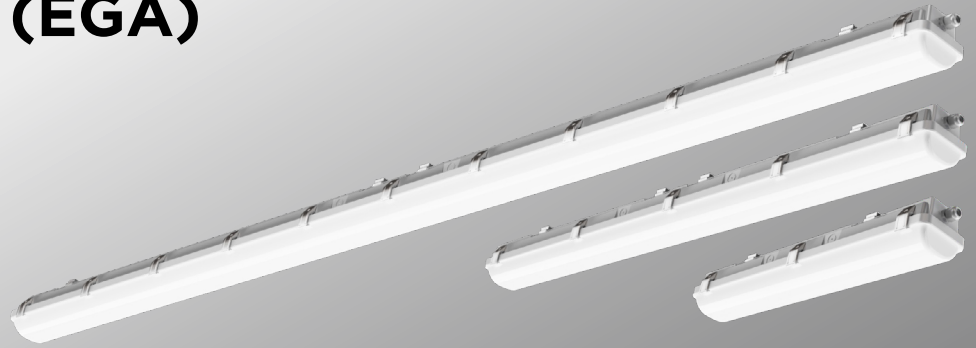




Advantage Series (EGA)

Enclosed and Gasketed



OVERVIEW

Lumen Output Range	2,000 - 15,000
Wattage (W)	15 - 100
Efficacy Range (LPW)	128 - 158
Weight lbs (kg)	2 - 10.9

QUICK LINKS

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

FEATURES & SPECIFICATIONS

Construction

- 1-piece housing made with durable polycarbonate
- Wiring emerges from crown through compression seal fitting to prevent water entry. One-piece silicone gasket seals crown to shade for water- and dusttight construction.
- Available in 2, 4, and 8 foot lengths
- Rugged diffuse lens secured by stainless steel latches

Optical System

- Lens is frosted to eliminate glare and provide a symmetric distribution.
- Injected molded polycarbonate lens for high impact resistance.
- Fully Selectable CCT via onboard switch (3000K, 3500K, 4000K, 4500K, 5000K)
- Minimum CRI of 80
- Factory Default = Maximum Output & CCT.

Electrical

- 0-10V dimming (10% - 100%) standard.
- AC Input: 120-347V.
- 10kV Surge Protector Standard.
- L80 Calculated Life: >100k Hours.
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F).
- Input power stays constant over life.
- Optional Battery Backup.

Controls

- Controls Options Include:
 - Simple Sensor Integral Microwave Sensor (IMWS)

Installation

- Mounting Bracket Allows Unit to be Hung with Aircraft Cable
- Surface Mount
- 45 Degree Bracket

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.

Listings

- Listed to UL 1598 and UL 8750.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for wet locations.
- IP65 rated Luminaire per IEC 60598-1.
- IK07 rated fixture per IEC 62262.
- Specifications and dimensions subject to change without notice.



Advantage Series (EGA) Enclosed and Gasketed

Type : _____

 Have questions? Call us at (800) 436-7800

ORDERING GUIDE

[Back to Quick Links](#)

TYPICAL ORDER EXAMPLE: EGA 4 FS RPD UNC G IMWS EM									
Prefix	Length	Lumen Package	Lens Type	Voltage	Finishes	Controls	EM Options	Options	
EGA - Advantage Enclosed and Gasketed (Gen 2)	2 - 2'	FS - Fully Selectable (2L-4L/3000K-3500K-4000K-4500K-5000K)	RPD - Round Polycarbonate Diffuse	UNC - 120-347	G - Grey	IMWS - Integral Microwave Sensor	EM ² - Emergency Battery	None - No Options	E10CD - 10ft cord 16/5 dimming; no plug installed on END
	4 - 4'	FS - Fully Selectable (4-7L/3000K-3500K-4000K-4500K-5000K)						E6CN - 6ft cord 16/3 dimming; no plug installed on END	E6CW - Car Wash Cord & Bushings
	8 - 8'	FS - Fully Selectable (10-15L/3000K-3500K-4000K-4500K-5000K)						E6CD - 6ft cord 16/5 dimming; no plug installed on END	E6CDEM - 6ft cord 16/6 EM dimming; no plug installed on END
								E10CN - 10ft cord 16/3 dimming; no plug installed on END	E10CDEM - 10ft cord 16/6 EM dimming; no plug installed on END



Need more information?
[Click here for our glossary](#)

Have additional questions?
Call us at (800) 436-7800



ACCESSORY ORDERING INFORMATION

Part Number	Order Number	Description
431373	TCH10	10' Toggle Cable Hanger
885808	45B	45° Stainless Steel Mounting Bracket ¹
778196	EM	Remote EM Kit for 2'

