

CUSTOMER NAME _____
PROJECT NAME _____
DATE _____ TYPE _____
CATALOG NUMBER _____

ERL2 Gen 7 Cobra Head

LED Roadway Lighting

The Evolve® LED Roadway ERL2 Luminaire is optimized utilizing advanced LED reflective optical system for local, collector and major roadways. The modern design incorporates the heat sink directly into the unit for heat transfer to prolong LED life. The ERL2 is available with legacy NEMA/ANSI 7-Pin receptacle and/or Zhaga Book 18 receptacle for easy integration with asset management devices and sensors.



Construction

Housing:	Aluminum die cast enclosure Standard Tool-less entry Integral heat sink for maximum heat transfer
Lens:	Impact Resistant Tempered Glass Visual Comfort Lens available
Paint:	Corrosion resistant polyester powder paint, minimum 2.0 mil thickness (RAL & custom colors available) Standard = Gray, Black, and Dark Bronze Optional = Coastal Finish
Weight:	24 lbs (10.9 kgs)

Optical System

Lumens:	16,000 - 37,000
Distribution:	Type II Narrow, Type II Wide, Type III, Type IV and Type II Enhanced Back light
Efficacy:	119-149 LPW
CCT:	2700K, 3000K, 4000K
CRI (Min):	70 CRI

Electrical

Input Voltage (V):	120-277, 347-480 or 277-480
Input Frequency (Hz):	50/60Hz
Power Factor:	≥ 0.9 at rated watts
Total Harmonic Distortion:	≤ 20% at rated watts

Electrical*

STANDARD	OPTIONAL
10kV/5kA:	Secondary 10kV/5kA (R Option) or Secondary 20kV/10kA (T Option)

*Per ANSI C136.2-2023



Lumen Maintenance

Projected Lxx per IES TM-21-11 at 25°C

LUMEN CODES	LXX(≥10K) @ HOURS (70 CRI)			
	25,000 HR	50,000 HR	75,000 HR	100,000 HR
16-19	97	95	94	90
20-23	97	95	94	90
24-27	96	93	92	87
28-29	95	91	90	84
30-32	98	97	97	--
33-37	97	96	96	--

Note: Projected Lxx based on LM80 (≥ 10,000 hour testing). Accepted Industry tolerances apply to initial luminous flux and lumen maintenance measurements.

Ratings

Operating Temp:	-40°C to 50°C
Vibration:	3G per ANSI C136.2-2023
LM-79:	Testing in accordance with IES Standards
EMI:	Title 47 CFR Part 15 Class A
RoHS:	Complies with the material restrictions of RoHS

Controls

Dimming:	Standard: 0-10V Optional: DALI D4i (Option U4)
Sensors:	Photo Electric Sensors (PE) available LightGrid™ Compatible Zhaga Book 18 Sensor Compatible

Warranty

5 Year (Standard)	10 Year (Optional)
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Ordering Information

ERL2

PROD. ID	VOLTAGE	LUMEN CODE	DISTRIBUTION ¹	CCT	RECEPTACLES ²	COLOR	OPTIONS
E = Evolve	0 = 120-277V ⁶	16	Standard Glass	27 = 2700K 70 CRI	Top Only	GRAY = Gray	A = 4 Bolt Slipfitter
R = Roadway	H = 347-480V ⁶	17	A7 = Type II Narrow	30 = 3000K 70 CRI	1 = Top: None	BLCK = Black	C1 = Captive Door
L = Local	E = 277-480V ⁶	18	B7 = Type II	40 = 4000K 70 CRI	A = Top: ANSI 7-Pin ^{3,4}	DKBZ = Dark Bronze	F = Fusing ^{6,7}
2 = Dual Module		19	C7 = Type III	28 = 2700K 80 CRI ¹¹	D = Top: ANSI 7-Pin w/ Shrt Cap ^{3,4}		G = Internal Bubble Level
		20	D7 = Type IV	38 = 3000K 80 CRI ¹¹	E = Top: ANSI 7-Pin w/ Long Life PE ^{3,4}		I = IP66 Optical
		21	E7 = Type II Enhanced Back Light	48 = 4000K 80 CRI ¹¹			R = 10kV/5kA Secondary SPD
		22					T = 20kV/10kA Secondary SPD ⁷
		23	Visual Comfort Lens		Top & Bottom		U4 = DALI D4i ^{3,4,5,8}
		24	J7 = Type II Narrow		G = Top : ANSI 7-Pin +Bottom: Zhaga Book 18 ⁵		V1 = Field Adjustable Module ⁹
		25	K7 = Type II		H = Top : ANSI 7-pin w/Shrt Cap + Bottom: Zhaga Book 18 ⁵		Y = Coastal Finish ^{9,10}
		26	L7 = Type III		J = Top: ANSI 7-Pin w/ Long Life PE + Bottom: Zhaga Book 18 ⁵		D1 = BABA Compliant request ¹²
		27	M7 = Type IV		Z = Top: None + Bottom: Book 18 ⁵		XXX = Special Options
		28	N7 = Type II Enhanced Back Light				
		29					
		30					
		32					
		34					
		36					
		37					

