

# Marquise Series

## NRM-6

### 6" LED Recessed Adjustable Downlight

Source: LED 11 Watts @ 850 Source Lumens = 663 Delivered Lumens  
 LED 16 Watts @ 1250 Source Lumens = 1025 Delivered Lumens  
 LED 25 Watts @ 2000 Source Lumen = 1882 Delivered Lumens

#### PRODUCT DESCRIPTION

Nora Lighting's 6" 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 11W @ 850 Source Lumens = 663 Delivered Lumens
- LED 16W @ 1250 Source Lumens = 1025 Delivered Lumens
- LED 25W @ 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. to accommodate different appearances.

#### Construction

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

#### Mounting

Trim includes torsion springs to mount trim securely to housing.

#### ELECTRICAL

**Voltage:** 120VAC

**Current:** 91mA

**Power Consumption:** 850lm=11W / 250lm=16W / 2000lm=25W

**Light Source:** Cree True White Ceramic LED package Platform

**CRI:** 91 CRI

**LED Driver:** CREE LMD125 for 120V / ERP for 277V (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-612	6" 1250lm New Const	(Blank)=Standard	LE1=120V	EM=Emergency
NHRM-612	6" 1250lm Remodel	C=Comfort Dim	LE2=277V	
NHM-620	6" 2000lm New Const			
NHRM-620	6" 2000lm Remodel			
NHMIC-685	6" 850lm IC New Const			
NHRMIC-685	6" 850lm IC Remodel			
NHMICD-612	6" 1250lm IC Double Wall New			
NHRMICD-620	6" 2000lm IC Double Wall New			

# NORALIGHTING.

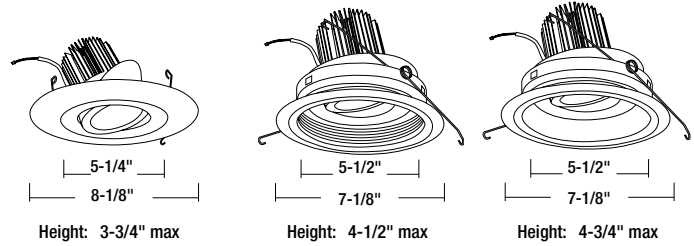
Type \_\_\_\_\_

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. See Dimmer Compatibility Chart under Resource section in the Nora | NSpec Lighting Website.

#### 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. (Sapphire and Marquise Series)
- 2000 Lumens for light commercial and residential high veiling applications. 2000 Lumen available on 6" Marquise.

#### Labels and Listings

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

#### 6" LED Adjustable Trim

Catalog No.	Source	Lumen	Color Temp
NRM-614	L=LED	85=850	27=2700K
NRM-617		12=1250	30=3000K
NRM-619		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.

#### Finish

614 Surface Adjustable	617 Regressed Baffle & Ring	619 Regressed Refl and Ring Finish
B = Black Adjustable	BW = Black Baffle / White Flange	BW = Specular Blk Refl / Wht Flange
BZ = Bronze Adjustable	BZ = Bronze Baffle and Flange	BZ = Bronze Reflector and Flange
C = Chrome Adjustable	CO = Copper Baffle and Flange	CO = Copper Reflector and Flange
CO = Copper Adjustable	NN = Natural Metal Baffle and Flange	CW = Specular Clear Refl. / White Flange
N = Natural Adjustable	WW = White Baffle and Flange	HZW = Haze Reflector / White Flange
W = White Adjustable		NN = Natural Metal Reflector and Flange
		WW = White Reflector and Flange

Create a complete trim / housing catalog numbers: Example: NRM-614L8527BZBZ / NHM-685LE1EM

# NORALIGHTING.

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**Marquise Series**

**6" LED Recessed Adjustable Downlight**

Source: LED 10.6 Watts @ 850 Source Lumens = 663 Delivered Lumens  
 LED 15.75 Watts @ 1250 Source Lumens = 1025 Delivered Lumens  
 LED 24.32 Watts @ 2000 Source Lumen = 1744 Delivered Lumens

