1882 LIGHTING
A QSSI Company

HARSH & HAZARDOUS ENVIRONMENT

Lighting Solutions

BUY AMERICAN ACT COMPLIANT

1882 LIGHTING
A QSSI Company

QUICK SHIP

1882 Lighting Value Proposition

Your American Partner

With extensive inventory available 1882 Lighting can deliver the lighting products your customers need—when they need them. Our Quick Ship products are always in stock and ready for fast delivery.

6 USA Manufacturing Locations

- Wilmington, DE
- Tampa, FL
- Memphis, TN
- Walden, NY
- Cerritos, CA
- Vancouver, WA

Hazardous Lighting Guidelines

NEC/CEC Hazardous Location
1882 Lighting offers Hazardous Location fixtures for Class 1, Division 2 environments Groups A, B, C and D. These products have been tested and certified to UL 844 through ETL for electrical installations in North America that are governed by the National Electrical Code (NEC) and Canadian Electrical Code (CEC).

Hazardous Location Classification Definitions:
Class I: Gases
Areas in which flammable gases or vapors are present in the air, in sufficient quantities to ignite or explode.

Division 2:
Not Normally Present Areas in which ignitable concentrations of hazards are normally in closed containers or closed systems. Hazards may be present due to accidental rupture or breakdown of such containers or systems.

Class I: Gases

Group A - Acetylene
Group B - Hydrogen
Group C - Ethylene
Group D - Propane

CID2 HAZARDOUS LOCATION

Hazardous Lighting Guidelines

C1D2 Hazardous Lighting

Class I, Division 2 - Enclosed and Gasketed

- Sealed to prevent the hazardous atmosphere from entering the fixture's interior
- Internal components engineered to radiate less heat
- "T" ratings are measured on the inside so that if a hazard is accidentally released into the atmosphere and reaches inside the luminaire, it will not ignite assuming the luminaire's "T" rating is below that of the hazard

APPLICATIONS

- Oil & Gas processing and storage
- Refining and Petrochemical
- Painting and finishing
- Concrete processing plants
- Tunnel Lighting

Harsh Environment Lighting

Harsh Environment - Enclosed and Gasketed

- IP66 Sealed to prevent water and contaminants from entering the fixture's interior
- UL 1598 Wet Location listed
- Hose down rated for pressure washing in dirty environments
- Heavy die cast aluminum housings with polycarbonate lenses for long life and durability

APPLICATIONS

- Heavy industrial applications
- Steel mills, steel fabrication
- Vehicle maintenance, repair and car wash
- Ship building and oil rig fabrication

C1D2 Hazardous Lighting
VAP15 Series

C1D2 HAZARDOUS LOCATION

Hazardous Location LED Luminaire

64 Input Watts; 9,000 Lumens

Class 1, Division 2
Groups A, B, C, D
T4 Temperature Rating

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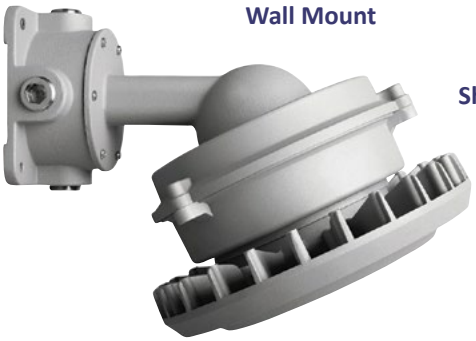
L70 25°C 183,000 Hours

Shown with 25° Wall Mount

Ceiling Mount

Suspended



Shown with 90° Wall Mount

Shown with 25° Stanchion Mount

Shown with 90° Stanchion Mount

Flood Shown with Adjustable Yoke

LEDicated
Designed **SPECIFICALLY** for LED

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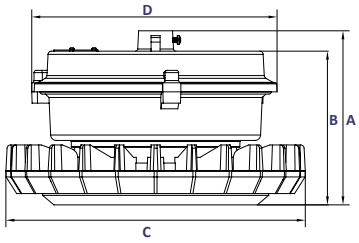
CID2 HAZARDOUS LOCATION



Dimensions	
Height 1 (A)	6″ (154mm)
Height 2 (B)	5¼″ (136mm)
Diameter 1 (C)	10½″ (265mm)
Diameter 2 (D)	8½″ (217mm)

