### **PATLITE**<sub>®</sub> Signal Devices

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

#### **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



NE-24A-G



56mm Industrial Signal Beacon Monocolor NE-A Series Selection Chart							
Part Number	Price	LED Color	Туре	Light Function	Voltage	Drawing Link	Connection
<u>NE-24A-R</u>	\$33.00	Red	Industrial signal beacon	Continuous	24VDC ± 10%	<u>PDF</u>	Screwless terminal block
<u>NE-24A-Y</u>	\$33.00	Amber				PDF	
<u>NE-24A-G</u>	\$33.00	Green				PDF	
<u>NE-24A-B</u>	\$33.00	Blue				PDF	
<u>NE-24A-C</u>	\$33.00	White				PDF	

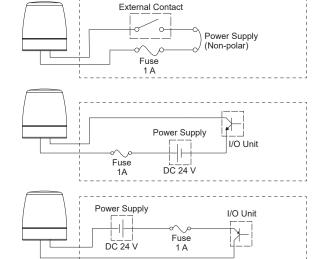
### **Wiring Diagrams**

Wiring examples vary depending on the driving method.



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

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



[ Fuse ]

Fuse Rating 250 V 1 A

[ External Contact Capacity ]

<b>Current Capacity</b>	ls ≥ 50 mA
Voltage Capacity	Vs ≥ 35 V

[ Transistor (NPN or PNP) ]

<b>Current Capacity</b>	lc ≥ 50 mA
Withstand Voltage	Vc ≥ 35 V
Leakage Current	IL ≤ 0.1 mA

<sup>\*</sup>No significant inrush current present



# 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%		
Batad Commant Communication	Typical	22mA		
Rated Current Consumption	Max	26mA		
Botod Bower Consumption	Typical	0.6 W		
Rated Power Consumption	Max	0.7 W		
Temperature Range	Operating	-30 to 50°C [-22 to 122°F]		
Temperature Range	Storage	-40 to 75°C [-40 to 167°F]		
Humidity Range	Operating	Less than 90% (no condensation)		
Humany Range	Storage	Less than 90% (no condensation)		
Mounting		Indoor, any direction		
Insulation Resistance		More than $5M\Omega$ at $500\text{VDC}$ 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 <sup>2</sup> -1.5mm <sup>2</sup> , 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.

www.automationdirect.com Pilot Devices tPIL-282

## **PATLITE**<sub>®</sub> Signal Devices

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

56mm Beacon Accessories NE-A and NE-IL Series					
Part Number	Price	Description	Weight g [oz]	Drawing Link	
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]	<u>PDF</u>	
<u>NE-001D</u>	\$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]	<u>PDF</u>	
<u>SZP-092D</u>	\$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]	<u>PDF</u>	
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]	<u>PDF</u>	
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]	<u>PDF</u>	
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]	<u>PDF</u>	
<u>SZ-010</u>	\$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]	<u>PDF</u>	
<u>SZ-016A</u>	\$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]	<u>PDF</u>	















POLE-100A21

**SZ-010** 

**SZ-016A**