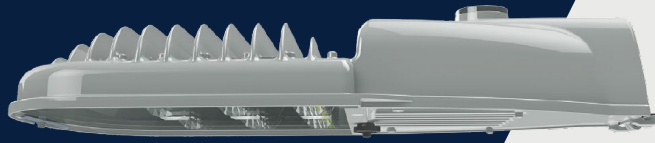


CUSTOMER NAME _____
 PROJECT NAME _____
 DATE _____ TYPE _____
 CATALOG NUMBER _____



ERL6 Cobra Head LED Roadway Lighting

The Evolve® LED Roadway ERL6 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.

Construction

Housing:	Aluminum die cast enclosure. Casting-Integral heat sink for maximum heat transfer
Lens:	Impact resistant tempered glass
Paint:	Corrosion resistant polyester powder paint, minimum 2.0 mil thickness (RAL & custom colors available) Standard = Black, Dark Bronze, Gray and White Optional = Coastal Finish
Weight:	≤ 26.0 lbs (11.8 kgs)

Optical System

Lumens:	20,470 - 40,000
Distribution:	Type II Narrow, Type II/III, Type III, Type IV and Type II Enhanced Back light
Efficacy (LPW):	123-153
CCT (K):	2700, 3000, 4000
CRI:	70 CRI

Electrical

Input Voltage (V):	120-277, 277-480 or 347-480
Input Frequency (Hz):	50/60
Power Factor:	≥ 90 at rated watts
Total Harmonic Distortion:	≤ 20% at rated watts

Surge Protection*

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

Lumen Maintenance

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

LUMEN CODE	DISTRIBUTION CODE	LXX(10K) @ HOURS		
		25K HOURS	50KHOURS	60K HOURS
23-25	A6, B6, C6, D6, E6	L99	L99	L99
27-30		L99	L98	L98
31-33		L99	L97	L97
34-36		L98	L96	L96
37-39		L97	L94	L93
40		L96	L93	L91

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

Ratings

Operating Temperature:	-40°C to 50°C
Vibration:	3G per ANSI C136.31-2018
LM-79:	Tested in accordance with IES Standards
EMI:	FCC Title 47 CFR Part 15 Class A
RoHS:	Complies with the material restrictions of RoHS

Controls

Dimming:	Standard - 0-10V Optional - DALI (Option U)
Sensors:	Photo Electric Sensors (PE) available LightGrid+ Compatible

Warranty

5 Year (Standard)

10 Year (Optional)

*Per ANSI C136.2-2018



CUSTOMER NAME	
PROJECT NAME	
DATE	TYPE
CATALOG NUMBER	

Ordering Information

ERL6

PRODUCT ID	VOLTAGE	LUMENS	DISTRIBUTION ²	CCT	CONTROLS PER ANSI C136.41	COLOR	OPTIONS
E = Evolve	0 = 120-277V ¹	23 = 23,000	A6 = Type II Narrow	27 = 2700K	A = Top: 7-Pin Receptacle ³	GRAY = Gray	A = 4 bolt Internal Slipfitter
R = Roadway	H = 347-480V ¹	25 = 25,000	B6 = Type II/III	30 = 3000K	D = 7-Pin Receptacle with Shorting Cap ³	BLCK = Black	B = Tether
L = Local	E = 277-480V ¹	27 = 27,000	C6 = Type III	40 = 4000K	E = Top: 7-Pin Receptacle with Long Life PE ³	DKBZ = Dark Bronze	C1 = Captive Door
6 = Six Module	1 = 120V	28 = 28,000	D6 = Type IV			WHTE = White	F = Fusing
	2 = 208V	30 = 30,000	E6 = Type II Enhanced Back Light				G = Internal Bubble Level
	3 = 240V	31 = 31,000					I = Optional IP66 Optical Enclosure
	4 = 277V	32 = 32,000					L = Tool-Less Entry
	5 = 480V	33 = 33,000					R = Secondary 10kV/5kA SPD
	D = 347V	34 = 34,000					T = Secondary 20kV/10kA SPD
		35 = 35,000					U = DALI Programmable ⁴
		36 = 36,000					V1 = Field Adjustable Module ⁵
	37 = 37,000					Y = Coastal Finish ⁶	
	38 = 38,000					XXX = Special Options	
	39 = 39,000						
	40 = 40,000						

¹ Not Available with Fusing

² Nominal IES Type classing subject to typical variation, individual units may differ, review IES files for individual sku typing

³ 7 Pin Receptacle wired for 0-10V control unless DALI Option "U" requested

⁴ Compatible with LightGrid+

⁵ Not available with DALI "U" option

⁶ Recommended for installations within 750 feet from coast. Lead time varies, check with factory.

