

NRM2-511 / NRM2-512 / NRM2-518

5" Marquise II Reflectors

Source: 15W to 30W LED
900lm to 2500lm

PRODUCT DESCRIPTION

Marquise II COB Series enhances an established series of downlighting with the latest COB technology by Cree®. The COB allows for better optic control offering three beam spreads. Beam spreads focus the light down to the work plane from high ceiling applications.

FEATURES

- 5-year Limited Warranty
- Cree® COB LED Technology
- Spot, narrow or flood beam spreads
- 900lm, 1500lm or 2500lm LED packages
- 2700K, 3000K, 3500K and 4000K @ 90+CRI
- Can be used to comply with JA8-2019 Title 24 High Efficacy LED light source requirements

CONSTRUCTION

Trim: Aluminum spun reflector with deep set diffused lens for excellent visual comfort while providing high lumen output.

Mounting: Trim includes friction blades to mount trim securely to housing.

ELECTRICAL

Lumens / Wattage:

L09 = 900lm / 15W

L15 = 1500lm / 18W

L25 = 2500lm / 30W

Color Temperature: 2700K, 3000K, 3500K, 4000K

Color Rendering Index: 90+CRI

Beam Spread:

S = 37° Spot

M = 60° Narrow Flood

F = 85° Flood

Operating Temperature: Determined by housing

Lifetime: 60,000 hours @ L70

COMPATIBLE HOUSINGS

Reflectors are compatible with respective Marquise II series housings manufactured by Nora Lighting.

CATALOG NO.	DESCRIPTION
NHM2-515	5" Non-IC New Construction (1500lm)
NHM2-525	5" Non-IC New Construction (2500lm)
NHRM2-515	5" Non-IC Remodel (1500lm)
NHRM2-525	5" Non-IC Remodel (2500lm)
NHMC2-509	5" IC New Construction (900lm)
NHRMC2-509	5" IC Remodel (900lm)

DECO GLASS OPTIONS

NRM2-518 is compatible with up to two decorative glass options, sold separately. Each glass includes mounting hardware (NRA-203).

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-5HF	5" 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
- ENERGY STAR® certified
- Certified to the high efficacy requirements of California Title 24 JA8-2019
- 5-Year Limited Warranty
- ASTM E283 for Air-Tight



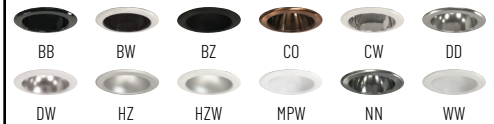
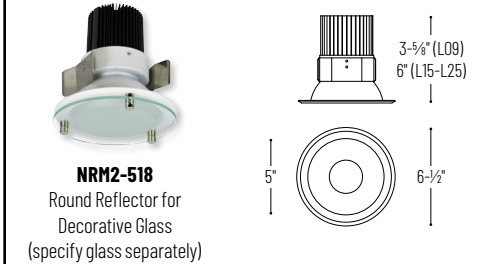
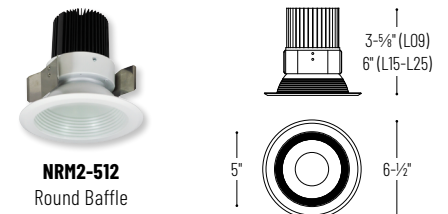
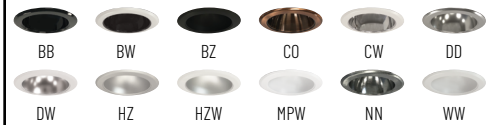
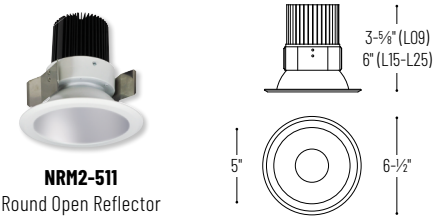
Type

Project

Catalog No.

