

05-UC SERIES

UNDERCABINET LIGHT SELECTABLE CCT

HOUSING

- Aluminum, white housing.

ELECTRICAL

- Operating temperature (ambient): -20°C to 45°C (-4°F to 113°F) .
- Universal 120V AC voltage (60Hz) is standard.
- 05-UC9-3L-5CCT = 4W
- 05-UC12-8L-5CCT = 8W
- 05-UC18-12L-5CCT = 12W
- 05-UC24-16L-5CCT = 16W
- 05-UC36-23L-5CCT = 24W
- Two or more lights can be linked.
- Maximum Load: Maximum limit of 2A per linking circuit. (see Page2 for run limitations)
- Triac dimming.
- Input transient surge protection = 1kV.
- Power factor > 0.90.
- Total Harmonic distortion < 20%.

OPTICAL SYSTEM

- Polycarbonate diffuser.
- Rotatable light bar swivel 65°.
- Field selectable 2700k(soft white), 3000k(warm white), 3500k(warm/neutral white), 4000k (neutral white) and 5000k (cool white) color temperatures*.
- Delivers a range of 300 to 2,300 nominal lumens*.
- Long-life LEDs provide 167,000 hours of operation with at least 70% of initial lumen output (L70), and 51,000 hours with at least 90% of initial lumen output (L90)**.
- LED color maintenance < 0.0059 chromaticity shift ($\Delta u'v'$) over the initial 6,000 hours of operation.
- Integrated PIR sensor is standard.
- Color rendering index > 90.

MOUNTING

- Surface mounting.

CODE COMPLIANCE

- cETLus listed for damp locations.
- Complies with FCC part 15, class B.
- Complies with Title 24.

WARRANTY

- 5-year warranty on all electronics and housing.

*Default color temperature 4000K.

**L70 hours are IES TM-21-11 calculated hours.



Model	Size (inches) & Weight (lbs)			
	L (in)	W (in)	H (in)	Weight
05-UC9-3L-5CCT	8.98	3.35	1.51	1.06
05-UC12-8L-5CCT	11.97	3.35	1.51	1.19
05-UC18-12L-5CCT	17.99	3.35	1.51	1.33
05-UC24-16L-5CCT	23.98	3.35	1.51	1.50
05-UC36-23L-5CCT	36.02	3.35	1.51	1.61



PRODUCT PARAMETERS

MODEL	NOMINAL LUMEN OUTPUT	KELVIN (SELECTABLE)	
05-UC9	3L = 300 lm	5CCT	2700/ 3000/ 3500/ 4000/ 5000K
05-UC12	8L = 800 lm		
05-UC18	12L = 1200 lm		
05-UC24	16L = 1600 lm		
05-UC36	23L = 2300 lm		



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ACCESSORIES (order separately)

Linking Connector

ZZ-CORDPLUG-UC-4C3P	=	120V, 4FT white cord with NEMA 5-15 Plug
ZZ-UC-CONNECT-2IN	=	2" Linking Connector Cable
ZZ-UC-CONNECT-2.5IN	=	2.5" Linking Connector Cable
ZZ-UC-CONNECT-3IN	=	3" Linking Connector Cable
ZZ-UC-CONNECT-24IN	=	24" Linking Connector Cable

COMPATIBLE DIMMERS & CONTROLS

Manufacturer	Model Number		
Lutron	TG-600PR-WH	CTCL-153PDH-WH	TGCL-153PH-LA
	SLV-600P-AL	DVCL-153P	MSCL-OP153M
	PD-6WCL	CT-103PR-WH	DVWCL-153PH
	RCL-153RNL	-	-
Leviton	6672	RNL06	-

MAXIMUM RUN

Series	Max. Quantity	Max. Size
05-UC9-3L-5CCT	120 Units	90-ft
05-UC12-8L-5CCT	60 Units	60-ft
05-UC18-12L-5CCT	40 Units	60-ft
05-UC24-16L-5CCT	30 Units	60-ft
05-UC36-23L-5CCT	20 Units	60-ft

NOTE: Maximum limit of 2A per linking circuit.