- Nominal IES Type classing subject to typical variation, individual units may differ, review IES files for individual sku typing.
- 7-Pin receptacle per ANSI C136.41 and/or 4-Pin receptacle per Zhaga Book 18.
- 7 Pin receptacle wired for 0-10V control unless Dali (U4) selected.
- If U4 option is selected and A, D or E (7-Pin) receptacle option is selected, the D4i driver is configured with the DALI Integrated Power BUS enabled. Contact factory if DALI is desired with Integrated Power BUS disabled.
- When ordering Zhaga Book 18 receptacle, Dali-D4i (Option U4) must be selected.
- Fusing not available with multi-volt (0, H or E) Input Voltages.
- Secondary 20kV SPD (Option T) may not be available with Fusing (Option F). Contact factory if required.
- Field Adjustable Module (option V1) not available with Dali (Option U4).
- Coastal Finish (option Y) is recommended for installations within 750 feet from coast. Lead time varies, check with factory.
- Coastal Finish (option Y) with Zhaga Book 18 Receptacle on the door (RECEPTACLE=G, H, J, Z) may have extended lead time.
- If 80 CRI is selected use multipliers on page 7 to determine lumens.
- BABA compliant configurations available. D1 must be placed at the end of ordering nomenclature. Please contact factory to verify if specific configuration is compliant.

Suggested HID Replacement

Approximately 21,500-37,000 lumens to replace 400W HPS Cobra-head

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

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LUMEN CODE	DISTRIBUTION	TYPICAL INITIAL LUMENS (70 CRI)			TYPICAL WATTAGE	LPW*	BUG RATINGS (70 CRI)		
		4000K	3000K	2700K			4000K	3000K	2700K
16	A7	16000	15300	14200	109	149	B3-U0-G3	B3-U0-G3	B3-U0-G3
	B7						B3-U0-G3	B3-U0-G3	B2-U0-G2
	C7						B2-U0-G3	B2-U0-G3	B2-U0-G3
	D7						B2-U0-G3	B2-U0-G2	B2-U0-G2
	E7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	J7	14880	14229	13206		139	B3-U0-G3	B3-U0-G3	B3-U0-G3
	K7						B3-U0-G3	B3-U0-G3	B2-U0-G2
	L7						B3-U0-G3	B2-U0-G3	B2-U0-G3
	M7						B2-U0-G3	B2-U0-G3	B2-U0-G3
	N7						B3-U0-G3	B3-U0-G3	B3-U0-G3
17	A7	17000	16300	15100	117	147	B3-U0-G3	B3-U0-G3	B3-U0-G3
	B7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	C7						B2-U0-G3	B2-U0-G3	B2-U0-G3
	D7						B2-U0-G3	B2-U0-G3	B2-U0-G2
	E7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	J7	15810	15159	14043		137	B3-U0-G3	B3-U0-G3	B3-U0-G3
	K7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	L7						B3-U0-G3	B3-U0-G3	B2-U0-G3
	M7						B2-U0-G3	B2-U0-G3	B2-U0-G3
	N7						B3-U0-G3	B3-U0-G3	B3-U0-G3
18	A7	18000	17300	16000	125	146	B3-U0-G3	B3-U0-G3	B3-U0-G3
	B7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	C7						B3-U0-G3	B3-U0-G3	B2-U0-G3
	D7						B2-U0-G3	B2-U0-G3	B2-U0-G3
	E7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	J7	16740	16089	14880		136	B3-U0-G3	B3-U0-G3	B3-U0-G3
	K7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	L7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	M7						B2-U0-G3	B2-U0-G3	B2-U0-G3
	N7						B3-U0-G3	B3-U0-G3	B3-U0-G3
19	A7	19000	18200	16900	133	144	B3-U0-G3	B3-U0-G3	B3-U0-G3
	B7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	C7						B3-U0-G3	B3-U0-G3	B2-U0-G3
	D7						B2-U0-G3	B2-U0-G3	B2-U0-G3
	E7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	J7	17670	16926	15717		134	B3-U0-G3	B3-U0-G3	B3-U0-G3
	K7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	L7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	M7						B2-U0-G3	B2-U0-G3	B2-U0-G3
	N7						B3-U0-G3	B3-U0-G3	B3-U0-G3

