



Color Selectable LED Under Cabinet Lights

DESCRIPTION

Replace existing fluorescent under cabinet lights with these more efficient direct wire LED under cabinet lights that can switch between 2700K, 3000K, 3500K, 4000K, and 5000K outputs.

FEATURES

- Has one on/off rocker switch and one CCT selection slider switch
- High color rendering index (CRI) of 90 makes color appear more accurate
- Hardwires directly into main power
- Dimmable; see Compatible Dimmers section for a full list of dimmers

LISTINGS

- UL listed for damp locations
- FCC Title 47 CFR, Part 15, Class B
- IP20
- RoHS

PERFORMANCE

- CRI: 90
- CCT: 2700K, 3000K, 3500K, 4000K, & 5000K
- LED L70 Life Hours: 50,000 hours (PLT-80098 only), 100,000 hours

ELECTRICAL

- THD: <20%
- Power Factor: >0.8
- Input Voltage: 120V
- Surge protection: 2.0kV

INSTALLATION

- Designed for surface mounting (hardware included); see installation instructions for more information.

CONSTRUCTION

- Steel construction with white finish
- Frosted polycarbonate lens helps diffuse light output and reduce glare

WARRANTY

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

Project name	Type
Catalog number	
Comments	Voltage
Approved by	Date



APPLICATIONS

- Under and Over Cabinets
- Task Lighting
- Office Lighting
- Display Cases
- Coves
- Utility and Work Areas

PERFORMANCE SUMMARY

Item #	Watts*	CCT*	CRI	Voltage	Lens	Dimmable	Finish	Length
PLTS-40086	14	2700K/ 3000K/ 3500K/ 4000K/ 5000K	90	120V	Polycarbonate	Yes	White	33"
PLTS-40087	18	2700K/ 3000K/ 3500K/ 4000K/ 5000K	90	120V	Polycarbonate	Yes	White	42"
PLT-80077	5	2700K/ 3000K/ 3500K/ 4000K/ 5000K	90	120V	Polycarbonate	Yes	White	12"
PLT-80078	9	2700K/ 3000K/ 3500K/ 4000K/ 5000K	90	120V	Polycarbonate	Yes	White	18"
PLT-80079	9	2700K/ 3000K/ 3500K/ 4000K/ 5000K	90	120V	Polycarbonate	Yes	White	21"
PLT-80080	9	2700K/ 3000K/ 3500K/ 4000K/ 5000K	90	120V	Polycarbonate	Yes	White	24"
PLT-80098	5	2700K/ 3000K/ 3500K/ 4000K/ 5000K	90	120V	Polycarbonate	Yes	White	9"
PLT-80099	18	2700K/ 3000K/ 3500K/ 4000K/ 5000K	90	120V	Polycarbonate	Yes	White	42"

* See Selectable Table for full breakdown

SELECTABLE TABLE

Item #	Wattage	CCT	Lumen	Efficacy
PLTS-40086	14	2700K	952	68
		3000K	966	69
		3500K	980	70
		4000K	994	71
		5000K	1,008	72
PLTS-40087 PLT-80099	18	2700K	1,224	68
		3000K	1,242	69
		3500K	1,260	70
		4000K	1,278	71
		5000K	1,296	72
PLT-80077 PLT-80098	5	2700K	340	68
		3000K	345	69
		3500K	350	70
		4000K	355	71
		5000K	360	72
PLT-80078 PLT-80079 PLT-80080	9	2700K	612	68
		3000K	621	69
		3500K	630	70
		4000K	639	71
		5000K	648	72

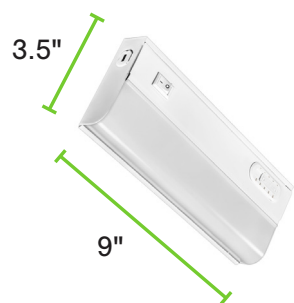
COMPATIBLE DIMMERS

SKU	Manufacturer	Model #
PLT-40086 PLT-40087 PLT-80077 PLT-80078 PLT-80079 PLT-80080	LUTRON	DVCL-153PL
	LUTRON	TGCL-153P
	LUTRON	PD-5NE-WH-C
	LUTRON	AYCL-253P-WH
	LUTRON	RRD-PRO-WH
	LUTRON	SELV-300P-WH-CSA
PLT-80098	LUTRON	LGCL-153PL
	LUTRON	DVCL-253P
	LUTRON	CTCL-153P
	LUTRON	SELV-300P
	LUTRON	DVRP-253
	LUTRON	AYCL-253-WH
	LUTRON	RRD-PRO
	LUTRON	NT-1000
	LEVITON	DSM10
	LEVITON	DSL06
	LEVITON	PD-5NE
	Eaton	SAL06P3
PLT-80099	LUTRON	DVCL-253P
	LUTRON	DVLV-600P
	LUTRON	CTCL-153P
	LUTRON	RRD-PRO
	LUTRON	SELV-300P
	LUTRON	DVRP-253
	LUTRON	AYCL-253P-WH
	LUTRON	MACL-153M
	LEVITON	DSM10
	LEVITON	IPL06
	LEVITON	PD-5NE
	LEVITON	PD-6WCL

