

NAPT-3SPH
3" Apollo Square Trimless & Wood Ceiling Pinhole

PRODUCT DESCRIPTION
3" Apollo flangeless pinholes feature a 1.67" x 1.67" opening and are compatible with millwork and a drywall ceilings. Trimless applications require a mud plate and a drywall finisher. Quiet ceiling with exceptional glare control and visual cutoff to the LED source.

- FEATURES
- Flangeless knife-edge appearance
- Compatible with millwork and drywall applications
- 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. Removal tool is available to remove trim with lens from below finished ceiling for maintenance (NIO-TLTOOL).

Mounting: Trim easily installs into housing collar for millwork installation. Mud plate is required (NAP-TLMR-3S) for trimless drywall installations.

Table with 2 columns: CATALOG NO., DESCRIPTION. Rows include NHAP-3S, NHAPIC-3S, and NHAPNIC-3S with their respective descriptions.

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

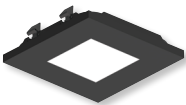
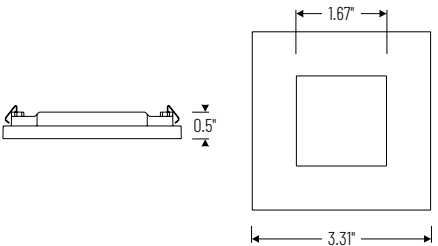


Type
Project
Catalog No.
Notes

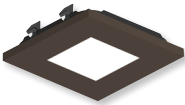
Performance Data @ 4000K & Matte Powder White finish. Table with 6 columns: Optic, L1, L2, L3, L4, L5. Rows include 12° NSP, 15° NSP, Spot, NFL, and Flood with corresponding lumen values.



PRODUCT IMAGES AND DIMENSIONS



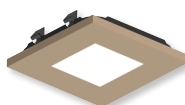
NAPT-3SPHB
Black



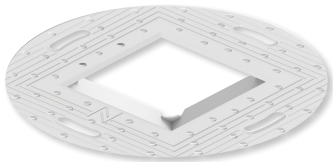
NAPT-3SPHBZ
Bronze



NAPT-3SPHMPW
Matte Powder White



NAPT-3SPHWD
Wheat Diffused



NAP-TLMR-3S
Trimless Mud Plate

3" Apollo Square Trimless & Wood Ceiling Pinhole

Table with 2 columns: Finish, Optional Lens. Rows list NAPT-3SPHB (Black), NAPT-3SPHBZ (Bronze), NAPT-3SPHMPW (Matte Powder White), and NAPT-3SPHWD (Wheat Diffused) with their corresponding lens options.

Optional Accessories

Table with 2 columns: Description. Row lists NAP-TLMR-3S (Trimless Mud Plate for 3" Square) and NIO-TLTOOL (Removal Tool) with an image of the tool.

Example: NAPT-3SPHMPW = 3" Square Trimless & Wood Ceiling Pinhole, Matte Powder White finish

PHOTOMETRICS

3" Apollo Square Trimless & Wood Ceiling Pinhole with Fixed Narrow Spot Optics

1000 or 1500 lumens

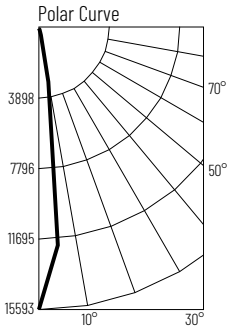
Type

Project

Catalog No.

Notes

Test Information
Test Number: NTRA1464R2
Part Number:
NHAPNIC-3S05L24012D / NAPT-3SPHMPW
Beam Spread: 12° Narrow Spot
Lumens: 1000lm
Wattage: 20.39W
Efficacy: 49lpw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0°-180°): 0.26
Spacing Criteria (90°-270°): 0.28

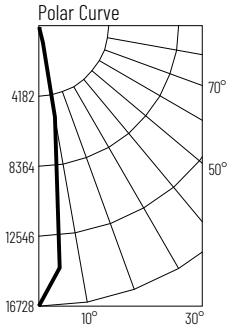


Illuminance at a Distance		
Distance from Luminaire	FC at Nadir	Beam Diameter
8'	244fc	1'-8"
10'	156fc	2'-2"
12'	108fc	2'-7"
14'	79.6fc	3'
16'	60.9fc	3'-4"

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	972	97.1
0-40	986	98.5
0-60	997	99.7
0-90	1000	100
90-180	0	0
0-180	1000	100

