



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



ECL G2 2 Power Select | LED Strip

Features:

- High performance LED technology
- Field selectable output
- 0-10V dimming drivers standard
- Field replaceable LED boards and drivers
- Frosted diffuser available to help minimize glare and improve aesthetics
- A wide variety of lumen packages and lengths allows for flexibility in design and helps maximize energy savings
- Buy American Act compliant *(All base luminaires are BAA compliant. Addition of options may change eligibility. Contact factory for details.)*

Applications:

Suitable for most commercial, industrial and institutional applications

- Office
- Retail
- Warehouse
- Coves
- Valences

Ambient Operating Temp.:

- -30°C to 40°C

Construction:

- Precision brake formed from cold rolled steel with a highly durable matte white finish. Optional matte black and metallic silver options constructed of brake formed aluminum

Certifications:

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



Predicted Lifetime:

- L70: ≥ 129,000 hrs (calculated)
- L80: ≥ 81,000 hrs (calculated)
- L90: ≥ 39,000 hrs (reported)
- 85% lumen maintenance @ 60,000 hrs *(based on LM80 and insitu laboratory testing)*
- Driver: 85,000 hrs at 120V input, 100% load and 60°C/140°F case temperature

Warranty:

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



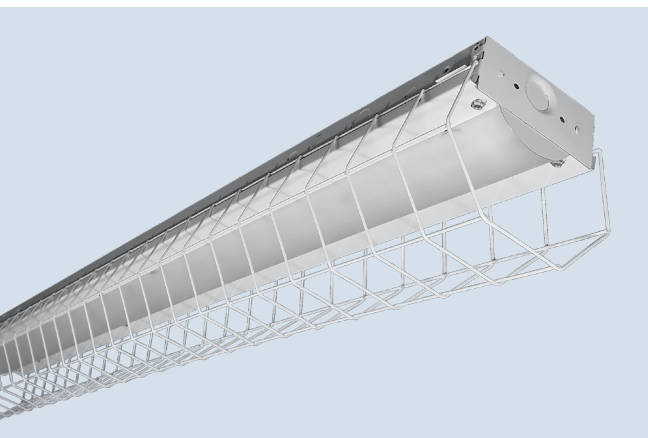
example: ECL G2 2 SEL35 UV FR 940 QC C6

Notes

(4) " " for 2-circuit wiring, specify circuit A or B here.

Accessories (order separately)

WG(ECL2) Wire Guard



Controls Accessories *(order separately)*



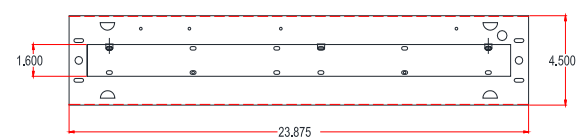
Wireless IR Programming Tool (For Z211Lx)



Performance Chart:

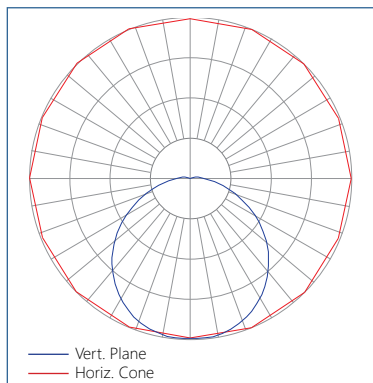
Catalog #	Watts	Lumens (930)	LPW (930)	Lumens (935)	LPW (935)	Lumens (940)	LPW (940)	Lumens (950)	LPW (950)
ECL G2 2 SEL15 UV 9xx	9.2	1384.6	151.0	1390.5	151.7	1423.5	155.3	1423.5	155.3
	10.6	1585.2	149.3	1591.9	149.9	1629.7	153.5	1629.7	153.5
	12.6	1843.9	146.4	1851.6	147.1	1895.6	150.5	1895.6	150.5
	14.1	2029.5	144.0	2038.1	144.6	2086.5	148.0	2086.5	148.0
ECL G2 2 SEL25 UV 9xx	15.2	2373.6	156.5	2383.6	157.2	2440.2	160.9	2440.2	160.9
	17.8	2755.4	154.5	2767.0	155.1	2832.7	158.8	2832.7	158.8
	20.6	3125.2	152.0	3138.4	152.7	3212.9	156.3	3212.9	156.3
	23.3	3479.9	149.2	3494.5	149.9	3577.5	153.4	3577.5	153.4
ECL G2 2 SEL35 UV 9xx	24.8	3922.9	158.3	3939.5	159.0	4033.0	162.8	4033.0	162.8
	27.4	4287.4	156.4	4305.5	157.0	4407.7	160.7	4407.7	160.7
	30.1	4640.0	154.2	4659.5	154.8	4770.2	158.5	4770.2	158.5
	32.8	4979.0	151.8	5000.0	152.4	5118.7	156.0	5118.7	156.0
ECL G2 2 SEL45 UV 9xx	30.5	4822.1	157.9	4842.4	158.6	4957.4	162.3	4957.4	162.3
	32.9	5148.4	156.7	5170.1	157.3	5292.9	161.1	5292.9	161.1
	35.2	5468.9	155.4	5491.9	156.0	5622.4	159.7	5622.4	159.7
	37.6	5782.7	154.0	5807.1	154.6	5945.0	158.3	5945.0	158.3
ECL G2 2 SEL15 UV FR 9xx	9.2	1310.0	142.9	1315.5	143.5	1346.8	146.9	1346.8	146.9
	10.6	1499.8	141.2	1506.1	141.8	1541.9	145.2	1541.9	145.2
	12.6	1744.5	138.5	1751.8	139.1	1793.4	142.4	1793.4	142.4
	14.1	1920.2	136.2	1928.3	136.8	1974.1	140.1	1974.1	140.1
ECL G2 2 SEL25 UV FR 9xx	15.2	2245.7	148.1	2255.1	148.7	2308.7	152.3	2308.7	152.3
	17.8	2606.9	146.1	2617.9	146.8	2680.1	150.2	2680.1	150.2
	20.6	2956.8	143.8	2969.2	144.4	3039.7	147.9	3039.7	147.9
	23.3	3292.3	141.2	3306.2	141.8	3384.8	145.2	3384.8	145.2
ECL G2 2 SEL35 UV FR 9xx	24.8	3711.5	149.8	3727.2	150.4	3815.7	154.0	3815.7	154.0
	27.4	4056.3	147.9	4073.4	148.6	4170.2	152.1	4170.2	152.1
	30.1	4389.9	145.9	4408.4	146.5	4513.1	149.9	4513.1	149.9
	32.8	4710.6	143.6	4730.5	144.2	4842.9	147.6	4842.9	147.6
ECL G2 2 SEL45 UV FR 9xx	30.5	4562.2	149.4	4581.4	150.0	4690.3	153.6	4690.3	153.6
	32.9	4871.0	148.2	4891.5	148.9	5007.7	152.4	5007.7	152.4
	35.2	5174.2	147.0	5196.0	147.6	5319.4	151.1	5319.4	151.1
	37.6	5471.1	145.7	5494.2	146.3	5624.7	149.8	5624.7	149.8

Schematic:

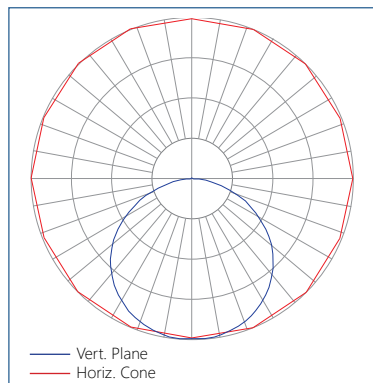


Photometric Data:

Relative Luminous Intensity
with FR lens



Relative Luminous Intensity
without FR lens



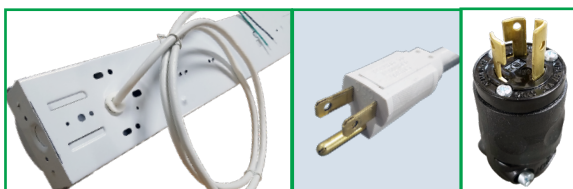
Options:



Shielding Frosted acrylic diffuser lenses minimize glare and improve aesthetics.