* LPW based on 120-277 V, 0-10 V dimming, & 4000K CCT 70 CRI (utilizing non-rounded lumens & watts)

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LUMEN CODE	DISTRIBUTION	TYPICAL INITIAL LUMENS (70 CRI)			TYPICAL WATTAGE	LPW*	BUG RATINGS (70 CRI)		
		4000K	3000K	2700K			4000K	3000K	2700K
20	A7	20000	19200	17800	141	142	B3-U0-G3	B3-U0-G3	B3-U0-G3
	B7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	C7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	D7						B2-U0-G3	B2-U0-G3	B2-U0-G3
	E7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	J7	18600	17856	16554		132	B3-U0-G3	B3-U0-G3	B3-U0-G3
	K7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	L7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	M7						B2-U0-G3	B2-U0-G3	B2-U0-G3
	N7						B3-U0-G3	B3-U0-G3	B3-U0-G3
21	A7	21000	20100	18700	150	140	B3-U0-G3	B3-U0-G3	B3-U0-G3
	B7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	C7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	D7						B2-U0-G3	B2-U0-G3	B2-U0-G3
	E7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	J7	19530	18693	17391		130	B3-U0-G3	B3-U0-G3	B3-U0-G3
	K7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	L7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	M7						B2-U0-G3	B2-U0-G3	B2-U0-G3
	N7						B3-U0-G3	B3-U0-G3	B3-U0-G3
22	A7	22000	21100	19600	160	138	B3-U0-G3	B3-U0-G3	B3-U0-G3
	B7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	C7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	D7						B2-U0-G3	B2-U0-G3	B2-U0-G3
	E7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	J7	20460	19623	18228		128	B3-U0-G3	B3-U0-G3	B3-U0-G3
	K7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	L7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	M7						B2-U0-G3	B2-U0-G3	B2-U0-G3
	N7						B3-U0-G3	B3-U0-G3	B3-U0-G3
23	A7	23000	22100	20500	169	136	B3-U0-G3	B3-U0-G3	B3-U0-G3
	B7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	C7						B3-U0-G4	B3-U0-G4	B3-U0-G3
	D7						B2-U0-G3	B2-U0-G3	B2-U0-G3
	E7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	J7	21390	20553	19065		126	B3-U0-G3	B3-U0-G3	B3-U0-G3
	K7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	L7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	M7						B2-U0-G3	B2-U0-G3	B2-U0-G3
	N7						B3-U0-G3	B3-U0-G3	B3-U0-G3

* LPW based on 120-277 V, 0-10 V dimming, & 4000K CCT 70 CRI (utilizing non-rounded lumens & watts)

