



JAKE LED Perimeter

1.65", 2.25", 3.25", 5.00"


Trim/Trimless

Recessed Linear LED Fixture



JAKE LED Perimeter is a 3" deep recessed or flush lens style recessed linear luminaire comprised of various apertures, LED light sources and accessory options. JAKE LED 1.65", 2.25", 3.25" and 5.00" can be installed in gypsum ceilings or walls with either a 3/4" Trim (TR) or Trimless (TL) mud-over flange. T-grid for drop ceilings are also available.

JAKE LED Light Engines and dimmable driver components which combined together provide optimal LED lighting system capabilities.

 UL and c-UL listed for dry and damp locations.

 Made in the USA

 IC rated

 Chicago Plenum

FIXTURE SPECIFICATIONS

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 in either a Recess (PR) or Flush (PM) lens style.

Mounting

Recessed linear fixture for drywall or wood installations, or for mounting on the wall on a vertical plane. Available as continuous run mount. See installation information for specific details regarding installation guidelines. Various mounting clips provided for ease of installation.

LED Light Engine System

LED Light Engines are available as HLO (High Lumen Output) and SLO (Standard Lumen Output) providing efficient illumination. CLO (Custom Lumen Output) allows for end user specified lumen output or tailored wattage consumption for certain models. Consult factory for details.

Dimming

Dimming is available with a variety of control protocols and options. Consult factory for availability and specifications.

Finishes

Trim (TR) is standard Satin Clear (SC) anodized. Trimless (TL) is standard Mill finish. Custom powder coat finishes available - consult factory.

Options

(EM) Emergency Battery Pack as well as (CP) Chicago Plenum option available.

Custom and Mods

We proudly specialize in manufacturing custom and modified luminaires and have the ability to modify most of our standard fixtures. Please contact factory with any inquiries.



www.birchwoodlighting.com

Type:

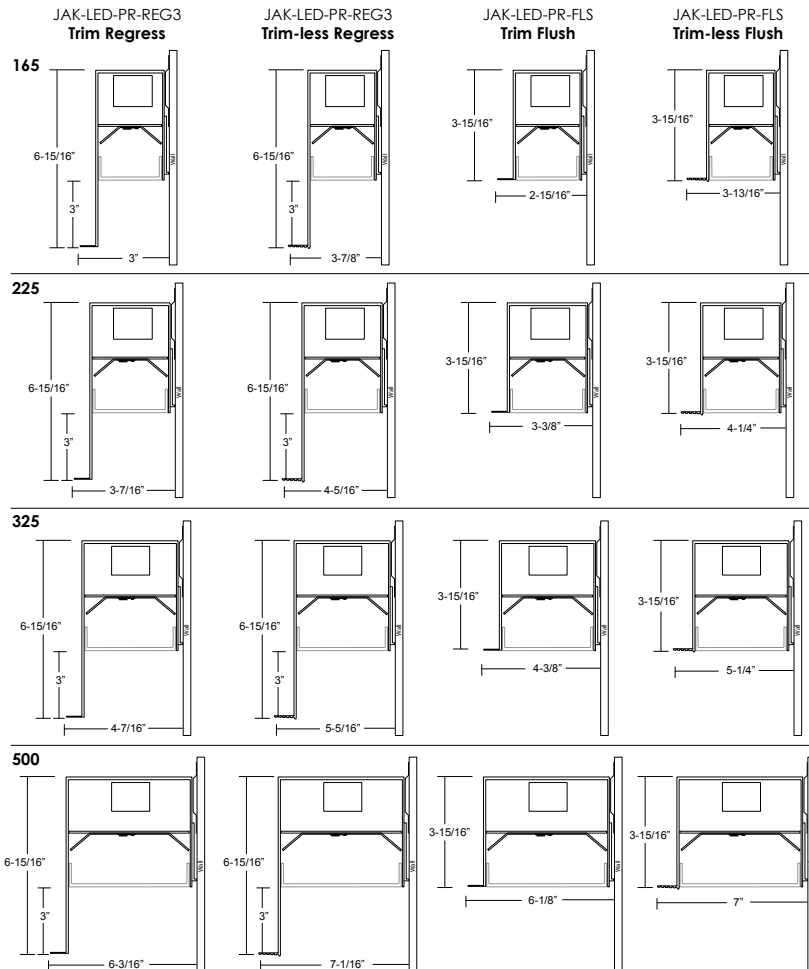
Job Name:

