

DESCRIPTION

Create direct and indirect lighting in a space by installing these sophisticated color selectable architectural LED linear fixtures. The indirect light produced by this high-quality commercial fixture reduces eye strain and fatigue to establish a more comfortable environment. Rooms with enough indirect light avoid the cave effect that occurs when bulbs or fixtures direct light downward without reflecting enough light upward toward the ceiling.

FEATURES

- Efficiently replaces a 3 or 6 lamp fluorescent fixture
- Light output will vary depending on the color temperature selected, see Selectable Table for full breakdown
- Provides up to 9840 lumens of indirect lighting to reduce cave effect; see Direct/Indirect Lighting section for full breakdown
- Multiple fixtures can be linked end-to-end using the included linking bracket; see End-to-End Linking section for more information
- Comes with a 5-foot power cord and 2 5-foot aircraft cables
- Dimmable with 0-10V dimmers
- Color temperature is adjusted via dip switch on the driver; see installation instructions for more details

LISTINGS

- UL rated for damp locations

PERFORMANCE

- CRI: 80
- CCT: 3000K, 3500K, and 4000K
- LED L70 Life Hours: 60,000 hours

THERMAL

- -4°F to 104°F (-20°C to 40°C) operating temperature

ELECTRICAL

- THD: <20%
- Power Factor: >0.9
- Input Voltage: 120-277V
- Dimmable power supply (1-10V)
- Surge Protection: 1000V

INSTALLATION

- Designed for suspension with included 5-foot aircraft cables and canopies; see installation instructions for more details

CONSTRUCTION

- Aluminum housing with white finish
- PMMA lens protects LEDs while evenly distributing light

Project name	Type
Catalog number	
Comments	Voltage
Approved by	Date



WARRANTY

- 5-year limited warranty; see pltsolutions.com for warranty details

APPLICATIONS

- Open-plan Offices
- Upscale Hotel Lobbies
- Upscale Restaurants
- High-end Retail Stores

PERFORMANCE SUMMARY

Item #	Watts*	CCT*	CRI	Dimming	Voltage	Replaces	Finish	Length
PLT-90279	40	3000K/ 3500K/ 4000K	80	0-10V	120-277V	3 Lamp Fluorescent	White	4'
PLT-90280	80	3000K/ 3500K/ 4000K	80	0-10V	120-277V	6 Lamp Fluorescent	White	8'
PLT-90453	40	3000K/ 3500K/ 4000K	80	0-10V	120-277V	3 Lamp Fluorescent	Black	4'
PLT-90454	80	3000K/ 3500K/ 4000K	80	0-10V	120-277V	6 Lamp Fluorescent	Black	8'
PLT-90534	60	3000K/ 3500K/ 4000K	80	0-10V	120-277V	4 Lamp Fluorescent	White	6'
PLT-90535	60	3000K/ 3500K/ 4000K	80	0-10V	120-277V	4 Lamp Fluorescent	Black	6'

*See Selectable Table for full breakdown

SELECTABLE TABLE

SKU	Wattage	CCT	Lumen	Efficacy
PLT-90279	40	3000K	4800	120
		3500K	4828	121
		4000K	4920	123
PLT-90280	80	3000K	9600	120
		3500K	9680	121
		4000K	9840	123
PLT-90453	40	3000K	4484	112
		3500K	4687	117
		4000K	4668	117
PLT-90454	80	3000K	8968	112
		3500K	9375	117
		4000K	9336	117
PLT-90534	60	3000K	6840	114
		3500K	7560	126
		4000K	7200	120
PLT-90535	60	3000K	6840	114
		3500K	7560	126
		4000K	7200	120

