



# HOUSING DEVICES, INC.

## HDI-ARA-C Series



HDI-ARA-C1 & C1B\*



HDI-ARA-C4 & C4B\*

### PRODUCT OVERVIEW

The HDI-ARA-C1 & C4 edge-lit Exit features a clean, cylindrical design. When paired with die-cast canopy, the HDI-ARA-C1 & C4 provides a fresh approach to the traditional exit sign. The "quick slide" canopy allows in-field adjustment from wall mount to ceiling mount. Utilizing direct, high-output, high efficiency LED's, the HDI-ARA-C1 & C4 illuminates with a crisp and even light distribution. The HDI-ARA-C1 & C4 can be wall, ceiling or end mounted. Wall and ceiling are field adjustable, end mount configuration must be specified. The HDI-ARA-C1 & C4 is available in AC only and Self-powered variations. Field adjustable chevrons are standard.

### INTERNAL SPECIFICATIONS

**AC ONLY:** comes standard configured with high-output LED technology, 120/277VAC input. HDI-ARA-C1 & C4

**SELF-POWERED:** comes standard configured with high-output LED technology, 120/277VAC input. Nickel-cadmium batteries provide a minimum 90 minutes of emergency duration. Solid state charger & transfer. HDI-ARA-C1B & C4B

### EXTERNAL SPECIFICATIONS

The HDI-ARA-C1 & C4 series cylindrical housing is constructed as a single piece from extruded aluminum. The canopy is made from durable die-cast aluminum and the end caps from machined aluminum. The high clarity acrylic face plate is available in both single face or double face versions, with a clear, white, mirrored or self-luminous background (please specify). Field adjustable chevrons are standard. White, baked powder coat finish is standard on all versions. Available in custom colors and finishes (please specify). External LED monitor light and test switch are standard on self-powered versions.

### INSTALLATION

The HDI-ARA-C1 & C4 is suitable for surface ceiling, wall and end mounting. Suitable for indoor installations.

### MODERN DESIGN

The HDI-ARA-C1 & C4 series of cylindrical designed edge-lit exit signs feature a radical, high-tech look. The design lends cutting edge technology and style to today's modern interior exit sign applications. The one-piece cylindrical body is extremely rigid and holds all of the LED circuitry in precision formed mounting channels. The indirect LED illumination provided by this design evenly lights the acrylic face with crisp, even light. The clear area of the ultra thin face plate virtually disappears once installed. The choice of clear, white, mirrored or self-luminous backgrounds allow the HDI-ARA-C1 & C4 series to be best matched to the decor. A wide variety of finishes and mounting configurations available will ensure that the HDI-ARA-C1 & C4 can be suited to your installation.

### ELECTRICAL SPECIFICATIONS

The HDI-ARA-C1 & C4 series is configured with high-output LED lamps. Standard with 120/277VAC input. All LED versions consume only 1.1W nominal power. Optional emergency illumination is provided by the LED light source at the following wattages:  
6VDC - 0.5 Watts • 12VDC - 1.5 Watts • 24VDC - 3.5 Watts

### \*SELF-POWERED VERSIONS

The HDI-ARA-C1B & C4B self-powered series is designed to operate on battery power in the event of a regular / mains power failure. Both the battery and charger are completely contained within the standard enclosure. There are no external components and no alterations made to the external dimensions of the standard sign. The HDI-ARA-C1 & C4 self-powered series utilize a solid state transformer technology that eliminates the possibility of relay failure due to particle build up on the relay. Status is easily determined via an LED that indicates AC-ON. A push button test switch allows maintenance personnel to quickly confirm the operational status of the exit on AC fail

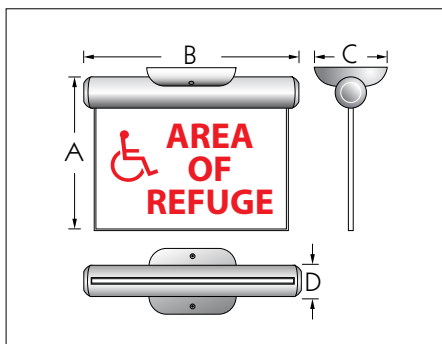
### BATTERY TECHNOLOGY

The HDI-ARA-C1B & C4B is designed with a maintenance free, Nickel-Cadmium battery providing a minimum emergency duration of 90 minutes. Recharge time of the battery is twenty-four (24) hours. The maximum battery working temperature is 50° C.

### WARRANTY

The HDI-ARA-C1 & C4 Series comes with a 1-year factory warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty.

### DIMENSIONS (in.)



Series	A"	B"	C"	D"
CYC	9"	12.5"	"	2"

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