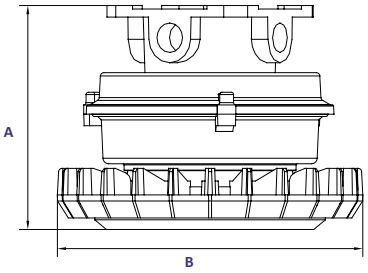
½" Hub

VAP15Q Hazardous Location LED Luminaire Pendant Mount

64 Input Watts; 9,000 Lumens

Order Information Example: VAP15QF57U5KCGPSP

VAP15Q	F	57	U		C	G	P	
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Lens**	**Color**	**Mount**	**Options**
VAP15Q= EasyLED Hazardous Location Luminaire	F=Wide	57=57w	U=120-277V	4K=4000K 5K=5000K	C=Clear Tempered Glass Lens	G=Gray	P=Pendant Mount (Conduit by Others)	SP=Surge Protection



Dimensions	
Height (A)	7¾″ (194mm)
Diameter (B)	10½″ (265mm)

¾" Entrance Plugs

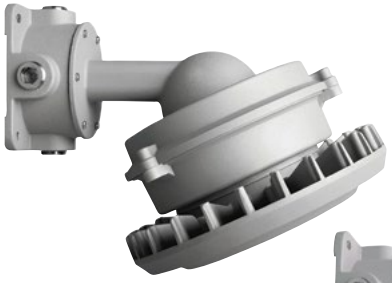
VAP15Q Hazardous Location LED Luminaire Ceiling Mount

64 Input Watts; 9,000 Lumens

Order Information Example: VAP15QF57U5KCGCMSP

VAP15Q	F	57	U		C	G	CM	
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Lens**	**Color**	**Mount**	**Options**
VAP15Q= EasyLED Hazardous Location Luminaire	F=Wide	57=57w	U=120-277V	4K=4000K 5K=5000K	C=Clear Tempered Glass Lens	G=Gray	CM=Ceiling Mount	SP=Surge Protection

C1D2 Hazardous Lighting

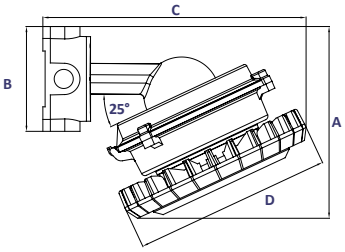


Shown with 25° Wall Mount

¾" Entrance Plugs

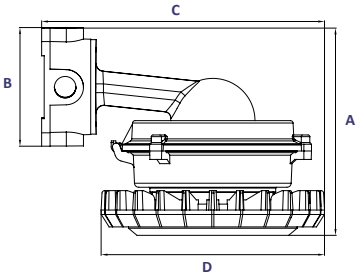
Shown with 90° Wall Mount

25° Wall Mount



Dimensions	
Height 1 (A)	10″ (256mm)
Height 2 (B)	5½″ (140mm)
Length (C)	13¾″ (352mm)
Width (D)	10½″ (265mm)

90° Wall Mount



Dimensions	
Height 1 (A)	9¾″ (246mm)
Height 2 (B)	5½″ (140mm)
Length (C)	13¼″ (336mm)
Width (D)	10½″ (265mm)

VAP15Q Hazardous Location LED Luminaire Wall Mount

64 Input Watts; 9,000 Lumens

Order Information Example: VAP15QF57U5KCGW25SP

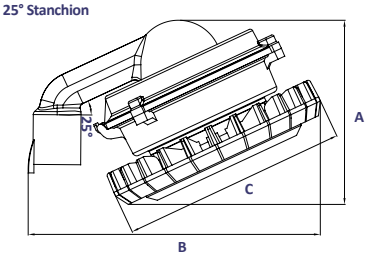
VAP15Q	F	57	U		C	G		
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Lens**	**Color**	**Mount**	**Options**
VAP15Q= EasyLED Hazardous Location Luminaire	F=Wide	57=57w	U=120-277V	4K=4000K 5K=5000K	C=Clear Tempered Glass Lens	G=Gray	W25=25° Wall Mount W90=90° Wall Mount	SP=Surge Protection

