

# RETROMASTER™ LED SERIES LUMINAIRES

FOR USE WITH SELECT V-51, V SERIES, STYLMASTER, AND STYLMASTER-C SERIES INCANDESCENT AND MERCMASTER JR. HPS MOUNTING HOODS

## FOR RETROFITTING

- Enclosed and gasketed retrofit fixture — for retrofitting:
  - 60 to 300W
    - V-51™ incandescent Luminaires
    - Stylmaster™ incandescent Luminaires
    - Stylmaster-C incandescent Luminaires - Canadian
  - 60 to 150W
    - V incandescent Luminaires - Canadian
    - Killark™ ⚡ V Series incandescent Fixtures
  - 50 to 150W
    - Mercmaster™ Jr. High Pressure Sodium (HPS) Luminaires

## FEATURES

- Compact, lightweight design to easily retrofit legacy lighting installations
- Retrofit to LED in less than a minute
- Two light outputs provide up to 5000 lumens:

| Nominal Lumens ② | Incandescent Equivalent | Model                        |
|------------------|-------------------------|------------------------------|
| 1000 or 2000     | 60-150W                 | RETROLEDV1BU<br>RETROLEDS1BU |
| 3500 or 5000     | 150-300W                | RETROLEDV5BU<br>RETROLEDS5BU |

- 7W to 38W LED replaces 60 to 300 Watt incandescent
- Color temperature (CCT): 5000K cool white (70 CRI min)
- Mounts to the following legacy mounting hoods:
  - Appleton incandescent
    - V-51 (NEC), V Series (low wattage offering in the V/VH Series) (NEC/CEC), Stylmaster (NEC/CEC), Stylmaster-C (CEC)
  - Appleton High Pressure Sodium (HPS)
    - Mercmaster Jr. (NEC)
  - Killark™ ⚡ incandescent (low wattage offering)
    - V Series (NEC/CEC)
- Lightweight 0.82 to 2.27 (1.8 to 5.0 lbs)
- Ambient Temperature: -40 °C to +40 °C (-40 °F to +104 °F)
- Universal voltage: 120-277 Vac, 50/60 Hz
- Standard 6 kV surge suppression

- LED L70 reported at 60,000 hours
- Photometric data and electronic drawings available upon request

## WARRANTY ④

- 5 year standard warranty

## TYPICAL APPLICATIONS

- Stairwells
- Elevator pits
- Eye wash and first aid stations
- Emergency call stations
- Exits, doorway lighting
- Underground tunnels
- Outdoor walkways
- Docks
- Class I, Division 2 area where extra light is required

## LUMINAIRE MATERIALS

- Fixture housing: cast copperfree (4/10 of 1% max.) aluminum
- Gaskets: silicone rubber
- All hardware and catch assemblies: stainless steel
- Globe: polycarbonate
- Globe guard: stainless steel

## LUMINAIRE FINISHES

- Fixture housing: gray epoxy powder coat finish, electrostatically applied for complete uniform protection

## ACCESSORIES (PURCHASE SEPARATELY)

- All models;
  - Globe guard available
  - Colored polycarbonate globes available

## NEC/CEC LISTINGS ③

- Appleton V-51 Series incandescent | NEC: Class I, Division 2, Groups A, B, C, D | Wet Locations
- Appleton V Series incandescent | NEC/CEC: Class I, Division 2, Groups A, B, C, D | Class II, Division 1, Groups E, F, G | Class III | Type 4X | Wet Locations
- Appleton Stylmaster Series incandescent | NEC/CEC: Class I, Division 2, Groups A, B, C, D | Type 4X | Wet Locations



RETROLEDV1BU



RETROLEDS1BU



RETROLEDV5BU



RETROLEDS5BU

- Appleton Stylmaster-C Series incandescent | CEC: Class I, Division 2, Groups A, B, C, D | Class II, Division 1, Groups E, F, G | Class III | Type 4X | Wet Locations
- Appleton Mercmaster Jr. High Pressure Sodium | NEC: Class I, Division 2, Groups A, B, C, D | Class II, Division 1, Groups E, F, G
- Killark™ ⚡ V Series incandescent | NEC/CEC: Class I, Division 2, Groups A, B, C, D | Class I, Zone 2, Groups IIC, IIB, IIA | Type 3 | Wet Locations

① Mounting hood retrofit certification is based on each separate legacy lighting series.

