

NAPF-3RPH

3" Apollo Round Flanged Pinhole

PRODUCT DESCRIPTION

3" Apollo flanged pinholes feature a 1.75" opening with exceptional glare control for a quiet ceiling appearance.

FEATURES

- Precision-crafted micro flange
- Architectural grade finishes
- Exceptional glare control
- 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. _____

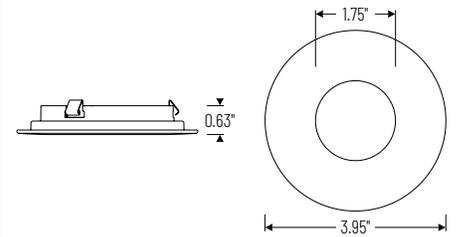
Notes _____

Performance Data				
Optic	L1	L2	L3	CCT
Spot	808lm	1214lm	1614lm	4000K
Narrow Flood	801lm	1203lm	1599lm	4000K
Flood	653lm	983lm	1305lm	4000K

Delivered lumens will vary depending on optic, finish and CCT

APOLLO

PRODUCT IMAGES AND DIMENSIONS



NAPF-3RPHB
Black



NAPF-3RPHBZ
Bronze



NAPF-3RPHMPW
Matte Powder White



NAPF-3RPHWD
Wheat Diffused

3" Apollo Round Flanged Pinhole

Finish	Optional Lens
NAPF-3RPHB = Black	(blank) = No Lens
NAPF-3RPHBZ = Bronze	/CL = Clear Lens (Wet Location)
NAPF-3RPHMPW = Matte Powder White	
NAPF-3RPHWD = Wheat Diffused	

Example: **NAPF-3RPHMPW** = 3" Round Flanged Pinhole, Matte Powder White finish

PHOTOMETRICS

3" Apollo Round Flanged Pinhole
1000 lumens

Type

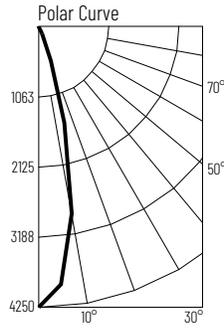
Project

Catalog No.

Notes

Test Information

Test Number: NTRA1073R2
Part Number:
NHAPIC-3R05L14025D / NAPF-3RPHMPW
Beam Spread: 24° Spot
Lumens: 808lm
Wattage: 9.48W
Efficacy: 85pw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0°-180°): 0.44
Spacing Criteria (90°-270°): 0.44



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	266fc	1'-8"
6'	118fc	2'-7"
8'	66.4fc	3'-6"
10'	42.5fc	4'-4"
12'	29.5fc	5'-2"

Zonal Lumen Summary

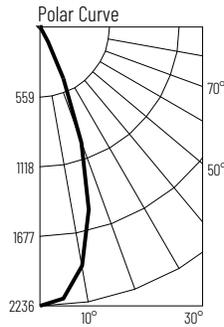
Zone	Lumens	% Luminaire
0-30	788	97.6
0-40	790	97.9
0-60	797	98.7
0-90	808	100
90-180	0	0
0-180	808	100

Candela Table

Vertical Angles	Candela
0	4250
5	3921
15	1510
25	119
35	5
45	7

Test Information

Test Number: NTRA1074R2
Part Number:
NHAPIC-3R05L14040D / NAPF-3RPHMPW
Beam Spread: 35° Narrow Flood
Lumens: 801lm
Wattage: 9.48W
Efficacy: 84pw
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
4'	140fc	2'-7"
6'	62.1fc	3'-11"
8'	34.9fc	5'-2"
10'	22.4fc	6'-6"
12'	15.5fc	7'-10"

Zonal Lumen Summary

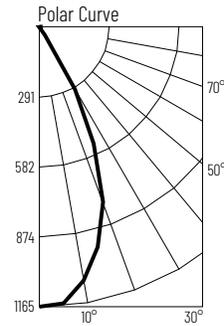
Zone	Lumens	% Luminaire
0-30	766	95.6
0-40	784	98
0-60	790	98.7
0-90	801	100
90-180	0	0
0-180	801	100

