

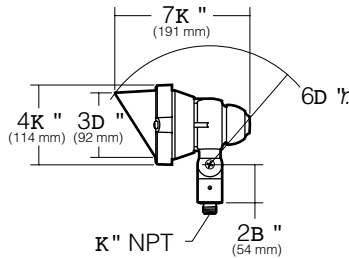
Scarab™ EL700

120 TO 277 VOLT DIE-CAST ALUMINUM LED

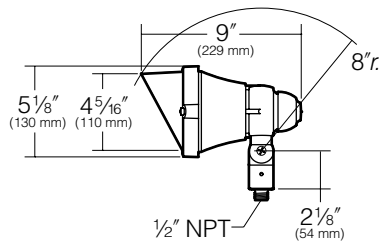
<p>Type: Job:</p>	<p>Approvals:</p>
<p>Fixture Catalog number:</p> <hr/> <p>Fixture and Finish</p>	<p>Fixture Options:</p> <hr/> <p>Ordered separately from fixture, see page 3. See 120 Volt Mounting Options Spec Sheet for mounting options</p>

Specifications

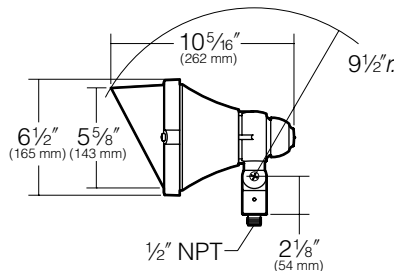
EL700/7L
7 Light Emitting Diodes



EL700/9L
9 Light Emitting Diodes



EL700/12L
12 Light Emitting Diodes



Housing: Die-cast aluminum body and lens frame.
Swivel: Die-cast aluminum with locking teeth and K" solid brass NPT mount. Provides horizontal rotation independent of the threaded mount. Swivel locked by J-20 stainless set screw. Clear anodized prior to powder coating for added corrosion resistance.

Gasketing: Silicone gaskets throughout.

Fasteners: Stainless steel.

Wiring: No. 18AWM rated 105°C.

Optical System: High performance acrylic optic securely attached to internal heat sink for maximum thermal dissipation.

Driver: Universal Voltage from 120 to 277V with a ±10% tolerance. -40°F. starting temperature. All drivers are Underwriters Laboratories recognized.

Finish: Each luminaire receives a fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) polyester powdercoat finish. Standard colors include (BL) Black, (DB) Dark Bronze, (GR) Verde Green.

Listed to: UL 1598 Standard for Luminaires - UL 8750 Standard for Safety for Light Emitting Diode (LED) Equipment for use in Lighting Products and CAN/CSA C22.2 No. 250.0 -08 Luminaires. LEDs and drivers are RoHS compliant.

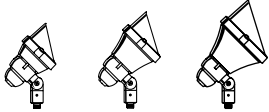
CAUTION: Fixtures must be grounded in accordance with national, state and/or local electrical codes, Failure to do so may result in serious personal injury.

U.S. PATENT D424,731

KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

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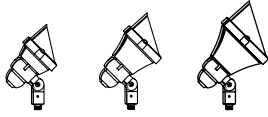


Standard Features

Ordering Information	Fixture	Source
	EL700S3/7L3KUV ¹	9W, 7 LEDs, 3000K
	EL700S3/7L4KUV ¹	9W, 7 LEDs, 4200K
	EL700S3/7L5KUV ¹	9W, 7 LEDs, 5100K
	EL700F3/7L3KUV ¹	9W, 7 LEDs, 3000K
	EL700F3/7L4KUV ¹	9W, 7 LEDs, 4200K
	EL700F3/7L5KUV ¹	9W, 7 LEDs, 5100K
	EL700S3/9L3KUV ¹	11W, 9 LEDs, 3000K
	EL700S3/9L4KUV ¹	11W, 9 LEDs, 4200K
	EL700S3/9L5KUV ¹	11W, 9 LEDs, 5100K
	EL700F3/9L3KUV ¹	11W, 9 LEDs, 3000K
	EL700F3/9L4KUV ¹	11W, 9 LEDs, 4200K
	EL700F3/9L5KUV ¹	11W, 9 LEDs, 5100K
	EL700S3/12L3KUV ¹	14W, 12 LEDs, 3000K
	EL700S3/12L4KUV ¹	14W, 12 LEDs, 4200K
	EL700S3/12L5KUV ¹	14W, 12 LEDs, 5100K
	EL700F3/12L3KUV ¹	14W, 12 LEDs, 3000K
	EL700F3/12L4KUV ¹	14W, 12 LEDs, 4200K
	EL700F3/12L5KUV ¹	14W, 12 LEDs, 5100K
	¹ S = Spot, F = Narrow Flood, 3 = 350mA, UV = Universal Voltage from 120 to 277V with a ±10% tolerance.	
Finish TGIC powder coat.	Color: Black Dark Bronze Verde Green Cat. No.: BL DB GR	

