GE
Lighting

Evolve™ LED Roadway Lighting

LED Roadway Luminaire (ERL1-ERS1-ERS2)

imagination at work

Product Features

The Evolve™ LED Roadway Luminaire is optimized for customers requiring a LED solution for local, collector and major roadways. GE's unique reflective optics are designed to optimize application efficiency and minimize glare. The modern design incorporates the heat sink directly into the unit for heat transfer to prolong LED life. This reliable unit has a 100,000 hour design life, significantly reducing maintenance needs and expense over the life of the fixture. This efficient solution lowers energy consumption compared to traditional HID fixture for additional operating cost savings.

Applications

- Designed to meet recommended luminance and illuminance requirements for local, collector and major roadway/street classifications.

Housing

- The modern design incorporates Casting-integral heatsink for maximum heat transfer.
- Meets 3G vibration per ANSI C136.31-2010.
- Die Cast Enclosure.

LED & Optical Assembly

- Structured LED array for optimized roadway photometric distribution.
- Evolve™ light engine consisting of reflective technology designed to optimize application efficiency and minimize glare.
- Utilizes high brightness LEDs, 70 CRI at 4000K typical.
- LM-79 tests and reports are performed in accordance with IESNA standards.

Lumen Maintenance

- Lumen Maintenance per TM21.

Ratings

- /c listed, suitable for wet locations per UL 1598.
- Std. Optical enclosure rated per ANSI C136.25-2009: ERL1 = IP65, ERS1-2 = IP66
- -40°C to 50°C UL Ambient Typical.
  - Delayed start may be experienced <-35°C.
- Upward Light Output Ratio (ULOR) = 0.
- Compliant with the material restriction requirements of RoHS.

Product ID	Lumen Output	Ambient Rating (°C)
ERL	02-08	-40°C-50°C
ERS	10-15, 19-23	-40°C-50°C
ERS	16-18, 25-29	Contact Manufacturer

Mounting

- Slipfitter with +/- 5 degree of adjustment for leveling.
- Integral die cast mounting pipe stop feature.
- Adjustable for 1.25 in. or 2 in. mounting pipe.

Finish

- Corrosion resistant polyester powder paint, minimum 2.0 mil. thickness.
- Standard colors: Black, Gray and Dark Bronze.
- RAL & custom colors available.
- Optional coastal finish available.

Electrical

- 120-277 volt and 347-480 volt.
- System power factor is >90% and THD <20%.*
- Class "A" Sound rating.
- Surge Protection per ANSI C136.2-2015:
  - Standard: 6kV/3kA "Basic: (120 Strikes)"
  - Secondary: 10kV/5kA "Enhanced: (40 Strikes)"
- EMI: Title 47 CFR Part 15 Class A
- Photo electric sensors (PE) available for all voltages.

** System power factor and THD is tested and specified at 120V input and maximum load conditions. THD<26% for 347/480V supply with 03 power level.*

Warranty

- 5 Year Standard
- 10 Year Optional

Focused Lumen Levels

- ~4,000–5,000 lumens to replace 100W HPS Cobra-head
- ~7,000–8,500 lumens to replace 150W HPS Cobra-head
- ~8,500–11,500 lumens to replace 200W HPS Cobra-head
- ~11,500–14,000 lumens to replace 250W HPS Cobra-head
- ~21,000–27,000 lumens to replace 400W HPS Cobra-head

Note: *Actual replacement lumens may vary based upon mounting height, pole spacing, design criteria, etc.*

Ordering Number Logic

Evolve™ LED Streetlight (ERL)

E R L 1 _ _ _ _ _ _ _ A _ _ _ _ R _ _ _

PROD. ID	VOLTAGE	LUMEN OUTPUT	DISTRIBUTION	CCT	CONTROLS	COLOR	OPTIONS
E = Evolve **R** = Roadway **L** = Local **1** = Single Module	**0** = 120-277* **1** = 120 **2** = 208 **3** = 240 **4** = 277 **5** = 480 **D** = 347 **H** = 347-480* * Not available with Fusing. Must choose a descreet voltage with F option.	**02*** **03** **04** **05** **06** **07** **08** See Data Table for more information * Contact Manufacturer for Availabiility	**A1** = Extra Narrow Asymmetric **B1** = Narrow Asymmetric (Medium) **C1** = Asymmetric (Short) **D1** = Asymmetric Forward **E1** = Asymmetric (Medium) **F1** = Asymmetric (Wide) **G1** = Asymmetric (Extra Wide) See Data Table for more information	**30** = 3000K **40** = 4000K	**A** = ANSI C136.41 7-pin **D** = ANSI C136.41 7-pin receptacle with Shorting Cap **E** = ANSI C136.41 7-pin Receptacle with non-Dimming PE Control.* * PE control not available for 347-480V. Must be a discrete voltage (347V or 480V)	**GRAY** = Gray **BLCK** = Black **DKBZ** = Dark Bronze	**A** = 4 Bolt Slipfitter † **F** = Fusing **G** = Internal Bubble Level **I** = IP66 Optical **L** = Tool-Less Entry **R** = Secondary Enhanced Surge Protection (10kV/5kA) **X** = Single Package # **Y** = Coastal Finish * **XXX** = Special Options † Contact manufacturer for Lead-Time. # Std Packaging = 20 units per container. * Recommended for installations within 1 mile from the coast. Contact Factory for Lead-Time.

