

## ARIA AT SILVERSTONE PHASE 5 • LIGHTING CUT SHEETS


📍 SCOTTSDALE, AZ  
📅 2024-07-16  
# 24000634  
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REV 02.08.24

### DOWN LIGHT



**MODEL 2150 | Specification Sheet**  
Commercial Series • Low Voltage • Downlight

TYPE: \_\_\_\_\_  
PROJECT: \_\_\_\_\_  
MODEL: \_\_\_\_\_

**PRODUCT FEATURES**

Wattage	4.5 W or 5.5 W
Voltage	9 – 15 VAC
Lumens	295 or 389 Lumens
Lamp Type	MR-16 LED
Housing	Copper or Stainless Steel
Dimensions	2 9/16" DIA x 4 9/16" H


**ORDERING INFORMATION**

EXAMPLE: HT-2150-CSN-4.5-W-36

CATEGORY	MODEL	FINISH	LED	ACCESSORIES
HT	2150	CSN Natural Copper SS Stainless Steel	4.5-W-15 4.5 Watts   Warm   15° Narrow Spot 4.5-W-25 4.5 Watts   Warm   25° Spot 4.5-W-36 4.5 Watts   Warm   36° Flood 4.5-W-60 4.5 Watts   Warm   60° Wide Flood 5.5-W-15 5.5 Watts   Warm   15° Narrow Spot 5.5-W-25 5.5 Watts   Warm   25° Spot 5.5-W-36 5.5 Watts   Warm   36° Flood 5.5-W-60 5.5 Watts   Warm   60° Wide Flood NL No Lamp	RL Flat Cool Blue Lens SL Flat Spinal Lens DL Flat Dark Blue Lens QL Flat Dark Green Lens RL Flat Red Lens YL Flat Amber Lens HL Honeycomb Lens

Control Number: BOLLARDE-EDS-06\_17\_2022

## ENDURASCAPE Bollard LED Specifications



Project Name: \_\_\_\_\_  
Catalog Number: \_\_\_\_\_  
Type: \_\_\_\_\_


The **Endurascap** series of concrete bollards are designed to enhance and blend with architectural and natural landscapes. Beautifully crafted with finished finishes in a variety of shapes and cast grill lower designs. Options provide smooth, 360 degree symmetrical low level illumination. Durably built for weather and vandal resistance. Ideal for walkways, entrances, promenades, plazas, courtyards, driveways, bridges and landscaped areas.

**Ordering Information**

MODEL	OPTICS	SOURCE	CURRENT	KELVIN	VOLTAGE	MOUNTING	FINISH	OPTIONS
EDS-1A 9" Round	COG 45° Custom Grill (5" Dia)	20LC	3 350mA	3K 3000K	UNV 120-277V	AB Anchor Base Custom Factory	LOWV SILVER	ILS Internal Light Shield
EDS-1B 11" Round			5 550mA	4K 4000K			BZ Bronze	
EDS-2 11" Round Flat Top			7 700mA				BK Black	
EDS-3A 11" Square	COG			5K 5000K			WH White	
EDS-4A 11" Square Pyramid Top	45° Custom Grill (11" Dia)						FG Forest Green	
							GY Gray	
							SL Silver Metallic	
							CC Custom Color	
							Concrete Textures	
							LT Light	
							MD Medium	
							HV Heavy	

**VISIONAIRE LIGHTING**

VL-PA-ING-001-F37 REV. 0 CRCAB22-03



**EVOLVE**  
**ERLC Cobra Head**  
LED Roadway  
Lighting

Project Name: \_\_\_\_\_  
Date: \_\_\_\_\_ Type: \_\_\_\_\_  
Notes: \_\_\_\_\_

The **Evolve®** LED Roadway ERLC 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 powder paint, ≥ 2.0 mil thickness (RAL & custom colors available)  
Standard = Black, Dark Bronze, Gray, White  
Optional = Coastal Finish

**Weight:** 8.5 lbs (5.6 kgs)

**LUMEN MAINTENANCE**

Projected Lx per IES TM-21-11 at 25°C

Lumen Codes	Distributions	25,000 HR	50,000 HR	60,000 HR
02, 03, 04, 05	A5, B5, C5	L97	L93	L92
06	A5, B5, C5	L96	L91	L89
07	A5, B5, C5	L95	L89	L87

**Optical System**

**Lumens:** 2,000 – 7,000  
**Distribution:** Type II Narrow, II/III, III, V  
**Efficacy:** 110-143 LPW  
**CCT:** 2700K, 3000K, 4000K & 5000K  
**CRI:** ≥ 70

**ELECTRICAL**

**Input Voltage:** 120-277V (no 347-480V)  
**Input Frequency:** 50/60Hz  
**Power Factor:** ≥ 90% at rated watts  
**Total Harmonic Distortion:** ≤ 20% at rated watts

**SURGE PROTECTION\***

Standard	Optional
<input type="checkbox"/> 10kV/5kA	<input type="checkbox"/> Secondary 10kV/5kA (R Option) or <input type="checkbox"/> Secondary 20kV/10kA (T Option)