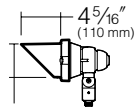
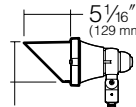
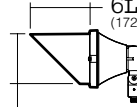
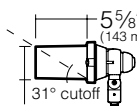
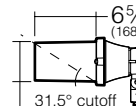
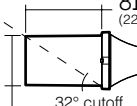



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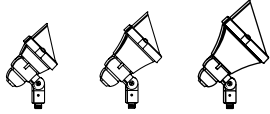
Fixture Options

Ordered Separately from Fixture

<p>Aluminum Adjustable Glare Shield</p>	<p>Spun aluminum shield with 45° cut and drain hole. Includes die-cast low copper alloy (< 0.6%) aluminum lens ring. The shield is rotatable 360°. Replaces standard lens ring/hood on fixture.</p>			
	 <p>4 5/16" (110 mm)</p> <p>3 9/16" DIA. (91 mm)</p>	 <p>5 1/16" (129 mm)</p> <p>4 3/16" DIA. (106 mm)</p>	 <p>6 1/8" (172 mm)</p> <p>5 1/8" DIA. (145 mm)</p>	
Finish	EL700/7L	EL700/9L	EL700/12L	
Black	AGS72BL	AGS73BL	AGS74BL	No Option
Dark Bronze	AGS72DB	AGS73DB	AGS74DB	No Option
Verde Green	AGS72GR	AGS73GR	AGS74GR	No Option
<p>Aluminum Full Glare Shield</p>	<p>Spun aluminum shield with drain hole. Includes die-cast low copper aluminum lens ring. Replaces standard lens ring/hood on fixture.</p>			
	 <p>5 5/8" (143 mm)</p> <p>31° cutoff</p> <p>3 7/16" DIA. (87 mm)</p>	 <p>6 5/8" (168 mm)</p> <p>31.5° cutoff</p> <p>4 1/16" DIA. (103 mm)</p>	 <p>8 1/8" (222 mm)</p> <p>32° cutoff</p> <p>5 1/8" DIA.</p>	
Finish	EL700/7L	EL700/9L	EL700/12L	
Black	FGS72BL	FGS73BL	FGS74BL	No Option
Dark Bronze	FGS72DB	FGS73DB	FGS74DB	No Option
Verde Green	FGS72GR	FGS73GR	FGS74GR	No Option
<p>Debris Screen</p>	<p>Stainless steel wire screen welded to flange, and held in place with spring clips. Screen inserts inside full glare shield only. All debris screens are black iridite colored.</p>			
				
Finish	EL700/7L	EL700/9L	EL700/12L	
Black	DS72	DS73	DS74	No Option

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Lumen Data

Spectroradiometric			
	3000K	4200K	5100K
Correlated Color Temp. CCT (K)	2800 to 3175K	3800 to 4600K	4600 to 5600K
Color Rendering Index (CRI)	≤80	≤80	≤70
Power Factor	>.90 @ 120V	>.90 @ 120V	>.90 @ 120V

Electrical Drive Current									
Current	EL700-7L			EL700-9L			EL700-12L		
	Volts -AC	Amps - AC	System Watts	Volts -AC	Amps - AC	System Watts	Volts -AC	Amps - AC	System Watts
350mA	120	0.08	9	120	0.09	11	120	0.13	14
	208	0.05	9	208	0.06	11	208	0.08	14
	240	0.04	9	240	0.05	11	240	0.07	14
	277	0.04	9	277	0.04	11	277	0.06	14

Absolute Lumens									
Current	EL700-7L			EL700-9L			EL700-12L		
	Temp.	Spot	Narrow Flood	Temp.	Spot	Narrow Flood	Temp.	Spot	Narrow Flood
350mA	3000K	1244	786	3000K	1591	1086	3000K	2055	1397
	4000K	1276	806	4000K	1631	1114	4000K	2108	1432
	5000K	1290	815	5000K	1650	1126	5000K	2132	1449

Main Beam Candela and Beam Angle															
Current	EL700-7L					EL700-9L					EL700-12L				
	Temp.	Spot	Beam°	Narrow Flood	Beam°	Temp.	Spot	Beam°	Narrow Flood	Beam°	Temp.	Spot	Beam°	Narrow Flood	Beam°
350mA	3000K	8442	16°	1812	25°	3000K	9892	18°	4715	23°	3000K	14460	15°	5694	26°
	4000K	8697	16°	1867	25°	4000K	10170	18°	4858	23°	4000K	14873	15°	5859	26°
	5000K	8793	16°	1891	25°	5000K	10290	18°	4916	23°	5000K	15045	15°	5929	26°

LED performance and lumen output continues to improve at a rapid pace. Log onto www.currentlighting.com/kimlighting to download the most current photometric files from Kim Lighting's IES File Library.
For custom optics and color temperature configurations, contact factory.

Projected Lumen Maintenance		
TM21-11*	100,000 hrs	Calculated (L70)
.97	.96	1,003,000 hrs

* 60,000 hrs, 350mA, Ts 46-51°C / 25°C ambient.