

NHAPIC-3R

3" Apollo Round IC Airtight New Construction Housing with Field Changeable Optic

Source: 10W to 24W LED
1000lm to 2000lm

SPECIFICATION

Precise Aiming: Hot-aiming adjustment allows for 361° horizontal rotation and 45° vertical aiming. Optimized TIR optics directs the light through the center of the aperture for maximum efficiency and low aperture brightness.

Housing: Aluminum housing can be installed in ceiling thicknesses up to 2". Housing collar accessories are also available. Driver and LED are serviceable from below the ceiling. Lutron Athena driver requires above ceiling access.

Air Flow Restriction: Airtight in accordance to ASTM E283 (<2 cubic feet per minute).

Clearance: "IC" Insulated ceiling housings are direct contact rated. Not to be used in direct contact with spray foam insulation.

Bar Hangers: Two 13-3/4" to 24-1/2" adjustable bar hangers with captive nails are included on housing. "L"-shaped bar hanger foot to align to bottom of construction joist. A T-bar notch allows for easy installation in a suspended ceiling.

Junction Box: Pre-wired 25 cubic inch 0.064" thick galvanized steel, with seven 1/2" knockouts 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. Maximum of 8 no. 12 AWG through branch circuit conductors suitable for at least 90°C permitted in junction box. Junction box is accessible from the room side through housing opening.

Romex Strain Relief: Junction box includes two Romex tabs with two slots at each tab for NM-cables of 12/2 to 14/2. The strain relief allows for easy installation and less materials.

ELECTRICAL

Input Voltage: See table below

Lumens / Wattage: See table below

LED Binning: 2 SDCM (Dedicated CCT) or 3 SDCM (Comfort Dim)

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

Comfort Dim: Comfort Dim color tunes the temperature from a bright 3000K, to a romantic and comfortable 2000K on a gradual, even curve.

Color Rendering Index: 90+ CRI

Power Factor: ≥0.90

Dimming: Phase, 0-10V, Casambi, DALI or Lutron

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

COMPATIBLE TRIMS

CATALOG NO. DESCRIPTION

[NAPF-3RDN](#) 3" Flanged Round Downlight

[NAPF-3RPH](#) 3" Flanged Round Pinhole

[NAPF-3RWW](#) 3" Flanged Round Wall Wash

[NAPT-3RDN](#) 3" Trimless / Wood Ceiling Round Downlight

[NAPT-3RPH](#) 3" Trimless / Wood Ceiling Round Pinhole

[NAPT-3RWW](#) 3" Trimless / Wood Ceiling Round Wall Wash

Accessories: A variety of accessories on pages 2 and 3.

Emergency: Housing can be specified with connections for emergency battery installation. Requires access above ceiling. Must specify battery separately ([NEPK-07LEDUNV](#)).

LABELS AND LISTINGS

- Assembled in USA with domestic and foreign components
- cULus Listed for Damp Locations (Wet Locations when used with lensed trim)
- [5-Year Limited Warranty](#)
- ENERGY STAR certified (dedicated CCT only)
- RoHS & FCC compliant
- Certified to the requirements of CA Title 24 JA8-2025
- Airtight in accordance to ASTM E283
- For Canada customers, USMCA qualified



Type

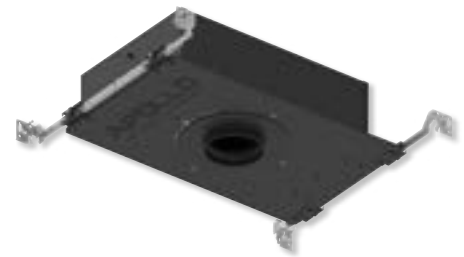
Project

Catalog No.

