

JAK-LED

JAKE 1.65", 2.25", 3.25" & 5.00" T-Gird Linear

TYPE:

JOB NAME:



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

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.

CONSTRUCTION

Fixture body is constructed of heavy gauge extruded aluminum. Fixtures are available in nominal lengths of 2, 3, 4, 6 and 8 feet, and continuous run lengths. Lenses are extruded acrylic. Note: The exposed trim edge is matte white. For custom finishes, consult factory.

MOUNTING

Recessed linear fixture for T-Grid ceiling installations. Available as continuous run mount. See installation information for specific details regarding installation guidelines. Various mounting clips provided for ease of installation.

INTELLECT ENABLED (OPTIONAL CONTROLS)

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

OPTIONS

(90° corner angles for transverse-run applications: from wall to ceiling Inside Corner (IC90), Outside Corner (OC90), and Face surface (F90).

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%

LISTING / WARRANTY

- 5-Year Limited Warranty
- IC-Rated, UL listed for direct contact with insulation
- UL listed to US and Canadian standards for damp/dry locations
- CCEA Chicago Plenum (Must specify "-CP" in options)
- Can be used to comply with 2016 Title 24, Part 6, JA8 high efficacy LED light source requirements¹³

ELECTRICAL DATA: (Data Based On 4000K/80CRI Configuration)

Light Output	SLO		HLO	
	lm/ft	W/ft	lm/ft	W/ft
JAK-LED-165 (FW)	249	2.9	499	7.08
JAK-LED-225 (HE)	448	4.3	847	8.8
JAK-LED-325 (HE)	494	4.3	934	8.8
JAK-LED-500 (FW)	530	5.8	1030	12.1

Wattage includes driver and LED Module consumption.

Delivered lumen output will vary depending on CCT, CRI and Optic selection.



ORDERING CODE: (Example: JAK-LED-165-LT9-SLO-279-3-HE-120-HLA2-EM)

1: Model	2: Trim Style ²	3: Light Output	4: CCT / CRI	5: Nominal Length	6: Lens
JAK-LED-165 (1.65" Aperture)	-LT9 (9/16" Exposed Lay-In) -LT15 (1 5/16" Exposed Lay-In)	-SLO (Standard Lumen Output)	-279¹⁰ (2700K / 90CRI) -30 (3000K / 80CRI)	-2 (2ft) -3 (3ft)	-FW (Frosted White) -HE¹² (High Efficiency)
JAK-LED-225¹³ (2.25" Aperture)	-TT9 (9/16" Tegular) -TT15 (1 5/16" Tegular)	-HLO (High Lumen Output)	-309 (3000K / 90CRI) -35 (3500K / 80CRI)	-4 (4ft) -6 (6ft)	-RLW (Reveal Frosted White 3/8" Extended)
JAK-LED-325 (3.25" Aperture)	-ITA (Interlude [®] 9/16") -ST9 (Slot Grid 9/16")	-CLO[®] (Custom Lumen Output)	-359 (3500K / 90CRI) -40 (4000K / 80CRI)	-8 (8ft) -CR_1 (Continuous Run, note length in feet)	-BW¹² (Batwing 120°) -AS¹² (Asymmetric 20°)
JAK-LED-500¹⁰ (5.00" Aperture)			-409 (4000K / 90CRI)	-MTR-R⁵ (Miter Run) -MTR-REC⁵ (Miter Rectangle)	-E70¹² (Elliptical 70°) -FBLSS³ (Flat Blade Louver Semi-Specular)
JAK-LED-4TZ⁷ (3.25" Aperture in 4" Armstrong [®] TechZone [®])					
JAK-LED-6TZ¹⁰ (5.00" Aperture in 6" Armstrong [®] TechZone [®])					

7: Voltage	8: Driver	9: Options
-120 (120V)	-D1 (0-10V Dimming 1%)	blank (No Options)
-277 (277V)	-ED10V1 (eLdoLED 0-10V 1%)	-EM⁷ (Emergency Battery Pack)
-347⁸ (347V)	-ED10V01 (eLdoLED 0-10V 0.1%)	-IEPH1 (Leviton Intellect™ Embedded integral Sensor and Power Pack)
	-HLA2⁶ (LTEA2W Lutron H-Lume 2-Wire 1%)	-CP¹¹ (Chicago Plenum)
	-HL (LDE1 Lutron Hi-Lume Ecosystem 1%)	
	-DALI (DALI Dimming 1%)	

NOTES

1. Specify length in nominal feet
2. The exposed trim edge is matte white. For custom finishes, consult factory
3. FBLSS available for 225 and 325
4. See [I-Grid sheet](#) for more details
5. See [miter worksheet](#) for specification (must provide detailed drawing for order)
6. 120V only
7. Consult factory for EM options
8. Available with D1, 0-10V dimming only
9. JAK-LED-4TZ only available with 9/16" trim styles
10. JAK-LED-500 not available in 2700K color temp
11. Compliant with CCEA Chicago Plenum code requirements
12. Available in 165, 225, and 325 only
13. Only JAKE 225 complies with T24, JA8. 0-10V dimming only. Excludes: 80CRI & Continuous/Miter Runs options.

