

STUD™-DI

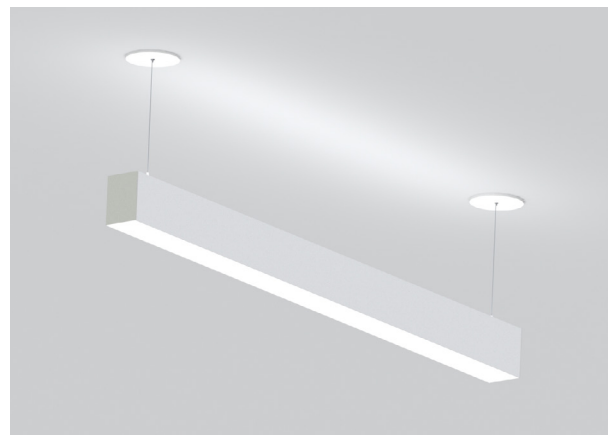
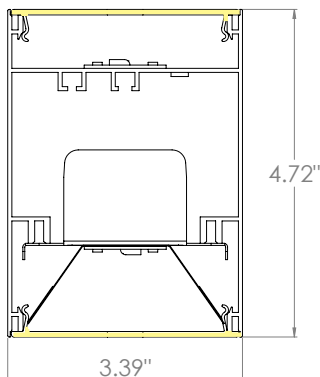
Pendant Mount Direct/Indirect 3" Linear LED Luminaire

Project Name: _____
Fixture Type: _____
Notes: _____

DESCRIPTION

The STUD™-DI is our sleek direct and indirect linear LED fixture. With the ability to connect one fixture to another to achieve seamless straight runs or corners, there's not much that can't be done with this fixture.

DIMENSIONS



LUMEN OUTPUT PERFORMANCE*

	50/50 (Lm)	40/60 (Lm)	60/40 (Lm)
LLW	498/498	398/596	596/398
SLW	736/736	588/882	882/588
HLW	896/896	716/1076	1076/716

*Estimated Values

ORDERING CODE

Example: **STUD-DI-8-SLW-5050-30K-WH-STD-90C-ST-EM-5RAW18**

Product	Length	Watts	Lumen Output Percentage	Color Temperature	Housing Finish	
STUD-DI						
STUD-DI	2 2 feet	SLW Standard- 7.5W/ft	5050 50% direct, 50% indirect	27K 2700	WH Matte White (Default)	
	4 4 feet	LLW Low- 5W/ft	4060 40% direct, 60% indirect	30K 3000K	XX Custom Power Coating	
	8 8 feet	HLW High- 9.38W/ft	6040 60% direct, 40% indirect	35K 3500K	(Consult factory for colors)	
	X Custom length (18 inch min.) inches	CLW Custom W/ft (Max. 9.38W/ft) W/ft		40K 4000K		
Optics (Direct)	Optics (Indirect)	CRI	Driver	Optional	IC Control (Optional)	Pendant

STD Standard lens DRP Drop lens ASM Asymmetric lens	STD Standard lens DRP Drop lens	80C 80CRI 90C 90CRI (Default) 95C 95CRI	ST Standard LES Lutron EcoSystem Driver LH Lutron* Hi-Lume CV Driver	EM Emergency Driver 6WH120 6ft control whips-120V 6WH277 6ft control whips-277V	DS Daylight sensor OS Occupancy sensor DOS Daylight & Occupancy sensor	5RAW36 Feed/Non Feed 5" White Round Canopy with 36 inches Aircraft Cable (default) 5RAB36 Feed/Non Feed 5" Black Round Canopy with 36 inches Aircraft Cable Custom- Enter part# from Table 1 below:
--	--	--	---	--	---	--

AIR CRAFT CABLE AND STEM MOUNTING OPTION (TABLE 1)

Type	Canopy	Hardware	Color	Length
F Feed Kit N Non-Feed Kit	5R 5" Round- Standard 5S 5" Square Note: other sizes available, consult factory for details	A Air Craft Cable- Standard S Stem Note: Stem option is not available for Power Suspension kits	W White- Standard B Black X Custom RAL#:	18 18 Inch 36 36 Inch - Standard 48 48 Inch 72 72 Inch XX Custom Length Standard Length: Air Craft Cable: 36" Stem: 18"