PROJECT
TYPE
CATALOG #



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LUMEN TABLES & ELECTRICAL DATA

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Series	Measurements		Lumens				
			2700K	3000K	3500K	4000K	5000K
05-UC9-3L-5CCT	Lumens		307	326	339	344	340
	Watts		4.02	4	3.95	3.98	4.01
	Efficacy		76.37	81.50	85.82	86.43	84.79
	Input Current (A)	120V	0.03	0.03	0.03	0.03	0.03

Series	Measurements		Lumens				
			2700K	3000K	3500K	4000K	5000K
05-UC12-8L-5CCT	Lumens		677	714	752	764	751
	Watts		7.96	7.86	7.71	7.84	7.98
	Efficacy		85.05	90.84	97.54	97.45	94.11
	Input Current (A)	120V	0.07	0.07	0.06	0.07	0.07

Series	Measurements		Lumens				
			2700K	3000K	3500K	4000K	5000K
05-UC18-12L-5CCT	Lumens		1,019	1,082	1,138	1,152	1,136
	Watts		11.95	11.77	11.49	11.68	11.94
	Efficacy		85.27	91.93	99.04	98.63	95.14
	Input Current (A)	120V	0.10	0.10	0.10	0.10	0.10

Series	Measurements		Lumens				
			2700K	3000K	3500K	4000K	5000K
05-UC24-16L-5CCT	Lumens		1,453	1,544	1,612	1,638	1,614
	Watts		15.94	15.63	15.31	15.53	15.9
	Efficacy		91.15	98.78	105.29	105.47	101.51
	Input Current (A)	120V	0.13	0.13	0.13	0.13	0.13

Series	Measurements		Lumens				
			2700K	3000K	3500K	4000K	5000K
05-UC36-23L-5CCT	Lumens		2,096	2,202	2,298	2,338	2,322
	Watts		23.65	22.98	22.54	22.92	23.64
	Efficacy		88.63	95.82	101.95	102.01	98.22
	Input Current (A)	120V	0.20	0.19	0.19	0.19	0.20

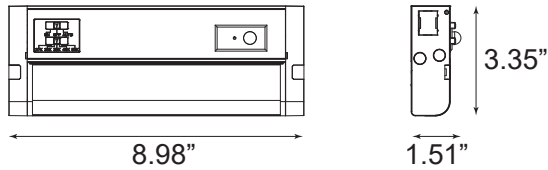
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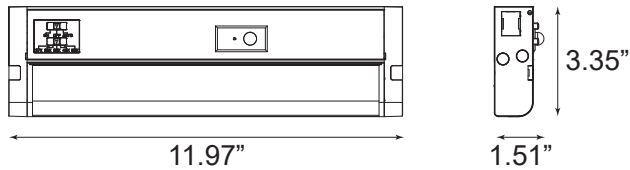
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DIMENSIONAL DRAWINGS

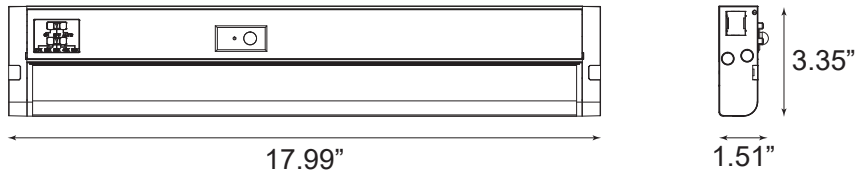
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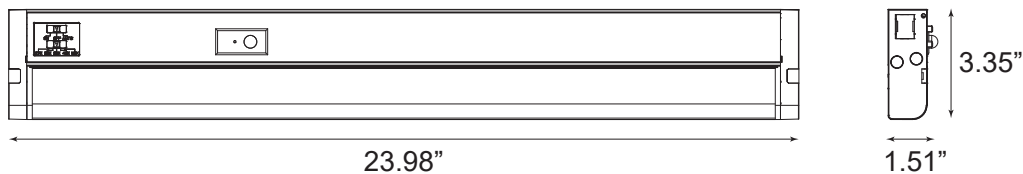
05-UC12-8L-5CCT



05-UC18-12L-5CCT



05-UC24-16L-5CCT



05-UC36-23L-5CCT