Candela Table	
Vertical Angles	Candela
0	15593
5	12094
15	454
25	67
35	45
45	23

Test Information
Test Number: NTRA1460R1
Part Number:
NHAPNIC-3S05L24015D / NAPT-3SPHMPW
Beam Spread: 15° Narrow Spot
Lumens: 1421lm
Wattage: 23.76W
Efficacy: 60lpw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0°-180°): 0.3
Spacing Criteria (90°-270°): 0.3



Illuminance at a Distance		
Distance from Luminaire	FC at Nadir	Beam Diameter
12'	116fc	3'-1"
14'	85.3fc	3'-8"
16'	65.3fc	4'-2"
18'	51.6fc	4'-8"
20'	41.8fc	5'-2"

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	1380	97.1
0-40	1398	98.4
0-60	1416	99.6
0-90	1421	100
90-180	0	0
0-180	1421	100

Candela Table	
Vertical Angles	Candela
0	16728
5	14483
15	1013
25	90
35	62
45	30

Lumen Output Multipliers
Color Temperature: 2700K (0.92), 3000K (0.95), 3500K (0.98), 4000K (1.00)

PHOTOMETRICS

3" Apollo Square Trimless & Wood Ceiling Pinhole with Field Changeable Optics
1000 lumens

Type

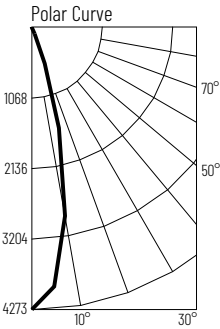
Project

Catalog No.

Notes

Test Information

Test Number: NTRA1208R1
Part Number:
NHAPIC-3S05L14025D / NAPT-3SPHMPW
Beam Spread: 24° Spot
Lumens: 852lm
Wattage: 9.48W
Efficacy: 90pw
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'	267fc	1'-10"
6'	119fc	2'-7"
8'	66.8fc	3'-6"
10'	42.7fc	4'-5"
12'	29.7fc	5'-4"

Zonal Lumen Summary

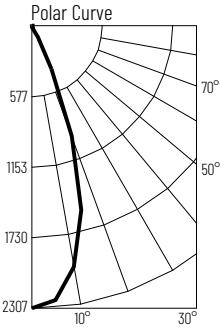
Zone	Lumens	% Luminaire
0-30	832	97.6
0-40	835	98
0-60	842	98.8
0-90	852	100
90-180	0	0
0-180	852	100

Candela Table

Vertical Angles	Candela
0	4273
5	3937
15	1580
25	111
35	5
45	7

Test Information

Test Number: NTRA1209R1
Part Number:
NHAPIC-3S05L14040D / NAPT-3SPHMPW
Beam Spread: 35° Narrow Flood
Lumens: 845lm
Wattage: 9.48W
Efficacy: 89pw
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'	144fc	2'-7"
6'	64.1fc	3'-11"
8'	36fc	5'-2"
10'	23.1fc	6'-6"
12'	16fc	7'-10"

Zonal Lumen Summary

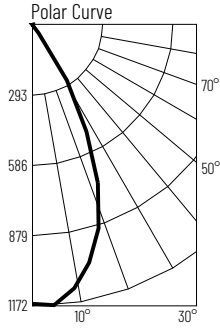
Zone	Lumens	% Luminaire
0-30	811	96
0-40	930	98.2
0-60	835	98.8
0-90	845	100
90-180	0	0
0-180	845	100

Candela Table

Vertical Angles	Candela
0	2307
5	2247
15	1560
25	390
35	8
45	6

Test Information

Test Number: NTRA1210R1
Part Number:
NHAPIC-3S05L14055D / NAPT-3SPHMPW
Beam Spread: 46° Flood
Lumens: 688lm
Wattage: 9.48W
Efficacy: 73pw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0°-180°): 0.8
Spacing Criteria (90°-270°): 0.76



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	72.8fc	3'-6"
6'	32.3fc	5'-2"
8'	18.2fc	7'
10'	11.6fc	8'-8"
12'	8.1fc	10'-6"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	557	81
0-40	665	96.7
0-60	674	97.9
0-90	688	100
90-180	0	0
0-180	688	100

Candela Table

Vertical Angles	Candela
0	1164
5	1121
15	960
25	557
35	49
45	5

Lumen Output Multipliers

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

PHOTOMETRICS

3" Apollo Square Trimless & Wood Ceiling Pinhole with Field Changeable Optics
1500 lumens

Type

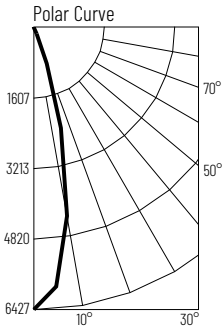
Project

Catalog No.

