



### 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 LED's that evenly illuminate the exit. The top mounted emergency unit incorporates 5W halogen MR-16 lamps that are fully adjustable. The **BBY-C** comes standard finished in white.

### 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.

### 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.

### INSTALLATION

The **BBY-C** series combination unit is suitable for surface ceiling, wall and end mounting. Suitable for indoor and damp location installations.

### ORDERING INFORMATION

| Series | LED                    | Face/Mounting | Housing   |
|--------|------------------------|---------------|-----------|
| BBY-C  | LR (red)<br>LG (green) | U (universal) | W (White) |

### BBY-C BUILDER

| Series | LED | Face/Mounting | Housing |
|--------|-----|---------------|---------|
|        |     |               |         |

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

|             |              |
|-------------|--------------|
| <b>JOB:</b> | <b>TYPE:</b> |
|-------------|--------------|

**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, ceiling or end 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. Recharge time of the battery is twenty-four (24) hours. The maximum working temperature is 50° C

**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, provide 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

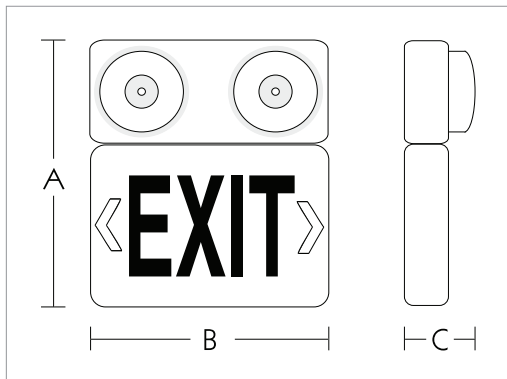
**LAMP HEAD FEATURES**

The **BBY-C** series is supplied with two (2) semi-recessed, front mounted 5W MR-16 lamps. Lamp heads are mounted within a 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.

**DIMENSIONS (in.)**



| Series | A"    | B"    | C"   | D"   |
|--------|-------|-------|------|------|
| BBY-C  | 14.2" | 12.2" | 4.2" | 5.5" |

**WARRANTY**

The **BBY-C** Series comes with a 5-year factory warranty. Lamps are not covered under the warranty. Deliberate damage, misuse, or improper installation effectively cancel the warranty.