

## PRODUCT OVERVIEW

The BBY-C series combination exit & emergency unit is the newest evolution in affordable thermoplastic emergency luminaires. The BBY-C series offers a new level of design and technology. The injection molded thermoplastic housing is corrosion and flame resistant and features an innovative snap together design allowing fast and easy installation. The BBY-C features high-output LEDs that evenly illuminate the exit. The top mounted emergency unit incorporates 5W halogen MR-16 lamps that are fully adjustable and lockable. The BBY-C comes standard finished in white.

## EXTERNAL SPECIFICATIONS

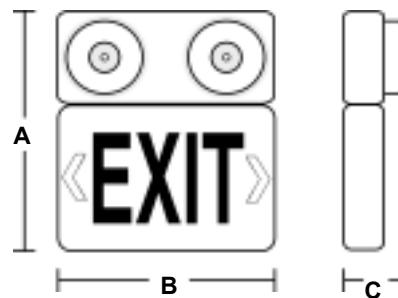
The BBY-C series is constructed from high quality corrosion and flame resistant thermoplastic. White finish is standard. The BBY combination series features a low profile exit and a top mounted emergency light. The exit sign has field adjustable chevrons and snap together face panels. The top mounted emergency unit features semi-recessed MR-16 lighting heads that are positioned in 360° gimbal style assemblies. Universal mounting bracket for wall or ceiling installations. External test switch and monitor LED are standard.

## INTERNAL SPECIFICATIONS

**SELF-POWERED:** standard 120/277VAC input, self-powered versions use a maintenance-free 6V 4.5Ah sealed lead acid battery that provides a minimum 90 minutes of emergency duration. Solid state charger and transfer.



## DIMENSIONS (in.)



Series	A"	B"	C"
BBY-C	14.2"	12.2"	4.2"

## ORDERING INFORMATION

Series	LED	Face No.	Housing
BBY-C	LR (red) LG (green)	U (universal)	W (white)

EXAMPLE: BBY-C-LR-U-W  
DESCRIPTION: BBY, thermoplastic combination unit, red LED, universal face, white finish.



# BBY-C Technical Data

## HOUSING

The BBY-C series utilizes a corrosion and flame resistant injection molded thermoplastic housing and mounting bracket. The innovative snap together design allows fast and effortless installation. The BBY-C series is ideal for use in areas where materials such as steel and aluminum may deteriorate. The universal mounting pattern allows wall or ceiling installations.

## ELECTRICAL SPECIFICATIONS

The BBY-C series combination luminaires are configured for standard operation 120/277VAC dual voltage input with current limit protection. Minimum 90 minutes emergency duration. Twenty-four (24) hour recharge time.

## BATTERY TECHNOLOGY

The BBY-C series is supplied with a sealed, maintenance-free, valve regulated 6V 4.5Ah lead calcium battery that provides a minimum emergency duration of 90 minutes (for the listed rating). Recharge time of the battery is twenty-four (24) hours. The maximum working temperature is 50°C.

## SELF-POWERED VERSIONS

The BBY-C 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 BBY-C 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.

## INSTALLATION

The BBY-C series combination unit is suitable for surface ceiling, wall and pendant mounting. Suitable for indoor installations on normally inflammable surfaces.

## MECHANICAL SPECIFICATIONS

The BBY-C series is constructed of durable corrosion and flame resistant thermoplastic. Field removeable directional chevron arrows are standard. The BBY-C series can be universally mounted single or double face. Canopy and mounting hardware are included. High-output LED technology provides energy savings, long life and even illumination levels. Top mounted emergency heads rotate 360°, providing accurate emergency illumination. 120/277VAC input, maintenance free sealed lead calcium battery is protected by an electronic cut-off circuit that prevents overdischarge. External test switch and monitor LED are standard.

## LAMP HEAD FEATURES

The BBY-C series is supplied with two (2) semi-recessed, front mounted 5W MR-16 lamps. Lamp heads are mounted within a 360° gimbal style assembly, which allows correct and accurate beam positioning.

## MR-16 TECHNOLOGY

The BBY-C series luminaire benefits from the use of MR-16 lamp technology. Offering superior light output, compact design, high efficiency and architectural appeal, the MR-16 lamps are an intelligent light choice. The BBY-C series comes standard with 2x5W halogen MR-16 lamps.

## WARRANTY

The BBY-C series comes from the factory with an unconditional 5 year product warranty. Lamps are not covered.