

KEL-LED-125 / RAS

KELSEY LED 1.25" Square Linear (Remote Only) / Rotational Arm Mount (RAS)

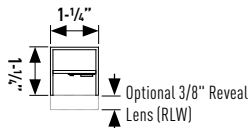
TYPE:

JOB NAME:



KELSEY 225 RAS-R Shown

DIMENSIONS:



Light Output	Nominal Delivered Lumens / Wattage			
	Direct		Indirect	
FW Lens: 3500K/80CRI				
SLO	283 lm/ft	2.9 W/ft	283 lm/ft	2.9 W/ft
HLO	565 lm/ft	5.9 W/ft	565 lm/ft	5.9 W/ft

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%

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

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.

REMOTE DRIVER BOX

Remote box included. Above ceiling access required for servicing. Formed aluminum construction with knock-outs. Consult factory for maximum recommended mounting distance.

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



ORDERING CODE: (Example: KEL-LED-125-SLO-30-2-SC-FW-120-D1-RAS-R-6MW)

1: Model	2: Light Output	3: CCT / CRI	4: Nominal Length	5: Finish	6: Lens
KEL-LED-125 (1.25")	-SLO (Standard Lumen Output)	-279 (2700K / 90CRI)	-2 (2ft)	-MW (Matte White, Powder Coat)	-FW (Frosted White)
	-HLO (High Lumen Output)	-30 (3000K / 80CRI)	-3 (3ft)	-FB (Flat Black, Powder Coat)	-RLW (Reveal Frosted White)
	-CLO ¹ (Custom Lumen Output)	-309 (3000K / 90CRI)	-4 (4ft)	-MA (Matte Aluminum, Powder Coat)	3/8 Extended
		-35 (3500K / 80CRI)	-6 (6ft)	-CUP ⁴ (Custom Powder Coat)	
		-359 (3500K / 90CRI)	-8 (8ft)		
		-40 (4000K / 80CRI)	-CR ² (Continuous Run)		
	-409 (4000K / 90CRI)	-MTR-R ³ (Miter Run)			

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

Notes

- Consult factory, available with D1 options only
- Specify length in "feet"
- See [miter worksheet](#) for specification (detailed drawing required)
- Consult factory
- Lutron HLA2, 120V only

SPECIFICATION SHEET / LM-0912.22 P-1

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. For a printed copy of the warranty, you may call 800 961-5321.

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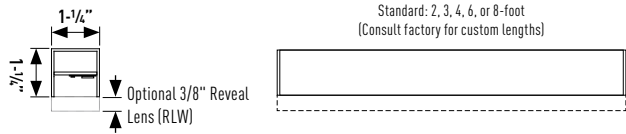
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DIMENSIONS:

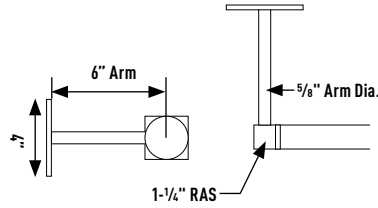


Max Arm Lengths Without Additional Support:

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

KEL-LED- 125	4' Fixture	6' Fixture	8' Fixture
	18" Arm	12" Arm	12" Arm

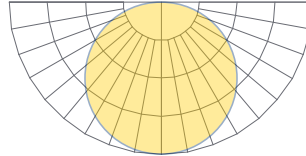
1.25" ROTATIONAL ARM MOUNT



NOMINAL DELIVERED LUMEN DATA

Kelsey 125	SLO: Direct		SLO: Indirect		HLO: Direct		HLO: Indirect	
	Lumen Per Foot	Wattage Per Foot	Lumen Per Foot	Wattage Per Foot	Lumen Per Foot	Wattage Per Foot	Lumen Per Foot	Wattage Per Foot
Frosted White (FW)	283 lm/ft	2.9 W/ft	283 lm/ft	2.9 W/ft	565 lm/ft	5.9 W/ft	565 lm/ft	5.9 W/ft

Frosted White



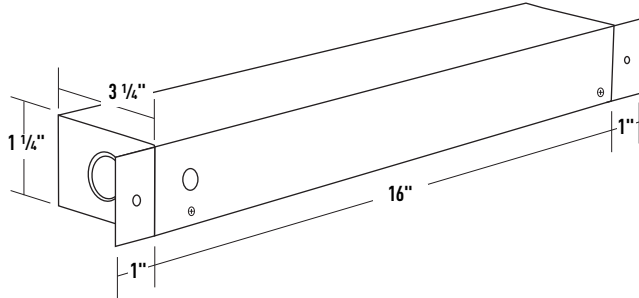
Efficacy: up to 95lm/W
Beam: 105°

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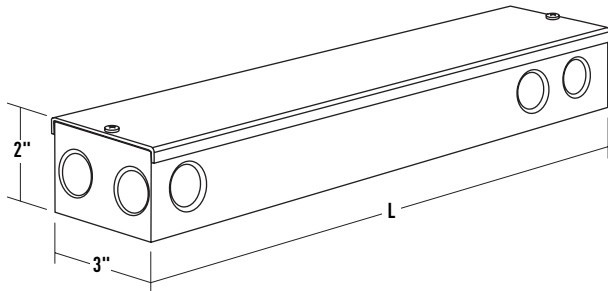
TYPE: _____
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BALLAST / LED DRIVER BOX | HOUSING



BB16A: RECESSED BALLAST AND LED DRIVER BOX

- L=16"
- Panel Cut Out= 2 1/4 x 16 1/16



BB14B: STANDARD BALLAST AND LED DRIVER BOX

- L=16"
- Panel Cut Out= 2 1/4 x 16 1/16

BB23B: STANDARD BALLAST AND LED DRIVER BOX

- L=23"
- Panel Cut Out= 3 x 2

BB28B: RECESSED BALLAST AND LED DRIVER BOX

- L=28"
- Panel Cut Out= 3 x 2

(Surface Mount in Any Orientation)