Candela Table

Vertical Angles	Candela
0	2236
5	2184
15	1517
25	454
35	17
45	6

Test Information

Test Number: NTRA1075R2
Part Number:
NHAPIC-3R05L14055D / NAPF-3RPHMPW
Beam Spread: 47° Flood
Lumens: 653lm
Wattage: 9.48W
Efficacy: 69pw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0°-180°): 0.8
Spacing Criteria (90°-270°): 0.8



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	72.7fc	3'-6"
6'	32.3fc	5'-4"
8'	18.2fc	7'
10'	11.6fc	8'-10"
12'	8.1fc	10'-7"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	592	90.6
0-40	634	97.1
0-60	639	97.9
0-90	653	100
90-180	0	0
0-180	653	100

Candela Table

Vertical Angles	Candela
0	1164
5	1134
15	977
25	557
35	42
45	4

Lumen Output Multipliers

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

PHOTOMETRICS

3" Apollo Round Flanged Pinhole
1500 lumens

Type

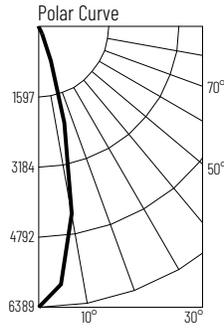
Project

Catalog No.

Notes

Test Information

Test Number: NTRA1085R2
Part Number:
NHAPIC-3R05L24025D / NAPF-3RPHMPW
Beam Spread: 24° Spot
Lumens: 1214lm
Wattage: 14.47W
Efficacy: 84pw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0°-180°): 0.44
Spacing Criteria (90°-270°): 0.44



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	177fc	2'-7"
8'	99.8fc	3'-6"
10'	63.9fc	4'-4"
12'	44.4fc	5'-2"
14'	32.6fc	6'-1"

Zonal Lumen Summary

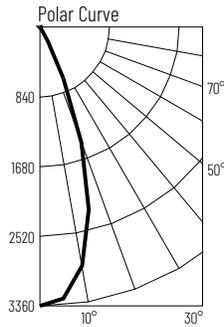
Zone	Lumens	% Luminaire
0-30	1184	97.6
0-40	1188	97.9
0-60	1198	98.7
0-90	1214	100
90-180	0	0
0-180	1214	100

Candela Table

Vertical Angles	Candela
0	6389
5	5895
15	2270
25	179
35	8
45	10

Test Information

Test Number: NTRA1086R2
Part Number:
NHAPIC-3R05L24040D / NAPF-3RPHMPW
Beam Spread: 35° Narrow Flood
Lumens: 1203lm
Wattage: 14.47W
Efficacy: 83pw
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'	93.3fc	3'-11"
8'	52.5fc	5'-2"
10'	33.6fc	6'-6"
12'	23.3fc	7'-10"
14'	17.1fc	9'

Zonal Lumen Summary

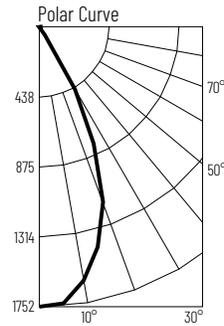
Zone	Lumens	% Luminaire
0-30	1150	95.6
0-40	1179	98
0-60	1187	98.7
0-90	1203	100
90-180	0	0
0-180	1203	100

Candela Table

Vertical Angles	Candela
0	3360
5	3282
15	2279
25	682
35	26
45	8

Test Information

Test Number: NTRA1087R2
Part Number:
NHAPIC-3R05L24055D / NAPF-3RPHMPW
Beam Spread: 47° Flood
Lumens: 983lm
Wattage: 14.47W
Efficacy: 68pw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0°-180°): 0.8
Spacing Criteria (90°-270°): 0.8