PRODUCT ID	LUMEN OUTPUT	DISTRIBUTION	TYPICAL INITIAL LUMENS		TYPICAL SYSTEM WATTAGE		BUG RATING		IES FILE NUMBER 4000K		IES FILE NUMBER 3000K	
			4000K	3000K	120-277V	347-480V	4000K	3000K	120-277V	347-480V	120-277V	347-480V
ERL1		A1	1900	1800			B1-U0-G1	B1-U0-G1	ERL1_02A140____-120V.IES	N/A	ERL1_02A130____-120V.IES	N/A
ERL1		B1	1900	1800			B1-U0-G0	B1-U0-G0	ERL1_02B140____-120V.IES	N/A	ERL1_02B130____-120V.IES	N/A
ERL1		C1	2000	1900			B1-U0-G1	B1-U0-G1	ERL1_02C140____-120V.IES	N/A	ERL1_02C130____-120V.IES	N/A
ERL1	02	D1	1900	1800	15	N/A	B1-U0-G0	B1-U0-G0	ERL1_02D140____-120V.IES	N/A	ERL1_02D130____-120V.IES	N/A
ERL1		E1	2000	1900			B1-U0-G0	B1-U0-G0	ERL1_02E140____-120V.IES	N/A	ERL1_02E130____-120V.IES	N/A
ERL1		F1	2000	1900			B1-U0-G1	B1-U0-G1	ERL1_02F140____-120V.IES	N/A	ERL1_02F130____-120V.IES	N/A
ERL1		G1	2000	1900			B1-U0-G1	B1-U0-G1	ERL1_02G140____-120V.IES	N/A	ERL1_02G130____-120V.IES	N/A
ERL1		A1	2800	2700			B1-U0-G1	B1-U0-G1	ERL1_03A140____-120-277V.IES	ERL1_03A140____-347-480V.IES	ERL1_03A130____-120-277V.IES	ERL1_03A130____-347-480V.IES
ERL1		B1	2900	2800			B1-U0-G1	B1-U0-G1	ERL1_03B140____-120-277V.IES	ERL1_03B140____-347-480V.IES	ERL1_03B130____-120-277V.IES	ERL1_03B130____-347-480V.IES
ERL1		C1	3000	2900			B1-U0-G1	B1-U0-G1	ERL1_03C140____-120-277V.IES	ERL1_03C140____-347-480V.IES	ERL1_03C130____-120-277V.IES	ERL1_03C130____-347-480V.IES
ERL1	03	D1	2900	2800	25	28	B1-U0-G1	B1-U0-G1	ERL1_03D140____-120-277V.IES	ERL1_03D140____-347-480V.IES	ERL1_03D130____-120-277V.IES	ERL1_03D130____-347-480V.IES
ERL1		E1	3000	2900			B1-U0-G1	B1-U0-G1	ERL1_03E140____-120-277V.IES	ERL1_03E140____-347-480V.IES	ERL1_03E130____-120-277V.IES	ERL1_03E130____-347-480V.IES
ERL1		F1	3000	2900			B1-U0-G1	B1-U0-G1	ERL1_03F140____-120-277V.IES	ERL1_03F140____-347-480V.IES	ERL1_03F130____-120-277V.IES	ERL1_03F130____-347-480V.IES
ERL1		G1	3000	2900			B1-U0-G1	B1-U0-G1	ERL1_03G140____-120-277V.IES	ERL1_03G140____-347-480V.IES	ERL1_03G130____-120-277V.IES	ERL1_03G130____-347-480V.IES
ERL1		A1	3800	3700			B1-U0-G1	B1-U0-G1	ERL1_04A140____-120-277V.IES	ERL1_04A140____-347-480V.IES	ERL1_04A130____-120-277V.IES	ERL1_04A130____-347-480V.IES
ERL1		B1	3900	3800			B1-U0-G1	B1-U0-G1	ERL1_04B140____-120-277V.IES	ERL1_04B140____-347-480V.IES	ERL1_04B130____-120-277V.IES	ERL1_04B130____-347-480V.IES
ERL1		C1	4000	3900			B1-U0-G1	B1-U0-G1	ERL1_04C140____-120-277V.IES	ERL1_04C140____-347-480V.IES	ERL1_04C130____-120-277V.IES	ERL1_04C130____-347-480V.IES
ERL1	04	D1	3900	3800	32	35	B1-U0-G1	B1-U0-G1	ERL1_04D140____-120-277V.IES	ERL1_04D140____-347-480V.IES	ERL1_04D130____-120-277V.IES	ERL1_04D130____-347-480V.IES
ERL1		E1	4000	3900			B1-U0-G1	B1-U0-G1	ERL1_04E140____-120-277V.IES	ERL1_04E140____-347-480V.IES	ERL1_04E130____-120-277V.IES	ERL1_04E130____-347-480V.IES
ERL1		F1	4000	3900			B1-U0-G1	B1-U0-G1	ERL1_04F140____-120-277V.IES	ERL1_04F140____-347-480V.IES	ERL1_04F130____-120-277V.IES	ERL1_04F130____-347-480V.IES
ERL1		G1	4000	3900			B1-U0-G1	B1-U0-G1	ERL1_04G140____-120-277V.IES	ERL1_04G140____-347-480V.IES	ERL1_04G130____-120-277V.IES	ERL1_04G130____-347-480V.IES
ERL1		A1	4800	4600			B2-U0-G1	B2-U0-G1	ERL1_05A140____-120-277V.IES	ERL1_05A140____-347-480V.IES	ERL1_05A130____-120-277V.IES	ERL1_05A130____-347-480V.IES
ERL1		B1	4800	4600			B2-U0-G1	B2-U0-G1	ERL1_05B140____-120-277V.IES	ERL1_05B140____-347-480V.IES	ERL1_05B130____-120-277V.IES	ERL1_05B130____-347-480V.IES
ERL1		C1	5000	4800			B2-U0-G1	B2-U0-G1	ERL1_05C140____-120-277V.IES	ERL1_05C140____-347-480V.IES	ERL1_05C130____-120-277V.IES	ERL1_05C130____-347-480V.IES
ERL1	05	D1	4800	4600	41	45	B1-U0-G1	B1-U0-G1	ERL1_05D140____-120-277V.IES	ERL1_05D140____-347-480V.IES	ERL1_05D130____-120-277V.IES	ERL1_05D130____-347-480V.IES
ERL1		E1	5000	4800			B2-U0-G1	B2-U0-G1	ERL1_05E140____-120-277V.IES	ERL1_05E140____-347-480V.IES	ERL1_05E130____-120-277V.IES	ERL1_05E130____-347-480V.IES
ERL1		F1	5000	4800			B2-U0-G1	B2-U0-G1	ERL1_05F140____-120-277V.IES	ERL1_05F140____-347-480V.IES	ERL1_05F130____-120-277V.IES	ERL1_05F130____-347-480V.IES
ERL1		G1	5000	4800			B2-U0-G1	B2-U0-G1	ERL1_05G140____-120-277V.IES	ERL1_05G140____-347-480V.IES	ERL1_05G130____-120-277V.IES	ERL1_05G130____-347-480V.IES
ERL1		A1	5700	5500			B2-U0-G1	B2-U0-G1	ERL1_06A140____-120-277V.IES	ERL1_06A140____-347-480V.IES	ERL1_06A130____-120-277V.IES	ERL1_06A130____-347-480V.IES
ERL1		B1	5800	5600			B2-U0-G1	B2-U0-G1	ERL1_06B140____-120-277V.IES	ERL1_06B140____-347-480V.IES	ERL1_06B130____-120-277V.IES	ERL1_06B130____-347-480V.IES
ERL1		C1	6000	5800			B2-U0-G1	B2-U0-G1	ERL1_06C140____-120-277V.IES	ERL1_06C140____-347-480V.IES	ERL1_06C130____-120-277V.IES	ERL1_06C130____-347-480V.IES
ERL1	06	D1	5800	5600	53	58	B1-U0-G1	B1-U0-G1	ERL1_06D140____-120-277V.IES	ERL1_06D140____-347-480V.IES	ERL1_06D130____-120-277V.IES	ERL1_06D130____-347-480V.IES
ERL1		E1	6000	5800			B2-U0-G1	B2-U0-G1	ERL1_06E140____-120-277V.IES	ERL1_06E140____-347-480V.IES	ERL1_06E130____-120-277V.IES	ERL1_06E130____-347-480V.IES
ERL1		F1	6000	5800			B2-U0-G1	B2-U0-G1	ERL1_06F140____-120-277V.IES	ERL1_06F140____-347-480V.IES	ERL1_06F130____-120-277V.IES	ERL1_06F130____-347-480V.IES
ERL1		G1	6000	5800			B2-U0-G1	B2-U0-G1	ERL1_06G140____-120-277V.IES	ERL1_06G140____-347-480V.IES	ERL1_06G130____-120-277V.IES	ERL1_06G130____-347-480V.IES
ERL1		A1	6700	6500			B2-U0-G2	B2-U0-G2	ERL1_07A140____.IES		ERL1_07A130____.IES	
ERL1		B1	6800	6600			B2-U0-G1	B2-U0-G1	ERL1_07B140____.IES		ERL1_07B130____.IES	
ERL1		C1	7000	6800			B2-U0-G1	B2-U0-G1	ERL1_07C140____.IES		ERL1_07C130____.IES	
ERL1	07	D1	6800	6600	67		B2-U0-G1	B2-U0-G1	ERL1_07D140____.IES		ERL1_07D130____.IES	
ERL1		E1	7000	6800			B2-U0-G1	B2-U0-G1	ERL1_07E140____.IES		ERL1_07E130____.IES	
ERL1		F1	7000	6800			B2-U0-G2	B2-U0-G2	ERL1_07F140____.IES		ERL1_07F130____.IES	
ERL1		G1	7000	6800			B2-U0-G2	B2-U0-G2	ERL1_07G140____.IES		ERL1_07G130____.IES	
ERL1		A1	8200	8000			B2-U0-G2	B2-U0-G2	ERL1_08A140____.IES		ERL1_08A130____.IES	
ERL1		B1	8300	8100			B2-U0-G1	B2-U0-G1	ERL1_08B140____.IES		ERL1_08B130____.IES	
ERL1		C1	8500	8200			B2-U0-G1	B2-U0-G1	ERL1_08C140____.IES		ERL1_08C130____.IES	
ERL1	08	D1	8300	8100	88		B2-U0-G1	B2-U0-G1	ERL1_08D140____.IES		ERL1_08D130____.IES	
ERL1		E1	8500	8200			B2-U0-G1	B2-U0-G1	ERL1_08E140____.IES		ERL1_08E130____.IES	
ERL1		F1	8500	8200			B2-U0-G2	B2-U0-G2	ERL1_08F140____.IES		ERL1_08F130____.IES	
ERL1		G1	8500	8200			B2-U0-G2	B2-U0-G2	ERL1_08G140____.IES		ERL1_08G130____.IES	

