

Marquise Series

NRM-5 Series

5" LED Recessed Downlight

Source: LED 10.6 Watts @ 850 Source Lumens = 663 Delivered Lumens
 LED 15.75 Watts @ 1250 Source Lumens = 1025 Delivered Lumens
 LED 26.24 Watts @ 2000 Source Lumen = 1882 Delivered Lumens

PRODUCT DESCRIPTION

Nora Lighting's 5" recessed downlight fixture solution with thermal management system combined in a single compact unit. Cree True White LED ceramic package and Unitized Thermal Management (UTM) system. Available in New construction and Remodel style. Outboard mounted driver allows for cooler operation and extends life.

FEATURES

- 5 Year Limited Warranty
- Cree platform
- 90+ CRI True White (Registered)
- Dimmable (850 & 1250 Triac; 2000 0-10V)
- 50,000 hour life
- Title 24 Compliant
- LED 10.6W @ 850 Source Lumens = 663 Delivered Lumens
- LED 15.75W @ 1250 Source Lumens = 1025 Delivered Lumens
- LED 26.24W @ 2000 Source Lumens = 1882 Delivered Lumens
- Available in 2700K, 3000K, 3500K, 4000K and Comfort Dim, 91CRI

Trim

Aluminum spun reflector with deep set diffused lens for excellent visual comfort while providing high lumen output. Available in 2700K, 3000K, 3500K, 4000K or Comfort Dim color temp.

Construction

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

Mounting

Trim includes friction blades to mount trim securely to housing.

ELECTRICAL

Voltage: 120/277VAC
 Current: 91mA
 Power Consumption: 850lm=10.6W / 1250lm=15.75W / 2000=26.24 W
 Light Source: Cree True White Ceramic LED package Platform
 CRI: 91 CRI
 LED Driver: CREE LMD125 for 120V / ERP for277V (non-dimmable)
 Operating Temperature: 0°C to 75°C ambient temperature
 Life Expectancy: 50,000 hours

Bodine Emergency Lighting Equipment: BSL17-C2/BSL17C-C2 (850/1250lm)

- Up to 7.0W max emergency illumination with LEDs.
- Illumination Time: 90min
- Dual Input Voltage: 120/277 VAC, 60Hz
- Output Voltage: 15.0-50.0 VDC
- AC Input Current: 45 mA
- Output Current: 470mA max
- Dimension: 12" x 2.4" x 1.5"

Bodine Emergency Lighting Equipment: BSL17C-C2P (2000/3000lm)

- Up to 7.0W max emergency illumination with LEDs.
- Illumination Time: 90min
- Dual Input Voltage: 120/277 VAC, 60Hz
- Output Voltage: 15.0-50.0 VDC
- AC Input Current: 280 mA
- Output Current: 270mA max
- Dimension: 12" x 2.4" x 1.5"

Compatible Housing

Catalog No.	Description	Driver	Voltage	Emergency
NHM-512	5" 1250lm New Const	(Blank)=Standard	LE1=120V	EM=Emergency
NHRM-512	5" 1250lm Remodel	C=Comfort Dim	LE2=277V	
NHM-520	5" 2000lm New Const			
NHRM-520	5" 2000lm Remodel			
NHMIC-585	5" 850lm IC New Const			
NHRMIC-585	5" 850lm IC Remodel			
NFBIC-5INCAT	5" ICAT Fire Box			
NFBIC-5L85AT	5" Marquise 850 Lumen IC Dedicated Fire Box			

NORALIGHTING.

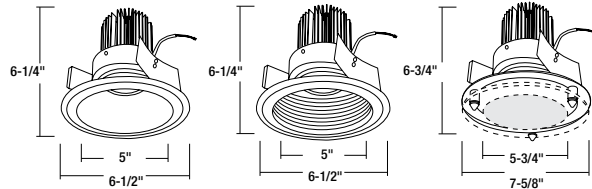
Type _____

Project _____

Catalog No. _____

Lamp/Wattage _____

DIMENSIONS



Dimming

Marquise Series Dimming: 850 and 1250 lumen units require triac style dimmers. 2000 Lumen require 0-10V dimming protocol. [Click Here](#) or refer to www.NoraLighting.com for complete updated dimmer list in the "Compatibility" page under the "Resource" tab.

Comfort Dim

Comfort Dim color tunes the temperature from a bright 2700K, to a romantic and comfortable 1800K on a gradual, even curve.

Comfort Dim is available in 3 different lumen levels:

- 850 and 1250 Lumens for lower ceiling heights in commercial and residential applications.
- 2000 Lumens for light commercial and residential high veiling applications. 2000 Lumen available in 6" marquise.

Labels and Listings

Title 24 Compliant
 cULus Listed for Wet Location
 WSEC ASTM E283 for Air-Tight
 5 Year Limited Warranty

5" LED with Reflector Trim

Catalog No.	Source	Lumen	Color Temp
NRM-511	L=LED	85=850	27=2700K
NRM-512		12=1250	30=3000K
NRM-518		20=2000	35=3500K
			40=4000K
			CD=Comfort Dim

*EM: BSL17-C2/BSL17C-C2 Emergency LED Drive Class 2 Output
 Compatible with CREE LMH Module.

