

# NUC-4

## LED Under Cabinet

Project \_\_\_\_\_

Date \_\_\_\_\_

Type \_\_\_\_\_

### Product Description

NICOR LED under cabinet lighting is an attractive upgrade that can quickly increase the value and functionality of your work space. The NUC4 presents a clean, professional look allowing you to use an existing wall switch or dimmer to easily control your lights. Offering uniform illumination, warm color and low operating temperatures, this under cabinet light can be used in residential, retail, and commercial applications. Whether in a kitchen, under a shelf or in a defined work space, these 1-inch low profile fixtures are perfect for task or accent lighting and illuminating products, apparel or collectibles. These linear fixtures are Energy Star rated, CEC Title 24 compliant and offer over 20 years of maintenance free operation.

#### Construction

- Extruded aluminum housing for durability and ample heatsinking
- Low 1-inch profile keeps the fixture unobtrusive and out of view
- No UV or forward-projected heat
- UL Listed for damp locations

#### Optical System

- Uniform lighting with specially designed glass diffuser to prevent pixelation and “hot spots” on counter tops

#### Electrical

- Greater than 92 CRI with R9 greater than 50
- Dimmable with most TRIAC dimmers
- Custom low-profile driver engineered for optimal dimming across all sizes
- Operating temperature rating of 0°F to 120°F (-18°C – 49°C)
- 120VAC Input
- L70 rated for greater than >36,000 hours
- TM-21 Projected L70(6k) life >100,000 hours
- LM-79, LM-80 testing performed in accordance with IESNA standards
- Meets FCC Part 15:2006 Class B requirements

#### Finish

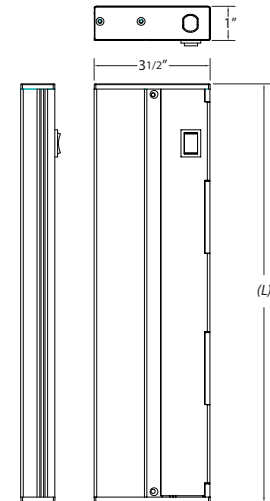
- Available in: Black, Nickel, White, and Oil-Rubbed Bronze

#### Installation

- Easy surface mount installation
- Pre-installed captive screws allow for quick mounting
- Positive latch door for easy access and installation
- Versatile knockout selection allows for multidirectional wiring

#### Warranty

- 5-year limited system warranty standard



### PRODUCT INFORMATION

**Color Temperature:** 2700 K

**LED Lifetime (Hrs):** >36,000

**Dimensions:** **Height:** 1" **Width:** 3 1/2" **Length:** Varies

Power Draw (W):	Length	Power(W)	Lumens:	Length	Lumens
Varies based on length and output selection	8"	3.85W	Varies based on length	8"	251
	12 1/2"	5.83W		12 1/2"	397
	21 1/2"	8.79W		21 1/2"	592
	30"	11.84W		30"	847
	40"	16.19W		40"	1136



### Ordering Information

Example: NUC-4-12-DM-W-NK

Series	Version	Length			Housing Color
NUC	4	08 (8 inches)	DM (Dimmable)	W (Wired)	BK (black)
		12 (12 1/2 inches)			NK (nickel)
		21 (21 1/2 inches)			OB (oil-rubbed bronze)
		30 (30 inches)			WH (white)
		40 (40 Inches)			

All reports based on current industry standards; field performance may differ from laboratory performance. Specifications and dimensions subject to change without notice.

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www.nicorlighting.com September 23, 2016 9:04 AM

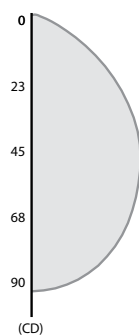


# Photometric Data

## NUC-4-08



Luminaire	2700K
Input Voltage (VAC)	120
System Level Power (W)	3.85
Delivered Lumens (Lm)	251
System Efficacy (Lm/W)	65.2
Correlated Color Temp (K)	2670
Color Rendering Index (CRI)	92



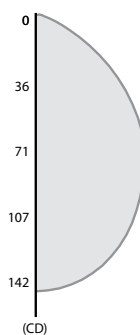
### Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	72	29%
0-40	115	46%
0-60	203	81%
0-90	251	100%
90-180	0	0.00%
0-180	251	100%

## NUC-4-12



Luminaire	2700K
Input Voltage (VAC)	120
System Level Power (W)	5.83
Delivered Lumens (Lm)	397
System Efficacy (Lm/W)	68.1
Correlated Color Temp (K)	2668
Color Rendering Index (CRI)	92



### Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	114	29%
0-40	182	46%
0-60	321	81%
0-90	397	100%
90-180	0	0.00%
0-180	397	100%

## NUC-4-21



Luminaire	2700K
Input Voltage (VAC)	120
System Level Power (W)	8.79
Delivered Lumens (Lm)	592
System Efficacy (Lm/W)	67.3
Correlated Color Temp (K)	2694
Color Rendering Index (CRI)	92



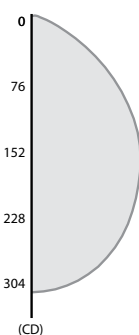
### Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	170	29%
0-40	271	46%
0-60	479	81%
0-90	592	100%
90-180	0	0.00%
0-180	592	100%

## NUC-4-30



Luminaire	2700K
Input Voltage (VAC)	120
System Level Power (W)	11.84
Delivered Lumens (Lm)	847
System Efficacy (Lm/W)	71.5
Correlated Color Temp (K)	2682
Color Rendering Index (CRI)	92



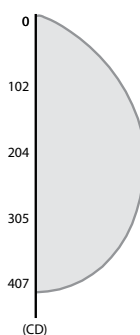
### Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	243	29%
0-40	388	46%
0-60	685	81%
0-90	847	100%
90-180	0	0.00%
0-180	847	100%

## NUC-4-40



Luminaire	2700K
Input Voltage (VAC)	120
System Level Power (W)	16.19
Delivered Lumens (Lm)	1136
System Efficacy (Lm/W)	70.2
Correlated Color Temp (K)	2680
Color Rendering Index (CRI)	92



### Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	326	29%
0-40	520	46%
0-60	919	81%
0-90	1136	100%
90-180	0	0.00%
0-180	1136	100%