Shown with 25° Stanchion Mount

Mounts to 1¼" NPT

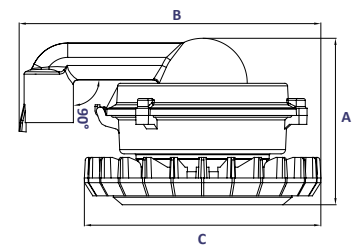
Shown with 90° Stanchion Mount

25° Stanchion



Dimensions	
Height 1 (A)	8½″ (216mm)
Length (B)	13½″ (343mm)
Width (C)	10½″ (265mm)

90° Stanchion



Dimensions	
Height 1 (A)	7¼″ (186mm)
Length (B)	13¼″ (338mm)
Width (C)	10½″ (265mm)

VAP15Q Hazardous Location LED Luminaire Pole Mount

64 Input Watts; 9,000 Lumens

Order Information Example: VAP15QF57U5KCGS25SP

VAP15Q	F	57	U		C	G		
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Lens**	**Color**	**Mount**	**Options**
VAP15Q= EasyLED Hazardous Location Luminaire	F=Wide	57=57w	U=120-277V	4K=4000K 5K=5000K	C=Clear Tempered Glass Lens	G=Gray	S25=25° Stanchion S90=90° Stanchion	SP=Surge Protection

VAP15 SERIES ORDERING GUIDE

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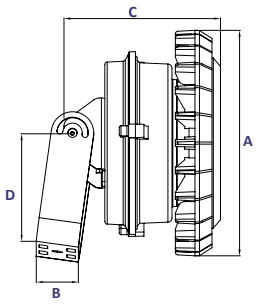
CID2 HAZARDOUS LOCATION



Dimensions	
Height (A)	10½″ (265mm)
Width (B)	2″ (50mm)
Length 1 (C)	7¼″ (184mm)
Length 2 (D)	5″ (126mm)

VAP15Q Hazardous Location LED Luminaire Flood

64 Input Watts; 9,000 Lumens

Order Information Example: VAP15QF57U5KCGYSP

VAP15Q	F	57	U		C	G	Y	
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Lens**	**Color**	**Mount**	**Options**
VAP15Q= EasyLED Hazardous Location Luminaire	F=Wide	57=57w	U=120-277V	4K=4000K 5K=5000K	C=Clear Tempered Glass Lens	G=Gray	Y=Adjustable Yoke	SP=Surge Protection

Class 1, Division 2
Groups A, B, C, D
T4 Temperature Rating

LEDicated
Designed **SPECIFICALLY** for LED

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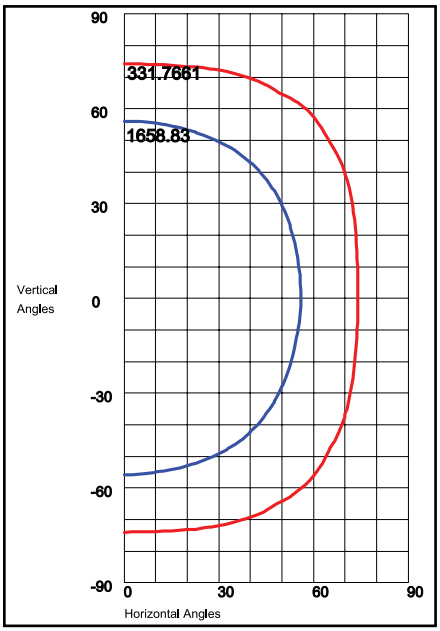
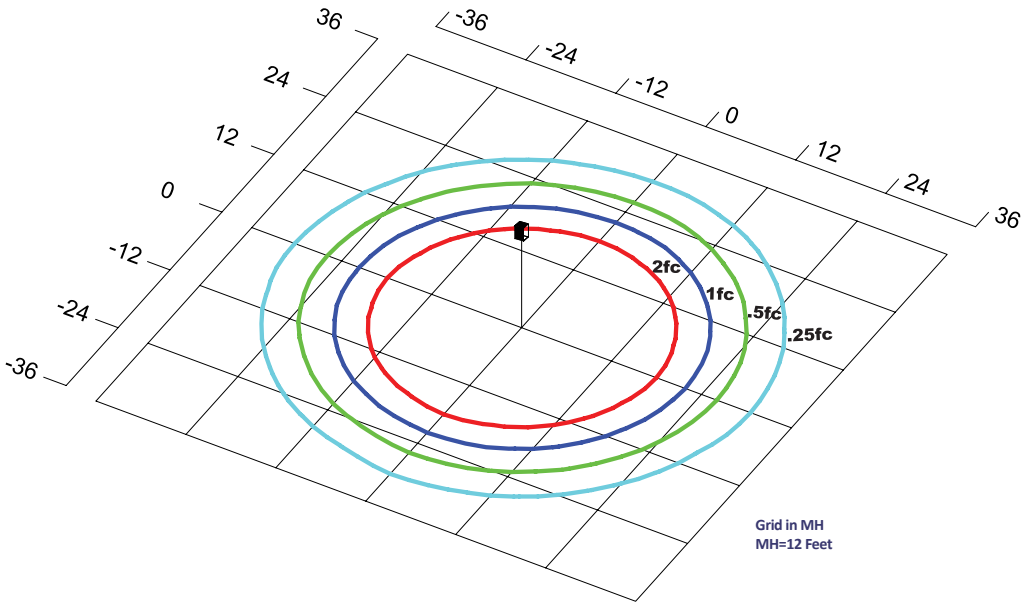
Photometric Performance