Ordering Number Logic

Evolve™ LED Streetlight (ERS1)

E R S 1 _ _ _ _ X 4 0 _ _ _ _ R _ _

PROD. ID	VOLTAGE	LUMEN OUTPUT	DISTRIBUTION	DRIVE CURRENT	CCT	CONTROLS	COLOR	OPTIONS
E = Evolve **R** = Roadway **S** = Scalable **1** = Single Module	**0** = 120-277* **1** = 120 **2** = 208 **3** = 240 **4** = 277 **5** = 480 **D** = 347 **H** = 347-480* * Not available with Fusing. Must choose a descreet voltage with F option.	**10*** **11** **13*** **14*** **15** See Data Table for more information * Contact Manufacturer for Availabiility	**A1** = Extra Narrow Asymmetric **B1** = Narrow Asymmetric (Medium) **C1** = Asymmetric (Short) **D1** = Asymmetric Forward **E1** = Asymmetric (Medium) **F1** = Asymmetric (Wide) **G1** = Asymmetric (Extra Wide) See Data Table for more information	**X** = Not Applicable	**40** = 4000K	**A** = ANSI C136.41 7-pin **D** = ANSI C136.41 7-pin receptacle with Shorting Cap **E** = ANSI C136.41 7-pin Receptacle with non-Dimming PE Control.* * PE control not available for 347-480V. Must be a discrete voltage (347V or 480V)	**GRAY** = Gray **BLCK** = Black **DKBZ** = Dark Bronze	**F** = Fusing **G** = Internal Bubble Level **L** = Tool-Less Entry **R** = Secondary Enhanced Surge Protection (10kV/5kA) **T** = Secondary Enhanced Surge Protection (20kV/10kA) **Y** = Coastal Finish* **XXX** = Special Options * Recommended for installations within 1 mile from the coast. Contact Factory for Lead-Time.

PRODUCT ID	LUMEN OUTPUT	DISTRIBUTION	TYPICAL INITIAL LUMENS 4000K	TYPICAL SYSTEM WATTAGE 120-277V & 347-480V	BUG RATING 4000K	IES FILE NUMBER 4000K 120-277V
ERS1	10	A1	9500	90	B3-U0-G2	ERS1_10A140_____.IES
ERS1		B1	9800		B3-U0-G1	ERS1_10B140_____.IES
ERS1		C1	10000		B2-U0-G1	ERS1_10C140_____.IES
ERS1		D1	9800		B2-U0-G2	ERS1_10D140_____.IES
ERS1		E1	10000		B2-U0-G2	ERS1_10E140_____.IES
ERS1		F1	10000		B2-U0-G2	ERS1_10F140_____.IES
ERS1		G1	10000		B2-U0-G2	ERS1_10G140_____.IES
ERS1	11	A1	10900	108	B3-U0-G2	ERS1_11A140_____.IES
ERS1		B1	11200		B3-U0-G2	ERS1_11B140_____.IES
ERS1		C1	11500		B3-U0-G2	ERS1_11C140_____.IES
ERS1		D1	11200		B2-U0-G2	ERS1_11D140_____.IES
ERS1		E1	11500		B3-U0-G2	ERS1_11E140_____.IES
ERS1		F1	11500		B3-U0-G2	ERS1_11F140_____.IES
ERS1		G1	11500		B3-U0-G2	ERS1_11G140_____.IES
ERS1	13	A1	12300	125	B3-U0-G2	ERS1_13A140_____.IES
ERS1		B1	12700		B3-U0-G2	ERS1_13B140_____.IES
ERS1		C1	13000		B3-U0-G2	ERS1_13C140_____.IES
ERS1		D1	12700		B3-U0-G2	ERS1_13D140_____.IES
ERS1		E1	13000		B3-U0-G2	ERS1_13E140_____.IES
ERS1		F1	13000		B3-U0-G2	ERS1_13F140_____.IES
ERS1		G1	13000		B3-U0-G2	ERS1_13G140_____.IES
ERS1	14	A1	13300	139	B3-U0-G3	ERS1_14A140_____.IES
ERS1		B1	13700		B3-U0-G2	ERS1_14B140_____.IES
ERS1		C1	14000		B3-U0-G2	ERS1_14C140_____.IES
ERS1		D1	13700		B3-U0-G2	ERS1_14D140_____.IES
ERS1		E1	14000		B3-U0-G2	ERS1_14E140_____.IES
ERS1		F1	14000		B3-U0-G2	ERS1_14F140_____.IES
ERS1		G1	14000		B3-U0-G2	ERS1_14G140_____.IES
ERS1	15	A1	14200	161	B3-U0-G3	ERS1_15A140_____.IES
ERS1		B1	14700		B3-U0-G2	ERS1_15B140_____.IES
ERS1		C1	15000		B3-U0-G2	ERS1_15C140_____.IES
ERS1		D1	14700		B3-U0-G2	ERS1_15D140_____.IES
ERS1		E1	15000		B3-U0-G2	ERS1_15E140_____.IES
ERS1		F1	15000		B3-U0-G2	ERS1_15F140_____.IES
ERS1		G1	15000		B3-U0-G2	ERS1_15G140_____.IES