SPECIFICATION SHEET / LM-1201-22-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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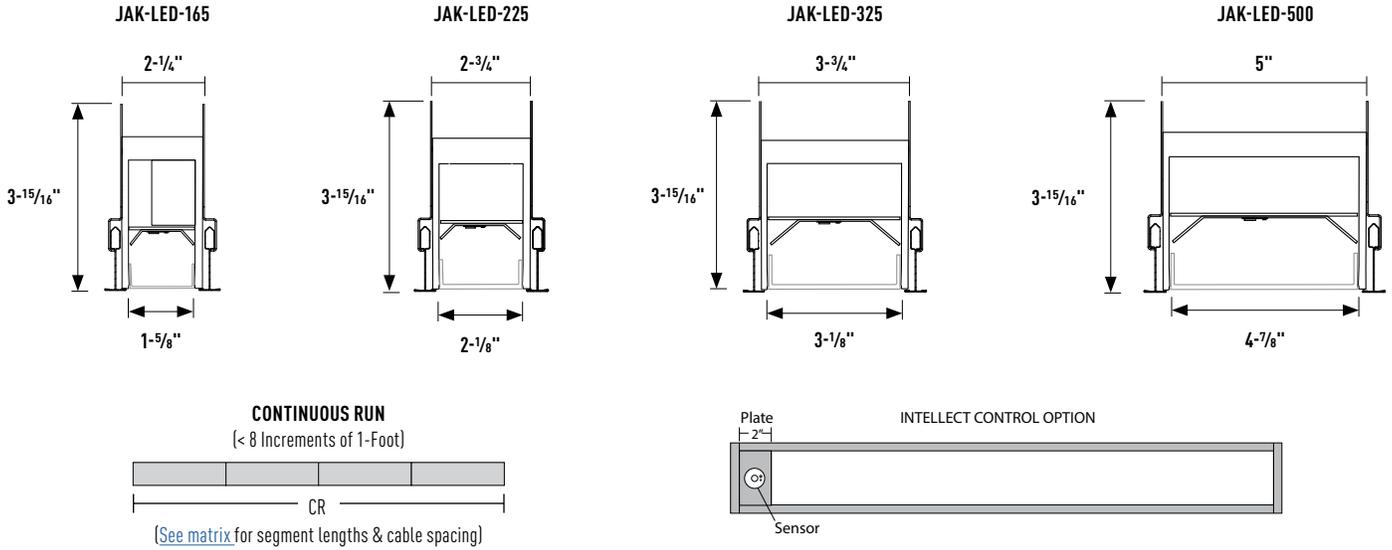
BIRCHWOOD | a LEVITON
lighting | company

JAK-LED

JAKE 1.65", 2.25", 3.25" & 5.00" T-Gird Linear

TYPE: _____
 JOB NAME: _____

DIMENSIONS



PHOTOMETRIC DATA:

