

# NAPF-3RDN

## 3" Apollo Round Flanged Downlight

### PRODUCT DESCRIPTION

3" Apollo flanged downlights feature exceptional glare control and 45° visual cutoff for a quiet ceiling appearance.

### FEATURES

- Precision-crafted 0.38" micro flange
- Architectural grade finishes
- Exceptional glare control with 45° cut off
- Compatible with adjustable LED mechanism (361° rotation & 45° tilt)
- cULus Listed for wet locations when used with lens

### SPECIFICATION

**Trim:** Die-cast aluminum construction with architectural grade finishes. Protective e-coating for corrosion protection and durability.

**Lens:** Luminaire can be specified with clear lens (pre-installed). Wet location rated when used with lens.

**Mounting:** Trim easily installs into housing collar for installation.

### COMPATIBLE HOUSINGS

CATALOG NO. DESCRIPTION

[NHAPIC-3R](#) 3" Apollo IC Air-Tight New Construction Housing

### LABELS AND LISTINGS

cULus Listed for Damp Location (Wet Location when used with lens)



Type \_\_\_\_\_

Project \_\_\_\_\_

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

Notes \_\_\_\_\_

### Performance Data

Optic	L1	L2	L3	CCT
<b>Spot</b>	957lm	1438lm	1908lm	4000K
<b>Narrow Flood</b>	954lm	1433lm	1903lm	4000K
<b>Flood</b>	893lm	1342lm	1781lm	4000K

*Delivered lumens will vary depending on optic, finish and CCT*

## APOLLO

### PRODUCT IMAGES AND DIMENSIONS



## 3" Apollo Round Flanged Downlight

Finish	Optional Lens
<b>NAPF-3RDNB</b> = Black Reflector / Self Flanged	<b>(blank)</b> = No Lens
<b>NAPF-3RDNBZ</b> = Bronze Reflector / Self Flanged	<b>/CL</b> = Clear Lens (Wet Location)
<b>NAPF-3RDNHZMPW</b> = Haze Reflector / Matte Powder White Flange	
<b>NAPF-3RDNMPW</b> = Matte Powder White Reflector / Self Flanged	
<b>NAPF-3RDNWD</b> = Wheat Diffused Reflector / Self Flanged	

Example: **NAPF-3RDNMPW** = 3" Round Flanged Downlight, Matte Powder White Reflector / Self Flanged

# PHOTOMETRICS

## 3" Apollo Round Flanged Downlight 1000 lumens

Type

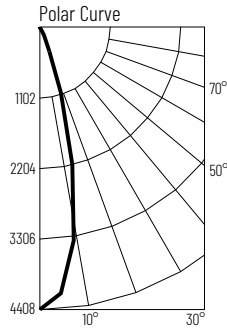
Project

Catalog No.

Notes

### Test Information

Test Number: NTRA1028R2  
Part Number:  
NHAPIC-3R05L14025D / NAPF-3RDNMPW  
Beam Spread: 26° Spot  
Lumens: 957lm  
Wattage: 9.48W  
Efficacy: 101pw  
CCT / CRI: 4000K / 90 CRI  
Spacing Criteria (0°-180°): 0.46  
Spacing Criteria (90°-270°): 0.46



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	276fc	1'-11"
6'	122fc	2'-10"
8'	68.9fc	3'-8"
10'	44.1fc	4'-8"
12'	30.6fc	5'-7"

### Zonal Lumen Summary

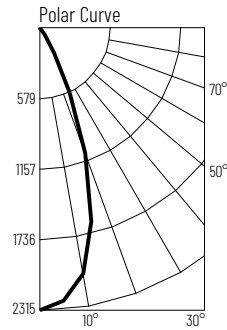
Zone	Lumens	% Luminaire
0-30	921	96.3
0-40	946	98.8
0-60	952	99.6
0-90	957	100
90-180	0	0
0-180	957	100

### Candela Table

Vertical Angles	Candela
0	4408
5	4075
15	1824
25	255
35	19
45	7

### Test Information

Test Number: NTRA1029R2  
Part Number:  
NHAPIC-3R05L14040D / NAPF-3RDNMPW  
Beam Spread: 38° Narrow Flood  
Lumens: 954lm  
Wattage: 9.48W  
Efficacy: 101pw  
CCT / CRI: 4000K / 90 CRI  
Spacing Criteria (0°-180°): 0.64  
Spacing Criteria (90°-270°): 0.64



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	145fc	2'-10"
6'	64.3fc	4'-2"
8'	36.2fc	5'-7"
10'	23.1fc	7'
12'	16.1fc	8'-5"