Suggested HID Replacement

Approximately 23,000 – 40,000 lumens to replace 250- 400W HPS (Cobra-head).

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

CUSTOMER NAME _____

PROJECT NAME _____

DATE _____

TYPE _____

CATALOG NUMBER _____

LUMEN OUTPUT	DISTRIBUTION	TYPICAL INITIAL LUMENS			WATTAGE	BUG RATINGS		
		4000K	3000K	2700K		4000K	3000K	2700K
		B-U-G	B-U-G	B-U-G		B-U-G	B-U-G	B-U-G
23	A6	23000	22080	20470	150	B3-U0-G3	B3-U0-G3	B3-U0-G3
	B6					B3-U0-G3	B3-U0-G3	B3-U0-G3
	C6					B3-U0-G4	B3-U0-G4	B3-U0-G4
	D6					B2-U0-G4	B2-U0-G4	B2-U0-G4
	E6					B3-U0-G3	B3-U0-G3	B3-U0-G3
25	A6	25000	24000	22250	165	B3-U0-G3	B3-U0-G3	B3-U0-G3
	B6					B3-U0-G3	B3-U0-G3	B3-U0-G3
	C6					B3-U0-G4	B3-U0-G4	B3-U0-G3
	D6					B2-U0-G4	B2-U0-G4	B2-U0-G4
	E6					B4-U0-G4	B4-U0-G4	B3-U0-G3
27	A6	27000	25920	24030	179	B3-U0-G3	B3-U0-G3	B3-U0-G3
	B6					B3-U0-G3	B3-U0-G3	B3-U0-G3
	C6					B3-U0-G4	B3-U0-G4	B3-U0-G4
	D6					B3-U0-G4	B3-U0-G4	B3-U0-G4
	E6					B4-U0-G4	B4-U0-G4	B4-U0-G4
28	A6	28000	26880	24920	187	B3-U0-G3	B3-U0-G3	B3-U0-G3
	B6					B3-U0-G4	B3-U0-G3	B3-U0-G4
	C6					B3-U0-G4	B3-U0-G4	B3-U0-G4
	D6					B3-U0-G4	B3-U0-G4	B2-U0-G4
	E6					B4-U0-G4	B4-U0-G4	B4-U0-G4
30	A6	30000	28800	26700	206	B3-U0-G3	B3-U0-G3	B3-U0-G3
	B6					B3-U0-G4	B3-U0-G4	B3-U0-G3
	C6					B3-U0-G4	B3-U0-G4	B3-U0-G4
	D6					B3-U0-G4	B3-U0-G4	B3-U0-G4
	E6					B4-U0-G4	B4-U0-G4	B4-U0-G4
31	A6	31000	29760	27590	214	B4-U0-G3	B4-U0-G3	B3-U0-G3
	B6					B3-U0-G4	B3-U0-G4	B3-U0-G3
	C6					B3-U0-G4	B3-U0-G4	B3-U0-G4
	D6					B3-U0-G4	B3-U0-G4	B3-U0-G4
	E6					B4-U0-G4	B4-U0-G4	B4-U0-G4
32	A6	32000	3-720	28480	222	B4-U0-G4	B4-U0-G4	B3-U0-G3
	B6					B3-U0-G4	B3-U0-G4	B3-U0-G4
	C6					B3-U0-G4	B3-U0-G4	B3-U0-G4
	D6					B3-U0-G4	B3-U0-G4	B3-U0-G4
	E6					B4-U0-G4	B4-U0-G4	B4-U0-G4
33	A6	33000	31680	29370	230	B4-U0-G4	B4-U0-G4	B3-U0-G3
	B6					B3-U0-G4	B3-U0-G4	B3-U0-G4
	C6					B3-U0-G4	B3-U0-G4	B3-U0-G4
	D6					B3-U0-G4	B3-U0-G4	B3-U0-G4
	E6					B4-U0-G4	B4-U0-G4	B4-U0-G4
34	A6	34000	32640	30260	238	B4-U0-G4	B4-U0-G4	B4-U0-G3
	B6					B3-U0-G4	B3-U0-G4	B3-U0-G4
	C6					B3-U0-G4	B3-U0-G4	B3-U0-G4
	D6					B3-U0-G4	B3-U0-G4	B3-U0-G4
	E6					B4-U0-G4	B4-U0-G4	B4-U0-G4

