

UC02

The UC02 series is an economical line of undercabinet fixtures for use in kitchens, retail displays and coves. It is triac dimmable. Standard with a painted steel housing and polycarbonate lens, the UC02 provides durability and high performance. High-efficacy, long-life LEDs provide both energy and maintenance cost savings compared to traditional, incandescent or fluorescent undercabinet fixtures.



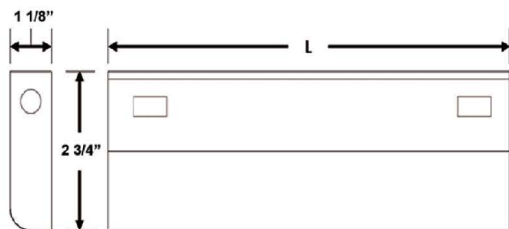
PRODUCT FEATURES

- 3CCT tunable (3K, 4K and 5K) selectable switch
- Long-life LEDs provide at least 50,000 hours of operation with at least 70% of initial lumen output (L70)
- Delivers from 320 to 1,660 lumens & 80 to 85 lumens per watt
- 120V (50-60Hz), triac dimmable
- Total harmonic distortion < 20%
- On-off switch
- On-off switch
- Color rendering index > 80
- 109 degree beam angle
- Painted steel housing and polycarbonate lens
- Tool-less access to LED channel and wiring enclosure
- Knockouts on sides and back simplify electrical connections
- Key hole slots provide for easy installation in new construction or retrofits

WARRANTY / LISTING

- ETL listed. Listed for damp locations. Suitable for ambient temperatures from -20°C to 40°C (-4°F to 104°F)
- Complies with RoHS (Restriction on Hazardous Substances) requirements
- Complies with FCC Part 15, class A
- 5-year warranty on all electronics and housing

DIMENSIONS



PRODUCT SPECIFICATIONS

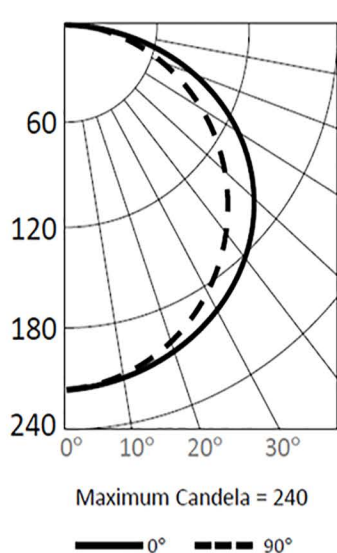
PART #	Color Temp	Lumens	Lumen/watt	Wattage	Length	Voltage
UC02-0904S-853C3-120D-S	3K,4K,5K	320	80	4	9"	120V
UC02-1205S-853C3-120D-S	3K,4K,5K	400	80	5	12"	120V
UC02-1808S-853C3-120D-S	3K,4K,5K	650	82	8	18"	120V
UC02-2410S-853C3-120D-S	3K,4K,5K	850	85	10	24"	120V
UC02-3315S-853C3-120D-S	3K,4K,5K	1,250	83	15	33"	120V
UC02-4220S-853C3-120D-S	3K,4K,5K	1,660	83	20	42"	120V

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Part No	UC02 9"	UC02 12"	UC02 18"	UC02 24"	UC02 33"	UC02 42"
Color temp	CCT 3,4,5K	CCT 3,4,5K	CCT 3,4,5K	CCT 3,4,5K	CCT 3,4,5K	CCT 3,4,5K
Lumens	320	400	650	850	1,250	1,660
Lumen/w	80	80	82	85	83	83
CRI	> 80 Ra	> 80 Ra	> 80 Ra	> 80 Ra	> 80 Ra	> 80 Ra
Input Voltage	120V	120V	120V	120V	120V	120V
Power Frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Power factor	> 0.90	> 0.90	> 0.90	> 0.90	> 0.90	> 0.90
Total Harmonic Distortion	< 20%	< 20%	< 20%	< 20%	< 20%	< 20%
Fixture Material	Painted Steel & polycarbonate lens	Painted Steel & polycarbonate lens	Painted Steel & polycarbonate lens	Painted Steel & polycarbonate lens	Painted Steel & polycarbonate lens	Painted Steel & polycarbonate lens
Life Span	>50,000 Hrs	>50,000 Hrs	>50,000 Hrs	>50,000 Hrs	>50,000 Hrs	>50,000 Hrs
Operating Temperature	-4°F to 104°F	-4°F to 104°F	-4°F to 104°F	-4°F to 104°F	-4°F to 104°F	-4°F to 104°F
TRIAC Dimmable	YES	YES	YES	YES	YES	YES

PHOTOMETRIC DATA

24" undercabinet : 850 Lumens



Candlepower Summary

	0°	90°
0°	216	216
10°	232	211
20°	239	198
30°	239	178
40°	231	152
50°	216	122
60°	195	88
70°	169	54
80°	140	20
90°	113	1

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 10°	24	2.8%
0° - 20°	95	11.0%
0° - 30°	203	23.4%
0° - 40°	334	38.7%
0° - 50°	475	54.9%
0° - 60°	609	70.4%
0° - 70°	724	83.6%
0° - 80°	809	93.5%
0° - 90°	865	100.0%
90° - 180°	0	0.0%
0° - 180°	865	100.0%

Cone of Light

