

NRM3-61 / NRM3-62 / NRM3-68

6" Marquise III Downlight Trims

Source: 11W to 26W

900lm to 2500lm

Type
Project
Catalog No.
Notes

PRODUCT DESCRIPTION

6" Marquise III downlights includes Signify® Fortimo COB LED technology for better optic control with three specified beam spreads. Beam spreads focus the light down to the work plane from high ceiling applications.

FEATURES

- Signify® Fortimo COB LED technology
- Specifiable beam spreads
- 2700K, 3000K, 3500K and 4000K @ 90+ CRI

CONSTRUCTION

Trim: Aluminum spun reflector or baffle with deep set lens for excellent visual comfort while providing high lumen output. Trims include torsion springs to mount securely to housings.

ELECTRICAL	L1	L2	L3	L4
Delivered Lumens	900lm	1500lm	2000lm	2500lm
Wattage	11W max.	16W max.	22W max.	26W max.
Color Temperature	2700K, 3000K, 3500K or 4000K			
Color Rendering Index	90+ CRI			
Beam Spread	Spot, Narrow Flood or Flood			
Compatible Frame-In	NHMIC3-6L1 NHMICD3-6L1 NHRMIC3-6L1	NHMIC3-6L2 NHMICD3-6L2 NHRMIC3-6L2	NHM3-6L3 NHMICD3-6L3 NHRM3-6L3	NHM3-6L4 NHMICD3-6L4 NHRM3-6L4
Lifetime	50,000 hours @ L70			

Decorative Glass: NRM3-68 is compatible with up to two decorative glass options (ordered separately). Each glass includes mounting hardware (NRA-203).

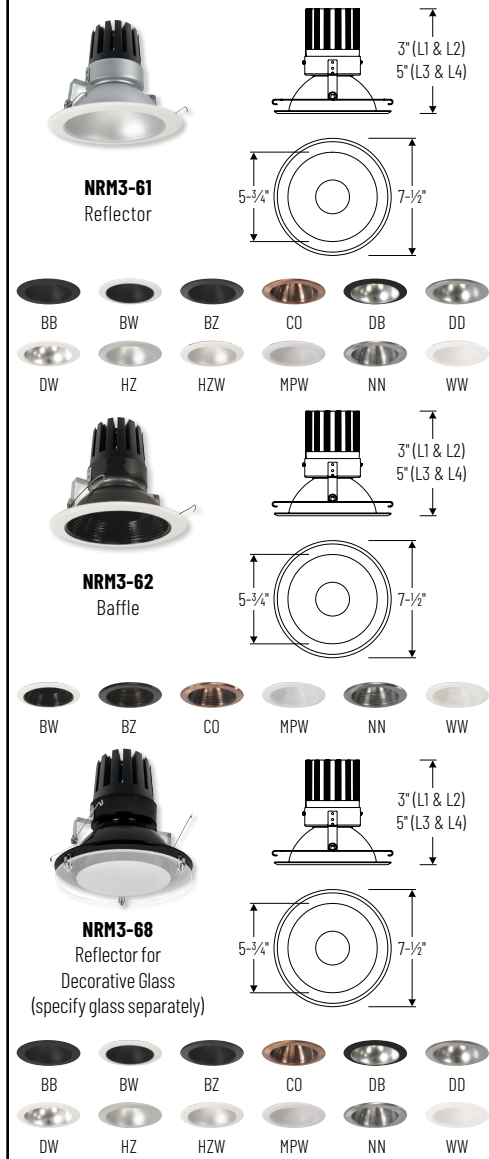
- NTG-6CF** 6" Tempered Clear Glass with Frosted Center
- NTG-6FC** 6" Tempered Frosted Glass with Clear Center
- NTG-6HC** 6" Tempered Clear Glass with Frosted Center and 3-1/8" Open Center

LABELS AND LISTINGS

- cULus Listed for Wet Location when used with compatible housing
- [5-Year Limited Warranty](#)
- ASTM E283 for Air-Tight
- FCC compliant