Notes

Test Information

Test Number: NTRA1220R1
Part Number:
NHAPIC-3S05L24025D / NAPT-3SPHMPW
Beam Spread: 24° Spot
Lumens: 1281lm
Wattage: 14.47W
Efficacy: 89pw
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'	179fc	2'-7"
8'	100fc	3'-6"
10'	64.3fc	4'-5"
12'	44.6fc	5'-4"
14'	32.8fc	6'-2"

Zonal Lumen Summary

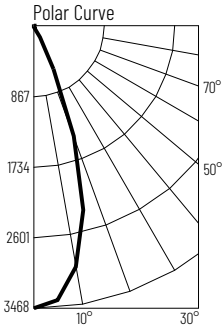
Zone	Lumens	% Luminaire
0-30	1251	97.6
0-40	1256	98
0-60	1266	98.8
0-90	1281	100
90-180	0	0
0-180	1281	100

Candela Table

Vertical Angles	Candela
0	6427
5	5922
15	2377
25	167
35	8
45	11

Test Information

Test Number: NTRA1221R1
Part Number:
NHAPIC-3S05L24040D / NAPT-3SPHMPW
Beam Spread: 35° Narrow Flood
Lumens: 1271lm
Wattage: 14.47W
Efficacy: 88pw
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'	96.3fc	3'-11"
8'	54.2fc	5'-2"
10'	34.7fc	6'-6"
12'	24.1fc	7'-10"
14'	17.7fc	9'-1"

Zonal Lumen Summary

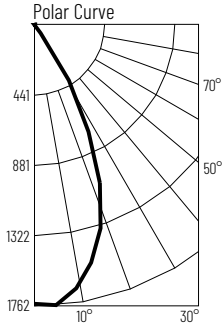
Zone	Lumens	% Luminaire
0-30	1220	96
0-40	1247	98.2
0-60	1256	98.8
0-90	1271	100
90-180	0	0
0-180	1271	100

Candela Table

Vertical Angles	Candela
0	3468
5	3379
15	2345
25	586
35	12
45	8

Test Information

Test Number: NTRA1222R1
Part Number:
NHAPIC-3S05L24055D / NAPT-3SPHMPW
Beam Spread: 46° Flood
Lumens: 1035lm
Wattage: 14.47W
Efficacy: 72pw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0°-180°): 0.8
Spacing Criteria (90°-270°): 0.76



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	48.6fc	5'-2"
8'	27.3fc	7'
10'	17.5fc	8'-8"
12'	12.2fc	10'-6"
14'	8.9fc	12'-2"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	838	81
0-40	1000	96.7
0-60	1013	97.9
0-90	1035	100
90-180	0	0
0-180	1035	100

Candela Table

Vertical Angles	Candela
0	1750
5	1686
15	1443
25	838
35	74
45	7

Lumen Output Multipliers

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

PHOTOMETRICS

3" Apollo Square Trimless & Wood Ceiling Pinhole with Field Changeable Optics
2000 lumens

Type

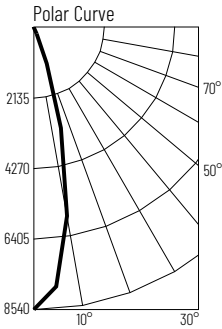
Project

Catalog No.

Notes

Test Information

Test Number: NTRA1013R1
Part Number:
NHAPIC-3S05L34025D / NAPT-3SPHMPW
Beam Spread: 24° Spot
Lumens: 1702lm
Wattage: 19.97W
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
8'	133fc	3'-6"
10'	85.fc	4'-5"
12'	59.3fc	5'-4"
14'	43.6fc	6'-2"
16'	33.4fc	7'-1"

Zonal Lumen Summary

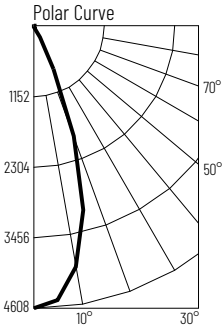
Zone	Lumens	% Luminaire
0-30	1662	97.6
0-40	1669	98
0-60	1682	98.8
0-90	1703	100
90-180	0	0
0-180	1703	100