Ordering Number Logic

Evolve™ LED Streetlight (ERS2)

E R S 2 _ _ _ _ _ _ X _ 40 _ A _ _ _ _ _ R _ _

PROD. ID	VOLTAGE	LUMEN OUTPUT	DISTRIBUTION	DRIVE CURRENT	CCT	CONTROLS	COLOR	OPTIONS
E = Evolve **R** = Roadway **S** = Scalable **2** = Double Module	**0** = 120-277* **1** = 120 **2** = 208 **3** = 240 **4** = 277 **5** = 480 **D** = 347 **H** = 347-480* * Not available with Fusing. Must choose a descreet voltage with F option.	**16*** **18** **19*** **21*** **23** **25*** **27*** See Data Table for more information * Contact Manufacturer for Availabiility	**A1** = Extra Narrow Asymmetric **B1** = Narrow Asymmetric (Medium) **C1** = Asymmetric (Short) **D1** = Asymmetric Forward **E1** = Asymmetric (Medium) **F1** = Asymmetric (Wide) **G1** = Asymmetric (Extra Wide) See Data Table for more information	**X** = Not Applicable	**40** = 4000K	**A** = ANSI C136.41 7-pin **D** = ANSI C136.41 7-pin receptacle with Shorting Cap **E** = ANSI C136.41 7-pin Receptacle with non-Dimming PE Control.* * PE control not available for 347-480V. Must be a discrete voltage (347V or 480V)	**GRAY** = Gray **BLCK** = Black **DKBZ** = Dark Bronze	**F** = Fusing **G** = Internal Bubble Level **L** = Tool-Less Entry **R** = Secondary Enhanced Surge Protection (10kV/5kA) **T** = Secondary Enhanced Surge Protection (20kV/10kA) **Y** = Coastal Finish * **XXX** = Special Options * Recommended for installations within 1 mile from the coast. Contact Factory for Lead-Time.

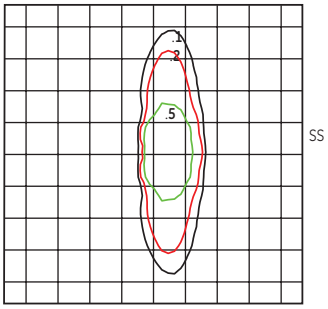
PRODUCT ID	LUMEN OUTPUT	DISTRIBUTION	TYPICAL INITIAL LUMENS 4000K	TYPICAL SYSTEM WATTAGE 120-277V & 347-480V	BUG RATING 4000K	IES FILE NUMBER 4000K 120-277V
ERS2		A1	15200		B3-U0-G3	ERS2_16A140____.IES
ERS2		B1	15700		B3-U0-G2	ERS2_16B140____.IES
ERS2		C1	16000		B3-U0-G2	ERS2_16C140____.IES
ERS2	16	D1	15700	132	B3-U0-G2	ERS2_16D140____.IES
ERS2		E1	16000		B3-U0-G2	ERS2_16E140____.IES
ERS2		F1	16000		B3-U0-G2	ERS2_16F140____.IES
ERS2		G1	16000		B3-U0-G2	ERS2_16G140____.IES
ERS2		A1	17100		B3-U0-G3	ERS2_18A140____.IES
ERS2		B1	17600		B3-U0-G2	ERS2_18B140____.IES
ERS2		C1	18000		B3-U0-G2	ERS2_18C140____.IES
ERS2	18	D1	17600	157	B3-U0-G2	ERS2_18D140____.IES
ERS2		E1	18000		B3-U0-G2	ERS2_18E140____.IES
ERS2		F1	18000		B3-U0-G3	ERS2_18F140____.IES
ERS2		G1	18000		B3-U0-G2	ERS2_18G140____.IES
ERS2		A1	18000		B3-U0-G3	ERS2_19A140____.IES
ERS2		B1	18600		B3-U0-G2	ERS2_19B140____.IES
ERS2		C1	19000		B3-U0-G2	ERS2_19C140____.IES
ERS2	19	D1	18600	162	B3-U0-G2	ERS2_19D140____.IES
ERS2		E1	19000		B3-U0-G2	ERS2_19E140____.IES
ERS2		F1	19000		B3-U0-G3	ERS2_19F140____.IES
ERS2		G1	19000		B3-U0-G3	ERS2_19G140____.IES
ERS2		A1	20000		B3-U0-G3	ERS2_21A140____.IES
ERS2		B1	20600		B3-U0-G2	ERS2_21B140____.IES
ERS2		C1	21000		B3-U0-G2	ERS2_21C140____.IES
ERS2	21	D1	20600	193	B3-U0-G2	ERS2_21D140____.IES
ERS2		E1	21000		B3-U0-G2	ERS2_21E140____.IES
ERS2		F1	21000		B3-U0-G3	ERS2_21F140____.IES
ERS2		G1	21000		B3-U0-G3	ERS2_21G140____.IES
ERS2		A1	21900		B4-U0-G3	ERS2_23A140____.IES
ERS2		B1	22500		B3-U0-G3	ERS2_23B140____.IES
ERS2		C1	23000		B3-U0-G2	ERS2_23C140____.IES
ERS2	23	D1	22500	219	B3-U0-G2	ERS2_23D140____.IES
ERS2		E1	23000		B3-U0-G2	ERS2_23E140____.IES
ERS2		F1	23000		B3-U0-G3	ERS2_23F140____.IES
ERS2		G1	23000		B3-U0-G3	ERS2_23G140____.IES
ERS2		A1	23800		B4-U0-G3	ERS2_25A140____.IES
ERS2		B1	24500		B4-U0-G3	ERS2_25B140____.IES
ERS2		C1	25000		B3-U0-G2	ERS2_25C140____.IES
ERS2	25	D1	24500	243	B3-U0-G3	ERS2_25D140____.IES
ERS2		E1	25000		B3-U0-G3	ERS2_25E140____.IES
ERS2		F1	25000		B3-U0-G3	ERS2_25F140____.IES
ERS2		G1	25000		B3-U0-G3	ERS2_25G140____.IES
ERS2		A1	25700		B4-U0-G3	ERS2_27A140____.IES
ERS2		B1	26500		B4-U0-G3	ERS2_27B140____.IES
ERS2		C1	27000		B4-U0-G3	ERS2_27C140____.IES
ERS2	27	D1	26500	275	B3-U0-G3	ERS2_27D140____.IES
ERS2		E1	27000		B4-U0-G3	ERS2_27E140____.IES
ERS2		F1	27000		B4-U0-G4	ERS2_27F140____.IES
ERS2		G1	27000		B4-U0-G3	ERS2_27G140____.IES