DIMENSIONS

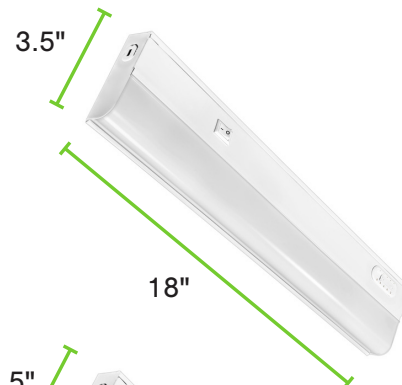
9" DIMENSIONS

Length: 9"
Height: 1.14"
Width: 3.5"
Weight: 0.79 lbs



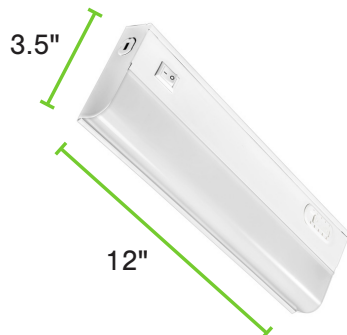
18" DIMENSIONS

Length: 18"
Height: 1.14"
Width: 3.5"
Weight: 1.28 lbs



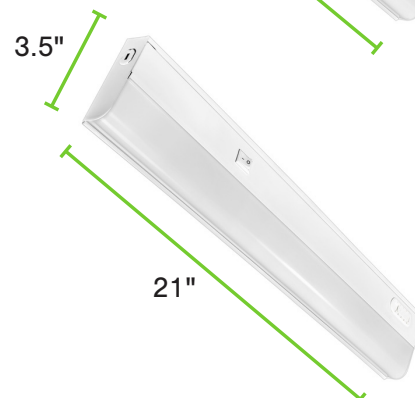
12" DIMENSIONS

Length: 12"
Height: 1.14"
Width: 3.5"
Weight: 1.01 lbs



21" DIMENSIONS

Length: 21"
Height: 1.14"
Width: 3.5"
Weight: 1.57 lbs



DIMENSIONS

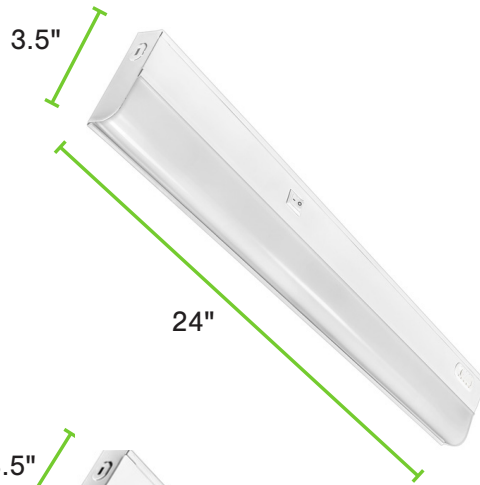
24" DIMENSIONS

Length: 24"

Height: 1.14"

Width: 3.5"

Weight: 1.70 lbs



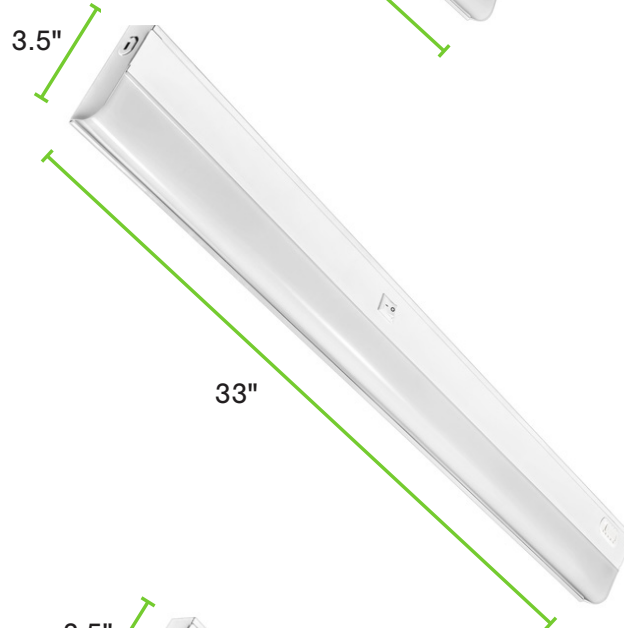
33" DIMENSIONS

Length: 33"

Height: 1.14"

Width: 3.5"

Weight: 2.43 lbs



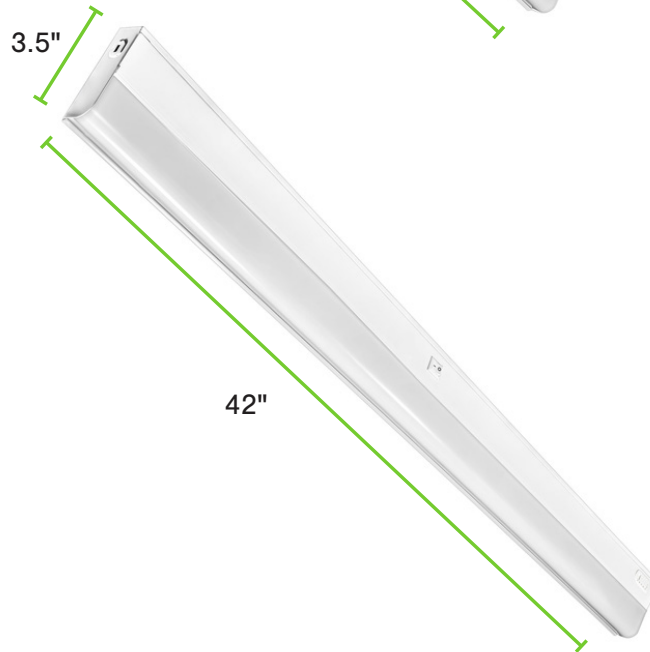
42" DIMENSIONS

Length: 42"

Height: 1.14"

Width: 3.5"

Weight: 3.09 lbs



WARNINGS

- Only use this LED under cabinet fixture with the dimmers listed in the compatibility list. Using this fixture with incompatible dimmers may cause performance issues including humming, buzzing, flickering, and poor dimming performance.