Candela Table

Vertical Angles	Candela
0	8540
5	7869
15	3159
25	222
35	10
45	15

Test Information

Test Number: NTRA1014R1
Part Number:
NHAPIC-3S05L34040D / NAPT-3SPHMPW
Beam Spread: 35° Narrow Flood
Lumens: 1688lm
Wattage: 19.97W
Efficacy: 85pw
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'	72fc	5'-2"
10'	46.1fc	6'-6"
12'	32fc	7'-10"
14'	23.5fc	9'-1"
16'	18fc	10'-5"

Zonal Lumen Summary

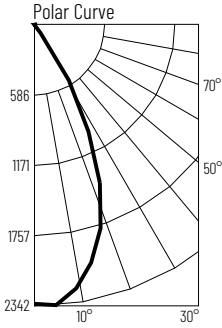
Zone	Lumens	% Luminaire
0-30	1620	96
0-40	1657	98.2
0-60	1668	98.8
0-90	1688	100
90-180	0	0
0-180	1688	100

Candela Table

Vertical Angles	Candela
0	4608
5	4489
15	3116
25	779
35	16
45	11

Test Information

Test Number: NTRA1015R1
Part Number:
NHAPIC-3S05L34055D / NAPT-3SPHMPW
Beam Spread: 46° Flood
Lumens: 1375lm
Wattage: 19.97W
Efficacy: 69pw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0°-180°): 0.8
Spacing Criteria (90°-270°): 0.76



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
8'	36.4fc	7'
10'	23.3fc	8'-8"
12'	16.2fc	10'-6"
14'	11.9fc	12'-2"
16'	9.1fc	14'

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1114	81
0-40	1330	96.7
0-60	1346	97.9
0-90	1375	100
90-180	0	0
0-180	1375	100

Candela Table

Vertical Angles	Candela
0	2326
5	2241
15	1919
25	1113
35	98
45	9

Lumen Output Multipliers

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

PHOTOMETRICS

3" Apollo Square Trimless & Wood Ceiling Pinhole with Field Changeable Optics

2500 lumens

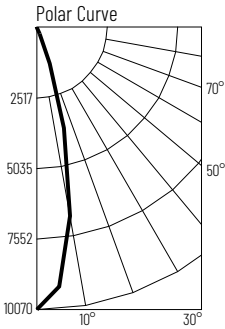
Type

Project

Catalog No.

Notes

Test Information
Test Number: NTRA1241R2
Part Number:
NHAP-3S05L44025D / NAPT-3SPHMPW
Beam Spread: 24° Spot
Lumens: 2012lm
Wattage: 25.57W
Efficacy: 79pw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0°-180°): 0.44
Spacing Criteria (90°-270°): 0.42

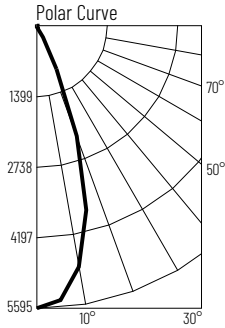


Illuminance at a Distance		
Distance from Luminaire	FC at Nadir	Beam Diameter
16'	39.3fc	7'-1"
18'	31.1fc	8'
20'	25.2fc	8'-10"
22'	20.8fc	9'-8"
24'	17.5fc	10'-7"

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	1965	97.6
0-40	1972	98
0-60	1988	98.8
0-90	2012	100
90-180	0	0
0-180	2012	100

Candela Table	
Vertical Angles	Candela
0	10070
5	9128
15	3482
25	232
35	12
45	18

Test Information
Test Number: NTRA1242R2
Part Number:
NHAP-3S05L44040D / NAPT-3SPHMPW
Beam Spread: 35° Narrow Flood
Lumens: 2054lm
Wattage: 25.57W
Efficacy: 80pw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0°-180°): 0.62
Spacing Criteria (90°-270°): 0.6

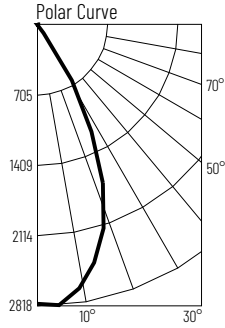


Illuminance at a Distance		
Distance from Luminaire	FC at Nadir	Beam Diameter
16'	21.9fc	10'-5"
18'	17.3fc	11'-8"
20'	14fc	13'
22'	11.6fc	14'-4"
24'	9.7fc	15'-7"