Notes

PRODUCT IMAGES AND DIMENSIONS



5" Marquise II Reflectors - Dedicated Housing Required

Reflector Type	Lumens / Wattage	Color Temp.	Beam Spread	Finish (see chart below)
NRM2-511 = Round Open Reflector	L09 = 900lm / 15W	27 = 2700K	S = Spot	BB = Black / Black Flange
NRM2-512 = Round Baffle	L15 = 1500lm / 18W	30 = 3000K	M = Narrow Flood	BW = Black / White Flange
NRM2-518 = Round Deco Glass*	L25 = 2500lm / 30W	35 = 3500K	F = Flood	BZ = Bronze / Bronze Flange
		40 = 4000K		CO = Copper / Copper Flange
				CW = Specular Clear / White Flange
				DD = Diffused Clear / Diffused Flange
				DW = Diffused Clear / White Flange
				HZ = Haze / Haze Flange
				HZW = Haze / White Flange
				MPW = Matte Powder White
				NN = Natural Metal / Natural Metal Flange
				WW = White / White Flange

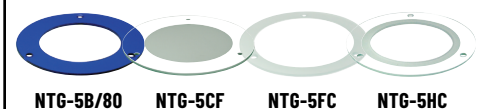
* Glass ordered separately

Available Finishes

	BB	BW	BZ	CO	CW	DD	DW	HZ	HZW	MPW	NN	WW
511	*	*	*	*	*	*	*	*	*	*	*	*
512	*	*	*	*	*	*	*	*	*	*	*	*
518	*	*	*	*	*	*	*	*	*	*	*	*

5" Decorative Glass - Requires NRM2-518

Glass Type
NTG-5B/80 = Tempered Blue Glass with 3-1/8" Open Center
NTG-5CF = Tempered Clear Glass with Frosted Center
NTG-5FC = Tempered Frosted Glass with Clear Center
NTG-5HF = Tempered Clear Glass w/Frosted Center & 3-1/8" Open Center



Example: NRM2-511L2530SWW = 5" Marquise II Round Open Reflector, 2500lm / 30W LED, 3000K, Spot Beam Spread, White Reflector / White Flange

NRM2-514 / NRM2-517 / NRM2-519

5" Marquise II Adjustable Reflectors

Source: 15W to 30W LED
900lm to 2500lm

Type

Project

Catalog No.

Notes

PRODUCT DESCRIPTION

Marquise II COB Series enhances an established series of downlighting with the latest COB technology by Cree®. The COB allows for better optic control offering three beam spreads. Beam spreads focus the light down to the work plane from high ceiling applications.

FEATURES

- 5-year Limited Warranty
- Cree® COB LED Technology
- Spot, narrow or flood beam spreads
- 900lm, 1500lm or 2500lm LED packages
- 2700K, 3000K, 3500K and 4000K @ 90+CRI
- Can be used to comply with JA8-2019 Title 24 High Efficacy LED light source requirements

CONSTRUCTION

Trim: Aluminum spun reflector with deep set diffused lens for excellent visual comfort while providing high lumen output.

Mounting: Trim includes torsion springs to mount trim securely to housing.

ELECTRICAL

Lumens / Wattage:

L09 = 900lm / 15W

L15 = 1500lm / 18W

L25 = 2500lm / 30W

Color Temperature: 2700K, 3000K, 3500K, 4000K

Color Rendering Index: 90+CRI

Beam Spread:

S = 37° Spot

M = 60° Narrow Flood

F = 85° Flood

Operating Temperature: Determined by housing

Lifetime: 60,000 hours @ L70

COMPATIBLE HOUSINGS

Reflectors are compatible with respective Marquise II series housings manufactured by Nora Lighting.

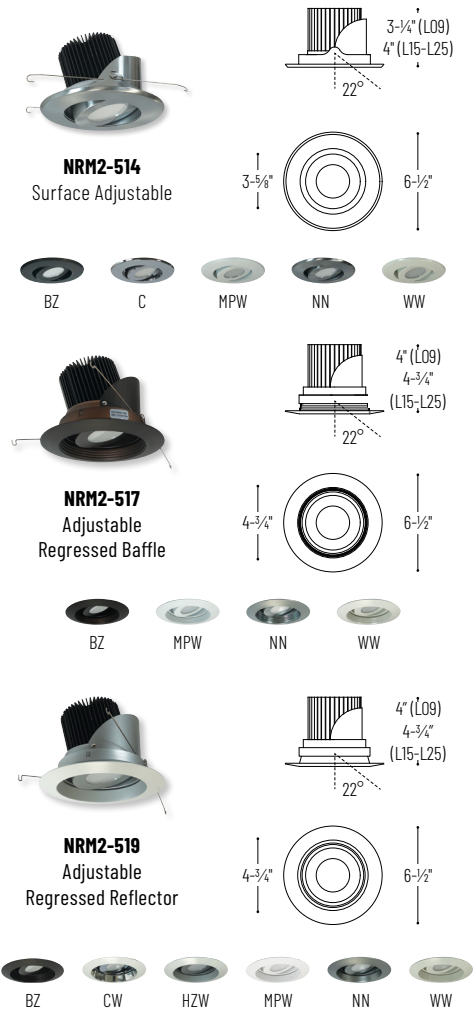
CATALOG NO.	DESCRIPTION
NHM2-515	5" Non-IC New Construction (1500lm)
NHM2-525	5" Non-IC New Construction (2500lm)
NHRM2-515	5" Non-IC Remodel (1500lm)
NHMIC2-509	5" IC New Construction (900lm)
NHRMIC2-509	5" IC Remodel (900lm)

