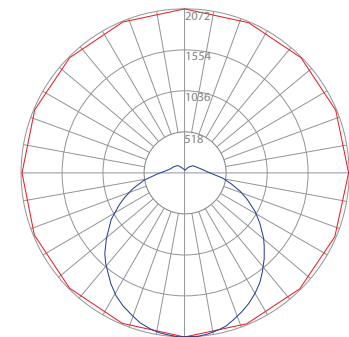
Photometric Data:

EWL S G2 4 SEL45 UV FA 940

Test No.: LLIA002568-007A(s)
 Luminaire Lumens: 6,546 lm
 Luminaire Watts: 42.8W
 Efficacy: 153.7 LPW
 Spacing Criterion (0-180): 1.20
 Spacing Criterion (90-270): 1.28

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	10116	9470	9734
55	9040	8514	9024
65	7776	7467	8294
75	6074	6327	7537
85	3032	5204	6922



— Vert. Plane
 — Horiz. Cone

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20	747.91	11.4
0-30	1578.51	24.1
0-40	2566.19	39.2
0-60	4495.6	68.7
0-80	5719.51	87.4
0-90	5985.14	91.4
90-120	362.59	5.5
90-130	437.94	6.7
90-150	529.42	8.1
90-180	561.11	8.6
110-180	293.75	4.5
0-180	6546.25	100.0

Coefficients Of Utilization - Zonal Cavity Method
 Effective Floor Cavity Reflectance 0.20

RC	80				70				50				30			
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10		
0	117	117	117	117	113	113	113	113	106	106	106	100	100	100		
1	106	101	96	92	102	97	93	89	92	88	85	86	83	81		
2	96	87	80	74	92	85	78	73	80	74	70	75	71	67		
3	87	76	68	61	84	74	66	60	70	63	58	66	61	56		
4	80	68	59	52	77	66	57	51	62	55	49	59	53	48		
5	73	60	51	44	71	59	50	44	56	48	43	53	46	41		
6	68	54	45	39	65	53	44	38	50	43	37	48	41	36		
7	63	49	40	34	60	48	40	34	46	38	33	43	37	32		
8	58	45	36	30	56	44	36	30	42	35	29	40	33	29		
9	55	41	33	27	53	40	32	27	38	31	26	37	30	26		
10	51	38	30	25	49	37	30	24	36	29	24	34	28	23		

Tested in accordance with IES standards utilizing absolute photometry per LM-79-08



Controls Summary:

Control Code	Type	Capabilities	Communication
ZOSMD	Motion (Microwave), Photosensor	On/Low/Off	Wired 1-10V
ZOFD1	Motion (PIR), Daylight Harvesting	High/Low/Off, High-End Trim, Grouping	Wired 0-10V, Programmable via Bluetooth App (iOS, Android)
ZOFDU	Motion (PIR), Daylight Harvesting	High/Low/Off, High-End Trim, Grouping, Scheduling	Wired 0-10V, Programmable via Bluetooth App (iOS, Android)
Z221BLx	Motion (PIR), Photosensor	High/Low/Off, High-End Trim	Wired 0-10V, Programmable via IR remote (sold separately)
Z321BLx	Motion (PIR), Daylight Harvesting	High/Low/Off, High-End Trim	Wired 0-10V, Programmable via Bluetooth App (iOS, Android)

Microwave Occupancy Sensor (ZOSMD)

The Leviton OSM3D-DDW (or equivalent) detects motion through low density materials using high frequency electromagnetic waves. This means it can sit discretely behind the EWLN's prismatic lens. The ZOSMD features automatic switching based on motion and ambient light level. ZOSMD option adds step-dimming functionality - standby dimming level 10% / 20% / 30% / 50%. **Max mounting height for ZOSMD is 40 feet.**



Smart Sensors (ZOFD1/ZOFDU)

The ZOFDx option includes high bay and low bay lenses along with aisleway masks that can easily be installed or swapped out in the field. **The high bay lens is good for 20'-40' mounting heights, while the low bay lens is good for 8'-20' mounting heights.**

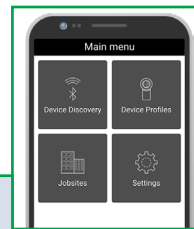


- Leviton Smart IP66 passive infrared (PIR) sensors
- Features mesh grouping (16 devices per group), occupancy sensing, daylight harvesting, scheduling (for ZOFDU only), single-level switching
- Comes pre-installed on the end cap
- Rated for cold locations
- Configurable through the Leviton Smart Sensor App using a smartphone or other Bluetooth-enabled iOS or Android device

Programmable Sensors (Z221B/Z321B)

- The Wattstopper FSP sensor provides multi-level control based on motion and/or daylight contribution
- Comes pre-installed on the end cap
- Rated for cold locations
- Parameters for Bluetooth-enabled Z321B adjustable via phone app - iOS or Android
- Parameters adjustable via wireless configuration tool (FSIR-100 - sold separately)
- Three lenses available, tailored for the ideal detection area and mounting height:

- L2: 360° lens, maximum coverage 48', diameter from 8' height
- L3: 360° lens, maximum coverage 40', diameter from 20' height
- L7: 360° lens, maximum coverage 100', diameter from 40' height



Left: FSIR-100;
Top: Phone app interface for Z321B