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LUMEN CODE	DISTRIBUTION	TYPICAL INITIAL LUMENS (70 CRI)			TYPICAL WATTAGE	LPW*	BUG RATINGS (70 CRI)		
		4000K	3000K	2700K			4000K	3000K	2700K
24	A7	24000	23000	21300	179	134	B3-U0-G3	B3-U0-G3	B3-U0-G3
	B7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	C7						B3-U0-G4	B3-U0-G4	B3-U0-G3
	D7						B2-U0-G4	B2-U0-G3	B2-U0-G3
	E7						B4-U0-G4	B3-U0-G3	B3-U0-G3
	J7	22320	21390	19809		125	B3-U0-G3	B3-U0-G3	B3-U0-G3
	K7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	L7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	M7						B3-U0-G3	B2-U0-G3	B2-U0-G3
	N7						B3-U0-G3	B3-U0-G3	B3-U0-G3
25	A7	25000	24000	22200	189	132	B3-U0-G3	B3-U0-G3	B3-U0-G3
	B7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	C7						B3-U0-G4	B3-U0-G4	B3-U0-G4
	D7						B2-U0-G4	B2-U0-G4	B2-U0-G3
	E7						B4-U0-G4	B4-U0-G4	B3-U0-G3
	J7	23250	22320	20646		123	B3-U0-G3	B3-U0-G3	B3-U0-G3
	K7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	L7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	M7						B3-U0-G3	B3-U0-G3	B2-U0-G3
	N7						B3-U0-G3	B3-U0-G3	B3-U0-G3
26	A7	26000	25000	23100	199	130	B4-U0-G4	B3-U0-G3	B3-U0-G3
	B7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	C7						B3-U0-G4	B3-U0-G4	B3-U0-G4
	D7						B2-U0-G4	B2-U0-G4	B2-U0-G3
	E7						B4-U0-G4	B4-U0-G4	B3-U0-G3
	J7	24180	23250	21483		121	B3-U0-G3	B3-U0-G3	B3-U0-G3
	K7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	L7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	M7						B3-U0-G3	B3-U0-G3	B2-U0-G3
	N7						B3-U0-G3	B3-U0-G3	B3-U0-G3
27	A7	27000	26000	24000	210	130	B4-U0-G4	B4-U0-G4	B3-U0-G3
	B7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	C7						B3-U0-G4	B3-U0-G4	B3-U0-G4
	D7						B2-U0-G4	B2-U0-G4	B2-U0-G4
	E7						B4-U0-G4	B4-U0-G4	B4-U0-G4
	J7	25110	24180	22320		121	B3-U0-G3	B3-U0-G3	B3-U0-G3
	K7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	L7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	M7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	N7						B3-U0-G3	B3-U0-G3	B3-U0-G3

* LPW based on 120-277 V, 0-10 V dimming, & 4000K CCT 70 CRI (utilizing non-rounded lumens & watts)

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		4000K	3000K	2700K			4000K	3000K	2700K
28	A7	28000	26900	24900	220	128	B4-U0-G4	B4-U0-G4	B3-U0-G3
	B7						B3-U0-G4	B3-U0-G3	B3-U0-G3
	C7						B3-U0-G4	B3-U0-G4	B3-U0-G4
	D7						B3-U0-G4	B2-U0-G4	B2-U0-G4
	E7						B4-U0-G4	B4-U0-G4	B4-U0-G4
	J7	26040	25017	23157		119	B3-U0-G3	B3-U0-G3	B3-U0-G3
	K7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	L7						B3-U0-G4	B3-U0-G3	B3-U0-G3
	M7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	N7						B4-U0-G3	B3-U0-G3	B3-U0-G3
29	A7	29000	27800	25800	229	126	B4-U0-G4	B4-U0-G4	B4-U0-G4
	B7						B3-U0-G4	B3-U0-G4	B3-U0-G3
	C7						B3-U0-G4	B3-U0-G4	B3-U0-G4
	D7						B3-U0-G4	B3-U0-G4	B2-U0-G4
	E7						B4-U0-G4	B4-U0-G4	B4-U0-G4
	J7	26970	25854	23994		117	B3-U0-G3	B3-U0-G3	B3-U0-G3
	K7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	L7						B3-U0-G4	B3-U0-G4	B3-U0-G3
	M7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	N7						B4-U0-G4	B4-U0-G3	B3-U0-G3
30	A7	30000	28800	27900	232	132	B4-U0-G4	B4-U0-G4	B4-U0-G4
	B7						B3-U0-G4	B3-U0-G4	B3-U0-G3
	C7						B3-U0-G4	B3-U0-G4	B3-U0-G4
	D7						B3-U0-G4	B3-U0-G4	B3-U0-G4
	E7						B4-U0-G4	B4-U0-G4	B4-U0-G4
	J7	27900	26784	25947		123	B4-U0-G3	B3-U0-G3	B3-U0-G3
	K7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	L7						B3-U0-G4	B3-U0-G4	B3-U0-G4
	M7						B3-U0-G4	B3-U0-G3	B3-U0-G3
	N7						B4-U0-G4	B4-U0-G4	B4-U0-G3
32	A7	32000	30700	29700	248	133	B4-U0-G4	B4-U0-G4	B4-U0-G4
	B7						B3-U0-G4	B3-U0-G4	B3-U0-G4
	C7						B3-U0-G4	B3-U0-G4	B3-U0-G4
	D7						B3-U0-G4	B3-U0-G4	B3-U0-G4
	E7						B4-U0-G4	B4-U0-G4	B4-U0-G4
	J7	29760	28551	27621		124	B4-U0-G3	B4-U0-G3	B3-U0-G3
	K7						B3-U0-G3	B3-U0-G3	B3-U0-G3
	L7						B3-U0-G4	B3-U0-G4	B3-U0-G4
	M7						B3-U0-G4	B3-U0-G4	B3-U0-G3
	N7						B4-U0-G4	B4-U0-G4	B4-U0-G4