LABELS AND LISTINGS

- cULus Listed for Damp Location when used with compatible housing
- ENERGY STAR® certified
- Certified to the high efficacy requirements of California Title 24 JA8-2019
- [5-Year Limited Warranty](#)
- WSEC ASTM E283 for Air-Tight



PRODUCT IMAGES AND DIMENSIONS



5" Marquise II Adjustable Reflectors - Dedicated Housing Required

Reflector Type	Lumens / Wattage	Color Temp.	Beam Spread	Finish (see chart below)
NRM2-514 = Surface Adjustable	L09 = 900lm / 15W	27 = 2700K	S = Spot	BZ = Bronze / Bronze Flange
NRM2-517 = Regress Baffle Adj.	L15 = 1500lm / 18W	30 = 3000K	M = Narrow Flood	C = Chrome
NRM2-519 = Regress Reflector Adj.	L25 = 2500lm / 30W	35 = 3500K	F = Flood	CW = Diffused Clear / White Flange
		40 = 4000K		HZW = Haze / White Flange
				MPW = Matte Powder White
				NN = Natural Metal / Natural Metal Flange
				WW = White / White Flange

Available Finishes

	BZ	C	CW	HZW	MPW	NN	WW
514	*	*			*	*	*
517	*				*	*	*
519	*		*	*	*	*	*

Example: NRM2-514L1530SBZ = 5" Marquise II Surface Adjustable, 1500lm / 18W LED, 3000K, Spot Beam Spread, Bronze Finish

NHM2-515 / NHM2-525 /NHMIC2-509

5" Marquise II Air-Tight New Construction Housing

Source: 15W to 30W LED
900lm to 2500lm

Type

Project

Catalog No.

Notes

PRODUCT DESCRIPTION

Dedicated new construction housing for installation in Non-IC or insulated ceilings, must specify. Air-tight construction provides energy savings by reducing the flow of air through the ceiling.

CONSTRUCTION

Plaster Frame: 0.040 steel frame with integral bar hanger brackets. Brackets can accommodate longer 27" accessory flat bar hangers. Brackets run along all sides of frame to allow bar hangers to be run parallel or perpendicular to junction box.

Housing: 0.040 aluminum one-piece can. Housing adjusts for ceiling thickness from 1/2" to 1-1/4".

Air Flow Restriction: Housing has factory installed gaskets to restrict airflow from room into ceiling plenum to <2CFM (cubic feet per minute) in accordance with ASTM-283 Air-Tight requirements.

Bar Hangers: Two 13-3/4" to 24-1/2" adjustable bar hangers with captive nails are included on frame. Bar hangers are parallel to junction box, but can be repositioned 90° perpendicular to junction box if desired. "L" Shaped bar hanger foot to align to bottom of construction joist. A T-Bar notch allow for easy installation in a suspended ceiling.

Junction Box: Prewired 25 cubic inch 0.064" thick galvanized steel, with seven 1/2" knockouts, four Romex® pryouts, and snap on covers. All leads are #18AWG wire, the ground wire is connected to the bottom, and quick connectors are supplied on all leads. Through branch circuit wiring, (4-in, 4-out).

CLEARANCE

Non-IC: Non-Insulated housings require a minimum clearance of 3" from thermal insulation and 1/2" from adjacent building components.

IC: Insulated ceiling housings are direct contact rated; no minimum clearance is required.

