

# Viamaster™ LED Series Luminaires

## For NEC and CEC Governed Hazardous Locations

**NEC/CEC:**  
Class I, Division 2, Groups A, B, C, D  
Class I, Zone 2, Group IIC  
Class II, Division 2, Groups F, G  
Class III  
Type 3R, 4, 4X

**NEC/CEC:**  
Marine Outside Type- For USA Only ⌘  
IP66/IP67

### Applications

- For use in locations where:
  - Flammable gases, vapors and dusts are present
  - A high degree of corrosion resistance is required
  - Protection against dirt, water and moisture is necessary
- Typical applications include:
  - Oil refineries
  - Petrochemical facilities
  - Pulp and paper mills
  - Food processing plants
  - Waste and sewer treatment
  - Underground tunnels
  - General manufacturing facilities



### Features

- 60,000+ hour LED life for years of maintenance free operation.
- Lightweight design, hinged cover with captive screws, and terminal block wiring for easy installation and maintenance.
- Standard screw-type terminal block can accept UL/CSA 26 to 10 AWG wire.
- Contemporary, low profile design suitable for tight spaces.
- Field replaceable LED driver and lens.
- Industry-leading thermal management for safe, reliable operation over wide temperature range.
- Full range of lumen outputs, with light distribution equivalent to Appleton's FV Series fluorescent fixtures
- Easy to retrofit in same mounting footprint as Appleton's FV Series fluorescent fixtures.
- 2 opposing 3/4" NPT hubs with adjacent terminal blocks for thru wiring. (1) 3/4" NPT close up plug provided.

### Options

- Universal, high efficiency, drivers cover voltage requirements for 120-277 Vac and 347-480 Vac, 50/60 Hz +/- 10%.
- Standard 2KV surge suppression.
- Safety cable for fall safe retention; add suffix **-C** to the end of the catalog number.
- Fusing is available;
  - Add suffix **-F** to the end of the catalog number. ⌘
- Diffused lens is available;
  - Add suffix **-D** to the end of the catalog number.
- For emergency battery backup refer to Viamaster LED Series Emergency Luminaires.

### Standard Materials

- Housing: copperfree (4/10 of 1% max.) aluminum
- Lens: thermal shock- and impact-resistant polycarbonate lens
- Gasket: silicone rubber, mechanically secured
- Bolts: stainless steel
- Close up plugs: nickel plated brass
  - Mounting hardware: See ordering information

### Standard Finishes

- Housing: gray polyester

### Related Products

- For ATEX/IECEX certified products, refer to Viamaster LED Series Luminaires for ATEX and IECEX Governed Locations

### NEC/CEC Certifications and Compliances

- UL Standard: UL 1598, UL 8750, UL 844, UL1598A, UL50E
- CSA Standards: C22.2 No. 250.0, C22.2 No. 137
- cCSAus Certified: 065182. cULus E10444
- Ambient Temperature:
  - LU: 120-277 Volts: -40 °C up to +65 °C (-40 °F up to +149 °F)
  - BH: 347-480 Volts: -40 °C up to +65 °C (-40 °F up to +149 °F)

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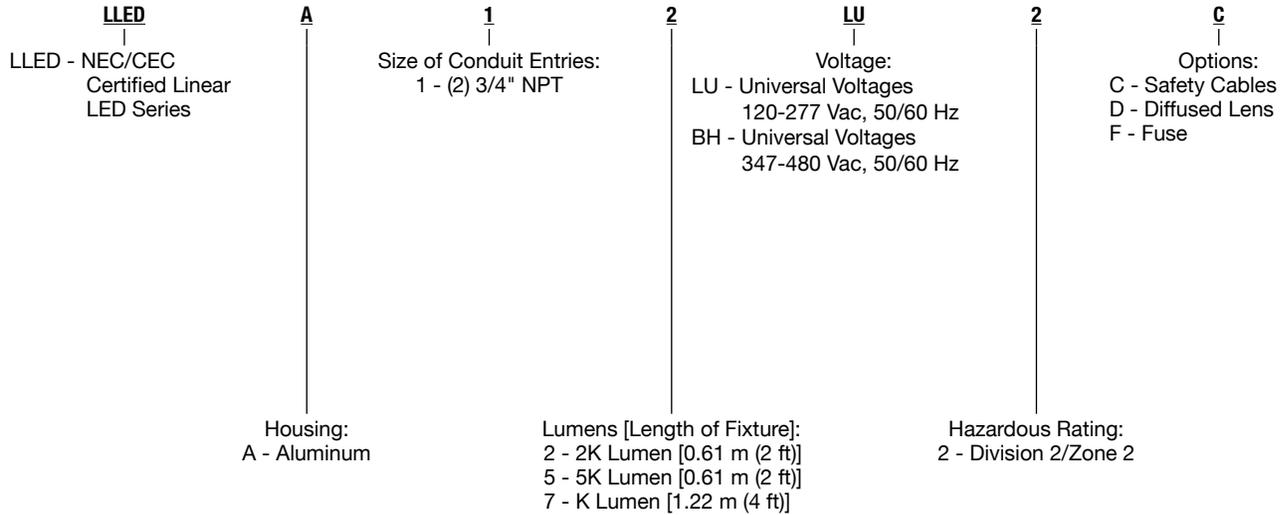
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**NEC/CEC:**  
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 IP66/IP67

Order using catalog numbering guides below or select catalog number from tables on following pages.

### Catalog Numbering Guide – NEC/CEC Certified Linear LED



### Lamp Comparison Chart

Catalog Number	Line Current Amps	Input Power	Power Factor	THD	Lumens			Color Temp CCT	Length m (ft)
					Clear Polycarbonate	Diffused Polycarbonate	CRI		
<b>NEC/CEC</b>									
LLEDA12LU2	.20@120V	22	>0.95	<20%	2200	1800	70	5650K	0.61 (2)
	.12@277V		>0.87						
LLEDA12BH2	.07@347V		>.95						
	.06@480V		>.77						
LLEDA15LU2	.37@120V	45	>.95	<20%	4400	3800	70	5650K	0.61 (2)
	.17@277V		>.95						
LLEDA15BH2	.14@347V		>.95						
	.10@480V		>.95						
LLEDA17LU2	.70@120V	81	>.95	<20%	7800	6400	70	5650K	1.22 (4)
	.31@277V		>.95						
LLEDA17BH2	.24@347V		>.95						
	.18@480V		>.95						

⌘ Fusing option not available with Marine Outside Type (Salt Water) rating. Fusing option not permitted for cUL.