* LPW based on 120-277 V, 0-10 V dimming, & 4000K CCT 70 CRI (utilizing non-rounded lumens & watts)

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CATALOG NUMBER

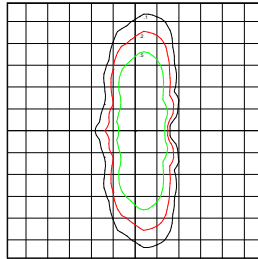
LUMEN CODE	DISTRIBUTION	TYPICAL INITIAL LUMENS (70 CRI)			TYPICAL WATTAGE	LPW*	BUG RATINGS (70 CRI)		
		4000K	3000K	2700K			4000K	3000K	2700K
34	A7	34000	32600	31600	268	131	B4-U0-G4	B4-U0-G4	B4-U0-G4
	B7						B3-U0-G4	B3-U0-G4	B3-U0-G4
	C7						B3-U0-G4	B3-U0-G4	B3-U0-G4
	D7						B3-U0-G4	B3-U0-G4	B3-U0-G4
	E7						B4-U0-G4	B4-U0-G4	B4-U0-G4
	J7	31620	30318	29388		122	B4-U0-G3	B4-U0-G3	B4-U0-G3
	K7						B3-U0-G4	B3-U0-G4	B3-U0-G3
	L7						B3-U0-G4	B3-U0-G4	B3-U0-G4
	M7						B3-U0-G4	B3-U0-G4	B3-U0-G4
	N7						B4-U0-G4	B4-U0-G4	B4-U0-G4
36	A7	36000	34500	33500	286	129	B4-U0-G4	B4-U0-G4	B4-U0-G4
	B7						B3-U0-G4	B3-U0-G4	B3-U0-G4
	C7						B3-U0-G4	B3-U0-G4	B3-U0-G4
	D7						B3-U0-G4	B3-U0-G4	B3-U0-G4
	E7						B4-U0-G4	B4-U0-G4	B4-U0-G4
	J7	33480	32085	31155		120	B4-U0-G4	B4-U0-G3	B4-U0-G3
	K7						B3-U0-G4	B3-U0-G4	B3-U0-G4
	L7						B3-U0-G4	B3-U0-G4	B3-U0-G4
	M7						B3-U0-G4	B3-U0-G4	B3-U0-G4
	N7						B4-U0-G4	B4-U0-G4	B4-U0-G4
37	A7	37000	35500	34400	293	128	B4-U0-G4	B4-U0-G4	B4-U0-G4
	B7						B3-U0-G4	B3-U0-G4	B3-U0-G4
	C7						B3-U0-G5	B3-U0-G4	B3-U0-G4
	D7						B3-U0-G4	B3-U0-G4	B3-U0-G4
	E7						B4-U0-G4	B4-U0-G4	B4-U0-G4
	J7	34410	33015	31992		119	B4-U0-G4	B4-U0-G4	B4-U0-G3
	K7						B4-U0-G4	B3-U0-G4	B3-U0-G4
	L7						B3-U0-G4	B3-U0-G4	B3-U0-G4
	M7						B3-U0-G4	B3-U0-G4	B3-U0-G4
	N7						B4-U0-G4	B4-U0-G4	B4-U0-G4

* LPW based on 120-277 V, 0-10 V dimming, & 4000K CCT 70 CRI (utilizing non-rounded lumens & watts)

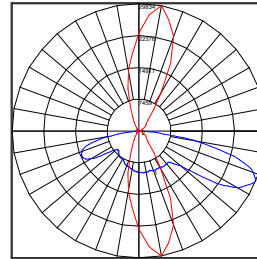
Lumen Multiplier

CCT	LUMEN LEVEL	70 CRI	80 CRI
2700K	16-29	See Claims Table	0.94
	30-37		0.89
3000K	16-29		0.94
	30-37		0.89
4000K	16-29		0.94
	30-37		0.89

ERL2
Type II Narrow
37,000 Lumens
4000K
ERL2_37A740_...IES

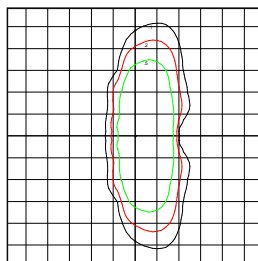


- Mounting Height at 30'
- Initial Footcandle at Grade

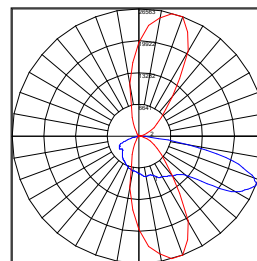


- Vertical Plane Through Horizontal Angles (80 - 260) (Through Max. Cd.)
- Horizontal Cone Through Vertical Angle (67) (Through Max. Cd.)

