

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



EWL S G2 2 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 2 SEL35 UV FA 940 QC

Series	Version	Length	Output	Voltage	Shielding	CRI/CCT	Hanging	Controls	Options				
EWL S	G2	2		UV	FA								
EWL S Slim Wrap	G2 Gen 2	2 2'	SEL15 15W Selectable Output	UV 120-277	FA Frosted Acrylic	930 90 CRI/3000K	Blank None	Blank No Controls	Blank No Options				
			SEL25 25W Selectable Output							935 90 CRI/3500K	VC V-Chain Hangers	ZOSMD Microwave Daylight/Motion Sensor With Step-Dimming (High/Low/Off) ⁽¹⁾	C6 6' Single Circuit Cord
			SEL35 35W Selectable Output							940 90 CRI/4000K	QC 10' Quick Hang Cable Kit	ZOFD1 Leviton Bluetooth-enabled Programmable Dimming/Occupancy/Daylight Harvesting Sensor with Grouping ⁽¹⁾	C65W 6' Single Circuit Cord with Low Voltage Connections
			SEL45 45W Selectable Output							950 90 CRI/5000K	QC15 15' Quick Hang Cable Kit	ZOFDU Leviton Bluetooth-enabled Programmable Dimming/Occupancy/Daylight Harvesting Sensor with Grouping, Scheduling ⁽¹⁾	C10 10' Single Circuit Cord
											QC20 20' Quick Hang Cable Kit	Z221BL_ Wattstopper Programmable Photo/Motion Multi-Voltage Sensor (high/low/off) ⁽²⁾	C105W 10' Single Circuit Cord with Low Voltage Connections
							Z321BL_ Wattstopper Bluetooth-enabled Programmable Photo/Motion Multi-Voltage Sensor (high/low/off) ⁽²⁾	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

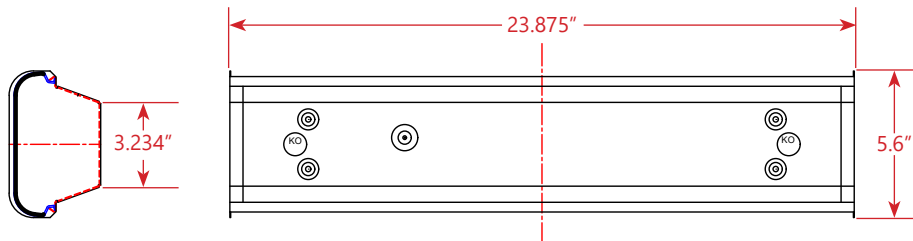
- ⁽¹⁾ See Page 4 for more details.
- ⁽²⁾ " _ " = lens type. See Page 4 for more details.
- ⁽³⁾ 120-277V / 0°C-55°C ambient. To estimate lumen output in emergency mode, multiply EM wattage by the Lumens per Watt of the lowest output setting of the luminaire it is installed in.
ex. EWL S G2 2 SEL45 UV FA 940 EM10 → 148.7 LPW x 10W = 1,487 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 2 SEL15 UV FA 9xx	9.2	1284.8	140.1	1298.2	141.6	1338.4	145.9	1351.8	147.4
	10.6	1470.0	138.4	1485.3	139.9	1531.2	144.2	1546.5	145.6
	12.6	1713.5	136.3	1731.4	137.7	1784.9	141.9	1802.8	143.3
	14.1	1893.7	134.0	1913.4	135.4	1972.6	139.5	1992.3	140.9
EWL S G2 2 SEL25 UV FA 9xx	15.2	2146.9	141.4	2169.2	142.9	2236.3	147.3	2258.7	148.8
	17.8	2490.3	139.6	2516.2	141.0	2594.1	145.4	2620.0	146.8
	20.5	2829.4	137.7	2858.9	139.2	2947.3	143.5	2976.8	144.9
	23.3	3164.1	135.9	3197.0	137.3	3295.9	141.6	3328.9	143.0
EWL S G2 2 SEL35 UV FA 9xx	24.7	3546.7	143.4	3583.6	144.9	3694.5	149.4	3731.4	150.9
	27.4	3884.1	142.0	3924.6	143.5	4046.0	147.9	4086.4	149.4
	30.0	4218.2	140.6	4262.2	142.0	4394.0	146.4	4437.9	147.9
	32.7	4549.0	139.2	4596.3	140.6	4738.5	145.0	4785.9	146.4
EWL S G2 2 SEL45 UV FA 9xx	30.5	4357.8	142.8	4403.2	144.2	4539.3	148.7	4584.7	150.2
	32.8	4655.4	141.8	4703.9	143.3	4849.4	147.7	4897.9	149.2
	35.1	4951.1	140.9	5002.7	142.3	5157.4	146.7	5209.0	148.2
	36.9	5244.9	142.1	5299.5	143.6	5463.5	148.0	5518.1	149.5

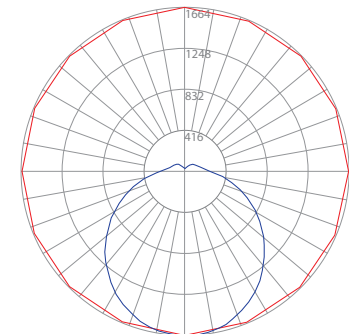
Photometric Data:

EWL S G2 2 SEL45 UV FA 930

Test No.: LLIA002568-003A
 Luminaire Lumens: 5,245 lm
 Luminaire Watts: 36.9W
 Efficacy: 142.1 LPW
 Spacing Criterion (0-180): 1.18
 Spacing Criterion (90-270): 1.28

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	15498	14879	15717
55	13588	13247	14601
65	11430	11519	13436
75	8591	9642	12218
85	3740	7815	11300



— Vert. Plane
 — Horiz. Cone

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20	604.2	11.5
0-30	1272.9	24.3
0-40	2065.1	39.4
0-60	3604.4	68.7
0-80	4579.5	87.3
0-90	4794.0	91.4
90-120	291.0	5.5
90-130	350.8	6.7
90-150	424.4	8.1
90-180	451.0	8.6
110-180	235.6	4.5
0-180	5244.9	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	70	50	30	10	70	50	30	10
0	117	117	117	117	113	113	113	113	106	106	106	106	100	100	100	100
1	106	101	96	92	102	97	93	89	92	88	85	81	86	83	81	81
2	96	87	80	74	92	85	78	73	80	74	70	67	75	71	67	67
3	87	76	68	61	84	74	66	60	70	63	58	56	66	61	56	56
4	80	68	59	52	77	66	57	51	62	55	49	48	59	53	48	48
5	73	60	51	45	71	59	50	44	56	48	43	43	53	46	41	41
6	68	54	45	39	65	53	44	38	50	43	37	37	48	41	36	36
7	63	49	40	34	61	48	40	34	46	38	33	33	43	37	32	32
8	58	45	36	31	56	44	36	30	42	35	29	29	40	33	29	29
9	55	41	33	27	53	40	32	27	38	31	27	27	37	30	26	26
10	51	38	30	25	49	37	30	25	36	29	24	24	34	28	24	24

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 EWL'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.**

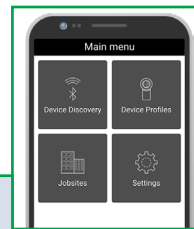


- Leviton Smart IP66 passive infrared (PIR) sensors
- Features mesh grouping (16 devices per group), occupancy sensing, daylight harvesting, scheduling (for ZOFDU only), single-level switching
- Comes pre-installed on the end cap
- Rated for cold locations
- Configurable through the Leviton Smart Sensor 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

