



Catalog #: _____ Project: _____

Prepared By: _____ Date: _____ Type: _____

EGA

Enclosed and Gasketed - Advantage Series



OVERVIEW	
Lumen Range	5,000
CCT	4000K, 5000K
Wattage Range	35
Efficacy Range (LPW)	133 - 136
Weight lbs (kg)	12 (5.4)

QUICK LINKS

[Ordering Guide](#)[Performance](#)[Photometrics](#)[Dimensions](#)

FEATURES & SPECIFICATIONS

Construction

- 1 piece housing made of durable polycarbonate
- Diffuse lens secured with 10 nylon latches
- 4 foot housing with diffuse acrylic lens

Optical System

- Injection molded diffuse acrylic lens with high impact additive
- Minimum CRI of 80
- Available in 4000K and 5000K

Electrical

- 0-10V dimming (10%-100%) standard
- Standard Universal Voltage (120-277 Vac) Input 47-63Hz
- L80 Calculated Life: >100K hours
- Operating Temperature -40 to +40C (-40F to +104F)

Installation

- Stainless steel surface mount bracket is included with each fixture

Warranty

- Complete warranty terms located at: <https://www.lsicorp.com/resources/terms-conditions-warranty/>

Listings

- Listed to UL 1598 and UL 8750
- NEMA 4X rated
- IP65 Certified
- High pressure hose down (1500 psi)
- Wet Location
- Meets Buy American Act Requirements
- DLC qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.
- IK06 rated luminaire per IEC 66262 mechanical impact code





EGA Enclosed and Gasketed - Advantage Series

ORDERING GUIDE

[Back to Quick Links](#)TYPICAL ORDER EXAMPLE: **EGA 5L RA UNV 840**

Family	Length	Lumen Package	Lens Type	Voltage	Color Temperature	Options
EGA	Standard - 4'	5L - 5,000 Lumens	RA - Ribbed Diffuse Acrylic Lens SA - Smooth Diffuse Acrylic Lens	UNV - Universal Voltage (120V-277V)	840 - 4000K 80CRI 850 - 5000K 80CRI	E3CN - 3' Cord 16/3 non-dimming (no plug) installed on END E3CD - 3' Cord 16/5 dimming (no plug) installed on END E6CN - 6' Cord 16/3 non-dimming (no plug) installed on END E6CD - 6' Cord 16/5 dimming (no plug) installed on END E10CN - 10' Cord 16/3 non-dimming (no plug) installed on END E10CD - 10' Cord 16/5 dimming (no plug) installed on END

PERFORMANCE

[Back to Quick Links](#)

DELIVERED LUMENS (EGA)								
Lumen Package	CRI	Lens	4000K CCT			5000K CCT		
			Delivered Lumens	Efficacy	Wattage	Delivered Lumens	Efficacy	Wattage
5L	80	RA	4,735	133	36	4,736	132	36
		SA	4,910	138	36	4,906	136	36

*LEDs are frequently updated therefore values are nominal

ELECTRICAL DATA (AMPS)*							
Lumen Package	Wattage	120V	208V	240V	277V	347V	480V
5L	36	0.30	0.17	0.15	0.13	0.10	0.08

*Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

EGA/Lumen Package: 5L					
Recommended Lumen Maintenance ¹					
Ambient Temp C	Initial 2	25k hr 2	50k hr 2	75k hr 3	100k hr 3
0 C	100%	96%	91%	87%	83%
10 C	100%	96%	91%	87%	83%
20 C	100%	96%	91%	87%	83%
25 C	100%	96%	91%	87%	83%
30 C	100%	96%	91%	87%	83%
40 C	100%	96%	91%	87%	83%
50 C	100%	96%	91%	87%	83%

- Lumen maintenance values at 40C are calculated per TM-21 based on LM-80 data and in-situ testing.
- In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times the IESNA LM-80-08 total test duration for the device under testing.
- In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times the IESNA LM-80-08 total test duration for the device under testing





EGA Enclosed and Gasketed - Advantage Series

PHOTOMETRICS

[Back to Quick Links](#)

Luminaire photometry has been conducted by an accredited laboratory in accordance with IESNA LM-79. As specified by IESNA LM-79 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

See <https://www.lsicorp.com/product/ega/> for detailed photometric data.