- 1 Two brackets required for 4ft / Three brackets required for 8ft
2 EM backup on 4ft and 8ft unit - 120-277V only
3 For EM on 8ft = 25W Battery Backup

PERFORMANCE

[Back to Quick Links](#)

Delivered Lumens*														
Lumen Package	CRI	Device	Length	3000K		3500K		4000K		4500K		5000K		Wattage
				Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	
2L 15W	80	Goni	2	2082	130	2198	137	2216	144	2246	140	2240	140	16
3L 20W		Goni		2690	134	2839	142	2863	145	2902	145	2894	145	20
4L 30W		Goni		3767	130	3977	140	4010	144	4064	142	4053	141	29
4L 30W		Goni	4	4063	140	4289	148	4325	149	4383	151	4371	151	29
6L 40W		Goni		5310	136	5606	144	5653	145	5729	147	5714	147	39
7L 50W		Goni		6413	134	6771	141	6827	143	6919	144	6900	144	48
9L 70W		Prorated	8	8661	126	9144	133	9220	134	9344	135	9319	135	69
12L 80W		Prorated		11321	143	11952	151	12051	153	12214	155	12180	154	79
15L 100W		Prorated		13672	136	14434	144	14554	145	14750	147	14710	147	100

*LEDs are frequently updated therefore values are nominal

Electrical Data*							
Lumen Package	Length	Wattage	120V	208V	240V	277V	347V
2L 15W	2	16	0.13	0.08	0.07	0.06	0.05
3L 20W		20	0.17	0.10	0.08	0.07	0.06
4L 30W		29	0.24	0.14	0.12	0.10	0.08
4L 30W	4	29	0.24	0.14	0.12	0.10	0.08
6L 40W		39	0.33	0.19	0.16	0.14	0.11
7L 50W		48	0.40	0.23	0.20	0.17	0.14
9L 70W	8	69	0.58	0.33	0.29	0.25	0.20
12L 80W		79	0.66	0.38	0.33	0.29	0.23
15L 100W		100	0.84	0.48	0.42	0.36	0.29

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

PERFORMANCE

[Back to Quick Links](#)

Recommended Lumen Maintenance ¹ - EGA 2 FS RPD UNC (30W)					
Ambient Temperature	Initial ²	25K hrs. ²	50K hrs. ²	75K hrs. ³	100K hrs. ³
0 C	100%	93%	86%	79%	72%
10 C	100%	93%	86%	79%	72%
20 C	100%	93%	86%	79%	72%
25 C	100%	93%	86%	79%	72%
30 C	100%	93%	86%	78%	71%
40 C	100%	92%	86%	77%	71%
50 C	100%	92%	85%	76%	70%

Recommended Lumen Maintenance ¹ - EGA 8 FS RPD UNC (100W)					
Ambient Temperature	Initial ²	25K hrs. ²	50K hrs. ²	75K hrs. ³	100K hrs. ³
0 C	100%	95%	88%	80%	73%
10 C	100%	95%	88%	80%	73%
20 C	100%	93%	87%	79%	72%
25 C	100%	93%	86%	78%	71%
30 C	100%	93%	86%	78%	71%
40 C	100%	92%	86%	77%	71%
50 C	100%	92%	85%	76%	70%

Recommended Lumen Maintenance ¹ - EGA 4 FS RPD UNC (50W)					
Ambient Temperature	Initial ²	25K hrs. ²	50K hrs. ²	75K hrs. ³	100K hrs. ³
0 C	100%	95%	88%	80%	73%
10 C	100%	94%	88%	80%	73%
20 C	100%	93%	87%	79%	72%
25 C	100%	93%	86%	79%	72%
30 C	100%	93%	86%	78%	71%
40 C	100%	92%	86%	77%	71%
50 C	100%	92%	85%	76%	70%

CCT (80CRI)	
3000	0.939401496
3500	0.991770574
4000	1.0000000
4500	1.013466334
5000	1.010723192

8' Proration	
4FT 40K	1
8FT 40K	2.1318295

1 Lumen maintenance values at 40C are calculated per TM-21 based on LM-80 data and in-situ testing.
2 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.
3 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"

PHOTOMETRICS

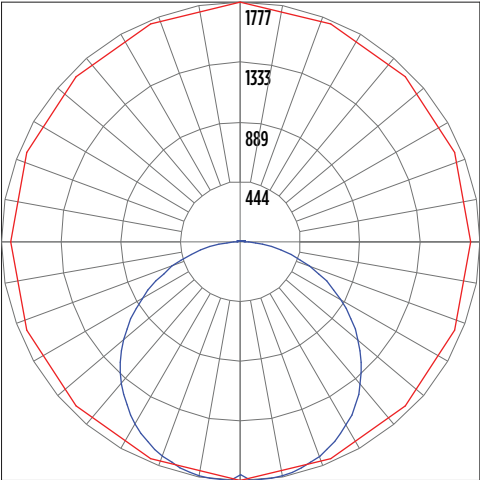
[Back to Quick Links](#)

Luminaire photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. As specified by IESNA LM-79-08 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

See the individual product page on <https://www.lsicorp.com/> for detailed photometric data.

