

NLEDR-561
5" LED Retrofit Trim with Reflector

Source: LED 11.8 Watts

Type
Project
Catalog No.
Lamp/Wattage

PRODUCT DESCRIPTION

Nora Lighting's 5" recessed downlight fixture solution with integrated LED power supply and thermal management system combined in a single compact unit.

FEATURES

- 7 Year Limited Warranty
- Dimmable down to 5%
- 650 Lumens using only 11.8 watts
- 2700K, 3000K or 4000K at 86 CRI
- Retrofit fits most standard 5" recessed cans
- Energy Star Rated
- Exceeds California Title 24 high efficacy requirements (GU24 & Dedicated version)
- cULus Listed for Damp Location
- Long life LEDs up to 50,000 hours
- Save 75% compared to incandescent sources
- LED Retrofit includes Edison Base Socket adapter (GU24 socket adapter available)
- No harmful ultra violet light, infrared wavelengths, or light leak
- Also available in a baffled trim or with decorative glass
- Can be hard-wired
- Fiction blades hold trim tight to the ceiling

Trim

Self flanged aluminum spun reflector with deep set diffused lens for excellent visual comfort while providing high lumen output. Available in three color temperatures, 2700K, 3000K or 4000K, to accommodate different appearances.

Construction

Scientifically and specifiable "Unitized Thermal Management" (UTM) provides exceptional cool operation exceeding all industry standards.

Installation

Trim includes friction blades to mount trim securely to housing.

ELECTRICAL

Voltage: 120VAC, 100mA

Power Consumption: 11.8 Watts

Lumens: 650lm

Color Rendering Index: 86 CRI

Light Source: Cree LED

LED Driver: Built-in driver

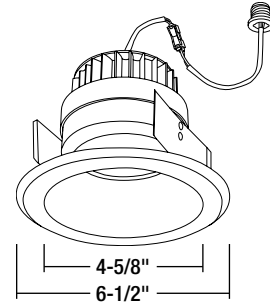
Operating Temperature: 0°C to 50°C ambient temperature (32°F to 122°F)

Life Expectancy: 50,000 hours

Dimming

Nora's 5" retrofit works with standard leading and trailing edge dimming technologies. Dimming with leading-edge dimmers are 5-100% and for trailing-edge dimmers 10-100%. Nora's 5" retrofit only requires 11.8 watts of power, it has much higher efficiency and efficacy than other standard lighting fixtures. There may be some cases that require more than one lighting fixture to be used to achieve the minimum dimmer load. This will greatly depend on the particular dimmer used.

DIMENSIONS



Aperture: 4-5/8"
 Diameter: 6-1/2"

Compatible Dimmers

Manufacturer	Part #	Type	Compatible with # of Units
Cooper	9530WS-K-L	600W STD	1 or more
Cooper	9534WS-K-L	600W STD	2 or more
Leviton	6633	600W STD	1 or more
Leviton	RPI06	600W STD	1 or more
Lutron	DVELV-300P	300W STD	1 or more
Lutron	DVLP-600P-WH	600W MLV	1 or more
Lutron	TGLV-600PR-WH	600W MLV	1 or more
Lutron	D-600	600W STD	1 or more
Lutron	DVCL-153P	600W STD	1 or more
Lutron	GLV-600-WH	600W STD	1 or more
Lutron	LX-600PL-WH	600W STD	1 or more
Lutron	MAELV-600	600W STD	1 or more
Lutron	S-600	600W STD	1 or more
Lutron	DVLP-10P-WH	1000W MLV	1 or more
Lutron	GL-1000-WH	1000W STD	1 or more
Lutron	LX-10PL-WH	1000W STD	1 or more
Lutron	MA-1000-WH	1000W STD	1 or more
Lutron	S10P	1000W STD	1 or more
Lutron	S-1000-WH	1000W STD	1 or more

ACCESSORIES

NRA-212: GU24 Socket Adapter

Labels and Listings

Title 24 Compliant (when used with GU24 adapter)
 UL Classified for use with most manufacturers IC and Non-IC housings
 cULus Listed for Damp Location
 WSEC ASTM E283 for Air-Tight (with IC housing)
 Energy Star Rated
 RoHS Compliant
 7 Year Limited Warranty
 Conforms to IESNA LM-79 and LM-80