ERL2
Type II
37,000 Lumens
4000K
ERL2_37B740_...IES

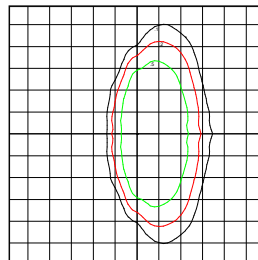


- Mounting Height at 30'
- Initial Footcandle at Grade

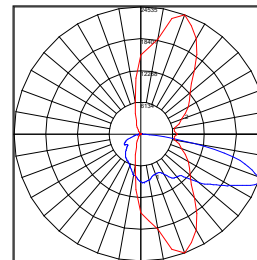


- Vertical Plane Through Horizontal Angles (70 - 250) (Through Max. Cd.)
- Horizontal Cone Through Vertical Angle (67) (Through Max. Cd.)

ERL2
Type III
37,000 Lumens
4000K
ERL2_37C740_...IES

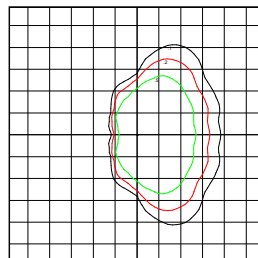


- Mounting Height at 30'
- Initial Footcandle at Grade

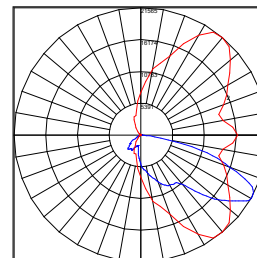


- Vertical Plane Through Horizontal Angles (70 - 250) (Through Max. Cd.)
- Horizontal Cone Through Vertical Angle (68) (Through Max. Cd.)

ERL2
Type IV Short
37,000 Lumens
4000K
ERL2_37D740_...IES

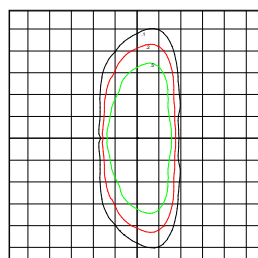


- Mounting Height at 30'
- Initial Footcandle at Grade

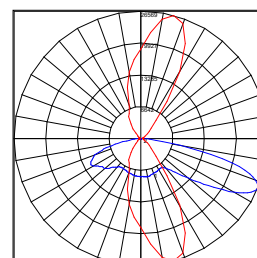


- Vertical Plane Through Horizontal Angles (50 - 230) (Through Max. Cd.)
- Horizontal Cone Through Vertical Angle (61) (Through Max. Cd.)

ERL2
Type II
Enhanced Backlight
37,000 Lumens
4000K
ERL2_37E740_...IES



- Mounting Height at 30'
- Initial Footcandle at Grade

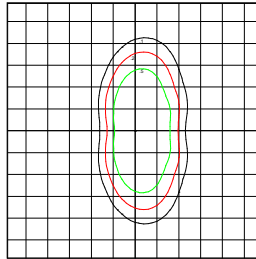


- Vertical Plane Through Horizontal Angles (75 - 255) (Through Max. Cd.)
- Horizontal Cone Through Vertical Angle (67) (Through Max. Cd.)

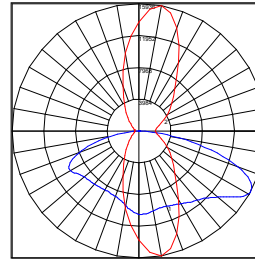
ISO illuminate diagrams and polar plots are representative of the SKUs illustrated. Refer to IES files for SKU specific information.