EGA-4-FS-RPD-UNC

Polar Curve



Vertical Plane

Horizontal Cone

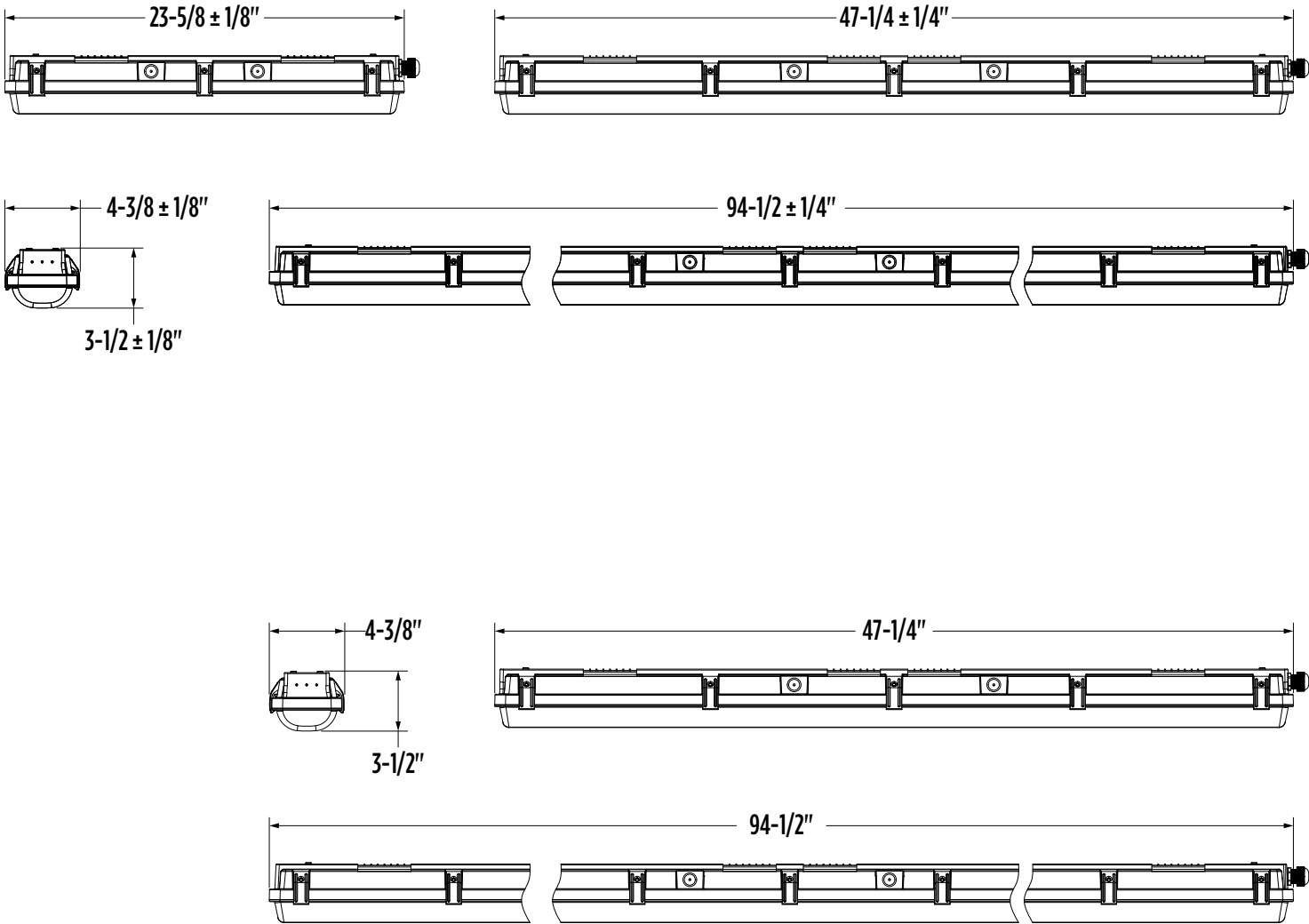
Advantage Series (EGA) Enclosed and Gasketed

Type : _____

 Have questions? Call us at (800) 436-7800

PRODUCT DIMENSIONS

[Back to Quick Links](#)



Shipping Weights		
EGA 2 FS RPD UNC	3.2	lbs
EGA 4 FS RPD UNC	5.3	lbs
EGA 8 FS RPD UNC	10.9	lbs