Photometrics

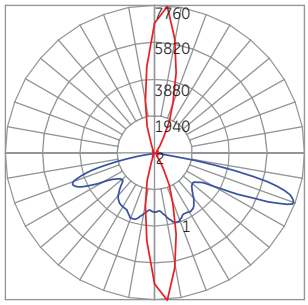
Evolve™ LED Streetlight (ERL)

ERL
Extra Narrow Asymmetric (08A1)

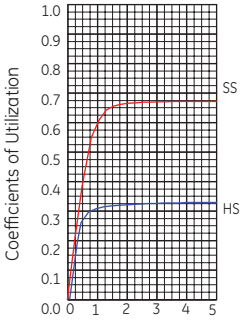
8,200 Lumens
4000K
ERL1_08A140_____.IES



Grid Distance in Units of Mounting Height at 30' Initial Footcandle Values at Grade



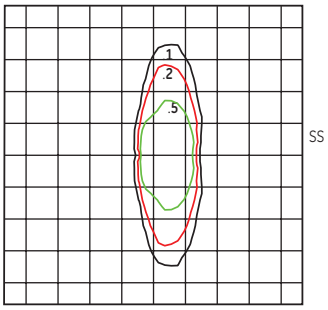
— Vertical plane through horizontal angle of maximum candlepower at 85°
— Vertical plane through horizontal angle of 70°



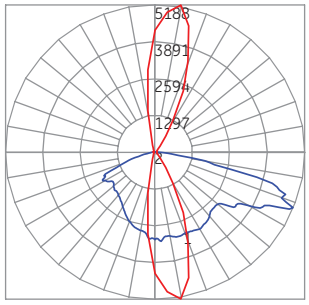
Street Width/Mounting Height

ERL
Narrow Asymmetric (Medium)(08B1)

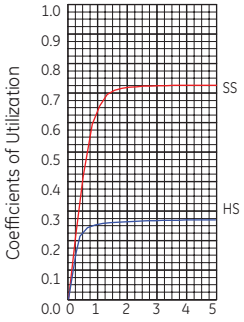
8,300 Lumens
4000K
ERL1_08B140_____.IES



Grid Distance in Units of Mounting Height at 30' Initial Footcandle Values at Grade



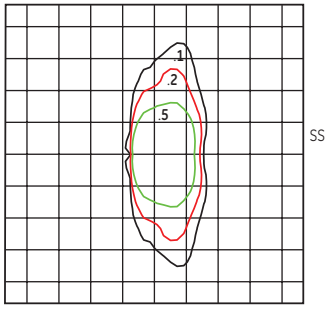
— Vertical plane through horizontal angle of maximum candlepower at 80°
— Vertical plane through horizontal angle of 68°



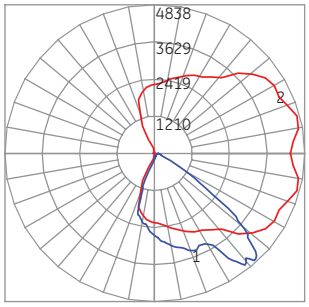
Street Width/Mounting Height

ERL
Asymmetric Short (08C1)

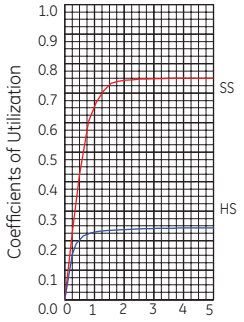
8,500 Lumens
4000K
ERL1_08C140_____.IES



Grid Distance in Units of Mounting Height at 30' Initial Footcandle Values at Grade



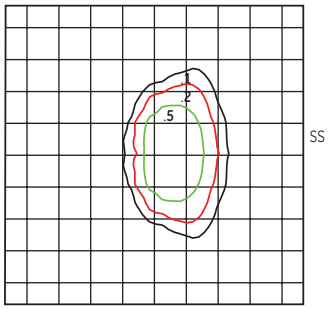
— Vertical plane through horizontal angle of maximum candlepower at 15°
— Vertical plane through horizontal angle of 42°



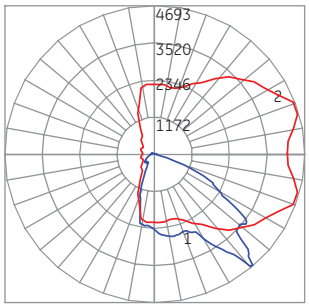
Street Width/Mounting Height

ERL
Asymmetric Forward (08D1)

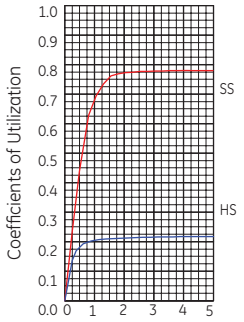
8,300 Lumens
4000K
ERL1_08D140_____.IES



Grid Distance in Units of Mounting Height at 30' Initial Footcandle Values at Grade



— Vertical plane through horizontal angle of maximum candlepower at 15°
— Vertical plane through horizontal angle of 42°



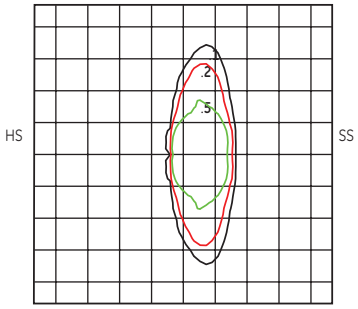
Street Width/Mounting Height

Photometrics

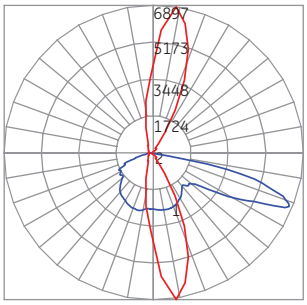
Evolve™ LED Streetlight (ERL)

