

# KEL-LED-225 / RAS

KELSEY LED 2.25" Square Linear / Rotational Arm Mount (RAS)

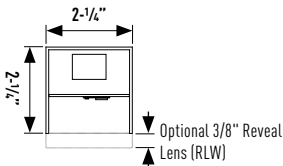
TYPE:

JOB NAME:



KELSEY 225 RAS-R Shown

## DIMENSIONS:



Light Output	Nominal Delivered Lumens	Wattage	Efficacy
SLO (HE, 3500K/80CRI)	416.4 lm/ft	4.3 W/ft	96.8 lm/W
HLO (HE, 3500K/80CRI)	923.8 lm/ft	8.8 W/ft	105.9 lm/W

Wattage includes driver and LED Module consumption. Delivered lumen output will vary depending on CCT, CRI, and Optic selection.

## CONSTRUCTION

Heavy gauge square extruded aluminum housing. 1/4" thick precision-machined aluminum end-caps. Extruded acrylic lenses specifically engineered to maximize the performance and transmission from a variety of light sources.

## LED LIGHT OUTPUT SYSTEM

- HLO (High Lumen Output) & SLO (Standard Lumen Output) providing efficient illumination.
- CLO (Custom Lumen Output) User specified lumen output & wattage. Consult factory for details.
- Rated life of L70 > 60,000 hours based on LED testing per LM-80-08 and projected values using IESNA TM21-11

## DIMMING

- 0-10V Dimming 1%
- eldoLED 0-10V 0.1% or 1%
- Lutron® LTEA2W Hi-Lume 2-Wire 1%
- Lutron® LDE1 Hi-Lume EcoSystem 1%
- DALI Dimming 1%

## LENES

- Impact resistant co-extruded lens with highly reflective internal cavity
- (HE) High Efficiency lens provides optimal performance with even and continuous diffusion
- (FBLSS) Flat Blade Louver Semi-Specular with diffusing layer.

## PERFORMANCE OPTICS

(BW) Batwing, (AS) 15° Asymmetric, and (E70) 70° Elliptical.

## FIXTURE LENGTH

- Nominal Lengths: 2', 3', 4', 6', and 8'
- Continuous run & mitered angles available. Consult factory for lead times.

## MOUNTING

- Rotational arm mount with 6" arm color match to fixture. Consult factory for longer arm length and cable tie back option. **Note:** See back page for maximum arm lengths.

## FINISHES

Available finishes includes powder coated Matte White (MW), Flat Black (FB), and Matte Aluminum (MA). Consult factory for custom powder coat finishes.

## LISTING / WARRANTY

- 5-Year Limited Warranty
- UL Listed to US and Canadian standards
- Can be used to comply with 2016 Title 24, Part 6, JA8 high efficacy LED light source requirements<sup>1</sup>



ORDERING CODE: (Example: KEL-LED-225-IB-SLO-30-2-MW-FW-120-D1-RAS-R-6MW)

1: Model	2: Light Output	3: CCT / CRI	4: Nominal Length	5: Finish	6: Lens
<b>KEL-LED-225-IB</b> (2.25", Integral Driver)	<b>-SLO</b> (Standard Lumen Output)	<b>-279</b> (2700K / 90CRI)	<b>-2</b> (2ft)	<b>-MW</b> (Matte White, Powder Coat)	<b>-FW</b> (Frosted White)
<b>KEL-LED-225-RB</b> (2.25", Remote Driver)	<b>-HLO</b> (High Lumen Output)	<b>-30</b> (3000K / 80CRI)	<b>-3</b> (3ft)	<b>-FB</b> (Flat Black, Powder Coat)	<b>-HE<sup>6</sup></b> (High Efficiency)
	<b>-HLO</b> (High Lumen Output)	<b>-309</b> (3000K / 90CRI)	<b>-4</b> (4ft)	<b>-MA</b> (Matte Aluminum, Powder Coat)	<b>-RLW</b> (Reveal Frosted White 3/8 Extended)
	<b>-CLO<sup>2</sup></b> (Custom Lumen Output)	<b>-35</b> (3500K / 80CRI)	<b>-6</b> (6ft)	<b>-CUP<sup>5</sup></b> (Custom Powder Coat)	<b>-BW<sup>6</sup></b> (Batwing 115°)
		<b>-359</b> (3500K / 90CRI)	<b>-8</b> (8ft)		<b>-AS<sup>6</sup></b> (Asymmetric 15°)
		<b>-40</b> (4000K / 80CRI)	<b>-CR<sup>3</sup></b> (Continuous Run)		<b>-E70<sup>6</sup></b> (Elliptical 70°)
		<b>-409</b> (4000K / 90CRI)	<b>-MTR-R<sup>4</sup></b> (Miter Run)		<b>-FBLSS</b> (Flat Blade Louver Semi-Specular)