CUSTOMER NAME _____
PROJECT NAME _____
DATE _____ TYPE _____
CATALOG NUMBER _____

ERL2
Type II Narrow
Visual Comfort Lens
37,000 Lumens
4000K
ERL2_37J740_...IES

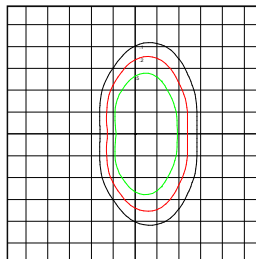


- Mounting Height at 30'
- Initial Footcandle at Grade

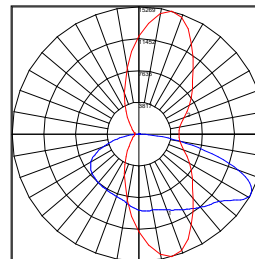


- Vertical Plane Through Horizontal Angles (80 - 260) (Through Max. Cd.)
- Horizontal Cone Through Vertical Angle (62) (Through Max. Cd.)

ERL2
Type II
Visual Comfort Lens
37,000 Lumens
4000K
ERL2_37K40_...IES

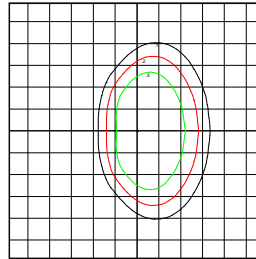


- Mounting Height at 30'
- Initial Footcandle at Grade

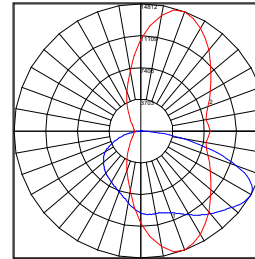


- Vertical Plane Through Horizontal Angles (80 - 260) (Through Max. Cd.)
- Horizontal Cone Through Vertical Angle (67) (Through Max. Cd.)

ERL2
Type III
Visual Comfort Lens
37,000 Lumens
4000K
ERL2_37L740_...IES

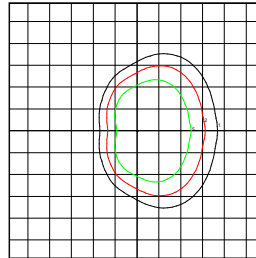


- Mounting Height at 30'
- Initial Footcandle at Grade

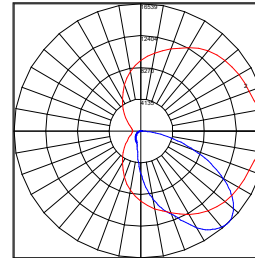


- Vertical Plane Through Horizontal Angles (70 - 250) (Through Max. Cd.)
- Horizontal Cone Through Vertical Angle (60) (Through Max. Cd.)

ERL2
Type IV Short
Visual Comfort Lens
37,000 Lumens
4000K
ERL2_37M740_...IES

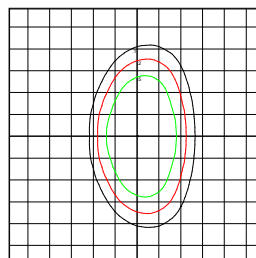


- Mounting Height at 30'
- Initial Footcandle at Grade

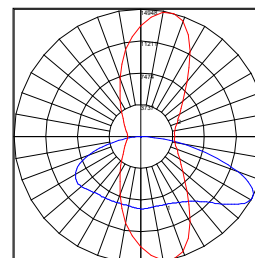


- Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
- Horizontal Cone Through Vertical Angle (43) (Through Max. Cd.)