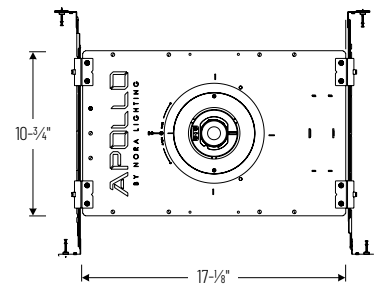
Notes

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PRODUCT IMAGES AND DIMENSIONS



Ceiling Cut-Out:
3-3/8"



ELECTRICAL		P	C	C01 ²	CAS ³	DAL ³	AWN ⁴	L01 ²	
Dimming Type		Forward Phase (Triac) / Reverse Phase (ELV)		0-10V		Casambi	DALI 2	Athena	EcoSystem
Input Voltage		120V		120-277V		120/277V	120-277V		120/277V
Dedicated CCT	Compatible Wattages	10W to 20W (L1 to L3)			15W to 20W (L2 or L3)		10W to 20W (L1 to L3)		
	Operating Temperature	0°-35°C			0°-25°C	0°-35°C		0°-30°C	0°-25°C
Comfort Dim	Compatible Wattages	16W to 24W (L1 or L2)			16W (L1)	16W to 24W (L1 or L2)		16W (L1)	
	Operating Temperature	0°-30°C					0°-25°C		0°-35°C

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Ceiling Thickness	Lumens / Wattage	CCT	Beam Spread	Input Voltage / Dimming	Optional Emergency
NHAPIC-3R05 = 0.5" to 0.875"	L1 = 1000lm / 10W	27 = 2700K	250 = 26° Spot	P = 120V; Phase (5%)	Optional Emergency /PEM = Pre-Wired for Remote Emergency ^{4,5} Notes: ¹ Comfort Dim is not certified to ENERGY STAR ² C01 & L01 not available with Comfort Dim / 1500lm (L2) ³ CAS & DAL not available with 1000lm / 10W, Dedicated CCT (L1) ⁴ Requires above ceiling access ⁵ Not compatible with Lutron Athena
NHAPIC-3R10 = 0.875" to 1.25"	L2 = 1500lm / 15W	30 = 3000K	400 = 38° Narrow Flood	C = 120-277V; 0-10V (1%)	
NHAPIC-3R15 = 1.25" to 1.625"	L3 = 2000lm / 20W	35 = 3500K	550 = 55° Flood	C01 = 120-277V; 0-10V (0.1%) ²	
NHAPIC-3R20 = 1.625" to 2"		40 = 4000K		CAS = 120/277V; Casambi (1%) ³	
				DAL = 120-277V; DALI-2 (1%) ³	
	L1 = 1000lm / 16W	CD = Comfort Dim ¹ (Warm Dim)		AWN = 120-277V; Lutron Athena (1%) ⁴	
	L2 = 1500lm / 24W			L01 = 120/277V; Lutron EcoSystem (0.1%) ²	

3" Apollo Round Trims

Ceiling Type	Trim Type	Finish	Optional Lens
NAPF-3R = Flanged	DN = Downlight	B = Black	(blank) = No Lens
NAPT-3R = Trimless & Wood Ceiling	PH = Pinhole	BZ = Bronze	/CL = Clear Lens (Wet Location) ⁷
	WW = Wall Wash	HZ = Haze ⁶	/FL = Frosted Lens (Wet Location) ⁷
		HZMPW = Haze / White ⁶	
		MPW = White	
		WD = Wheat Diffused	

Notes:

⁶ HZ & HZMPW available with downlight (DN) only

⁷ Not compatible with secondary lens accessories

Example: NHAPIC-3R05L33025DP / NAPF-3RDNMPW = 3" Apollo Round IC Airtight New Construction Housing, 2000lm / 20W, 3000K, Spot Optic, 120V input; Phase dimming / 3" Flanged Downlight, White finish