② Detailed lumen information is provided in the catalog pages in the "Lumen Output (Efficacy)" table.

③ Refer to catalog pages for detailed certification information.

④ Class II, Division 1 with pendant mount only.

⚡ Killark is a registered trademark of Hubbell incorporated.

④ For warranty details go to [www.appleton.emerson.com](http://www.appleton.emerson.com).

## PRODUCT SPECIFICATIONS

| Series * Lumen Output         | RETROLEDV1                           | RETROLEDS1 | RETROLEDV5   | RETROLEDS5 |
|-------------------------------|--------------------------------------|------------|--------------|------------|
| Nominal Wattage (W, @120 V) ① | 7 or 16                              | 7 or 16    | 28 or 38     | 28 or 38   |
| Nominal Lumen Output ①        | 1000 or 2000                         |            | 3500 or 5000 |            |
| Efficacy ①                    | 141 or 128                           |            | 128 or 132   |            |
| Color Temperature (CCT) (K)   | 5000                                 |            |              |            |
| Color Rendering index (CRI)   | ≥70                                  |            |              |            |
| Voltage                       | 120-277 Vac, 50/60 Hz                |            |              |            |
| Surge Protection              | 6 kV                                 |            |              |            |
| L70 Lifetime (hrs, reported)  | 60,000 hours                         |            |              |            |
| Ambient Temperature           | -40 °C to +40 °C (-40 °F to +104 °F) |            |              |            |
| Fixture Weight - kg (lbs)     | 0.82 (1.8)                           | 1.50 (3.3) | 1.09 (2.4)   | 2.00 (4.4) |

① Fixtures offer dual lumen outputs that are selectable by the user. Refer to catalog pages for detailed performance.

**APPLETON™**

For product information:  
[www.masteringled.com](http://www.masteringled.com)  
 1.800.621.1506

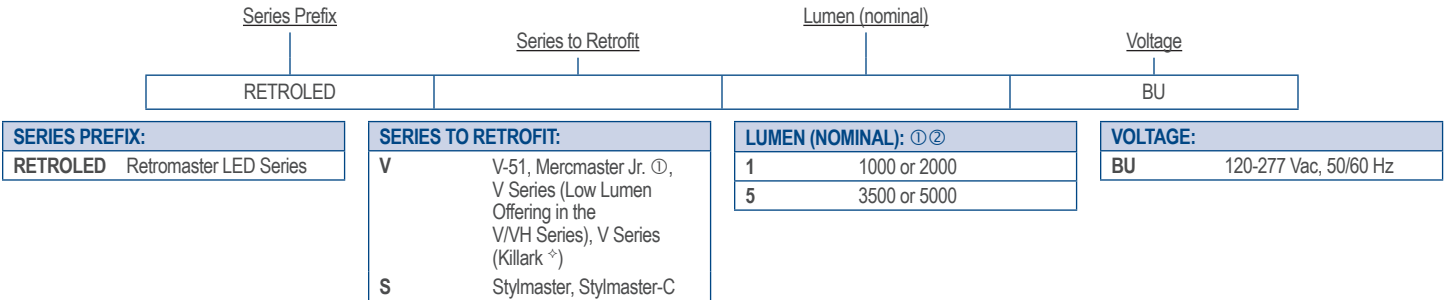
  
**EMERSON™**

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FOR USE WITH SELECT V-51, V SERIES, STYLMASTER, AND STYLMASTER-C SERIES INCANDESCENT AND MERCMASTER JR. HPS MOUNTING HOODS

|                     |             |                |
|---------------------|-------------|----------------|
| Project Information |             | Specifications |
| Part Number: _____  | Date: _____ | _____          |
| Project: _____      | _____       | _____          |
| Fixture Type: _____ | _____       | _____          |

## CATALOG NUMBERING GUIDE



① Retrofit of the Mercmaster Jr. Series HID to the Retromaster LED Series Luminaires requires the use (purchase separately) of the VAD1M (for RETROLEDV1BU) or the VAD2M (for RETROLEDV5BU) adapter/socket.  
 ② Fixtures offer dual lumen outputs that are selectable by the user. Refer to catalog pages for detailed performance.  
 ✦ Killark is a registered trademark of Hubbell incorporated.

## DIMENSIONAL DRAWINGS | MILLIMETERS (INCHES)