EGA-5L-SA-UNV-850

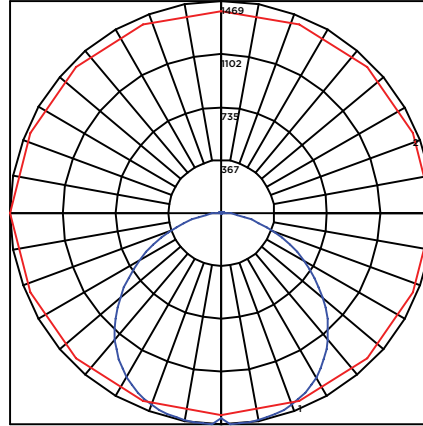
LUMINAIRE DATA

Type 3 Distribution	
Description	5000 Kelvin, 80 CRI Smooth Acrylic Lens
Delivered Lumens	4,906
Watts	36
Efficacy	136

Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	1160.5	23.7%
Medium (30-60)°	2375.1	48.4%
High (60-80)°	1004.0	20.5%
Very High (80-90)°	200.4	4.1%
Uplight (90-180)°	166.1	3.4%
Total Flux	4906.0	100%

POLAR CURVE



EGA-5L-RA-UNV-850

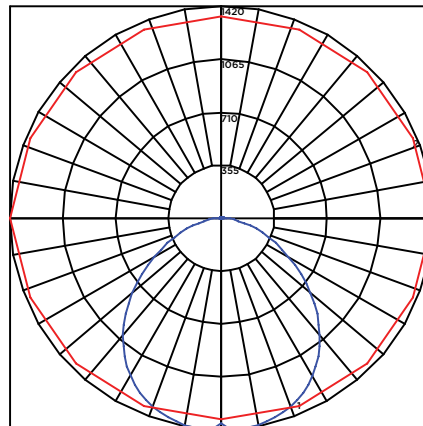
LUMINAIRE DATA

Type 3 Distribution	
Description	5000 Kelvin, 80 CRI Smooth Acrylic Lens
Delivered Lumens	4,736
Watts	36
Efficacy	132

Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	1022.9	21.6%
Medium (30-60)°	2158.0	45.6%
High (60-80)°	1019.0	21.5%
Very High (80-90)°	242.6	5.1%
Uplight (90-180)°	292.9	6.2%
Total Flux	4732.0	100%

POLAR CURVE



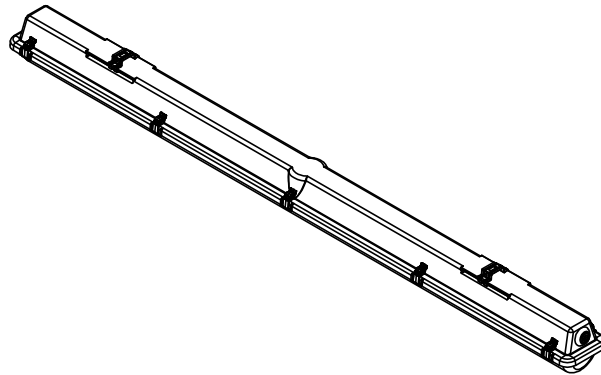
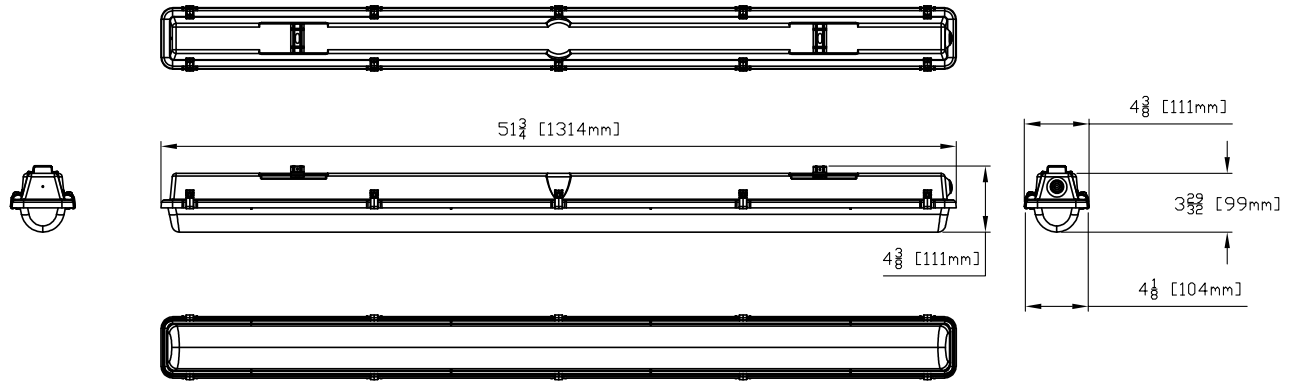


EGA Enclosed and Gasketed - Advantage Series

PRODUCT DIMENSIONS

[Back to Quick Links](#)

Dimensions for reference only.



Mounting Clip