Deco Glass Options

- NTG-5B/80: 5" Tempered Blue Glass with 3-1/8" Open Center
- NTG-5CF: 5" Tempered Clear Glass with Frosted Center
- NTG-5FC: 5" Tempered Frosted Glass with Clear Center
- NTG-5HC: 5" Tempered Clear Glass with Frosted Center and 3-1/8" Open Center

Finish

511/518 Reflector & Flange	512 Baffle & Flange Finishes
BW = Specular Black Reflector, White Flange	BW = Black Baffle / White Flange
BZ = Bronze Reflector, Bronze Flange	BZ = Bronze Baffle and Flange
CO = Copper Reflector, Copper Flange	CO = Copper Baffle and Flange
DW = Diffused Clear Reflector, White Flange	NN = Natural Metal Baffle and Flange
HZW = Haze Reflector, White Flange	WW = White Baffle and Flange
NN = Natural Metal Reflector & Flange	
WW = White Reflector, White Flange	

Create a complete trim / housing catalog numbers: Example: NRM-511L8527BZBZ / NHM-585LE1EM

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6505 Gayhart St., Commerce, CA 90040
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 Phone: 800.686.6672 • FAX: 800.500.9955 • e-mail: nora@noralighting.com

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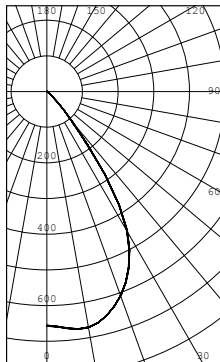
Photometrics: NRM-5

Input Watts: 10.53W	Lumens: 707.4L	CRI: 93.3	Efficacy: 67.2L/Watt	CCT: 3043K	PF: 0.972	SC: 1.0
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COEFFICIENTS OF UTILIZATION CONAL CAVITY METHOD
 EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

CC	90				80				70				50			30			10			0	
	WALL	70	50	30	10	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																							
0		1.22	1.22	1.22	1.22	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1		1.17	1.14	1.12	1.10	1.01	1.12	1.10	1.08	1.12	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	1.00	0.99	0.98	0.97	0.95
2		1.12	1.08	1.04	1.00	1.10	1.06	1.02	0.99	1.08	1.04	1.01	0.98	1.01	0.98	0.96	0.98	0.96	0.94	0.95	0.94	0.92	0.91
3		1.07	1.01	0.97	0.93	1.05	1.00	0.96	0.92	1.03	0.99	0.95	0.92	0.96	0.93	0.90	0.94	0.91	0.89	0.92	0.90	0.88	0.85
4		1.03	0.96	0.91	0.87	1.01	0.95	0.90	0.87	1.00	0.94	0.90	0.86	0.92	0.88	0.85	0.90	0.87	0.84	0.88	0.85	0.83	0.82
5		0.98	0.91	0.85	0.81	0.97	0.90	0.85	0.81	0.95	0.89	0.84	0.81	0.87	0.83	0.80	0.85	0.82	0.79	0.84	0.81	0.79	0.77
6		0.94	0.86	0.81	0.77	0.93	0.85	0.80	0.77	0.91	0.84	0.80	0.76	0.83	0.79	0.76	0.82	0.78	0.75	0.80	0.77	0.75	0.73
7		0.89	0.81	0.76	0.72	0.88	0.80	0.75	0.75	0.87	0.80	0.75	0.71	0.79	0.74	0.71	0.77	0.73	0.70	0.76	0.73	0.70	0.69
8		0.86	0.77	0.71	0.68	0.85	0.76	0.71	0.67	0.83	0.75	0.71	0.67	0.74	0.70	0.67	0.74	0.69	0.66	0.73	0.69	0.66	0.65
9		0.81	0.72	0.67	0.63	0.80	0.72	0.67	0.63	0.79	0.71	0.66	0.63	0.70	0.66	0.63	0.70	0.65	0.62	0.69	0.65	0.62	0.61
10		0.78	0.68	0.63	0.59	0.77	0.68	0.63	0.59	0.76	0.68	0.63	0.59	0.67	0.62	0.59	0.66	0.62	0.59	0.65	0.61	0.58	0.57

INTENSITY (CANDLEPOWER) SUMMARY



ANGLE	MEAN CP
0	657
5	666
10	671
15	650
20	607
25	544
30	449
35	284
40	114
45	44
50	13
55	4
60	1
65	0
70	0
75	0
80	0
85	0
90	0

ZONAL LUMENS & PERCENTAGES

ZONE	LUMENS	% LUMINAIRE
0-30	493	69.66
0-40	664	93.94
0-60	707	99.92
0-90	707	100.00
40-90	43	6.06
60-90	1	0.08
90-180	0	0.00
0-180	707	100.0

LUMINACE SUMMARY CD./SQ.M.

ANGLE	MEAN CD./SQ M
45	3422
55	341
65	64
75	0
85	0