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	1970	96
0-40	2016	98.2
0-60	2029	98.8
0-90	2054	100
90-180	0	0
0-180	2054	100

Candela Table	
Vertical Angles	Candela
0	5595
5	5421
15	3687
25	894
35	19
45	14

Test Information
Test Number: NTRA1243R2
Part Number:
NHAP-3S05L44055D / NAPT-3SPHMPW
Beam Spread: 46° Flood
Lumens: 1659lm
Wattage: 25.57W
Efficacy: 65pw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0°-180°): 0.78
Spacing Criteria (90°-270°): 0.74



Illuminance at a Distance		
Distance from Luminaire	FC at Nadir	Beam Diameter
16'	10.9fc	14'
18'	8.7fc	15'-10"
20'	7fc	17'-6"
22'	5.8fc	19'-4"
24'	4.9fc	21'

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	1342	80.9
0-40	1603	96.6
0-60	1625	97.9
0-90	1659	100
90-180	0	0
0-180	1659	100

Candela Table	
Vertical Angles	Candela
0	2801
5	2678
15	2248
25	1206
35	90
45	12

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

PHOTOMETRICS

3" Apollo Square Trimless & Wood Ceiling Pinhole with Field Changeable Optics
3000 lumens

Type

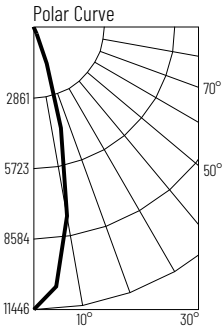
Project

Catalog No.

Notes

Test Information

Test Number: NTRA1581R1
Part Number:
NHAP-3S05L54025D / NAPT-3SPHMPW
Beam Spread: 24° Spot
Lumens: 2287lm
Wattage: 30.44W
Efficacy: 75pw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0°-180°): 0.44
Spacing Criteria (90°-270°): 0.42



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
20'	28.6fc	8'-10"
22'	23.6fc	9'-8"
24'	19.9fc	10'-7"
26'	16.9fc	11'-6"
28'	14.6fc	12'-5"

Zonal Lumen Summary

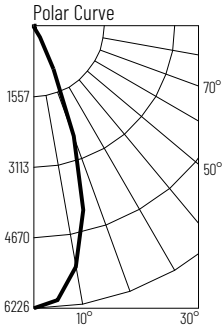
Zone	Lumens	% Luminaire
0-30	2233	97.6
0-40	2242	98
0-60	2260	98.8
0-90	2287	100
90-180	0	0
0-180	2287	100

Candela Table

Vertical Angles	Candela
0	11446
5	10375
15	3958
25	264
35	14
45	20

Test Information

Test Number: NTRA1582R1
Part Number:
NHAP-3S05L54040D / NAPT-3SPHMPW
Beam Spread: 35° Narrow Flood
Lumens: 2285lm
Wattage: 30.44W
Efficacy: 75pw
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
20'	15.6fc	13'
22'	12.9fc	14'-4"
24'	10.8fc	15'-7"
26'	9.2fc	16'-11"
28'	7.9fc	18'-2"

Zonal Lumen Summary

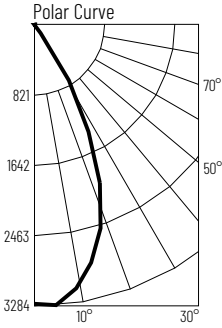
Zone	Lumens	% Luminaire
0-30	2193	95.9
0-40	2243	98.2
0-60	2258	98.8
0-90	2285	100
90-180	0	0
0-180	2285	100

Candela Table

Vertical Angles	Candela
0	6226
5	6032
15	4103
25	995
35	21
45	15

Test Information

Test Number: NTRA1583R1
Part Number:
NHAP-3S05L54055D / NAPT-3SPHMPW
Beam Spread: 46° Flood
Lumens: 1933lm
Wattage: 30.44W
Efficacy: 64pw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0°-180°): 0.78
Spacing Criteria (90°-270°): 0.74



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
20'	8.2fc	17'-6"
22'	6.7fc	19'-4"
24'	5.7fc	21'
26'	4.8fc	22'-10"
28'	4.2fc	24'-6"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1564	80.9
0-40	1868	96.6
0-60	1893	97.9
0-90	1933	100
90-180	0	0
0-180	1933	100

Candela Table

Vertical Angles	Candela
0	3264
5	3120
15	2619
25	1406
35	105
45	13

Lumen Output Multipliers

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