

# PATLITE® 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**

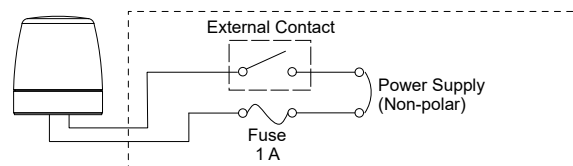


56mm Industrial Signal Beacon Monocolor NE-A Series Selection Chart							
Part Number	Price	LED Color	Type	Light Function	Voltage	Drawing Link	Connection
<a href="#">NE-24A-R</a>	\$33.00	Red	Industrial signal beacon	Continuous	24VDC ± 10%	<a href="#">PDF</a>	Screwless terminal block
<a href="#">NE-24A-Y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

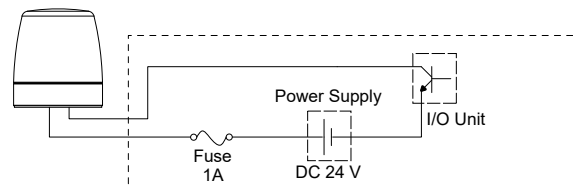
### Wiring Diagrams

Wiring examples vary depending on the driving method.

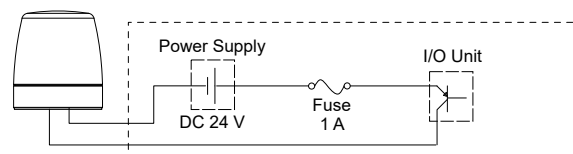
(A) External Contact Drive



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



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



#### [ Fuse ]

Fuse Rating	250 V 1 A
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#### [ External Contact Capacity ]

Current Capacity	$I_s \geq 50 \text{ mA}$
Voltage Capacity	$V_s \geq 35 \text{ V}$

#### [ Transistor (NPN or PNP) ]

Current Capacity	$I_c \geq 50 \text{ mA}$
Withstand Voltage	$V_c \geq 35 \text{ V}$
Leakage Current	$I_L \leq 0.1 \text{ mA}$

\*No significant inrush current present

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### Specifications

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

56mm Beacon Accessories NE-A and NE-IL Series				
Part Number	Price	Description	Weight g [oz]	Drawing Link
<a href="#"><u>NE-002D</u></a>	\$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]	<a href="#"><u>PDF</u></a>
<a href="#"><u>NE-001D</u></a>	\$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]	<a href="#"><u>PDF</u></a>
<a href="#"><u>SZP-092D</u></a>	\$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]	<a href="#"><u>PDF</u></a>
<a href="#"><u>GA0000119-F1</u></a>	\$10.00	Patlite O-ring, silicone. For use with Patlite NE-A and NE-IL series beacons.	45.35 [1.5]	N/A
<a href="#"><u>POLE-100A21</u></a>	\$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]	<a href="#"><u>PDF</u></a>
<a href="#"><u>POLE-300A21</u></a>	\$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]	<a href="#"><u>PDF</u></a>
<a href="#"><u>POLE-800A21</u></a>	\$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]	<a href="#"><u>PDF</u></a>
<a href="#"><u>SZ-010</u></a>	\$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]	<a href="#"><u>PDF</u></a>
<a href="#"><u>SZ-016A</u></a>	\$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]	<a href="#"><u>PDF</u></a>

[NE-002D](#)[NE-001D](#)[SZP-092D](#)[GA0000119-F1](#)[POLE-100A21](#)[SZ-010](#)[SZ-016A](#)