

# KEL-LED-225 / CSS

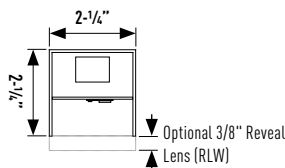
KELSEY LED 2.25" Square Linear / Cable Suspended (CSS) & Rotational Cable Suspended (CSS-R)

TYPE:

JOB NAME:



## 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® L762W Hi-Lume 2-Wire 1%
- Lutron® LDE1 Hi-Lume EcoSystem 1%
- DALI Dimming 1%

## LENS

- 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.

## INTELLECT ENABLED (OPTIONAL CONTROLS)

Intellect-enabled fixtures integrate wireless dimming, occupancy / vacancy sensing, multi-zone daylight harvesting, manual control, and scene control.

## MOUNTING

- (CSS) Cable Suspension System field-adjustable 1/16" aircraft cable or (CSS-R) Cable Suspension Rotational System
- Standard matte white, flat black, or matte silver 5" canopy with 36" field-adjustable aircraft cable. Consult factory for longer lengths.
- Power cord is color matched to canopy finish. Consult factory for additional canopy options and cable 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-CSS-DR-36MW)

1: Model	2: Light Output	3: CCT / CRI	4: Nominal Length	5: Finish	6: Lens
KEL-LED-225-IB (2.25", Integral Driver)	-SLO (Standard Lumen Output)	-279 (2700K / 90CRI)	-2 (2ft)	-MW (Matte White, Powder Coat)	-FW (Frosted White)
KEL-LED-225-RB (2.25", Remote Driver)	-HLO (High Lumen Output)	-30 (3000K / 80CRI)	-3 (3ft)	-FB (Flat Black, Powder Coat)	-HE <sup>5</sup> (High Efficiency)
	-CLO <sup>2</sup> (Custom Lumen Output)	-309 (3000K / 90CRI)	-4 (4ft)	-MA (Matte Aluminum, Powder Coat)	-RLW (Reveal Frosted White 3/8 Extended)
		-35 (3500K / 80CRI)	-6 (6ft)	-CUP <sup>5</sup> (Custom Powder Coat)	-BW <sup>6</sup> (Batwing 115°)
		-359 (3500K / 90CRI)	-8 (8ft)		-AS <sup>6</sup> (Asymmetric 15°)
		-40 (4000K / 80CRI)	-CR <sup>3</sup> (Continuous Run)		-E70 <sup>6</sup> (Elliptical 70°)
		-409 (4000K / 90CRI)	-MTR-R <sup>4</sup> (Miter Run)		-FBLSS (Flat Blade Louver Semi-Specular)
7: Voltage	8: Driver	9: CSS Mounting Options	10: Canopy/Cable Length	11: Options	
-120 (120V)	-D1 (0-10V Dimming 1%)	-CSS-DR (CSS Direct)	-36MW (5" Round Matte White Canopy, 36" Aircraft Cable)	-EM <sup>5</sup> (Emergency Battery Pack)	
-277 (277V)	-ED10V1 (eldoLED 0-10V 1%)	-CSS-IN (CSS Indirect)	-36FB (5" Round Flat Black Canopy, 36" Aircraft Cable)	-IEPH1 (Leviton Intellect Embedded Integral Sensor & Power Pack)	
-347 <sup>2</sup> (347V)	-ED10V01 (eldoLED 0-10V 0.1%)	-CSS-R (CSS-R w/ 1.25" Knuckle)	-36MS (5" Round Matte Silver Canopy, 36" Aircraft Cable)		
	-HLA2 <sup>7</sup> (L762W Lutron Hi-Lume 2-Wire 1%)	-CSS-R2 (CSS-R w/ 2.25" Knuckle)	-CU <sup>5</sup> (Custom Length, Consult Factory)		
	-HL (LDE1 Lutron Hi-Lume Ecosystem 1%)				
	-DALI (DALI Dimming 1%)				

## Notes

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

**10 DAY SHIPPING** Options in green qualify for the 10 day shipping program. Refer to the 10 day shipping guide for more details.

