

# NHAPNIC-3S

## 3" Apollo Square IC Air-Tight New Construction Housing with Fixed Spot Optic

Source: 20W or 24W LED  
1000lm or 1500lm

Type

Project

Catalog No.

Notes

### 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's include an aligning screw for perfect alignment. Collars are available for various ceiling thicknesses. Driver and LED are serviceable from below the ceiling.

**Air Flow Restriction:** Meets requirements of Air-Tight (AT) <2CFM (cubic feet per minute) in accordance with ASTM-283 Air-Tight requirements.

**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 chart below

**Lumens / Wattage:** 1000lm / 20W or 1500lm / 24W

**LED Binning:** 3-Step (SDCM)

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

**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](http://www.NoraLighting.com) in the "Compatibility" page under "Resources" tab

### COMPATIBLE TRIMS

**CATALOG NO. DESCRIPTION**

[NAPF-3SDN](#) 3" Flanged Square Downlight

[NAPF-3SPH](#) 3" Flanged Square Pinhole

[NAPF-3SWW](#) 3" Flanged Square Wall Wash

[NAPT-3SDN](#) 3" Trimless / Wood Ceiling Square Downlight

[NAPT-3SPH](#) 3" Trimless / Wood Ceiling Square Pinhole

[NAPT-3SWW](#) 3" Trimless / Wood Ceiling Square Wall Wash

### OPTIONAL ACCESSORIES

[NAPC-3S:](#) Extension Collar for Housings

[NAP-3SOSLEEVE:](#) Sleeve Shade for Housings

[NAP-TLMR-3S:](#) Trimless Mud Plate

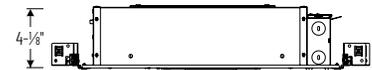
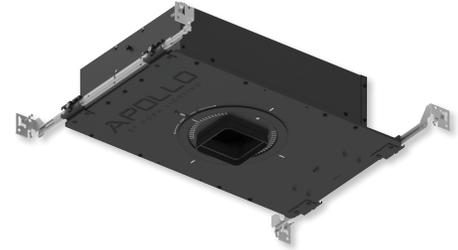
### LABELS AND LISTINGS

- cULus Listed for Damp Locations (Wet Locations when used with Clear Lens)
- [5-Year Limited Warranty](#)
- RoHS & FCC compliant
- Certified to the requirements of CA Title 24 JA8-2022
- Meets or exceeds ASTM-283 Air-Tight requirements

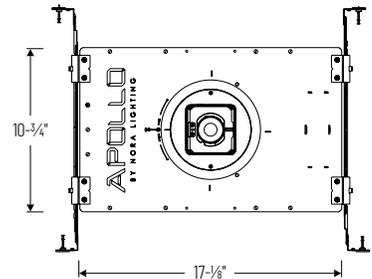


## APOLLO

### PRODUCT IMAGES AND DIMENSIONS



Ceiling Cut-Out:  
3-3/8" x 3-3/8"



ELECTRICAL	P	C	CO1	CAS	DAL	AWNR	LO1
<b>Input Voltage</b>	120V	120-277V		120/277V		120-277V	120/277V
<b>Compatible Wattages</b>	20W or 24W						
<b>Dimming</b>	Triac / ELV	0-10V		Casambi	DALI 2	Athena	EcoSystem
<b>Operating Temp.</b>	0°-30°C	0°-25°C		0°-30°C		0°-25°C	
<b>Power Factor</b>	≥0.90						

### 3" Apollo IC Air-Tight New Construction Housing with Fixed Spot Optics

Ceiling Thickness	Lumens / Wattage	CCT	Beam Spread	Input Voltage / Dimming
<b>NHAPNIC-3S05</b> = 0.5" to 0.875"	<b>L2</b> = 1000lm / 20W <sup>1</sup>	<b>27</b> = 2700K	<b>12D</b> = 12° Narrow Spot <sup>1</sup>	<b>P</b> = 120V; Phase (1%)
<b>NHAPNIC-3S10</b> = 0.875" to 1.25"	<b>L3</b> = 1500lm / 24W <sup>2</sup>	<b>30</b> = 3000K	<b>15D</b> = 15° Narrow Spot <sup>2</sup>	<b>C</b> = 120-277V; 0-10V (1%)
<b>NHAPNIC-3S15</b> = 1.25" to 1.625"		<b>35</b> = 3500K		<b>CO1</b> = 120-277V; 0-10V (0.1%)
<b>NHAPNIC-3S20</b> = 1.625" to 2"		<b>40</b> = 4000K		<b>CAS</b> = 120/277V; Casambi (1%)
				<b>DAL</b> = 120-277V; DALI-2 (1%)
				<b>AWNR</b> = 120-277V; Lutron Athena (1%)
				<b>LO1</b> = 120/277V; Lutron EcoSystem (0.1%)

**Notes:**

<sup>1</sup> Fixed 12° optic only available with 1000lm (L2)

<sup>2</sup> Fixed 15° optic only available with 1500lm (L3)