CUSTOMER NAME _____

PROJECT NAME _____

DATE _____

TYPE _____

CATALOG NUMBER _____

LUMEN OUTPUT	DISTRIBUTION	TYPICAL INITIAL LUMENS			TYPICAL SYSTEM WATTAGE 120V-277V	BUG RATINGS		
		4000K	3000K	2700K		4000K	3000K	2700K
						B-U-G	B-U-G	B-U-G
35	A6	35000	33600	31150	246	B4-U0-G4	B4-U0-G4	B4-U0-G4
	B6					B4-U0-G4	B3-U0-G4	B3-U0-G4
	C6					B4-U0-G4	B4-U0-G4	B3-U0-G4
	D6					B3-U0-G5	B3-U0-G4	B3-U0-G4
	E6					B4-U0-G4	B4-U0-G4	B4-U0-G4
36	A6	36000	34560	32040	255	B4-U0-G4	B4-U0-G4	B4-U0-G4
	B6					B4-U0-G4	B4-U0-G4	B3-U0-G4
	C6					B4-U0-G4	B4-U0-G4	B3-U0-G4
	D6					B3-U0-G5	B3-U0-G5	B3-U0-G4
	E6					B4-U0-G4	B4-U0-G4	B4-U0-G4
37	A6	37000	35520	32930	264	B4-U0-G4	B4-U0-G4	B4-U0-G4
	B6					B4-U0-G4	B4-U0-G4	B3-U0-G4
	C6					B4-U0-G5	B4-U0-G4	B3-U0-G4
	D6					B3-U0-G5	B3-U0-G5	B3-U0-G4
	E6					B4-U0-G4	B4-U0-G4	B4-U0-G4
38	A6	38000	36480	33820	272	B4-U0-G4	B4-U0-G4	B4-U0-G4
	B6					B4-U0-G4	B4-U0-G4	B3-U0-G4
	C6					B4-U0-G5	B4-U0-G4	B3-U0-G4
	D6					B3-U0-G5	B3-U0-G5	B3-U0-G4
	E6					B4-U0-G4	B4-U0-G4	B4-U0-G4
39	A6	39000	37440	34710	281	B4-U0-G4	B4-U0-G4	B4-U0-G4
	B6					B4-U0-G4	B4-U0-G4	B3-U0-G4
	C6					B4-U0-G5	B4-U0-G5	B4-U0-G4
	D6					B3-U0-G5	B3-U0-G5	B3-U0-G5
	E6					B4-U0-G4	B4-U0-G4	B4-U0-G4
40	A6	40000	38400	35600	290	B4-U0-G4	B4-U0-G4	B4-U0-G4
	B6					B4-U0-G4	B4-U0-G4	B4-U0-G4
	C6					B4-U0-G5	B4-U0-G5	B4-U0-G4
	D6					B3-U0-G5	B3-U0-G5	B3-U0-G5
	E6					B4-U0-G4	B4-U0-G4	B4-U0-G4

CUSTOMER NAME _____

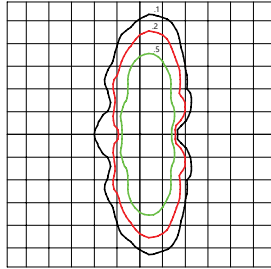
PROJECT NAME _____

DATE _____

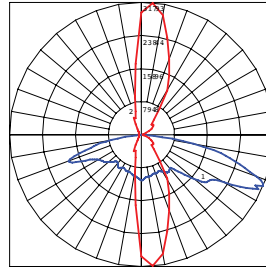
TYPE _____

CATALOG NUMBER _____

ERL6
Type II Narrow
40,000 Lumens
4000K
ERL6_40A640.IES

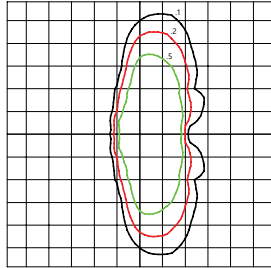


- Mounting Height at 50'
- Initial Footcandle at Grade

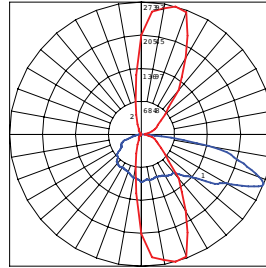


- Vertical plane at max Cd horiz. angle 85°
- Horizontal cone at max Cd vert. angle 67°

ERL6
Type II Wide
40,000 Lumens
4000K
ERL6_40B640.IES

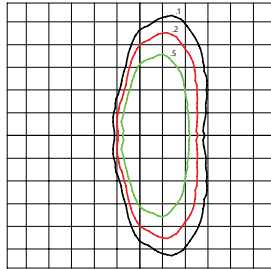


- Mounting Height at 50'
- Initial Footcandle at Grade

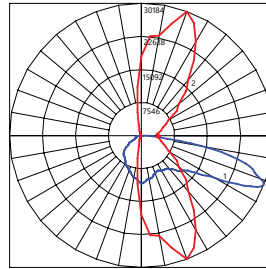


- Vertical plane at max Cd horiz. angle 75°
- Horizontal cone at max Cd vert. angle 68°