SPECIFICATION SHEET L/M-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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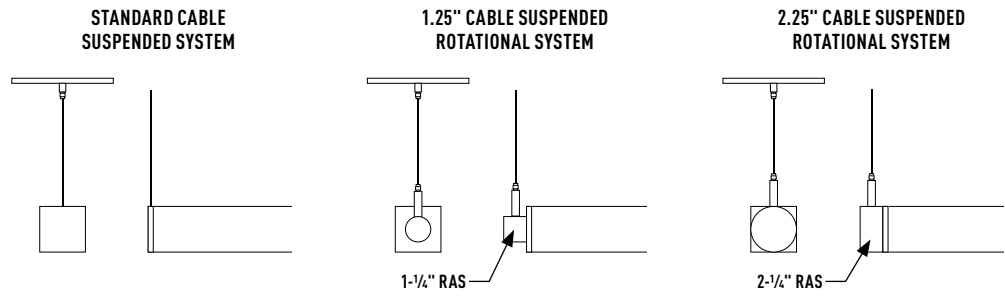
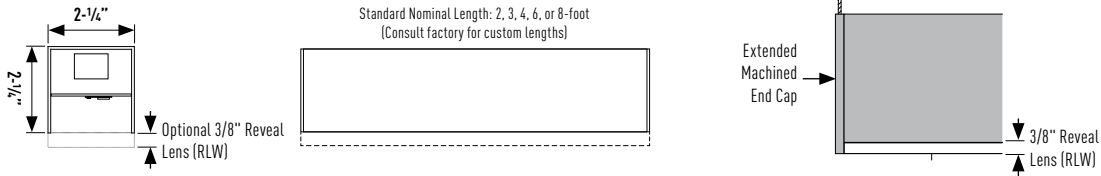
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lighting | company

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TYPE: \_\_\_\_\_  
 JOB NAME: \_\_\_\_\_

**DIMENSIONS:**

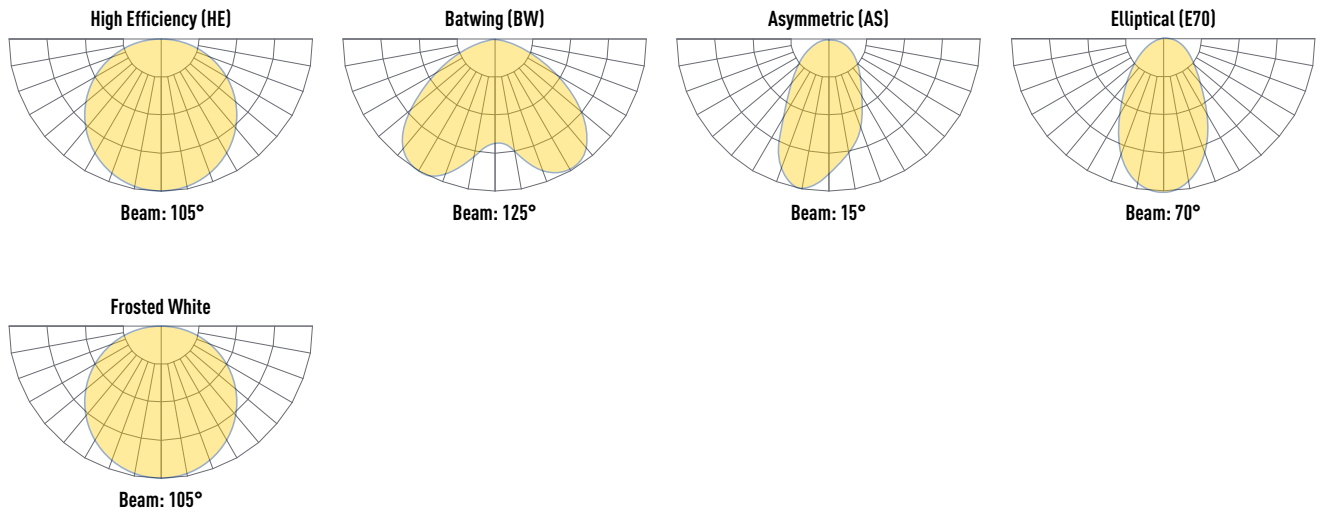


**NOMINAL DELIVERED LUMEN DATA**

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	



SPECIFICATION SHEET L/M-0912-22 P-7