\*Per ANSI C136.2-2018

**RATINGS**

**Operating Temperature:** -40°C to 50°C  
**Vibration:** 3G per ANSI C136.31-2018  
**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 (Option U) ☐  
**Sensors:** Photo Electric Sensors (PE) available  
LightGrid Compatible

**WARRANTY**

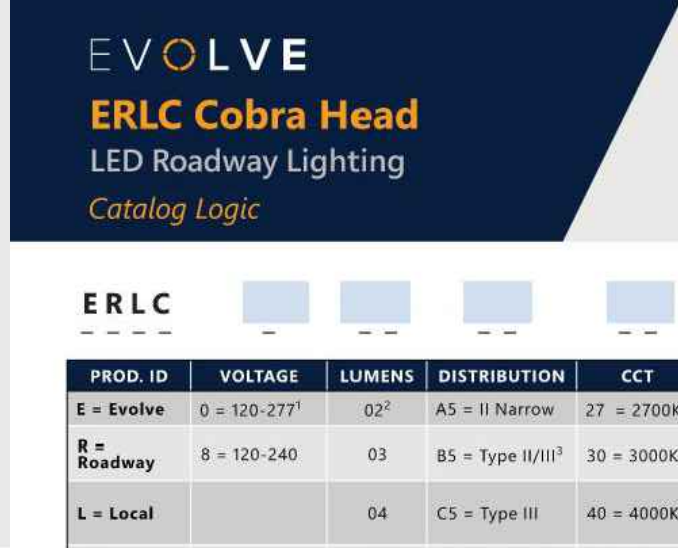
☐ 5 Year (Standard) ☐ 10 Year (Optional)

Not all product variations listed on this page are DLC qualified. Visit [www.designlights.org/search](http://www.designlights.org/search) to confirm qualifications.

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**EVOLVE**  
**ERLC Cobra Head**  
LED Roadway  
Lighting  
Catalog Logic

Project Name: \_\_\_\_\_  
Date: \_\_\_\_\_ Type: \_\_\_\_\_  
Notes: \_\_\_\_\_

**ERLC**

PROD. ID	VOLTAGE	LUMENS	DISTRIBUTION	CCT	CONTROLS PER ANSI C136.41	COLOR	OPTIONS
E = Evolve	0 = 120-277 <sup>1</sup>	D2 <sup>2</sup>	A5 = II Narrow	27 = 2700K <sup>4</sup>	A = 7-Pin Receptacle	BLCK = Black	B = Tether
R = Roadway	8 = 120-240	03	B5 = Type II/III <sup>1</sup>	30 = 3000K <sup>4</sup>	D = 7-Pin Receptacle with Shorting Cap	DKBZ = Dark Bronze	C1 = Captive Door
L = Local		04	C5 = Type III	40 = 4000K	E = 7 Pin Receptacle with Long Life non-Dimming PE Control	GRAY = Gray	F = Fusing
C = Compact	1 = 120	05	V4 = Type V	50 = 5000K		WHITE = White	G = Internal Bubble Level
	2 = 208	06			Note: 0-10V control standard unless DALI Option "U" requested		L = Tool-Less Entry
	3 = 240	07					M1 = MagnaPak <sup>5</sup>
	4 = 277						R = Secondary 10kV/5kA SPD
							T = Secondary 20kV/10kA SPD
							U = DALI Programmable <sup>3</sup>
							V1 = Field Adjustable Module <sup>1,2</sup>
							Y = Coastal Finish <sup>1</sup>
							XXX = Special Options

**SUGGESTED HID REPLACEMENT**


Approximately 2,000 – 7,000 lumens to replace 50-100W HPS Cobra-head

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

Previous	Optical Pattern	Latest	New Optical Pattern
A3	Type II Narrow	A5	Type II Narrow
B3	Type II Wide	B5	Type II/III
C3	Type III	C5	Type III
N/A	Type V	V4	Type V

The information above is designed to provide a guideline to select the correct luminaire for a roadway application. The best and most accurate way to ensure the proper design is by doing a lighting layout.


Not all product variations listed on this page are DLC qualified. Visit [www.designlights.org/search](http://www.designlights.org/search) to confirm qualifications.

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### STREET LIGHT



**SWOOP SWP610**  
Vandal Resistant  
SWP610 Series LED

Fixture Type: \_\_\_\_\_ Date: \_\_\_\_\_  
Job Name: \_\_\_\_\_ Approved By: \_\_\_\_\_  
Catalog Number: \_\_\_\_\_

**SPECIFICATIONS**

**Description** The Swoop SWP610 series features a durable, color-impregnated, polycarbonate housing supported by a marine grade, die cast aluminum base plate to provide a lighting fixture that will survive in many challenging environments.

**Base** One piece injection molded UV stabilized polycarbonate mechanically interlocked to lens. Minimum wall thickness shall be 0.140". Color is molded through entire part for scratch resistant finish.