ERL Asymmetric Medium (08E1)

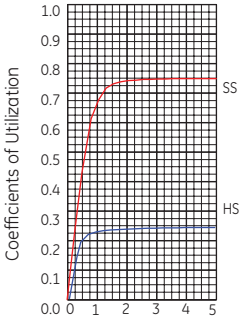
8,500 Lumens
4000K
ERL1_08E140_____.IES



Grid Distance in Units of Mounting Height at 30' Initial Footcandle Values at Grade



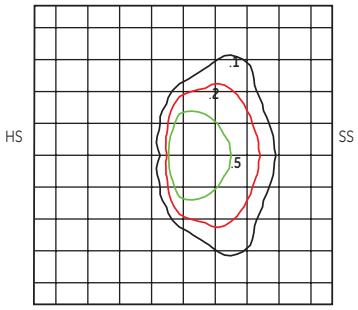
— Vertical plane through horizontal angle of maximum candlepower at 80°
— Vertical plane through horizontal angle of 69°



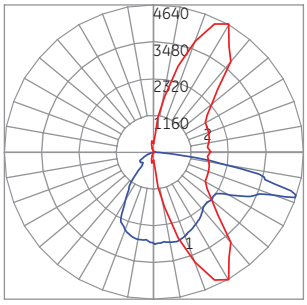
Street Width/Mounting Height

ERL Asymmetric Wide (08F1)

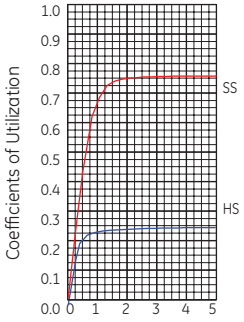
8,500 Lumens
4000K
ERL1_08F140_____.IES



Grid Distance in Units of Mounting Height at 30' Initial Footcandle Values at Grade



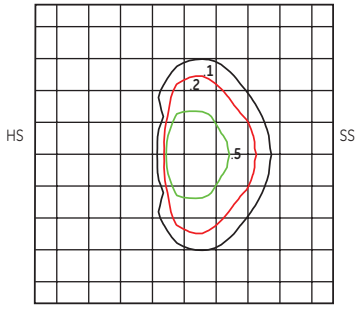
— Vertical plane through horizontal angle of maximum candlepower at 60°
— Vertical plane through horizontal angle of 73°



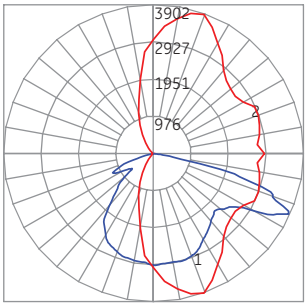
Street Width/Mounting Height

ERL Asymmetric Extra Wide (08G1)

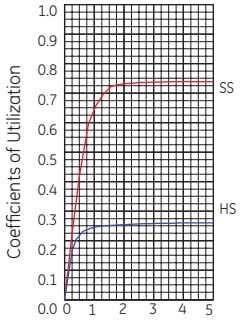
8,500 Lumens
4000K
ERL1_08G140_____.IES



Grid Distance in Units of Mounting Height at 30' Initial Footcandle Values at Grade



— Vertical plane through horizontal angle of maximum candlepower at 70°
— Vertical plane through horizontal angle of 66°



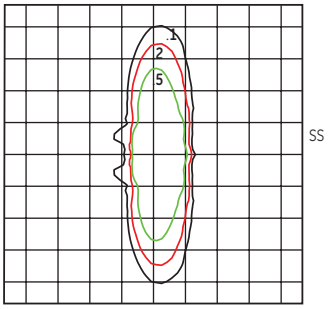
Street Width/Mounting Height

Photometrics

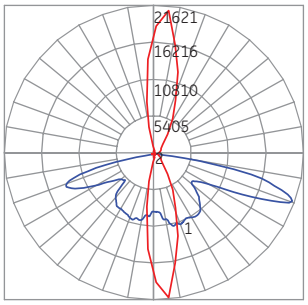
Evolve™ LED Streetlight (ERS)

ERS
Extra Narrow Asymmetric (27A1)

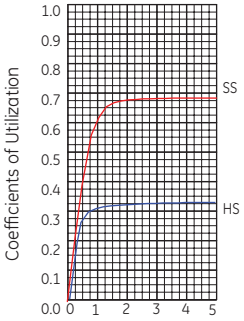
25,700 Lumens
4000K
ERS2_27A140____.IES



Grid Distance in Units of Mounting Height at 30' Initial Footcandle Values at Grade



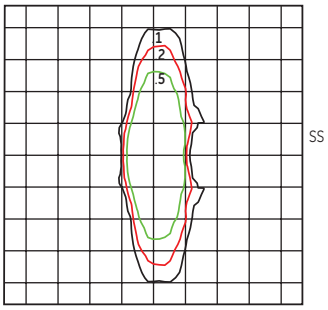
— Vertical plane through horizontal angle of maximum candlepower at 85°
— Vertical plane through horizontal angle of 71°



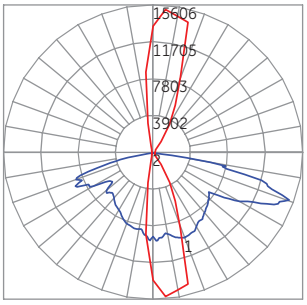
Street Width/Mounting Height

ERS
Narrow Asymmetric (Medium) (27B1)

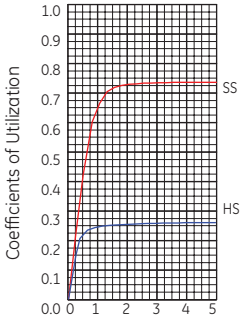
26,500 Lumens
4000K
ERS2_27B140____.IES



Grid Distance in Units of Mounting Height at 30' Initial Footcandle Values at Grade



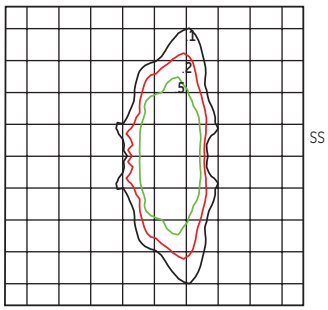
— Vertical plane through horizontal angle of maximum candlepower at 85°
— Vertical plane through horizontal angle of 71°



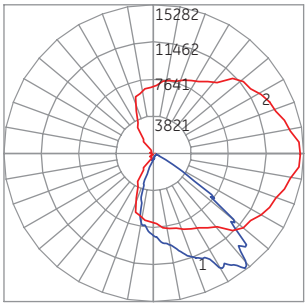
Street Width/Mounting Height

ERS
Asymmetric Short (27C1)