NHAPIC-3R Accessories

3" Apollo Round IC Airtight New Construction Housing with Field Changeable Optic

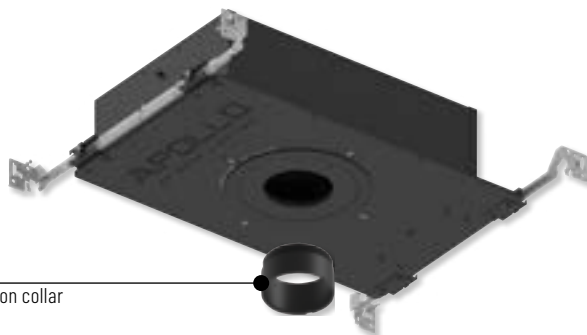
Type

Project

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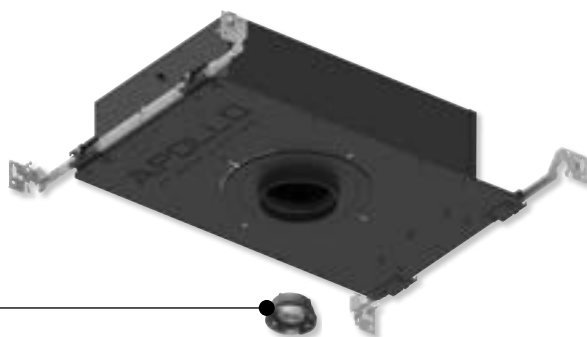
Notes

- NAPC-3R05** 0.5" to 0.875" Ceiling Extension Collar
- NAPC-3R10** 0.875" to 1.25" Ceiling Extension Collar
- NAPC-3R15** 1.25" to 1.625" Ceiling Extension Collar
- NAPC-3R20** 1.625" to 2" Ceiling Extension Collar



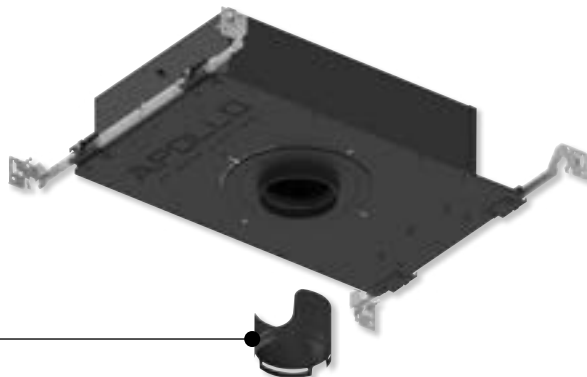
Field changeable extension collar

- NAP0-3D25** Replacement 26° TIR Optic
- NAP0-3D40** Replacement 38° TIR Optic
- NAP0-3D55** Replacement 55° TIR Optic



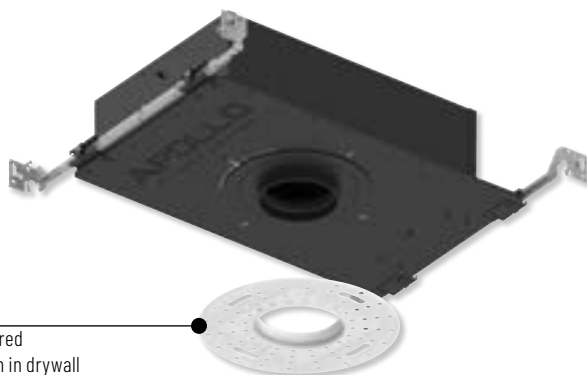
Field changeable optics

- NAP-3RDSLEEVE** Round sleeve shade to shield housing components



Sleeve shade covers housing components

- NAP-TLMR-3R** Round trimless mud plate for installation in gypsum with plaster.



Trimless mud plate required for flangeless installation in drywall

NHAPIC-3R Accessories

3" Apollo Round IC Airtight New Construction Housing with Field Changeable Optic

Type	
Project	
Catalog No.	
Notes	

- NAPL-3DIFF** Diffused Lens with Accessory Holder (Side A)
NAPL-3LINEAR Linear Lens with Accessory Holder (Side A)
NAPL-3SQUARE Square Lens with Accessory Holder (Side A)
NAPL-3WIDE Wide Lens with Accessory Holder (Side A)
NAPL-3HEX Honeycomb Louver with Accessory Holder (Side B)
NAPL-3SOLITE Solite Lens with Accessory Holder (Side B)