ELECTRICAL

Input Voltage: 120V or 120-277V

Lumens / Wattage:

NHMIC2-509 = 900lm / 15W

NHM2-515 = 1500lm / 18W

NHM2-525 = 2500lm / 30W

Operating Temperature:

NHMIC2-509 = 0°C to 30°C

NHM2-515 = 0°C to 45°C

NHM2-525 = 0°C to 40°C

Dimming: Triac, ELV or 0-10V

[Click Here](#) or check complete dimmer list at www.NoraLighting.com in the "Compatibility" page under "Resources" tab

COMPATIBLE REFLECTORS

CATALOG NO.	DESCRIPTION
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NRM2-511	5" Round Open Reflector
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NRM2-512	5" Round Baffle
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NRM2-518	5" Round Deco Glass
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NRM2-514	5" Round Surface Adjustable (900lm or 1500lm only)
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NRM2-517	5" Round Regress Baffle Adjustable (900lm or 1500lm only)
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NRM2-519	5" Round Regress Reflector Adjustable (900lm or 1500lm only)
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Emergency LED Driver (NEPK-07LEDUNV)

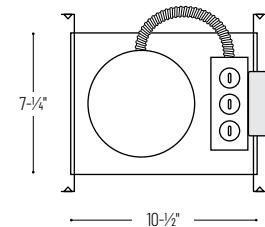
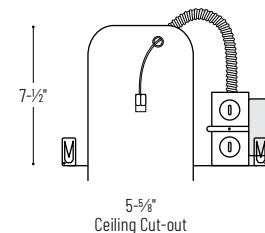
- Up to 7.5W emergency illumination with LEDs.
- Illumination Time: 90min
- Voltage: 120/277 VAC, 60Hz
- Output Voltage: 15.0-50.0 VDC
- Available with remote test switch, must specify

LABELS AND LISTINGS

- cULus Listed for Damp Location w/ Feed Through (Wet Location when used with compatible reflector)
- [5-Year Limited Warranty](#)
- Meets or exceeds ASTM-283 Air-Tight Requirements
- Emergency LED Driver meets Title 20 CEC efficiency standards



PRODUCT IMAGES AND DIMENSIONS



5" Marquise II Air-Tight New Construction Housing - Compatible with Marquise II Reflectors

Installation Type / Lumens / Wattage	Driver / Dimming	Optional Emergency
NHMIC2-509 = IC / 900lm / 15W	LE3 = 120V Input; Triac/ELV/0-10V dimming	EM = Emergency Pack w/ Remote Test Switch
NHM2-515 = Non-IC / 1500lm / 18W	LE6 = 120-277V Input; 0-10V dimming	
NHM2-525 = Non-IC / 2500lm / 30W		

Example: **NHMIC2-509LE6** = 5" Marquise II IC Air-Tight New Construction Housing, 900lm / 15W LED, 120-277V Input

NHRM2-515 / NHRM2-525 / NHRMIC2-509

5" Marquise II Air-Tight Remodel Housing

Source: 15W to 30W LED
900lm to 2500lm

Type

Project

Catalog No.

Notes

PRODUCT DESCRIPTION

Dedicated remodel housing for use in Non-IC or insulated ceilings, must specify. Air-tight construction provides energy savings by reducing the flow of air through the ceiling.

CONSTRUCTION

Housing: 0.040 aluminum housing adjusts to a maximum ceiling thickness of $\frac{5}{8}$ " (16mm). Housing terminates at a $\frac{1}{4}$ " ceiling flange for even positioning of housing angle within the ceiling. Structural arm consists of 0.050 steel and connects to housing with j-box and ballast. Integral springs brackets provided.

Air Flow Restriction: Housing has factory installed gaskets to restrict airflow from room into ceiling plenum to <2CFM (cubic feet per minute) in accordance with ASTM-283 Air-Tight requirements.

Mounting: Four high tension tempered steel springs secure remodel housing to $\frac{5}{8}$ " thick (max) ceiling (Hole cutout template provided for convenience).

Junction Box: Prewired 25 cubic inch 0.064" thick galvanized steel, with five $\frac{1}{2}$ ", two $\frac{3}{4}$ " knockouts, four Romex® pryouts, and snap on covers. All leads are #18AWG wire, the ground wire is connected to the bottom, and quick connectors are supplied on all leads. Through branch circuit wiring, (4-in, 4-out).

CLEARANCE

Non-IC: Non-Insulated housings require a minimum clearance of 3" from thermal insulation and $\frac{1}{2}$ " from adjacent building components.