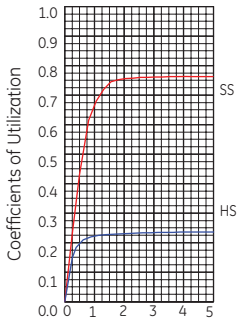
27,000 Lumens
4000K
ERS2_27C140____.IES



Grid Distance in Units of Mounting Height at 30' Initial Footcandle Values at Grade



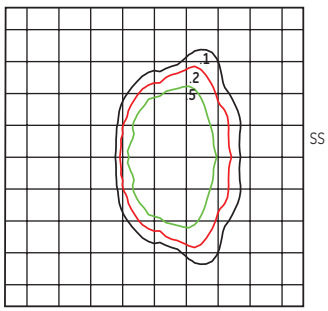
— Vertical plane through horizontal angle of maximum candlepower at 0°
— Vertical plane through horizontal angle of 38°



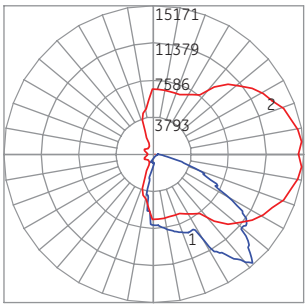
Street Width/Mounting Height

ERS
Asymmetric Forward (27D1)

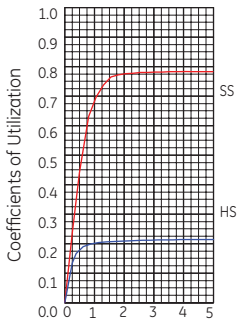
26,500 Lumens
4000K
ERS2_27D140____.IES



Grid Distance in Units of Mounting Height at 30' Initial Footcandle Values at Grade



— Vertical plane through horizontal angle of maximum candlepower at 5°
— Vertical plane through horizontal angle of 41°



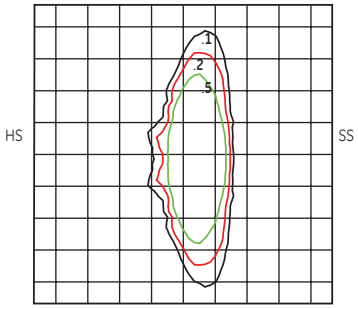
Street Width/Mounting Height

Photometrics

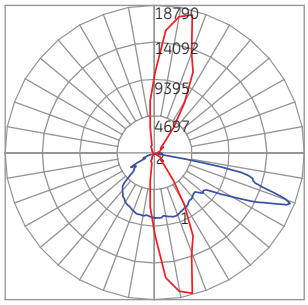
Evolve™ LED Streetlight (ERS)

ERS Asymmetric Medium (27E1)

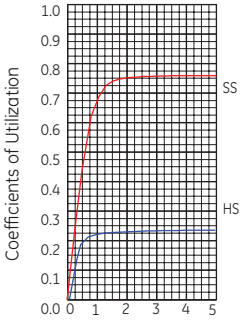
27,000 Lumens
4000K
ERS2_27E140____.IES



Grid Distance in Units of Mounting Height at 30' Initial Footcandle Values at Grade



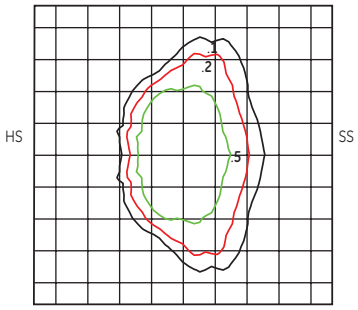
— Vertical plane through horizontal angle of maximum candlepower at 75°
— Vertical plane through horizontal angle of 70°



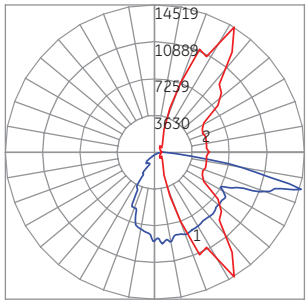
Street Width/Mounting Height

ERS Asymmetric Wide (27F1)

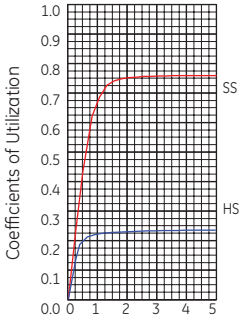
27,000 Lumens
4000K
ERS2_27F140____.IES



Grid Distance in Units of Mounting Height at 30' Initial Footcandle Values at Grade



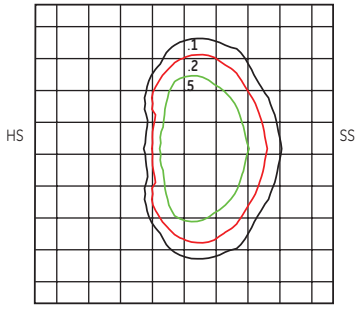
— Vertical plane through horizontal angle of maximum candlepower at 60°
— Vertical plane through horizontal angle of 75°



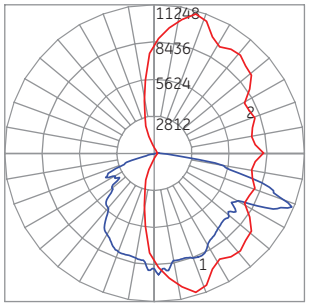
Street Width/Mounting Height

ERS Asymmetric Extra Wide (27G1)

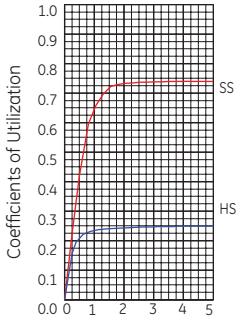
27,000 Lumens
4000K
ERS2_27G140____.IES



Grid Distance in Units of Mounting Height at 30' Initial Footcandle Values at Grade



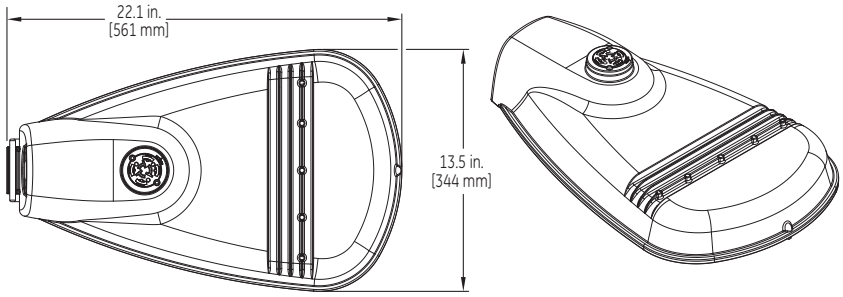
— Vertical plane through horizontal angle of maximum candlepower at 75°
— Vertical plane through horizontal angle of 68°