ERL6
Type III
40,000 Lumens
4000K
ERL6_40C640.IES

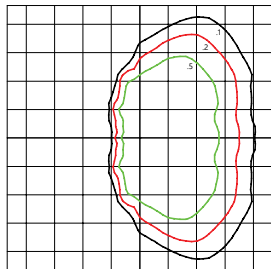


- Mounting Height at 50'
- Initial Footcandle at Grade

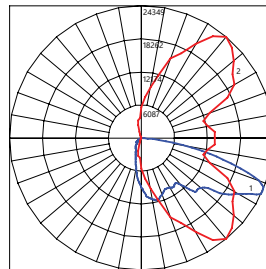


- Vertical plane at max Cd horiz. angle 70°
- Horizontal cone at max Cd vert. angle 68°

ERL6
Type IV
40,000 Lumens
4000K
ERL6_40D640.IES

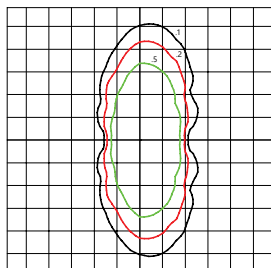


- Mounting Height at 50'
- Initial Footcandle at Grade

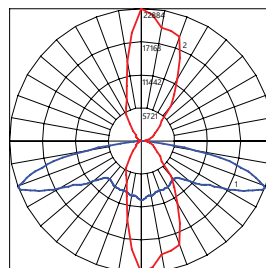


- Vertical plane at max Cd horiz. angle 50°
- Horizontal cone at max Cd vert. angle 67°

ERL6
Type II Medium
40,000 Lumens
4000K
ERL6_40E640.IES



- Mounting Height at 50'
- Initial Footcandle at Grade



- Vertical plane at max Cd horiz. angle 90°
- Horizontal cone at max Cd vert. angle 69°

CUSTOMER NAME _____

PROJECT NAME _____

DATE _____

TYPE _____

CATALOG NUMBER _____

House Side Shield

ERL6 Shields


PRODUCT CODE	DESCRIPTION
93311252	ELSHS-ERL6-BLCK
93311264	ELSHS-ERL6-GRAY



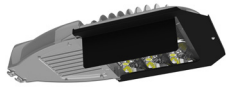
93311252

ERL6 Shields

PRODUCT CODE	DESCRIPTION
93311262	ELS-ERL6-LEFTRIGHTSIDEKIT-BLCK-30
93311263	ELS-ERL6-LEFTRIGHTSIDEKIT-BLCK-40

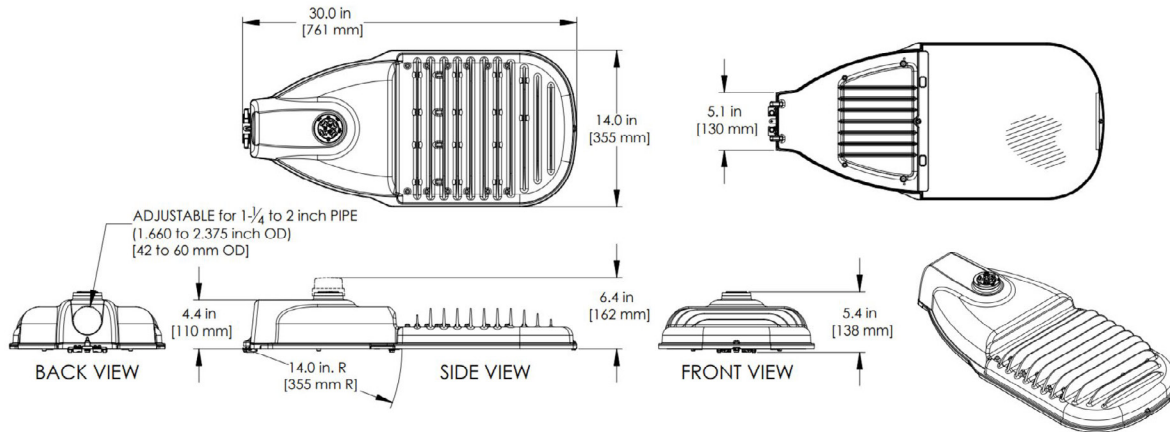


93311262



93311263

Dimensions



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

- 0.6 sq ft max (0.056 sq m)

Weight

- ≤ 26.0 lbs (11.8 kgs)

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 277-480V
73251	SCCL-PECTL	Shorting Cap

Network Lighting Controls

DESCRIPTION



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.