Note: Up to two filter media (one per side of accessory holder). Up to 2000lm max.
 Accessories are not compatible with Wet Location Trims (Clear or Frosted Lens)



NAPL-3DIFF
Diffused Lens
(Side A)



NAPL-3LINEAR
Linear Lens
(Side A)



NAPL-3SQUARE
Square Lens
(Side A)



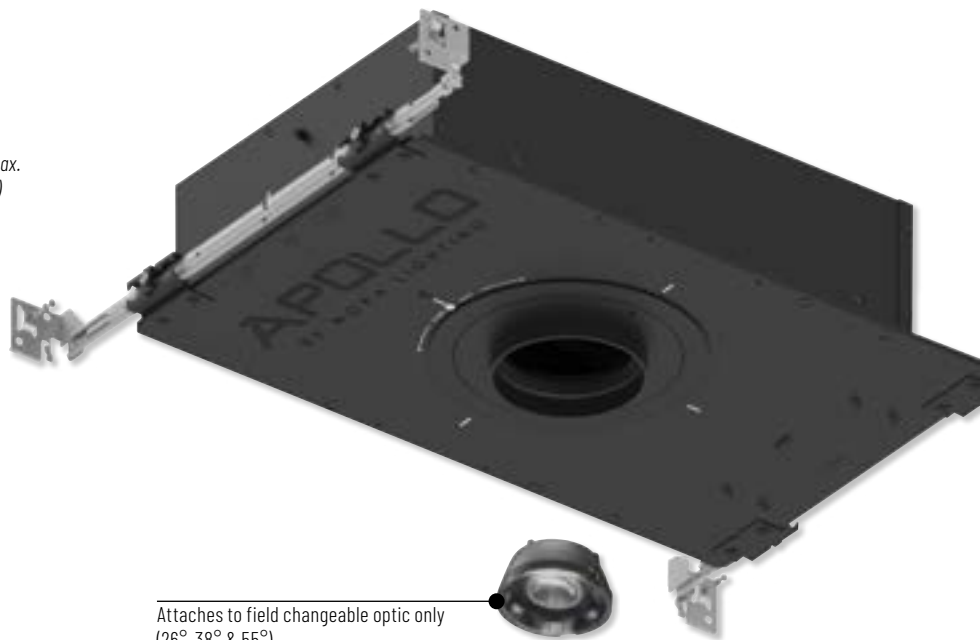
NAPL-3WIDE
Wide Lens
(Side A)



NAPL-3HEX
Honeycomb Louver
(Side B)



NAPL-3SOLITE
Solite Lens
(Side B)



Attaches to field changeable optic only
(26°, 38° & 55°)

Lens (Side A)

Accessory Holder (included)

Solite or Honeycomb Louver (Side B)



NAPL-3D25
26° TIR Optic
(no accessories)



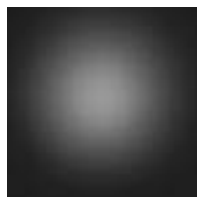
NAPL-3HEX
Honeycomb Louver with
26° TIR Optic



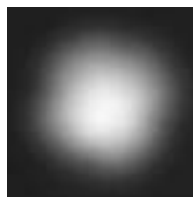
NAPL-3DIFF
Diffused Lens with
26° TIR Optic



NAPL-3SOLITE
Solite Lens with
26° TIR Optic



NAPL-3WIDE
Wide Lens with
26° TIR Optic



NAPL-3SQUARE
Square Lens with
26° TIR Optic



NAPL-3LINEAR
Linear Lens with
26° TIR Optic

Shown with Downlight Trim, 2000lm, 4000K

NHAPIC-3R Emergency Option

3" Apollo Round IC Airtight New Construction Housing with Field Changeable Optic

Type	
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Notes	

NEPK-07LEDUNV 7W Emergency LED Driver with Remote Test Switch
requires pre-wired housing (/PEM)