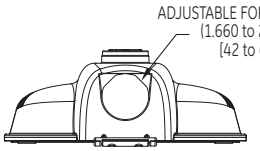


Street Width/Mounting Height

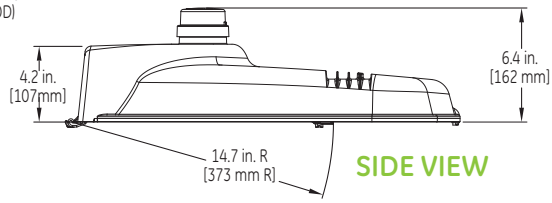
Product Dimensions

Evolve™ LED Streetlight (ERL)

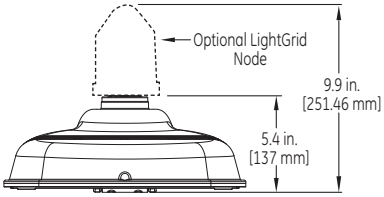




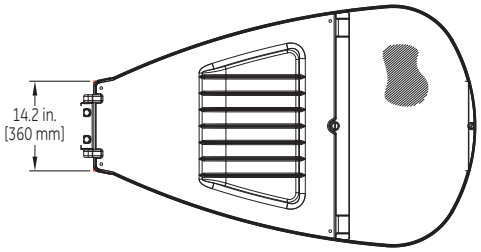
BACK VIEW

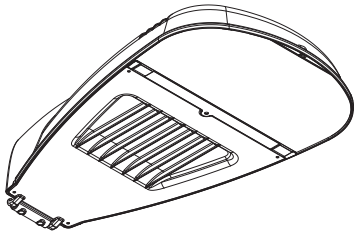


SIDE VIEW



FRONT VIEW



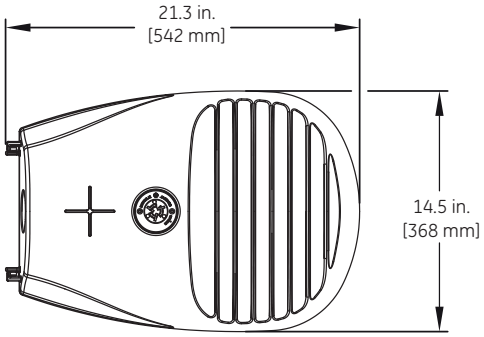


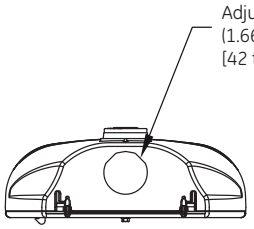
DATA

- Approximate net weight: 15.5 lbs (7.0 kgs)
  Contact manufacturer for specific configuration weight.
- Effective Projected Area (EPA): 0.5 sq ft max (0.046 sq m)

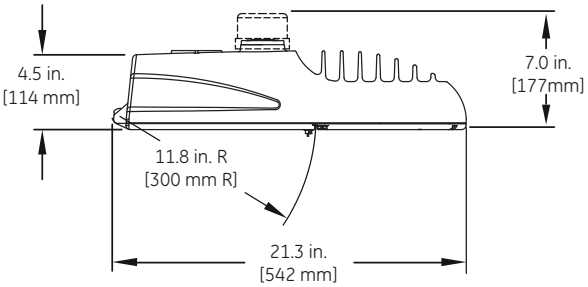
Product Dimensions

Evolve™ LED Streetlight (ERS1)

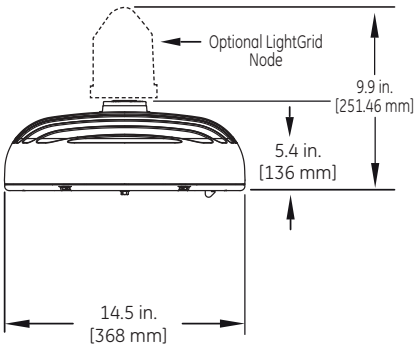




BACK VIEW



SIDE VIEW



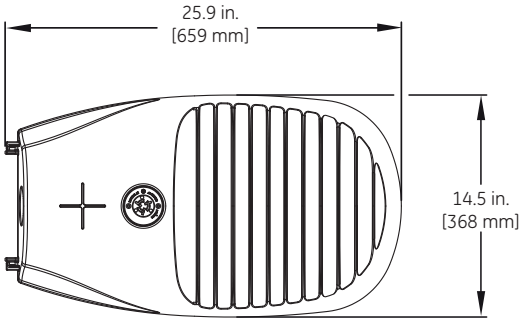
FRONT VIEW

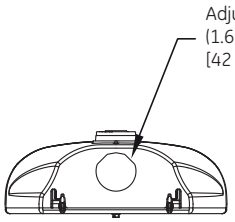
DATA

- Approximate Net Weight: 20 to 25 lbs. (9.07 to 11.34 kgs.) Contact manufacturer for specific configuration weight.
- Effective Projected Area (EPA): 0.5 sq. ft. max (0.046 sq. m)

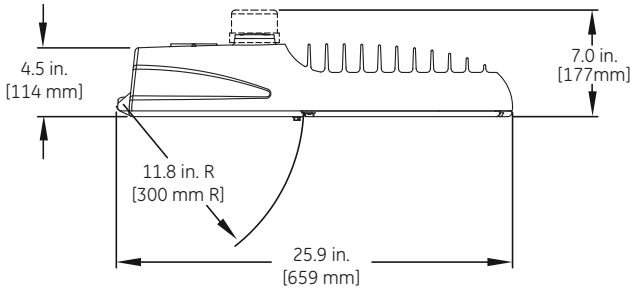
Product Dimensions

Evolve™ LED Streetlight (ERS2)

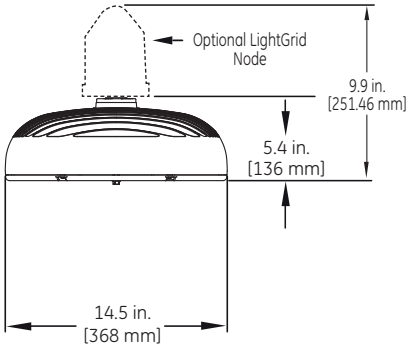




BACK VIEW



SIDE VIEW



FRONT VIEW

DATA

- Approximate Net Weight: 25 to 29 lbs. (11.34 to 13.15 kgs.) Contact manufacturer for specific configuration weight.
- Effective Projected Area (EPA): 0.7 sq. ft. max (0.065 sq. m)

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OLP3105 (Rev 12/10/15)