STUD™-DI

Pendant Mount Direct/Indirect 3" Linear LED Luminaire

SPECIFICATIONS

LED SYSTEM

- WATTS: 5 W/ft, 7.5 W/ft, 9.38 W/ft
- COLOR TEMPERATURE: 2700K, 3000K, 3500K, 4000K
- LUMENS OUTPUT: 3 lumens output options STANDARD, LOW, HIGH as well as custom lumens output are available
- CRI: Minimum 80 color rendering index with an option of 90 and 95 CRI
- COLOR consistency: 3-step binning LEDs

OPTICS

Frosted snap-in spotless lens.

ELECTRICAL

Standard driver is a 120V/277V Constant current fully dimmable driver using 0-10V (down to 1%), dimming source current 150 μ A

LES driver is a Hi-Lume EcoSystem with Soft-on, Fade-to-Black LED driver, dims down to 1% and fades smoothly between 0%-1%

LH Lutron driver is a Hi-lume EcoSystem LED Driver, dim down to 1% and fade smoothly between 0%-1% with Soft-on, Fade-to-Black Hi-lume 2-Wire LED Driver, dim down to 1%

- **QUICK CONNECTOR:** Push-in quick connectors allow fixtures to be joined together for a long run with only one input power wiring.
- **FEED:** Standard 18-gauge/5 conductor single circuit feed. Optional 6' 120V/277V flex conduit whips available.
- **EMERGENCY (Optional):** Remote emergency battery pack provides backup power for 90 minutes. Remote emergency test switch included.

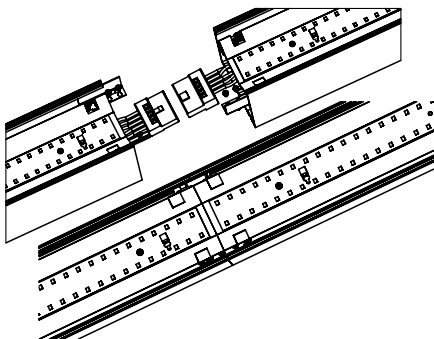
MOUNTING

PENDANT: White round canopy with an aircraft cable of 36 inches is provided by default with the additional choices of black or custom colors. Aircraft length can be 18, 36, 48, or 72 inches with the option for custom lengths.

- Mounting brackets are provided to be attached to the pendant kit; allowing for the pendant to be mounted directly into the ceiling. This design is versatile for any location and easily moved.

*Consult factory for connection with recessed version

SYSTEM RUN



CONSTRUCTION

DIMENSIONS: 3.39" W x 4.72" H

END CAPS: Die-formed steel end caps add 1/8" to each end of fixture.

REFLECTORS: Die-formed steel reflectors with high reflectance glossy white powder coat finish, 60 degree beam spread.

HOUSING: Anodized aluminum extrusion cut with high precision equipment with up to 98% reflectivity on the inside.

HOUSING FINISH: Powder coated white by default; with black available, and the option for custom colors. This provides the channel with a smooth finish and a defined color

FIXTURE LENGTH: Individual Run: Nominal length of 2ft (23.75"), 4ft(47.75"), 8ft (94.75") as well as custom length are available down to inch increment with 18" minimum length.

*System Run: A seamless connection system of continuous runs.

Runs of STUD3 that are longer than 8' in length are designated as System Run. 90-degree mitered corner are available for inside/outside and zig-zag corners.

LISTING/WARRANTY

- **WARRANTY:** 5 year limited warranty, ambient temperatures at fixture location should not exceed 40°C during normal operation.
- **APPROVALS:** UL/C-UL listed-E493134. This is also suitable for damp locations and is IC rated for recessed mount insulated ceiling
- **WEIGHT:** 1.55 lbs/ft
- **CRI** $\geq$ 80
- 50,000 hours lamp life at 70% lumen maintenance (L70)
- US & International Patents Pending



Quick-wire connection system allows STUD3 to be joined together with only one line power input to the continuous system runs. The STUD3 unit with line power input is connected to next unit with quick-wire connectors.

NOTE: Mount each system segment individually prior to joining them together