NUC-4
LED Under Cabinet - High/Low/Off

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 NUC-4 High/Low/Off Series presents a clean, professional look allowing you to economically and easily control your light levels at 100%, 30% or in the off position. 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 CEC Title 24 compliant and offer over 20 years of maintenance free operation. Available in five lengths and in four decorative colors, the NUC-4 Series' cool operating temperature and warm natural color makes this energy efficient family a great choice for accent, office, cove, task and display lighting.

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 diffuser to prevent pixelation and "hot spots" on counter tops

Electrical
• Greater than 90 CRI with R9 greater than 50
• 218-1055 Lumens (varies by length)
• High/Low non-dimmable at 100% on high and 30% on low
• Operating temperature rating of 0°F to 120°F (-18°C – 49°C)
• 120V line voltage no transformer
• 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

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
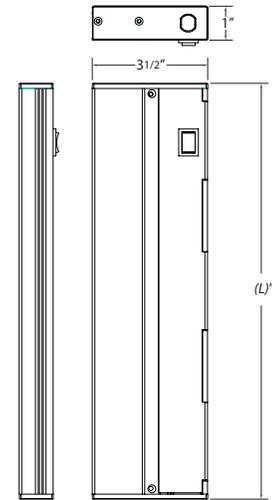
PRODUCT INFORMATION

Color Temperature: 2700K

LED Lifetime (Hrs): >100,000

Dimensions: **Height:**1" **Width:** 3 ½" **Length:** Varies

Power Draw (W):	Length	Power(W)	Lumens:	Length	Lumens
Varies based on length and output selection	8"	1.0W - 4.6W	Varies based on length	8"	63-218
	12 ½"	1.6W - 6.5W		12 ½"	96-331
	21 ½"	1.9W - 9.2W		21 ½"	157-543
	30"	2.8W - 12.4W		30"	233-804
	40"	3.4W - 16.4W		40"	306-1055

Ordering Information
Example: NUC-4-12-HL-W-NK

Series	Version	Length			Housing Color
NUC	**4**	**08** (8 inches)	**HL** (High/Low)	**W** (Wired)	**BK** (black)
		12 (12 ½ inches)			**NK** (nickel)
		21 (21 ½ 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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Photometric Data

NUC-4-08

Luminaire	2700K
Input Voltage (VAC)	120
System Level Power (W)	4.6
Delivered Lumens (Lm)	218
System Efficacy (Lm/W)	47.4
Correlated Color Temp (K)	2670
Color Rendering Index (CRI)	92
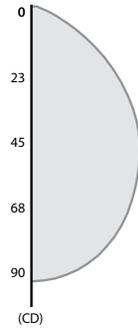
Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	63	29%
0-40	100	46%
0-60	177	81%
0-90	218	100%
90-180	0	0.00%
0-180	218	100%

NUC-4-12

Luminaire	2700K
Input Voltage (VAC)	120
System Level Power (W)	6.5
Delivered Lumens (Lm)	331
System Efficacy (Lm/W)	50.9
Correlated Color Temp (K)	2668
Color Rendering Index (CRI)	92
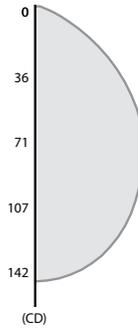
Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	96	29%
0-40	152	46%
0-60	268	81%
0-90	331	100%
90-180	0	0.00%
0-180	331	100%

NUC-4-21

Luminaire	2700K
Input Voltage (VAC)	120
System Level Power (W)	9.2
Delivered Lumens (Lm)	543
System Efficacy (Lm/W)	59
Correlated Color Temp (K)	2694
Color Rendering Index (CRI)	92
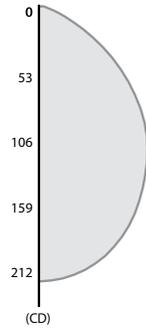
Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	157	29%
0-40	250	46%
0-60	440	81%
0-90	543	100%
90-180	0	0.00%
0-180	543	100%

NUC-4-30

Luminaire	2700K
Input Voltage (VAC)	120
System Level Power (W)	12.4
Delivered Lumens (Lm)	804
System Efficacy (Lm/W)	64.8
Correlated Color Temp (K)	2682
Color Rendering Index (CRI)	92

Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	233	29%
0-40	370	46%
0-60	651	81%
0-90	804	100%
90-180	0	0.00%
0-180	804	100%

NUC-4-40

Luminaire	2700K
Input Voltage (VAC)	120
System Level Power (W)	16.4
Delivered Lumens (Lm)	1055
System Efficacy (Lm/W)	64.3
Correlated Color Temp (K)	2680
Color Rendering Index (CRI)	92
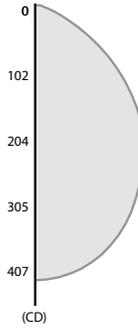
Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	306	29%
0-40	485	46%
0-60	855	81%
0-90	1055	100%
90-180	0	0.00%
0-180	1055	100%

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