Create a complete trim catalog number: **Example: NLEDR-56130BZBZ**

5" LED Retrofit Trim - select one from each column

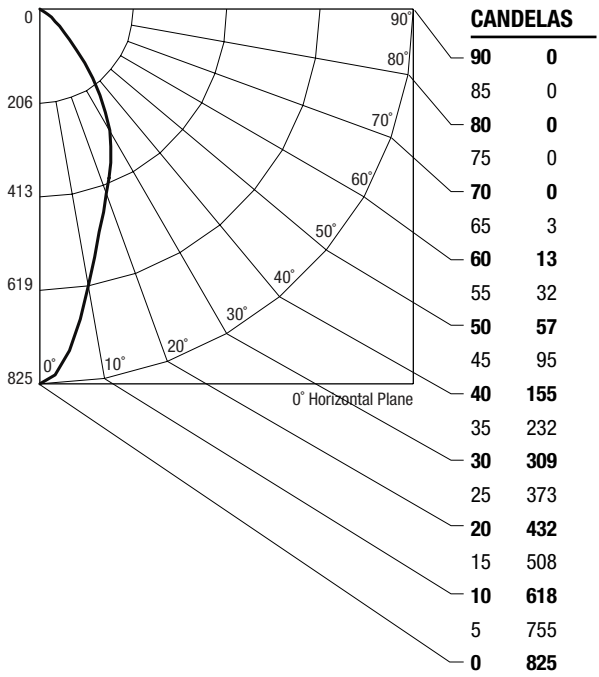
Catalog No.	CCT	Finish
NLEDR-561	27 = 2700K	BW = Specular Black Reflector, White Flange
	30 = 3000K	BZBZ = Bronze Reflector, Bronze Flange
	40 = 4000K	COCO = Copper Reflector, Copper Flange
		CW = Specular Clear Reflector, White Flange
		HZW = Haze Reflector, White Flange
		NN = Natural Metal Reflector, Natural Metal Flange
		WW = White Reflector, White Flange

Optional Accessories

Catalog No.
NRA-212 = GU24 Socket Adapter

Photometrics - NLED-56130CW

Lab: Lighting Sciences Inc. IESNA: LM-63-2002 Test No. 27893 Spacing Criteria: 0.62 Efficacy (Lumens Per Watt): 54.2 lm/W
 Lamp: LED Total Watts: 11.7 Lumens: 634 lm Color Rendering Index: 86.3 Correlated Color Temperature: 2867K



		COEFFICIENTS OF UTILIZATION*																							
		80				70				50				30				10				0			
RC	RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	
0	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100	100	100	100
1	1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93	93	93	93	93	93	93
2	2	107	102	97	94	105	100	96	93	97	93	91	94	91	89	91	89	87	85	85	85	85	85	85	85
3	3	101	94	89	84	99	92	88	84	90	86	82	87	84	81	85	82	80	78	78	78	78	78	78	78
4	4	95	87	81	76	93	86	80	76	84	79	75	82	77	74	80	76	73	72	72	72	72	72	72	72
5	5	90	81	74	70	88	80	74	70	78	73	69	76	72	68	75	71	68	66	66	66	66	66	66	66
6	6	85	75	69	64	83	74	68	64	73	67	63	71	67	63	70	66	63	61	61	61	61	61	61	61
7	7	81	70	64	59	79	70	63	59	68	63	59	67	62	58	66	61	58	57	57	57	57	57	57	57
8	8	76	66	59	55	75	65	59	55	64	59	55	63	58	54	62	58	54	53	53	53	53	53	53	53
9	9	72	62	56	51	71	61	55	51	60	55	51	59	54	51	59	54	51	49	49	49	49	49	49	49
10	10	69	58	52	48	68	58	52	48	57	52	48	56	51	48	56	51	47	46	46	46	46	46	46	46

* Effective Floor Cavity Reflectance = 20%

LUMINANCE VALUES		
Angle in Degrees	Average 0-Deg	Average 90-Deg
45	11461	11461
55	4700	4700
65	526	526
75	0	0
85	0	0

BEAM & CONE DATA		
Mounting Height	F.C. at Center	Maximum Spacing
4	51.6	2.5
5	33.0	3.1
6	22.9	3.7
8	12.9	5.0
10	8.3	6.2