### Zonal Lumen Summary

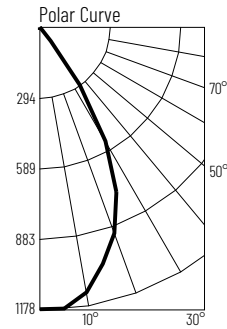
Zone	Lumens	% Luminaire
0-30	901	94.5
0-40	945	99
0-60	950	99.6
0-90	954	100
90-180	0	0
0-180	954	100

### Candela Table

Vertical Angles	Candela
0	2315
5	2247
15	1641
25	585
35	68
45	6

### Test Information

Test Number: NTRA1030R2  
Part Number:  
NHAPIC-3R05L14055D / NAPF-3RDNMPW  
Beam Spread: 55° Flood  
Lumens: 893lm  
Wattage: 9.48W  
Efficacy: 94pw  
CCT / CRI: 4000K / 90 CRI  
Spacing Criteria (0°-180°): 0.92  
Spacing Criteria (90°-270°): 0.86



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	73.4fc	4'-5"
6'	32.6fc	6'-6"
8'	18.3fc	8'-8"
10'	11.7fc	10'-11"
12'	8.2fc	13'-1"

### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	716	80.2
0-40	877	98.1
0-60	890	99.6
0-90	893	100
90-180	0	0
0-180	893	100

### Candela Table

Vertical Angles	Candela
0	1174
5	1138
15	1019
25	772
35	289
45	6

### Lumen Output Multipliers

Color Temperature: 2700K (0.9), 3000K (0.97), 3500K (0.99), 4000K (1.00)

# PHOTOMETRICS

## 3" Apollo Round Flanged Downlight 1500 lumens

Type

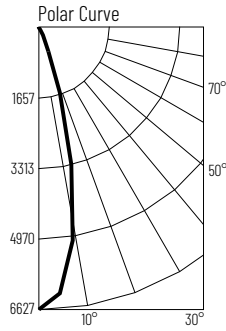
Project

Catalog No.

Notes

### Test Information

Test Number: NTRA1040R2  
Part Number:  
NHAPIC-3R05L24025D / NAPF-3RDNMPW  
Beam Spread: 26° Spot  
Lumens: 1438lm  
Wattage: 14.47W  
Efficacy: 99pw  
CCT / CRI: 4000K / 90 CRI  
Spacing Criteria (0°-180°): 0.46  
Spacing Criteria (90°-270°): 0.46



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	184fc	2'-10"
8'	104fc	3'-8"
10'	66.3fc	4'-8"
12'	46fc	5'-7"
14'	33.8fc	6'-6"

### Zonal Lumen Summary

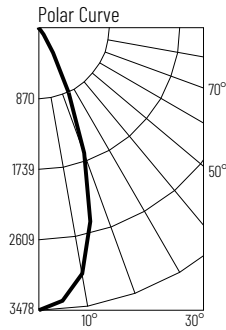
Zone	Lumens	% Luminaire
0-30	1384	96.3
0-40	1421	98.8
0-60	1432	99.6
0-90	1438	100
90-180	0	0
0-180	1438	100

### Candela Table

Vertical Angles	Candela
0	6627
5	6125
15	2742
25	383
35	28
45	11

### Test Information

Test Number: NTRA1041R2  
Part Number:  
NHAPIC-3R05L24040D / NAPF-3RDNMPW  
Beam Spread: 38° Narrow Flood  
Lumens: 1433lm  
Wattage: 14.47W  
Efficacy: 99pw  
CCT / CRI: 4000K / 90 CRI  
Spacing Criteria (0°-180°): 0.64  
Spacing Criteria (90°-270°): 0.64



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	96.6fc	4'-2"
8'	54.3fc	5'-7"
10'	34.8fc	7'
12'	24.2fc	8'-5"
14'	17.7fc	9'-10"

### Zonal Lumen Summary

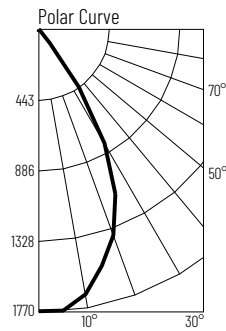
Zone	Lumens	% Luminaire
0-30	1354	94.5
0-40	1419	99
0-60	1428	99.6
0-90	1433	100
90-180	0	0
0-180	1433	100

### Candela Table

Vertical Angles	Candela
0	3478
5	3376
15	2466
25	879
35	102
45	9

### Test Information

Test Number: NTRA1042R2  
Part Number:  
NHAPIC-3R05L24055D / NAPF-3RDNMPW  
Beam Spread: 55° Flood  
Lumens: 1342lm  
Wattage: 14.47W  
Efficacy: 93pw  
CCT / CRI: 4000K / 90 CRI  
Spacing Criteria (0°-180°): 0.92  
Spacing Criteria (90°-270°): 0.86