PRODUCT IMAGES AND DIMENSIONS



6" Marquise III Trims - Dedicated Marquise III Housing Required

Trim Type	Lumens / Wattage	CCT	Beam Spread	Finish (see chart below)								
NRM3-61 = Reflector	L1 = 900lm / 11W	27 = 2700K	S = Spot	BB = Black / Black Flange								
NRM3-62 = Baffle	L2 = 1500lm / 16W	30 = 3000K	N = Narrow Flood	BW = Black / White Flange								
NRM3-68 = Reflector for Deco Glass (Ordered Separately)	L3 = 2000lm / 22W L4 = 2500lm / 26W	35 = 3500K 40 = 4000K	F = Flood	BZ = Bronze / Bronze Flange CO = Copper / Copper Flange DB = Diffused Clear / Black Flange DD = Diffused Clear / Diffused Flange DW = Diffused Clear / White Flange								
Available Finishes												
	BB	BW	BZ	CO	DB	DD	DW	HZ	HZW	MPW	NN	WW
61	•	•	•	•	•	•	•	•	•	•	•	•
62	•	•	•	•	•	•	•	•	•	•	•	•
68	•	•	•	•	•	•	•	•	•	•	•	•

6" Decorative Glass - Requires NRM3-68

Glass Type		
NTG-6CF = Tempered Clear Glass with Frosted Center		
NTG-6FC = Tempered Frosted Glass with Clear Center		
NTG-6HC = Tempered Clear Glass w/Frosted Center & 3-1/8" Open Center		
		
NTG-6CF	NTG-6FC	NTG-6HC

Example: NRM3-61L430SWW = 6" Marquise III Reflector, 3500lm / 38W, 3000K, Spot Beam Spread, White Reflector / White Flange

PHOTOMETRICS

6" Marquise III Downlight Trims

2500 lumens

Type

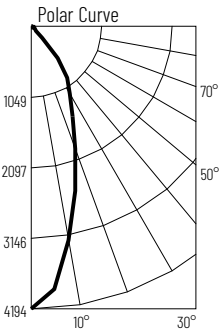
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Test Information

Test Number: NTR2402R1
Part Number: NRM3-61L440SMPW
Beam Spread: 37° Spot
Lumens: 2690lm
Wattage: 23.24W
Efficacy: 116lpw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0°-180): 0.6
Spacing Criteria (90°-270): 0.6



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
8'	65.5fc	5'-5"
12'	29.1fc	8'-1"
16'	16.4fc	10'-10"
20'	10.5fc	13'-5"
24'	7.3fc	16'-1"

Zonal Lumen Summary

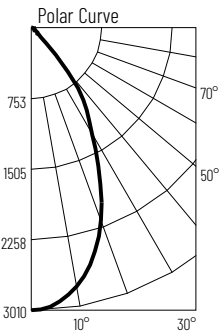
Zone	Lumens	% Luminaire
0-30	1752	65.1
0-40	2321	86.3
0-60	2605	96.8
0-90	2690	100
90-180	0	0
0-180	2690	100

Candela Table

Vertical Angles	Candela
0	4194
5	3913
15	2524
25	1471
35	927
45	231

Test Information

Test Number: NTR2403R1
Part Number: NRM3-61L440NMPW
Beam Spread: 55° Narrow Flood
Lumens: 2700lm
Wattage: 23.23W
Efficacy: 116lpw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0°-180): 0.86
Spacing Criteria (90°-270): 0.86



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
8'	47fc	8'-4"
12'	20.9fc	12'-6"
16'	11.8fc	16'-8"
20'	7.5fc	20'-11"
24'	5.2fc	25'

Zonal Lumen Summary

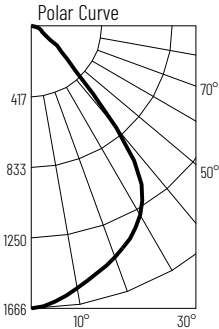
Zone	Lumens	% Luminaire
0-30	1770	65.6
0-40	2382	88.2
0-60	2622	97.1
0-90	2700	100
90-180	0	0
0-180	2700	100

Candela Table

Vertical Angles	Candela
0	3010
5	2957
15	2539
25	1732
35	1008
45	186

Test Information

Test Number: NTR2404R1
Part Number: NRM3-61L440FMPW
Beam Spread: 78° Flood
Lumens: 2478lm
Wattage: 23.2W
Efficacy: 107lpw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0°-180): 1.16
Spacing Criteria (90°-270): 1.16



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
8'	26fc	13'-2"
12'	11.6fc	19'-8"
16'	6.5fc	26'-4"
20'	4.2fc	32'-11"
24'	2.9fc	39'-6"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1215	49.1
0-40	1900	76.7
0-60	2352	94.9
0-90	2478	100
90-180	0	0
0-180	2478	100

Candela Table

Vertical Angles	Candela
0	1666
5	1634
15	1510
25	1382
35	1139
45	371

Lumen Output Multipliers

Lumen Package: L1 (0.41), L2 (0.53), L3 (0.86), L4 (1.00)
Color Temperature: 2700K (0.5), 3000K (0.91), 3500K (0.97), 4000K (1.00)