Recessed Linear LED Fixture

SPECIFICATION CODE

model	size	trim style	light engine	color temp	length	lens	voltage	driver	option	option
Model	Size	Trim Style²	Light Engine	Color Temp	Nominal Length	Lens	Voltage	Driver	Options	
JAK-LED-PR-FLS - Flush Lens	165 225 325	TR - 3/4" flanged trim	SLO - Standard Lumen Output	27 - 2700K 30 - 3000K 35 - 3500K	2 ⁸ - 2' 3 ⁸ - 3' 4 ⁸ - 4'	FW - Frosted White	120 277 347 ⁵	EB - Electronic Dimming	EM ⁴ - Emergency battery pack	
JAK-LED-PR-REG3 - 3" Deep Regress Lens	500	TL - Trimless Mud-over flange	HLO - High Lumen Output CLO ⁵ - Custom Lumen Output CLO Calculator	40 - 4000K	6 ⁸ - 6' 8 ⁸ - 8' CR ⁸ - Continuous Run WW ⁷ - Wall-to-Wall 1WL ⁹ - 1 Wall Left 1WR ⁹ - 1 Wall Right MTR ¹⁰ - Miter			D1 - 1% (nom) 0-10V D10 - 10% 0-10V HLA2 ³ - Lutron 2 wire HLA3 - Lutron 3 wire HLH - H-series HL5 - 5-series	CP ⁶ - Chicago Plenum Finishes ² SL - Silver FB - Flat Black MW - Matte White CUP - Custom powder coat	

Dimensions



NOTES

- specify lengths in nominal feet
- TR standard is Satin Clear, TL standard is Mill Finish. see [option sheet](#) for custom finishes
- 120V only
- consult factory for EM options
- available for EB, D1, D10 drivers only
- compliant with CCEA Chicago Plenum code requirements
- exact measurements between wall surfaces required
- fixture is positioned off the wall and includes all trim/flange pieces
- elevation view facing fixture side of wall (1) wall with (1) trim/flange piece
- see [Miter worksheet](#) for details

LED

165 (4000K FW lens)

SLO - 81 lm/watt delivered @ 2.9 w/ft fixture input watts, 236 lm/ft.
HLO - 80 lm/watt delivered @ 5.9 w/ft fixture input watts, 472 lm/ft.
CLO - refer to [CLO Calculator](#)
165 LED [supplement info](#)

225 (4000K FW lens)

SLO - 68 lm/watt delivered @ 4.4 w/ft fixture input watts, 301 lm/ft.
HLO - 67 lm/watt delivered @ 9.0 w/ft fixture input watts, 603 lm/ft.
CLO - refer to [CLO Calculator](#)
225 LED [supplement info](#)

325 (4000K FW lens)

SLO - 79 lm/watt delivered @ 4.4 w/ft fixture input watts, 348 lm/ft.
HLO - 77 lm/watt delivered @ 9.0 w/ft fixture input watts, 697 lm/ft.
CLO - refer to [CLO Calculator](#)
325 LED [supplement info](#)

500 (4000K FW lens)

SLO - 90 lm/watt delivered @ 5.8 w/ft fixture input watts, 524 lm/ft.
HLO - 86 lm/watt delivered @ 12.1 w/ft fixture input watts, 1048 lm/ft.
CLO - refer to [CLO Calculator](#)
500 LED [supplement info](#)