

LUC5 SERIES

MINI LED UNDER CABINET TASK LUMINAIRE



FEATURES

- Ultra-thin design LED task luminaire intended for under-cabinet installations.
- Sleek 1" profile.
- Provides excellent illumination for all work areas while staying hidden and out-of-sight beneath cabinets or shelves.
- A pleasing warm white light color enhances kitchen granite surfaces and intricate tile back splashes.
- Solid state LED performance provides high lumens at low energy consumption.
- Maintenance free, never needs a lamp replacement.
- Very durable "solid-feel" aluminum housing and tempered glass diffuser.
- Dimmable driver.
- Pre-installed on/off rocker switch.
- Three available lengths: 12", 18" and 24".

LED MODULES

- High performance linear configured LED module boards.
- Each board consists of multiple mid-power, high efficacy LEDs in a precise layout eliminating the need for supplemental heat sinking.
- The boards produce an even and diffuse light which maximizes optical efficiency.
- LEDs manufactured by LG or comparable brand.
- Rated 50,000 hours.
- Color temperature 3000K, warm white, comparable to halogen.

LED DRIVERS

- Manufactured by Keystone Technologies, a leading driver/ballast manufacturer with over 70 years in business.
- 120V/60HZ input.
- Powered with TRIAC Dimming LED driver down to 10%.
- 12W Max, constant current @380mA.
- UL1310 class 2 power supply.
- Suitable for damp locations.

LENGTHS/LED LUMEN PACKAGES:

- Cataloged standard lumen packages. See attached chart for full details.
- 12"/450 Lumens.
- 18"/675 Lumens.
- 24"/910 Lumens.

HOUSING

- Extruded aluminum for precision, durability and extended service.
- Maximizes heat transfer for superior LED performance.
- Die-cast matching end caps are held in place with nearly invisible miniature counter-sunk screws.
- Finished with a white polyester powder coating for maximum protection. Easy wipe-down cleaning.

DIFFUSER

- Frosted Polycarbonate Lens
- Smooth side down minimizes dirt or grease accumulation and easily cleans.

INSTALLATIONS

- All components for 120V-60HZ only.
- Direct hard-wire with included mini one-inch diameter BX connector. Knockouts are located along the back.
- Key-hole mounting slots along the top.

SWITCHING

- Pre-installed and wired on/off rocker switch.

CERTIFICATE OF SAFETY COMPLIANCE AND LISTINGS

- Luminaire: UL listed 1598 and bears their label. Suitable for damp locations.

WARRANTY

- 5-year limited warranty is standard.
- Complete LED warranty terms available at www.mercltg.com
- Actual performance may differ as a result of end-user environment and application.
- Ambient Operating temperature: -4°F to 77°F

PHOTOMETRICS

- All photometric reports are available at www.mercltg.com

Fixture type:	Job information:
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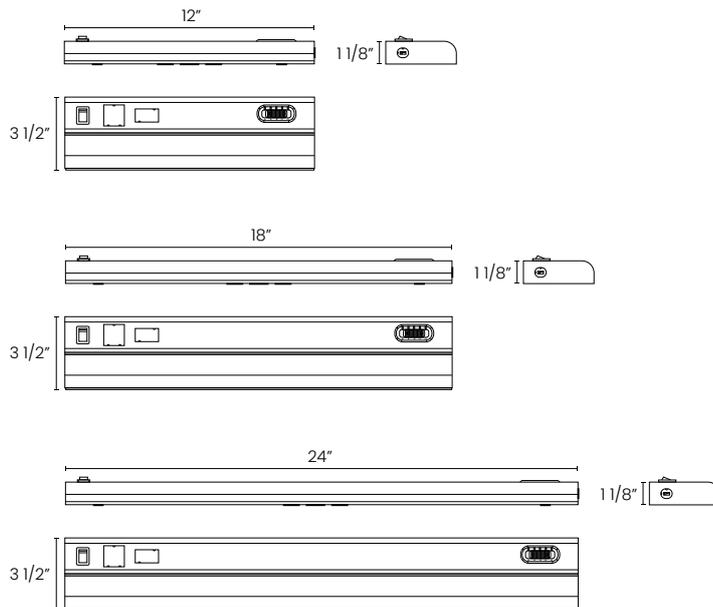
PRODUCT DEFINITION SHEET

Ex: LUC5-8-LED-24-120V



1	2	3	4	5
SERIES	NUMBER OF LED	LIGHT SOURCE/DRIVER	FIXTURE LENGTH	VOLTAGE
<input type="checkbox"/> LUC5 LED Mini Under Cabinet.	<input type="checkbox"/> 4 4 LED. 12" Length. <input type="checkbox"/> 6 6 LED. 18" Length. <input type="checkbox"/> 8 8 LED. 24" Length.	<input type="checkbox"/> LED 50,000 Hours, 1.6 Watts/LED, 3000K Color Temp. 120V Input, 12 Watt Max, Constant Current @ 380mA.	<input type="checkbox"/> 12 4 LED. 12" Length. <input type="checkbox"/> 18 6 LED. 18" Length. <input type="checkbox"/> 24 8 LED. 24" Length.	<input type="checkbox"/> 120V 120V-60HZ.

DIMENSIONAL DATA



PERFORMANCE

Model	Wattage	Total Lumens	Efficacy
LUC5-4-LED-12	8W	450	56 lm/W
LUC5-6-LED-18	11W	675	61 lm/W
LUC5-8-LED-24	13W	910	69 lm/W

INCLUDED ACCESSORIES



Mini one-inch BX connector



Detail