ERL2
Type II -EB
Enhanced Backlight
37,000 Lumens
4000K
ERL2_37N740_...IES

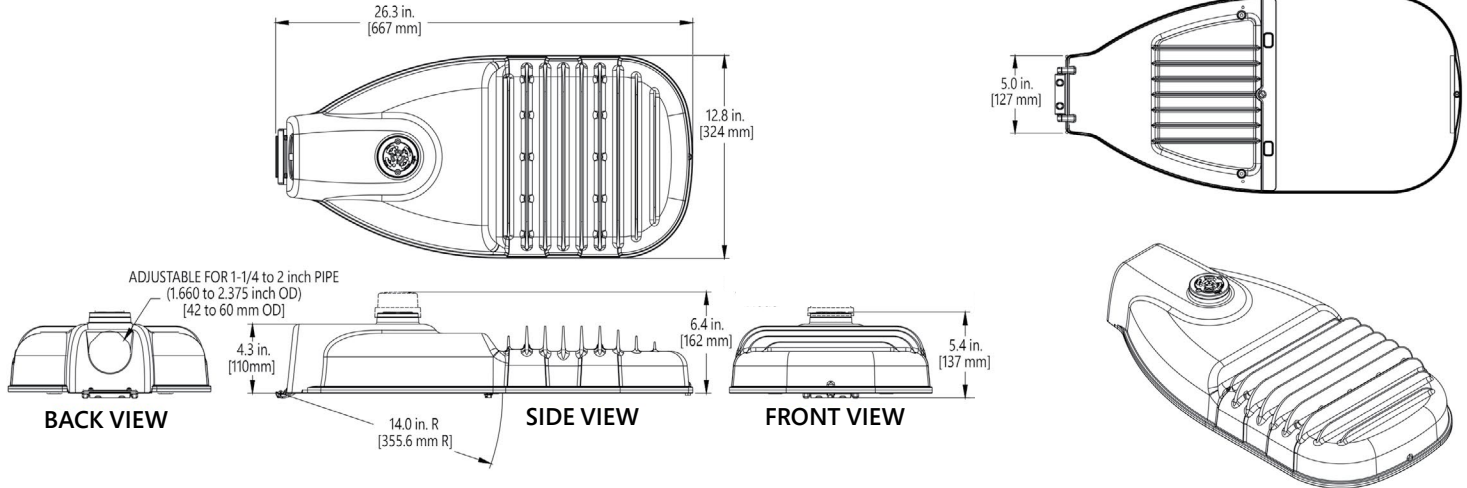


- Mounting Height at 30'
- Initial Footcandle at Grade



- Vertical Plane Through Horizontal Angles (75 - 255) (Through Max. Cd.)
- Horizontal Cone Through Vertical Angle (61) (Through Max. Cd.)

ISO illuminate diagrams and polar plots are representative of the SKUs illustrated. Refer to IES files for SKU specific information.



Mounting

Adjustable for 1.25 to 2 in. nominal mounting pipe (1.660 to 2.375 inch OD)

Integral diecast mounting pipe stop

Slipfitter with +/- 5 degrees of leveling adjustment

Effective Projected Area

0.57 ft² (0.053 m²) (Max no shield)

Weight

24.0 lb (10.9 kg)

Accessories

SAP NUMBER	PART NUMBER	DESCRIPTION
93029237G	PED-MV-LED-7	ANSI C136.41 Dimming PE, 120-277V
93029238G	PED-347-LED-7	ANSI C136.41 Dimming PE, 347V
93029239G	PED-480-LED-7	ANSI C136.41 Dimming PE, 480V
28299	PEC0TL	Long Life PE 120-277V
93147530	PECHTL	Long Life PE 277-480
73251	SCCL-PECTL	Shorting Cap

Network Lighting Controls



Current's LightGrid™ Outdoor Lighting Control System is designed for Street and Roadway Applications. It enables remote monitoring, control, and asset management of a single fixture or a group of fixtures through a web enabled Central Management System.

CUSTOMER NAME

PROJECT NAME

DATETYPE

CATALOG NUMBER

HOUSE SIDE SHIELDS

ERL2 Shields

Product Code:	93070722	Description:	ELSHS-ERL2-BLCK
Product Code:	93085564G	Description:	ELSHS-ERL2-GRAY
Product Code:	93096747G	Description:	ELSHS-ERL2-DKBZ
			

STREET SIDE SHIELDS

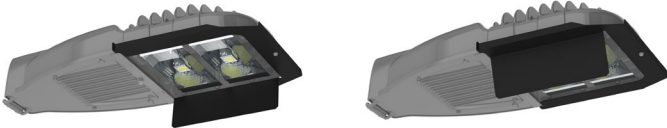
ERL2 Shields

Product Code:	93132955G	Description:	ELSFS-ERL2-BLCK-20
Product Code:	93132986G	Description:	ELSFS-ERL2-GRAY-20
			

SIDE SHIELDS (L&R)

Shipped as a kit - L & R can be used independently

ERL2 SHIELDS

Product Code:	93132989G	Description:	ELS-ERL2- LEFTRIGHTSIDEKIT- BLCK-10
			

FOOTNOTES:

- 1) 10 = 1" Shield Depth; 15 = 1.5" Shield Depth; 20 = 2" Shield Depth
- 2) Black is recommended to reduce potential for glare coming off of the shield
- 3) Use "House Side" Shield to block light trespass behind the pole
- 4) Use "Street Side" / Front Shield to block light light trespass across the street