7: Voltage	8: Driver	9: RAS Mounting Options	10: Arm Length / Finish Color	11: Options
<b>-120</b> (120V)	<b>-D1</b> (0-10V Dimming 1%)	<b>-RAS-R</b> (RAS w/ 4" Round Canopy & 1.25" Knuckle)	<b>-6MW</b> (6" Arm Length, Matte White)	<b>-EM<sup>5</sup></b> (Emergency Battery Pack)
<b>-277</b> (277V)	<b>-ED10V1</b> (eldoLED 0-10V 1%)	<b>-RAS-R2</b> (RAS w/ 4" Round Canopy & 2.25" Knuckle)	<b>-6FB</b> (6" Arm Length, Flat Black)	<b>-IEPH1</b> (Leviton Intellect Embedded)
<b>-347<sup>2</sup></b> (347V)	<b>-ED10V01</b> (eldoLED 0-10V 0.1%)	<b>-RAS-TR</b> (RAS w/ 1.25" Trim Ring & 1.25" Knuckle)	<b>-6MA</b> (6" Arm Length, Matte Aluminum)	Integral Sensor & Power Pack
	<b>-HLA2<sup>7</sup></b> (LTEA2W Lutron Hi-Lume 2-Wire 1%)	<b>-RAS-TR2</b> (RAS w/ 1.25" Trim Ring & 2.25" Knuckle)	<b>-CU<sup>4</sup></b> (Custom Length, Consult Factory)	<b>-TB</b> (Cable Tie Back For Extended Arm Lengths)
	<b>-HL</b> (LDE1 Lutron Hi-Lume Ecosystem 1%)			
	<b>-DALI</b> (DALI Dimming 1%)			

## Notes

- D1 (0-10V 1%) only. Excludes 80CRI, Remote Driver and Continuous Runs
- Consult factory, available with D1 options only
- Specify length in "feet"
- See [miter worksheet](#) for specification (detailed drawing required)
- Consult factory
- Available with 225 RB only
- Lutron HLA2, 120V only

SPECIFICATION SHEET LM-0912.22 P-4

BIRCHWOOD LIGHTING | 3340 E La Palma Ave, Anaheim, CA 92806 | tel 714 550-7118 | fax 714 550-7151 | www.birchwoodlighting.com

For Birchwood Lighting's limited product warranty, go to [www.birchwoodlighting.com](http://www.birchwoodlighting.com). For a printed copy of the warranty, you may call 800 961-5321.

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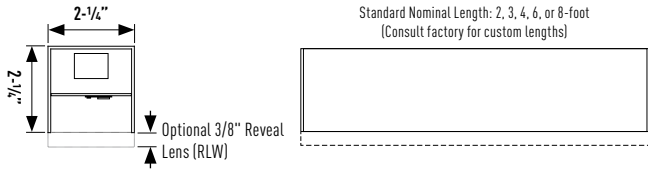
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**DIMENSIONS:**

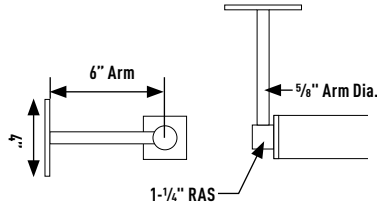


**Max Arm Lengths Without Additional Support:**

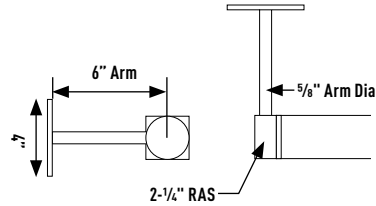
**Note:** For lengths longer than max, specify "TB" in option section for aircraft cable tie back.

KEL-LED- 225	4' Fixture	6' Fixture	8' Fixture
	18" Arm	12" Arm	9" Arm

**1.25" ROTATIONAL ARM MOUNT**



**2.25" ROTATIONAL ARM MOUNT**



**NOMINAL DELIVERED LUMEN DATA**

Kelsey 225 IB	SLO			HLO		
Optic Type	Lumen Per Foot	Wattage Per Foot	Efficacy	Lumen Per Foot	Wattage Per Foot	Efficacy
Frosted White (FW)	368 lm/ft	4.3W/ft	85 lm/W	856.5 lm/ft	8.7W/ft	98.2 lm/W

Kelsey 225 RB	SLO:			HLO		
Optic Type	Lumen Per Foot	Wattage Per Foot	Efficacy	Lumen Per Foot	Wattage Per Foot	Efficacy
High Efficiency (HE)	416.4 lm/ft	4.3 W/ft	96.8 lm/W	923.8 lm/ft	8.7W/ft	105.9 lm/W
Batwing (BW)	416.4 lm/ft	4.3 W/ft	96.8 lm/W	970.5 lm/ft	8.7W/ft	111.2 lm/W
Asymmetric (AS)	410.4 lm/ft	4.3 W/ft	95.4 lm/W	1055.5 lm/ft	8.8W/ft	120.6 lm/W
Elliptical (E70)	393.4 lm/ft	4.3 W/ft	91.4 lm/W	1024.8 lm/ft	8.8W/ft	116.4 lm/W
Frosted White (FW)	405.2 lm/ft	4.3 W/ft	94.2 lm/W	856.5 lm/ft	8.7W/ft	98.2 lm/W