IC: Insulated ceiling housings are direct contact rated; no minimum clearance is required.

ELECTRICAL

Input Voltage: 120V or 120-277V

Lumens / Wattage:

Lumens / Wattage:

NHRMIC2-509 = 900lm / 15W

NHRM2-515 = 1500lm / 18W

NHRM2-525 = 2500lm / 30W

Operating Temperature:

NHRMIC2-509 = 0°C to 30°C

NHRM2-515 = 0°C to 45°C

NHRM2-525 = 0°C to 40°C

Dimming: Triac, ELV or 0-10V

[Click Here](#) or check complete dimmer list at www.NoraLighting.com in the "Compatibility" page under "Resources" tab

COMPATIBLE REFLECTORS

CATALOG NO. DESCRIPTION

NRM2-511	5" Round Open Reflector
NRM2-512	5" Round Baffle
NRM2-518	5" Round Deco Glass
NRM2-514	5" Round Surface Adjustable (900lm or 1500lm only)
NRM2-517	5" Round Regress Baffle Adjustable (900lm or 1500lm only)
NRM2-519	5" Round Regress Reflector Adjustable (900lm or 1500lm only)

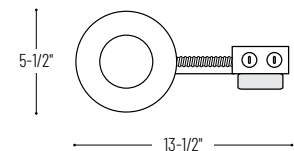
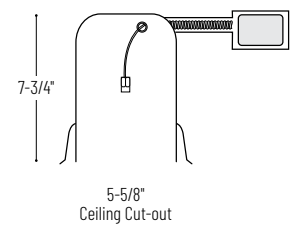
Emergency: Housing can be specified with connections for emergency battery installation. Requires top access. Must specify battery with remote test switch separately, NEPK-07LEDUNV.

LABELS AND LISTINGS

- cULus Listed for Damp Location w/ Feed Through (Wet Location when used with compatible reflector)
- [5-Year Limited Warranty](#)
- Meets or exceeds ASTM-283 Air-Tight Requirements
- Emergency LED Driver meets Title 20 CEC efficiency standards



PRODUCT IMAGES AND DIMENSIONS



5" Marquise II Air-Tight Remodel Housing - Compatible with Marquise II Reflectors

Installation Type / Lumens / Wattage	Driver / Dimming
NHRMIC2-509 = IC / 900lm / 15W	LE3 = 120V Input; Triac/ELV/0-10V dimming
NHRM2-515 = Non-IC / 1500lm / 18W	LE3 = 120V Input; Triac/ELV/0-10V dimming
NHRM2-525 = Non-IC / 2500lm / 30W	LE6 = 120-277V Input; 0-10V dimming

Optional Accessories

Description
NEPK-07LEDUNV = Remote Emergency Battery w/Test Switch

Example: NHRMIC2-509LE3 = 5" Marquise II IC Air-Tight Remodel Housing, 900lm / 15W LED, 120V Input

PHOTOMETRICS

5" Marquise II Series

900 lumens

Type

Project

Catalog No.

Notes

Test Information

Test Number: NTR11311

Part Number: NRM2-511L0940SWW

Beam Spread: 35° Spot

Lumens: 1152lm

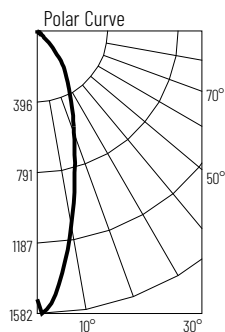
Wattage: 14.67W

Efficacy: 79lpw

CCT / CRI: 4000K / 90 CRI

Spacing Criteria (0°-180): 0.56

Spacing Criteria (90°-270): 0.56



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	98.9fc	2'-6"
6'	44fc	3'-10"
8'	24.7fc	5'
10'	15.8fc	6'-4"
12'	11fc	7'-7"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	646	56.1
0-40	901	78.2
0-60	1093	94.9
0-90	1145	99.4
90-180	7	0.6
0-180	1152	100