DIRECT/INDRECT LIGHTING

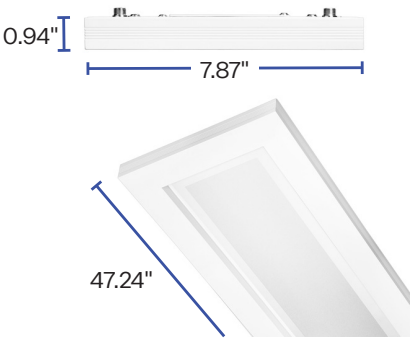
SKUs	Type of Lighting	Wattage	CCT	Lumen	Efficacy
PLT-90279 PLT-90280	Direct & Indirect Lighting Combined	40	3000K	4800	120
			3500K	4828	121
			4000K	4920	123
		80	3000K	9600	120
			3500K	9680	121
			4000K	9840	123
	Direct Lighting Only (55%)	40	3000K	2640	120
			3500K	2655	121
			4000K	2706	123
		80	3000K	5280	120
			3500K	5324	121
			4000K	5412	123
	Indirect Lighting Only (45%)	40	3000K	2160	120
			3500K	2172	121
			4000K	2214	123
		80	3000K	4320	120
			3500K	4356	121
			4000K	4428	123
PLT-90534	Direct & Indirect Lighting Combined	60	3000K	6840	114
			3500K	7560	126
			4000K	7200	120
	Direct Lighting Only (55%)		3000K	3762	63
			3500K	4158	69
			4000K	3960	66
	Indirect Lighting Only (45%)		3000K	3078	51
			3500K	3402	57
			4000K	3240	54
PLT-90535	Direct & Indirect Lighting Combined	60	3000K	6874	115
			3500K	7247	121
			4000K	7191	120
	Direct Lighting Only (55%)		3000K	3780	63
			3500K	3986	66
			4000K	3955	66
	Indirect Lighting Only (45%)		3000K	3093	52
			3500K	3261	54
			4000K	3236	54

END-TO-END LINKING

SKU	Number of Fixtures @ 120V	Number of Fixtures @ 277V
PLT-90279, PLT-90453	9	20
PLT-90280, PLT-90454	4	10
PLT-90534, PLT-90535	7	13

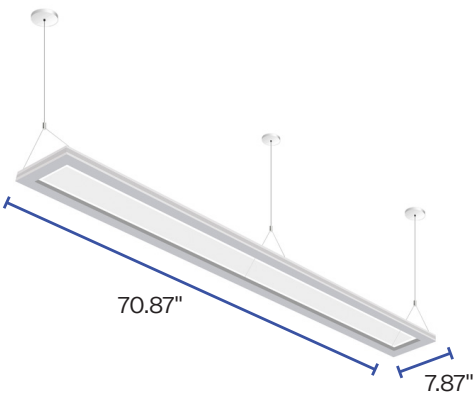
4' DIMENSIONS

Length: 47.24"
Height: 0.94"
Width: 7.87"
Weight: 11 lbs



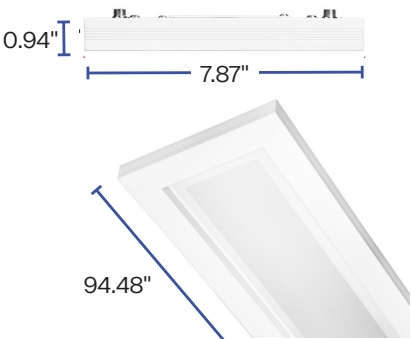
6' DIMENSIONS

Length: 70.87"
Height: 0.91"
Width: 7.87"
Weight: 8.82 lbs



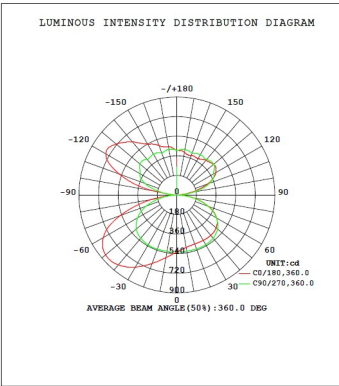
8' DIMENSIONS

Length: 94.48"
Height: 0.94"
Width: 7.87"
Weight: 18 lbs



PHOTOMETRICS

40W 3500K 120V



40W 3500K 347V