Type \_\_\_\_\_

Project \_\_\_\_\_

Catalog No. \_\_\_\_\_

Lamp/Wattage \_\_\_\_\_

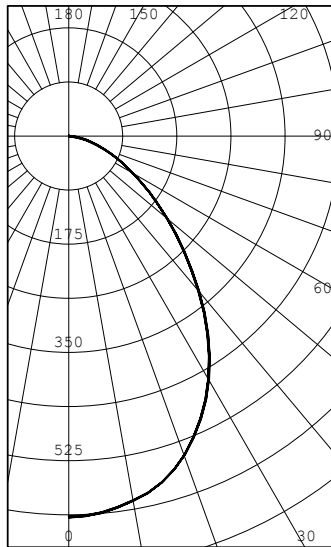
**NHM-612LE1 / NRM-611L1230DW**

<b>Voltage:</b> 120.1 VAC	<b>Power:</b> 15.88 W	<b>Frequency:</b> 60Hz	<b>Test Temp:</b> 24.5°C	<b>Current:</b> 0.1347 A	<b>PF:</b> 0.982	<b>SC:</b> 1.1
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COEFFICIENTS OF UTILIZATION CONAL CAVITY METHOD  
 EFFECTIVE FLOOR CAVITY REFLECTANCE = 0.20

CC WALL RCR	90				80				70				50			30			10			0
	70	50	30	10	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
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	1.14	1.10	1.06	1.03	1.11	1.08	1.04	1.01	1.09	1.06	1.03	1.00	1.01	0.99	0.97	0.97	0.96	0.94	0.94	0.92	0.91	0.89
2	1.06	1.00	0.94	0.89	1.04	0.98	0.92	0.88	1.02	0.96	0.91	0.87	0.92	0.88	0.85	0.89	0.86	0.83	0.86	0.84	0.81	0.79
3	0.99	0.90	0.83	0.77	0.97	0.88	0.82	0.77	0.94	0.87	0.81	0.76	0.84	0.79	0.75	0.82	0.77	0.74	0.79	0.76	0.72	0.71
4	0.92	0.82	0.74	0.69	0.90	0.81	0.74	0.68	0.88	0.79	0.73	0.68	0.77	0.71	0.67	0.75	0.70	0.66	0.73	0.69	0.65	0.63
5	0.86	0.75	0.67	0.61	0.84	0.74	0.66	0.60	0.82	0.72	0.65	0.60	0.70	0.64	0.60	0.69	0.63	0.59	0.67	0.62	0.58	0.57
6	0.80	0.68	0.60	0.55	0.78	0.67	0.59	0.54	0.76	0.66	0.59	0.54	0.64	0.58	0.53	0.63	0.57	0.53	0.61	0.56	0.52	0.51
7	0.74	0.62	0.54	0.49	0.73	0.61	0.53	0.48	0.71	0.60	0.53	0.48	0.59	0.52	0.48	0.57	0.51	0.47	0.56	0.51	0.47	0.45
8	0.69	0.57	0.49	0.44	0.68	0.56	0.49	0.43	0.67	0.55	0.48	0.43	0.54	0.48	0.43	0.53	0.47	0.43	0.52	0.46	0.42	0.41
9	0.65	0.52	0.44	0.39	0.63	0.51	0.44	0.39	0.62	0.51	0.44	0.39	0.50	0.43	0.39	0.49	0.43	0.38	0.48	0.42	0.38	0.37
10	0.60	0.48	0.40	0.35	0.59	0.47	0.40	0.35	0.58	0.47	0.40	0.35	0.46	0.39	0.35	0.45	0.39	0.35	0.44	0.39	0.35	0.33

**INTENSITY (CANDLEPOWER) SUMMARY**



ANGLE	MEAN CP
0	616
5	612
10	599
15	580
20	548
25	505
30	452
35	392
40	327
45	264
50	208
55	160
60	120
65	87
70	60
75	38
80	20
85	6
90	0

**ZONAL LUMENS & PERCENTAGES**

ZONE	LUMENS	% LUMINAIRE
0-30	453	38.36
0-40	696	59.00
0-60	1044	88.446
0-90	1180	100.00
40-90	484	41.00
60-90	136	11.54
90-180	0	0.00
0-180	1180	100.00

**LUMINACE SUMMARY CD./SQ.M.**

ANGLE	MEAN CD/SQ M
45	26821
55	20048
65	14862
75	10570
85	5071