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	48.6fc	5'-4"
8'	27.3fc	7'
10'	17.5fc	8'-10"
12'	12.2fc	10'-7"
14'	8.9fc	12'-4"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	890	90.6
0-40	954	97.1
0-60	961	97.9
0-90	983	100
90-180	0	0
0-180	983	100

Candela Table

Vertical Angles	Candela
0	1750
5	1706
15	1470
25	838
35	64
45	6

Lumen Output Multipliers

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

PHOTOMETRICS

3" Apollo Round Flanged Pinhole 2000 lumens

Type

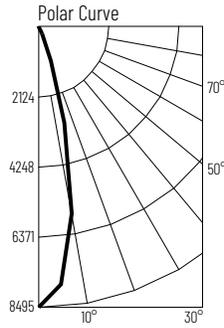
Project

Catalog No.

Notes

Test Information

Test Number: NTRA1004R2
 Part Number:
 NHAPIC-3R05L34025D / NAPF-3RPHMPW
 Beam Spread: 24° Spot
 Lumens: 1614lm
 Wattage: 19.97W
 Efficacy: 81pw
 CCT / CRI: 4000K / 90 CRI
 Spacing Criteria (0°-180°): 0.44
 Spacing Criteria (90°-270°): 0.44



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
8'	133fc	3'-6"
10'	85fc	4'-4"
12'	59fc	5'-2"
14'	43.3fc	6'-1"
16'	33.2fc	7'

Zonal Lumen Summary

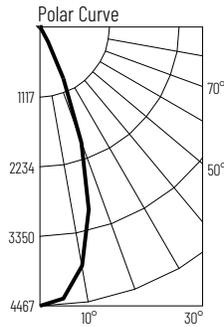
Zone	Lumens	% Luminaire
0-30	1575	97.6
0-40	1580	97.9
0-60	1593	98.7
0-90	1614	100
90-180	0	0
0-180	1614	100

Candela Table

Vertical Angles	Candela
0	8495
5	7838
15	3019
25	237
35	10
45	14

Test Information

Test Number: NTRA1005R2
 Part Number:
 NHAPIC-3R05L34040D / NAPF-3RPHMPW
 Beam Spread: 35° Narrow Flood
 Lumens: 1599lm
 Wattage: 19.97W
 Efficacy: 80pw
 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
8'	69.8fc	5'-2"
10'	44.7fc	6'-6"
12'	31fc	7'-10"
14'	22.8fc	9'
16'	17.5fc	10'-4"

Zonal Lumen Summary

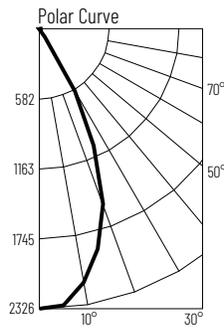
Zone	Lumens	% Luminaire
0-30	1529	95.6
0-40	1567	98
0-60	1578	98.7
0-90	1599	100
90-180	0	0
0-180	1599	100

Candela Table

Vertical Angles	Candela
0	4467
5	4363
15	3029
25	907
35	35
45	11

Test Information

Test Number: NTRA1006R2
 Part Number:
 NHAPIC-3R05L34055D / NAPF-3RPHMPW
 Beam Spread: 47° Flood
 Lumens: 1305lm
 Wattage: 19.97W
 Efficacy: 65pw
 CCT / CRI: 4000K / 90 CRI
 Spacing Criteria (0°-180°): 0.8
 Spacing Criteria (90°-270°): 0.8



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
8'	36.3fc	7'
10'	23.2fc	8'-10"
12'	16.1fc	10'-7"
14'	11.9fc	12'-4"
16'	9.1fc	14'-1"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1182	90.6
0-40	1266	97.1
0-60	1277	97.9
0-90	1305	100
90-180	0	0
0-180	1305	100

Candela Table

Vertical Angles	Candela
0	2324
5	2265
15	1951
25	1113
35	85
45	8

Lumen Output Multipliers

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