

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 ①:
 - 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 RETROLEDV5BU
3500 or 5000	150-300W	RETROLEDV1BU RETROLEDV5BU

- 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™ V Series 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

- 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 ④ | Class III | Type 3R | Wet Locations
- Appleton Stylmaster Series Incandescent | NEC/CEC: Class I, Division 2, Groups A, B, C, D | Type 4X | Wet Locations
- 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



RETROLEDV1BU



RETROLEDV5BU



RETROLEDS1BU



RETROLEDS5BU

- 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.

PRODUCT SPECIFICATIONS

Series * Lumen Output	RETROLEDV1	RETROLEDV5	RETROLEDS1	RETROLEDS5
Nominal Wattage (W, @120 V) ①	7 or 16	28 or 38	7 or 16	28 or 38
Nominal Lumen Output ①	1000 or 2000	3500 or 5000	1000 or 2000	3500 or 5000
Efficacy ①	141 or 128	128 or 132	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
1.800.621.1506

EMERSON™

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

CATALOG NUMBERING GUIDE



SERIES PREFIX: RETROLED Retromaster LED Series	SERIES TO RETROFIT: V V-51, Mercmaster Jr. ①, V Series (Low Lumen Offering in the V/VH Series), V Series (Killark ™) S Stylmaster, Stylmaster-C	LUMEN (NOMINAL): ①② 1 1000 or 2000 5 3500 or 5000	VOLTAGE: BU 120-277 Vac, 50/60 Hz
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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.

DIMENSIONAL DRAWINGS | MILLIMETERS (INCHES)