Candela Table

Vertical Angles	Candela
0	1582
5	1439
15	889
25	585
35	412
45	169

Test Information

Test Number: NTR11310

Part Number: NRM2-511L0940MWW

Beam Spread: 61° Narrow Flood

Lumens: 1143lm

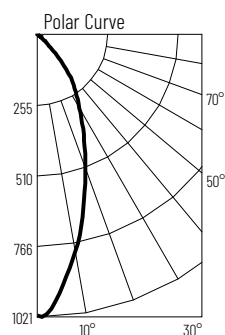
Wattage: 14.76W

Efficacy: 77lpw

CCT / CRI: 4000K / 90 CRI

Spacing Criteria (0°-180): 0.88

Spacing Criteria (90°-270): 0.88



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	63.5fc	4'-10"
6'	28.2fc	7'-2"
8'	15.9fc	9'-6"
10'	10.2fc	11'-11"
12'	7.1fc	14'-4"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	614	53.7
0-40	882	77.1
0-60	1085	95
0-90	1136	99.4
90-180	7	0.6
0-180	1143	100

Candela Table

Vertical Angles	Candela
0	1016
5	993
15	845
25	626
35	435
45	179

Test Information

Test Number: NTR11309

Part Number: NRM2-511L0940FWW

Beam Spread: 86° Flood

Lumens: 972lm

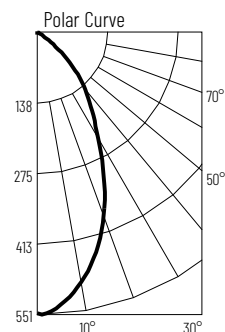
Wattage: 15.06W

Efficacy: 65lpw

CCT / CRI: 4000K / 90 CRI

Spacing Criteria (0°-180): 1.12

Spacing Criteria (90°-270): 1.14



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	34.3fc	7'-5"
6'	15.2fc	11'-1"
8'	8.6fc	14'-11"
10'	5.5fc	18'-7"
12'	3.8fc	22'-4"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	398	41
0-40	626	64.4
0-60	899	92.5
0-90	966	99.4
90-180	6	0.6
0-180	972	100

Candela Table

Vertical Angles	Candela
0	548
5	544
15	507
25	444
35	366
45	243

Lumen Output Multipliers

Color Temperature: 2700K (0.84), 3000K (0.93), 3500K (0.95), 4000K (1.00)

PHOTOMETRICS

5" Marquise II Series

1500 lumens

Type

Project

Catalog No.

Notes

Test Information

Test Number: NTR11314

Part Number: NRM2-511L1540SWW

Beam Spread: 39° Spot

Lumens: 1570lm

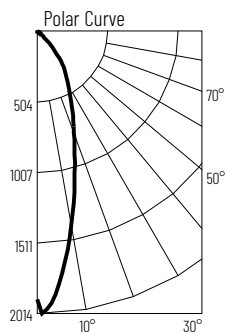
Wattage: 16.66W

Efficacy: 94lpw

CCT / CRI: 4000K / 90 CRI

Spacing Criteria (0°-180): 0.62

Spacing Criteria (90°-270): 0.6



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	55.7fc	4'-4"
9'	24.8fc	6'-5"
12'	13.9fc	8'-7"
15'	8.9fc	10'-8"
18'	6.2fc	12'-10"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	886	56.4
0-40	1229	78.3
0-60	1490	94.9
0-90	1560	99.3
90-180	10	0.7
0-180	1570	100

Candela Table

Vertical Angles	Candela
0	2007
5	1889
15	1242
25	805
35	555
45	231

Test Information

Test Number: NTR11313

Part Number: NRM2-511L1540MWW

Beam Spread: 60° Narrow Flood

Lumens: 1567lm

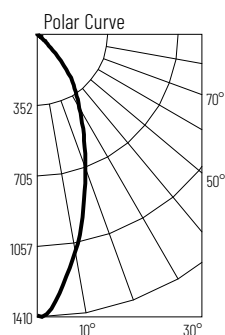
Wattage: 16.77W

Efficacy: 93lpw

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
6'	39.1fc	7'
9'	17.4fc	10'-5"
12'	9.8fc	13'-11"
15'	6.3fc	17'-5"
18'	4.3fc	20'-11"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	841	53.7
0-40	1202	76.7
0-60	1485	94.8
0-90	1557	99.3
90-180	10	0.7
0-180	1567	100