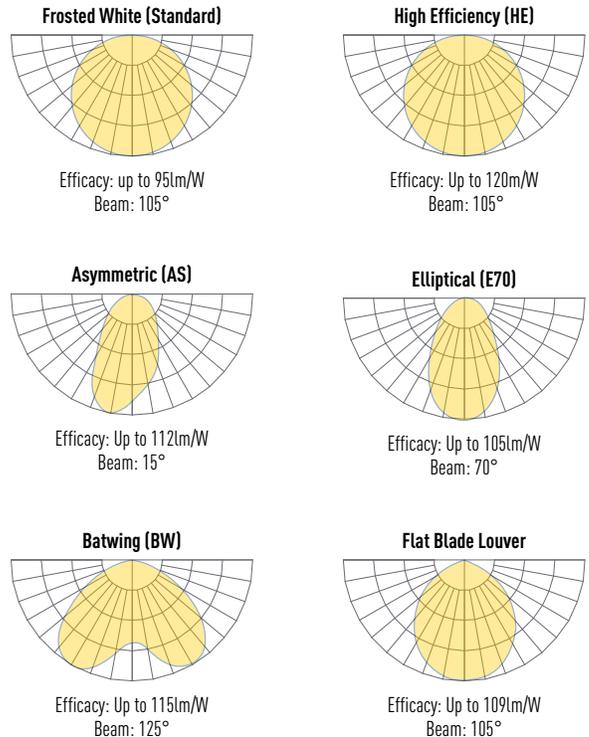
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JAK-LED-225 (HE)	448 lm/ft	4.3 W/ft	847 lm/ft	8.8 W/ft
JAK-LED-225 (FW)	405 lm/ft		766 lm/ft	
JAK-LED-225 (E70)	393 lm/ft		744 lm/ft	
JAK-LED-225 (AS)	410 lm/ft		776 lm/ft	
JAK-LED-225 (BW)	416 lm/ft		787 lm/ft	
JAK-LED-325 (HE)	494 lm/ft	4.3 W/ft	934 lm/ft	8.8 W/ft
JAK-LED-325 (FW)	405 lm/ft		766 lm/ft	
JAK-LED-325 (E70)	393 lm/ft		743 lm/ft	
JAK-LED-325 (AS)	459 lm/ft		768 lm/ft	
JAK-LED-325 (BW)	473 lm/ft		895 lm/ft	
JAK-LED-500 (FW)	530 lm/ft	5.8 W/ft	1030 lm/ft	12.1 W/ft

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

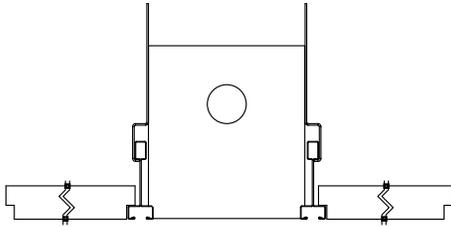
CCT SCALING FACTOR:

CCT	2700K	3000K	3500K	4000K
80 CRI	-	0.97	1.00	1.02
90 CRI	0.79	0.83	0.86	0.88

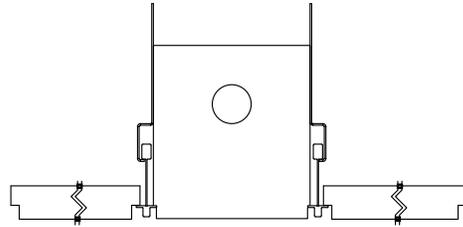


T-GRID Trim Styles

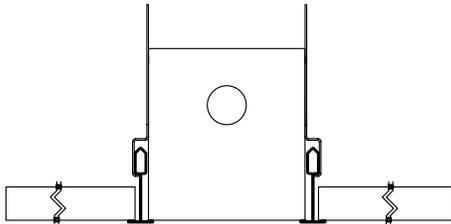
ST9-9/16 SLOT GRID



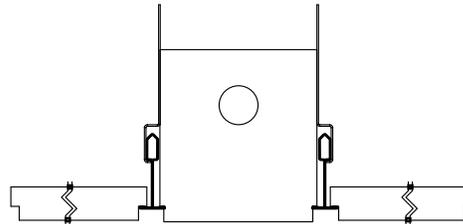
ITA-INTERLUDE



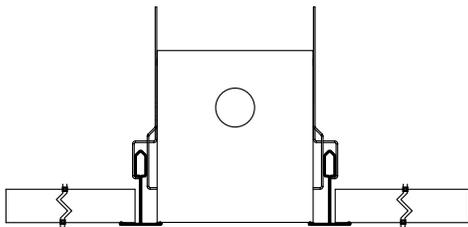
LT9-9/16 LAY-IN



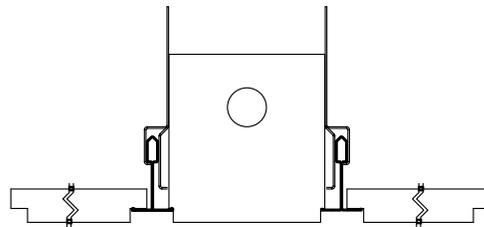
TT9-9/16 TEGULAR



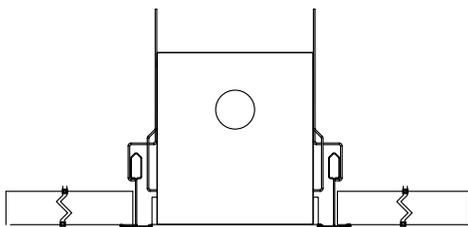
LT15-15/16 LAY-IN



TT15-15/16 TEGULAR



6TZ9-9/16 TECHZONE



6TZ9-15/16 TECHZONE