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	49fc	6'-6"
8'	27.6fc	8'-8"
10'	17.6fc	10'-11"
12'	12.3fc	13'-1"
14'	9fc	15'-2"

### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1076	80.2
0-40	1317	98.1
0-60	1337	99.6
0-90	1342	100
90-180	0	0
0-180	1342	100

### Candela Table

Vertical Angles	Candela
0	1764
5	1710
15	1531
25	1160
35	434
45	9

### Lumen Output Multipliers

Color Temperature: 2700K (0.9), 3000K (0.97), 3500K (0.99), 4000K (1.00)

# PHOTOMETRICS

## 3" Apollo Round Flanged Downlight 2000 lumens

Type

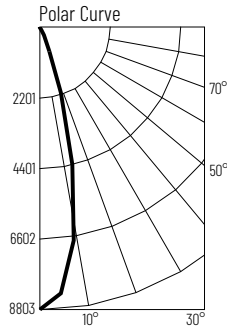
Project

Catalog No.

Notes

### Test Information

Test Number: NTRA1001R2  
 Part Number:  
 NHAPIC-3R05L34025D / NAPF-3RDNMPW  
 Beam Spread: 26° Spot  
 Lumens: 1910lm  
 Wattage: 19.97W  
 Efficacy: 96pw  
 CCT / CRI: 4000K / 90 CRI  
 Spacing Criteria (0°-180°): 0.46  
 Spacing Criteria (90°-270°): 0.46



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
8'	138fc	3'-8"
10'	88fc	4'-8"
12'	61.1fc	5'-7"
14'	44.9fc	6'-6"
16'	34.4fc	7'-6"

### Zonal Lumen Summary

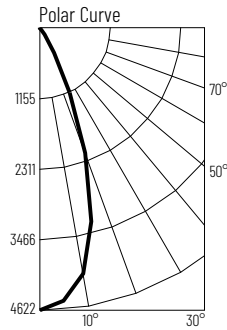
Zone	Lumens	% Luminaire
0-30	1839	96.3
0-40	1888	98.8
0-60	1902	99.6
0-90	1910	100
90-180	0	0
0-180	1910	100

### Candela Table

Vertical Angles	Candela
0	8803
5	8137
15	3642
25	509
35	37
45	15

### Test Information

Test Number: NTRA1002R2  
 Part Number:  
 NHAPIC-3R05L34040D / NAPF-3RDNMPW  
 Beam Spread: 38° Narrow Flood  
 Lumens: 1905lm  
 Wattage: 19.97W  
 Efficacy: 95pw  
 CCT / CRI: 4000K / 90 CRI  
 Spacing Criteria (0°-180°): 0.64  
 Spacing Criteria (90°-270°): 0.64



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
8'	72.2fc	5'-7"
10'	46.2fc	7'
12'	32.1fc	8'-5"
14'	23.6fc	9'-10"
16'	18.1fc	11'-2"

### Zonal Lumen Summary

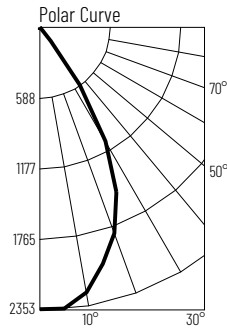
Zone	Lumens	% Luminaire
0-30	1799	94.5
0-40	1886	99
0-60	1897	99.6
0-90	1905	100
90-180	0	0
0-180	1905	100

### Candela Table

Vertical Angles	Candela
0	4622
5	4487
15	3277
25	1169
35	135
45	13

### Test Information

Test Number: NTRA1003R2  
 Part Number:  
 NHAPIC-3R05L34055D / NAPF-3RDNMPW  
 Beam Spread: 55° Flood  
 Lumens: 1784lm  
 Wattage: 19.97W  
 Efficacy: 89pw  
 CCT / CRI: 4000K / 90 CRI  
 Spacing Criteria (0°-180°): 0.92  
 Spacing Criteria (90°-270°): 0.86



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
8'	36.6fc	8'-8"
10'	23.5fc	10'-11"
12'	16.3fc	13'-1"
14'	17.1fc	12'-8"
16'	9.2fc	17'-5"

### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1430	80.2
0-40	1751	98.1
0-60	1777	99.6
0-90	1784	100
90-180	0	0
0-180	1784	100

### Candela Table

Vertical Angles	Candela
0	2345
5	2273
15	2036
25	1542
35	577
45	12

### Lumen Output Multipliers

Color Temperature: 2700K (0.9), 3000K (0.97), 3500K (0.99), 4000K (1.00)