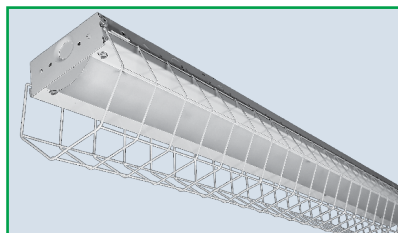


Conformal coating Grants LED boards added protection from moisture and corrosion in more hazardous environments.



Cords are available in single circuit or dual circuit, 6' or 10'. Standard plug is optional, as are other NEMA configurations if specified.

Wireguards are available for added protection (shipped separately).



Hanging The QC hanging kit (1) comes in 10' or 20'. Cables are pre-looped for easy installation and designed for easy fixture height adjustment. V-hangers and slide hangers are also optional.

Finish in addition to the standard white finish, the ECL G2 is also available in matte black (pictured) and metallic silver.

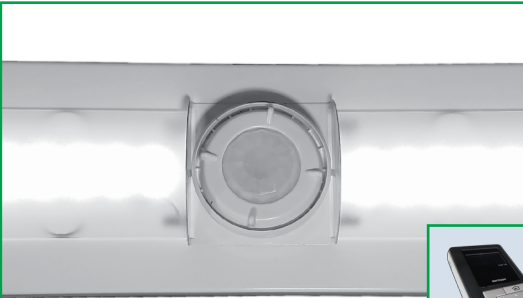


Controls Summary:

Control Code	Type	Capabilities	Communication
ZOSMD	Motion (Microwave), Photosensor	On/Low/Off	Wired 1-10V
ZLD1	Motion (PIR), Daylight Harvesting	High/Low/Off, High-End Trim, Grouping	Wired 0-10V, Programmable via Bluetooth App (iOS, Android)
ZLDU	Motion (PIR), Daylight Harvesting	High/Low/Off, High-End Trim, Grouping, Scheduling	Wired 0-10V, Programmable via Bluetooth App (iOS, Android)
Z211Lx	Motion (PIR), Photosensor	High/Low/Off, High-End Trim	Wired 0-10V, Programmable via IR remote (sold separately)
Z311Lx	Motion (PIR), Daylight Harvesting	High/Low/Off, High-End Trim	Wired 0-10V, Programmable via Bluetooth App (iOS, Android)

Dimming Sensors (Z211/Z311)

- The Wattstopper FSP sensor provides multi-level control based on motion and/or daylight contribution
- Comes pre-installed on the fixture
- Rated for cold locations
- Parameters for Bluetooth-enabled Z311 adjustable via phone app - iOS or Android
- Parameters for Z211 adjustable via wireless configuration tool (FSIR-100 - sold separately)
- Available with black lens for black finishes (pictured right)
- Two 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



The Wattstopper FSP sensor integrated with the ECL.



FSIR-100



Phone app interface for Z311 sensor



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 ECL G2's frosted 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 40 feet.**



Smart Sensors (ZLD1/ZLDU)



The ZLDx 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 ZLDU only), single-level switching
- Comes pre-installed on the center face of the fixture
- Rated for cold locations
- Configurable through the Leviton Smart Sensor App using a smartphone or other Bluetooth-enabled iOS or Android device

LUMENFOCUS
Re-boardABILITY

The ECL G2 features field replaceable boards and drivers. This allows you to upgrade to more efficient technology in the future. Or, in the rare event of a failure, you can rapidly replace defective components. Re-boardABILITY helps to ensure you won't get stuck with an obsolete light fixture. [Learn more about Re-boardABILITY here.](#)

