PATLITE® Signal Devices

56mm Industrial Signal Beacon Monocolor
NE-A Series

NE-24A-G

Overview

NE-A series monocolor beacons are offered in five different LED colors (Red, Amber, Green, Blue, and White). The reflector is designed to distribute light for clear, unambiguous indication.

Features

• Choose from 5 LED color options (Red, Amber, Green, Blue, and White)
• Newly developed reflector emits evenly distributed light, for clear, unambiguous indication
• High protection rating for operation in harsh environments
• Gasket included

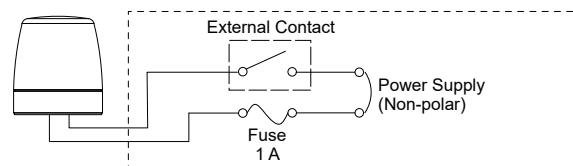### 56mm Industrial Signal Beacon Monocolor NE-A Series Selection Chart

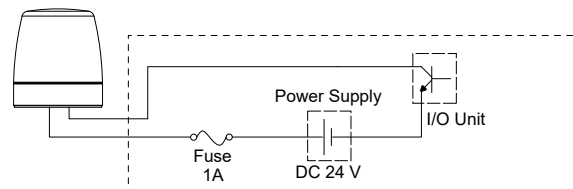| Part Number	Price	LED Color	Type	Light Function	Voltage	Drawing Link	Connection
NE-24A-R	$33.00	Red	Industrial signal beacon	Continuous	24VDC ± 10%	PDF	Screwless terminal block
NE-24A-Y	$33.00	Amber				PDF	
NE-24A-G	$33.00	Green				PDF	
NE-24A-B	$33.00	Blue				PDF	
NE-24A-C	$33.00	White				PDF	

Wiring Diagrams

Wiring examples vary depending on the driving method.
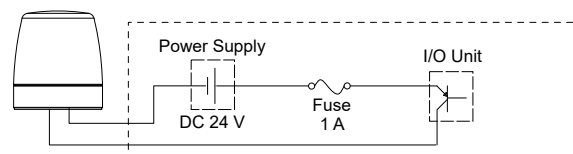
(A) External Contact Drive

(B) I/O Unit Drive
(NPN Transistor)

(C) I/O Unit Drive
(PNP Transistor)

[Fuse]

Fuse Rating	250 V 1 A

[External Contact Capacity]

Current Capacity	Is ≥ 50 mA
Voltage Capacity	Vs ≥ 35 V

[Transistor (NPN or PNP)]

Current Capacity	Ic ≥ 50 mA
Withstand Voltage	Vc ≥ 35 V
Leakage Current	IL ≤ 0.1 mA

＊No significant inrush current present

PATLITE® Signal Devices

56mm Industrial Signal Beacon Monocolor
NE-A Series

Specifications

56mm Industrial Signal Beacon Monocolor NE-A Series Technical Specifications		
Rated Voltage		24VDC
Operating Voltage Range		24VDC ±10%
Rated Current Consumption	Typical	22mA
	Max	26mA
Rated Power Consumption	Typical	0.6 W
	Max	0.7 W
Temperature Range	Operating	-30 to 50°C [-22 to 122°F]
	Storage	-40 to 75°C [-40 to 167°F]
Humidity Range	Operating	Less than 90% (no condensation)
	Storage	
Mounting		Indoor, any direction
Insulation Resistance		More than 5MΩ at 500VDC between live part and non-current carrying metallic part
Withstand Voltage		500VAC applied for 1 min between live part and non-current carrying metallic part without breaking insulation
Wire Size		Solid wire 0.2 mm^2- 1.5mm^2, Stranded wire 24–16 AWG
Protection Rating		IP65, NEMA 4X,13
Weight g [oz]		60 [2.11] ± 10%
Housing Material		Polycarbonate
Agency Approval		UL 508, UR File: E215660, CSA-C22.2 No. 15

To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.

PATLITE® Signal Devices

56mm Visual-Audible and Industrial Signal Beacon Accessories
NE-A and NE-IL Series

Part Number	Price	Description	Weight g [oz]	Drawing Link
56mm Beacon Accessories NE-A and NE-IL Series				
NE-002D	$12.00	Patlite mounting bracket, wall mount, 56mm diameter, 82mm height, dark gray, polycarbonate. For use with Patlite NE-A and NE-IL series beacons.	34 [1.19]	PDF
NE-001D	$18.50	Patlite tube adapter, tube mount, 56mm diameter, black, polycarbonate. For use with Patlite NE-A and NE-IL series beacons.	31 [1.09]	PDF
SZP-092D	$6.50	Patlite tube adapter, tube mount, 1/2in NPT thread type, 56mm diameter, black, polycarbonate. For use with Patlite NE-A and NE-IL series beacons.	23 [0.81]	PDF
GA0000119-F1	$10.00	Patlite O-ring, silicone. For use with Patlite NE-A and NE-IL series beacons.	45.35 [1.5]	N/A
POLE-100A21	$25.50	Patlite mounting pole, 22mm diameter, 100mm length, silver, aluminum. For use with Patlite NE-A and NE-IL series beacons.	29 [1.02]	PDF
POLE-300A21	$28.50	Patlite mounting pole, 22mm diameter, 300mm length, silver, aluminum. For use with Patlite NE-A and NE-IL series beacons.	86 [3.03]	PDF
POLE-800A21	$35.50	Patlite mounting pole, 22mm diameter, 800mm length, silver, aluminum. For use with Patlite NE-A and NE-IL series beacons.	228 [8.04]	PDF
SZ-010	$25.50	Patlite mounting bracket, flange mount, 100mm diameter, 65mm height, silver, aluminum. For use with Patlite NE-A and NE-IL series beacons.	122 [4.30]	PDF
SZ-016A	$28.50	Patlite mounting bracket, flange mount, 68mm diameter, 45mm height, silver, aluminum. For use with Patlite NE-A and NE-IL series beacons.	96 [3.38]	PDF

NE-002D   **NE-001D**   **SZP-092D**   **GA0000119-F1**

POLE-100A21   **SZ-010**   **SZ-016A**