### Accessories

Description
<b>NAPC-3S05</b> = Ceiling Extension Collar (0.5" to 0.875")
<b>NAPC-3S10</b> = Ceiling Extension Collar (0.875" to 1.25")
<b>NAPC-3S15</b> = Ceiling Extension Collar (1.25" to 1.625")
<b>NAPC-3S20</b> = Ceiling Extension Collar (1.625" to 2")
<b>NAP-TLMR-3S</b> = Square Trimless Mud Plate
<b>NAP-3SOSLEEVE</b> = Square Sleeve Shade for Housing Components

### 3" Apollo Square Trims

Ceiling Type	Trim Type	Finish	Optional Lens
<b>NAPF-3S</b> = Flanged	<b>DN</b> = Downlight	<b>B</b> = Black	<b>(blank)</b> = No Lens
<b>NAPT-3S</b> = Trimless & Wood Ceiling	<b>PH</b> = Pinhole	<b>BZ</b> = Bronze	<b>/CL</b> = Clear Lens (Wet Location)
	<b>WW</b> = Wall Wash	<b>HZ</b> = Haze <sup>2</sup>	
		<b>HZMPW</b> = Haze / Matte Powder White <sup>2</sup>	
		<b>MPW</b> = Matte Powder White	
		<b>WD</b> = Wheat Diffused	

**Notes:**

<sup>2</sup> HZ & HZMPW available with downlight (DN) only

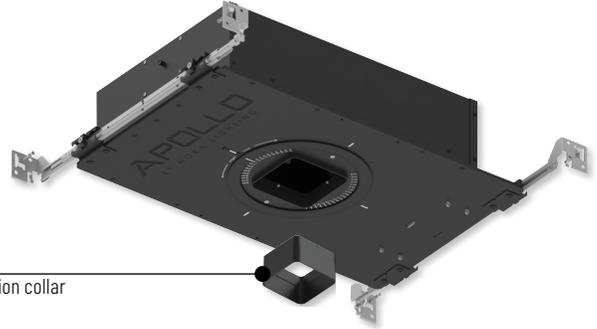
Example: **NHAPIC-3S05L33015DP / NAPF-3SDNMPW** = 3" Apollo Square IC Air-Tight New Construction Housing, 1500lm / 24W, 3000K, 15° Spot Optic, 120V input; Phase dimming / 3" Flanged Downlight, Matte Powder White

# NHAPNIC-3S Accessories

3" Apollo Square IC Air-Tight New Construction Housing with Fixed Spot Optic

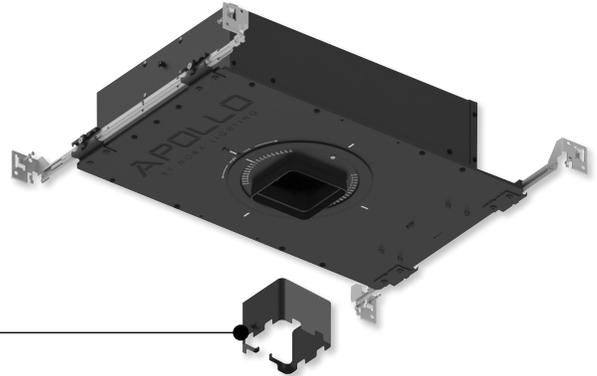
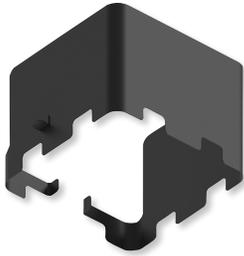
Type \_\_\_\_\_  
Project \_\_\_\_\_  
Catalog No. \_\_\_\_\_  
Notes \_\_\_\_\_

- NAPC-3S05** 0.5" to 0.875" Ceiling Extension Collar
- NAPC-3S10** 0.875" to 1.25" Ceiling Extension Collar
- NAPC-3S15** 1.25" to 1.625" Ceiling Extension Collar
- NAPC-3S20** 1.625" to 2" Ceiling Extension Collar



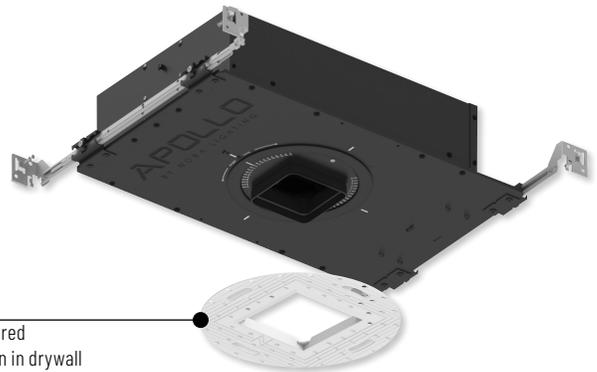
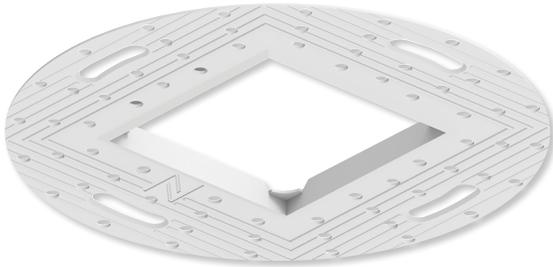
Field changeable extension collar

**NAP-3SQSLEEVE** Square sleeve shade to shield housing components



Sleeve shade covers housing components

**NAP-TLMR-3S** Square trimless mud plate for installation in gypsum with plaster.



Trimless mud plate required for flangeless installation in drywall