**Lens** One piece injection molded UV stabilized prismatic polycarbonate with minimum 0.140" wall thickness. Available in Clear or Opal and secured to base plate with (4) concealed captive stainless steel screws. YWP models come with a chemically etched, scratch resistant surface painted lens.

**Reflector** Die formed, shaped for maximum efficiency and finished with high gloss electrostatically applied white polyester powder coat.

**Drivers** Dimming to 1%, 10% or Programmable Lumen Output driver options. Non-Dimming Driver is also available.

**LED** Samsung LM561B+ series @ 2700K, 3000K, 3500K, 4000K, or 5000K and 82 CRI wired in parallel-series. L 70 projected life of over 130,000 hours at 50 °C.

**UL Listing** U.L., C.U.L. Wet Location Listing standard.

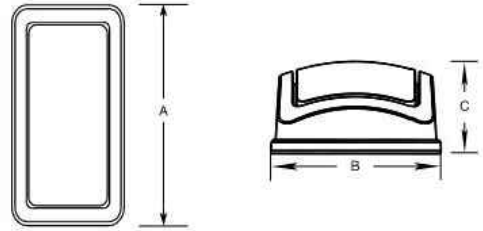
**Government Procurement** **BAA – Buy America(n) Act:** Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.  
**BABA – Build America Buy America:** Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act. Please refer to [www.buyamericas.com/buy-american](http://www.buyamericas.com/buy-american) for additional information.

**Warranty** Lifetime warranty. Luminaire LED incorporated will repair or replace any fixture damaged due to vandalism for the lifetime of the installation.  
10-year warranty on LED boards against operational defects. Tested in accordance with LM-80. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed.

**Note** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

**DIMENSIONAL DATA**

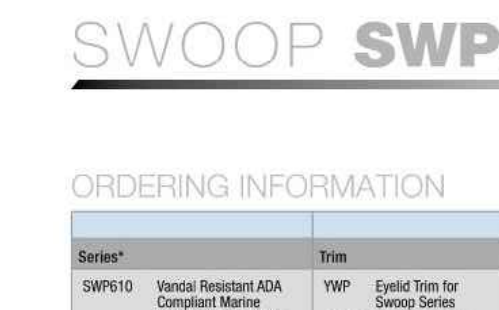
	A	B	C
SWP610 No Trim	10.84	6.74	4.00
YWP With Trim	10.84	6.74	4.00
YWPH With Trim	6.74	10.84	4.00



One Lithonia Way, Cary, NC 27513 | 1.800.795.SERV (2737) | [www.luminairled.net](http://www.luminairled.net)  
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LUMINAIRE-LED-SWOOP-SWP610-LED 03/2024  
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### RAMADA LIGHT



**SWOOP SWP610**  
Vandal Resistant  
SWP610 Series LED

Example: SWP610 YWP MN1 15W 27K CLP WHT

**ORDERING INFORMATION**

Series*	Trim	Driver*	Wattage (Nominal)	Lumens (Per PFD Only)	CCT*
SWP610 Vandal Resistant ADA Compliant Marine Grade Surface Mount Rectangular	YWP Eyelid Trim for Swoop Series Horizontal Style for Swoop Series	MN1 Dimming to 1% MN10 Dimming to 10% Non-Dimming Driver: PFD Clear Programmable to Specific Lumen Output PFD not available with Wedge PFD standard 0-10V dimming to 1%	SW 15W Required for all drivers except PFD driver	300LM - 1700LM Lumens available in 100LM increments Lumens required if PFD driver chosen	27K 2700K 30K 3000K 40K 4000K 50K 5000K

Voltage*	Lens*	Finish*
120 120VAC 277 277VAC MVL 120-277VAC	CP Clear Prismatic OP Opal	BLK Black WHT White BRZ Bronze GRY Gray

\*Required

**OPTIONS**

Emergency	Back Box	Fusing	Photoack <sup>1</sup>
EMR01 <sup>1</sup> Remote equipped micro inverter that will operate a 25W maximum load for 90 min. 0°C (32°F) to 40°C (104°F) EM125W <sup>1</sup> Remote inverter that will operate a maximum 125W load for 90 min. 20°C (68°F) to 30°C (86°F) EM250W <sup>1</sup> Remote inverter that will operate a 250W maximum load for 90 min. 20°C (68°F) to 30°C (86°F) EM375W <sup>1</sup> Remote inverter that will operate a 375W maximum load for 90 min. 20°C (68°F) to 30°C (86°F)	CAB Pressure Die Cast Marine Grade Aluminum Back Box	GLR <sup>1</sup> Fuse and Fuse Holder	PC <sup>1</sup> Photoelectric Switch

Ordering Note:  
1. SW only available with NDCM.  
2. Not available with MVL.  
3. PC requires CAB.

**Accessories:** Order an accurate cutting number:  
TXSD TORX® Screws/Bolts  
Order alignment include one (1) TSD per fixture

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