Candela Table

Vertical Angles	Candela
0	1407
5	1377
15	1168
25	850
35	585
45	251

Test Information

Test Number: NTR11312

Part Number: NRM2-511L1540FWW

Beam Spread: 85° Flood

Lumens: 1296lm

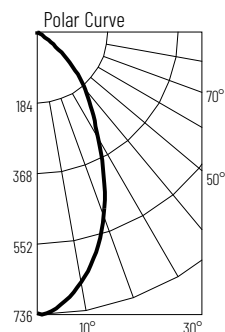
Wattage: 16.8W

Efficacy: 77lpw

CCT / CRI: 4000K / 90 CRI

Spacing Criteria (0°-180): 1.14

Spacing Criteria (90°-270): 1.14



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	20.3fc	11'-1"
9'	9fc	16'-8"
12'	5.1fc	22'-2"
15'	3.3fc	27'-10"
18'	2.3fc	33'-4"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	534	41.2
0-40	838	64.7
0-60	1200	92.6
0-90	1288	99.3
90-180	9	0.7
0-180	1296	100

Candela Table

Vertical Angles	Candela
0	732
5	729
15	680
25	594
35	490
45	321

Lumen Output Multipliers

Color Temperature: 2700K (0.84), 3000K (0.93), 3500K (0.95), 4000K (1.00)

PHOTOMETRICS

5" Marquise II Series

2500 lumens

Type

Project

Catalog No.

Notes

Test Information

Test Number: NTR11019

Part Number: NRM2-511L2540SWW

Beam Spread: 37° Spot

Lumens: 2500lm

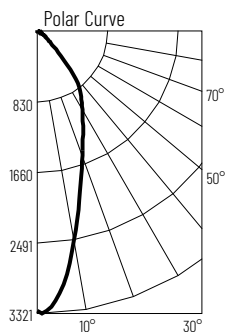
Wattage: 29W

Efficacy: 85lpw

CCT / CRI: 4000K / 90 CRI

Spacing Criteria (0°-180): 0.58

Spacing Criteria (90°-270): 0.58



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	206fc	2'-8"
9'	91.3fc	4'-1"
12'	51.4fc	5'-5"
15'	32.9fc	6'-10"
18'	22.8fc	8'-2"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1407	56.3
0-40	1956	78.3
0-60	2368	94.8
0-90	2480	99.2
90-180	20	0.8
0-180	2500	100

Candela Table

Vertical Angles	Candela
0	3288
5	3072
15	1953
25	1279
35	890
45	360

Test Information

Test Number: NTR11017

Part Number: NRM2-511L2540MWW

Beam Spread: 60° Narrow Flood

Lumens: 2500lm

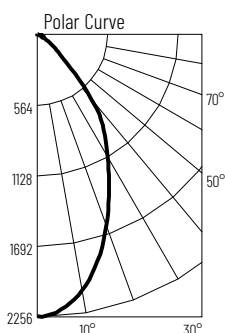
Wattage: 29.4W

Efficacy: 85lpw

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
6'	141fc	4'-7"
9'	62.5fc	6'-11"
12'	35.1fc	9'-2"
15'	22.5fc	11'-6"
18'	15.6fc	15'-7"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1347	53.9
0-40	1920	76.8
0-60	2365	94.6
0-90	2480	99.2
90-180	20	0.8
0-180	2500	100

Candela Table

Vertical Angles	Candela
0	2248
5	2199
15	1869
25	1357
35	929
45	388

Test Information

Test Number: NTR11015

Part Number: NRM2-511L2540FWW

Beam Spread: 85° Flood

Lumens: 2055lm

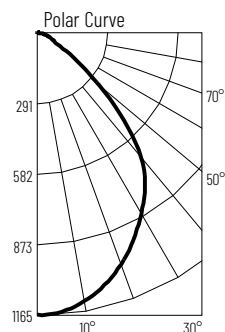
Wattage: 29.3W

Efficacy: 70lpw

CCT / CRI: 4000K / 90 CRI

Spacing Criteria (0°-180): 1.12

Spacing Criteria (90°-270): 1.12



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	72.6fc	7'-5"
9'	32.3fc	11'-1"
12'	18.2fc	14'-11"
15'	11.6fc	18'-7"
18'	8.1fc	22'-4"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	843	41
0-40	1326	64.5
0-60	1900	92.5
0-90	2039	99.2
90-180	15	0.8
0-180	2055	100

Candela Table

Vertical Angles	Candela
0	1162
5	1152
15	1076
25	940
35	776
45	510

Lumen Output Multipliers

Color Temperature: 2700K (0.84), 3000K (0.93), 3500K (0.95), 4000K (1.00)