VAP15QF57U5KC-Clear Tempered Glass Lens





LED Board Watts	Drive Current (mA)	Input Watts		Optics	5000 CCT 80 CRI Lumens	5000 CCT 80 CRI LPW	4000 CCT 80 CRI Lumens	4000 CCT 80 CRI LPW
EasyLED 57w (Clear Lens)	175	64	F	110°H x 110°V, NEMA 7H x 7V	8,957	140	8,599	135

C1D2 Die Cast Linear Hazardous Lighting

HURA Series

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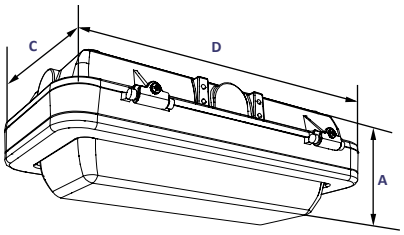
C1D2 HAZARDOUS LOCATION



L70 25°C **187,000 Hours**

Dimensions	
Width (D)	12⅛″ (309mm)
Length (C)	7″ (178mm)
Height (A)	MRF1AOQ: 4″ (102mm) MRF1AHQ: 4¼″ (107mm) MRF1AVQ: 4¼″ (107mm)

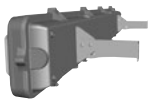
VAP1AQ Hazardous Location 12” Linear LED Die Cast

Order Information Example: VAP1AOQF37U5KCP

26-41 Input Watts; 2,280-5,600 Lumens; Replaces up to 175w HID

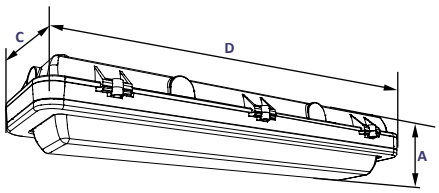
	F		U			
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Lens**	**Color**
VAP1AOQ = EasyLED Open Frame 12” Linear LED Die Cast VAP1AHQ = EasyLED Horizontal Hood 12” Linear LED Die Cast VAP1AVQ = EasyLED Vertical Hood 12” Linear LED Die Cast	F=Wide	22=22w 37=37w	U=120-277V	4K=4000K 5K=5000K	C=Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens L=SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens	P=Platinum C=Custom (Consult Factory)

Accessories



Stainless Steel Adjustable Bracket

Stainless Steel Adjustable Yoke



L70 25°C **138,000 Hours**

Dimensions	
Width (D)	24⅛″ (614mm)
Length (C)	7″ (178mm)
Height (A)	4″ (102mm)

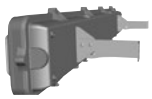
VAP2AQ Hazardous Location 24” Linear LED Die Cast

Order Information Example: VAP2AOQF66U5KCP

58-77 Input Watts; 5,700-10,300 Lumens; Replaces up to 250w HID

VAP2AOQ	F					
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Lens**	**Color**
VAP2AOQ = EasyLED Open Frame 24” Linear LED Die Cast	F=Wide	47=47w 66=66w	U=120-277V H=347-480V	4K=4000K 5K=5000K	C=Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens L=SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens	P=Platinum C=Custom (Consult Factory)

Accessories



Stainless Steel Adjustable Bracket

Stainless Steel Adjustable Yoke

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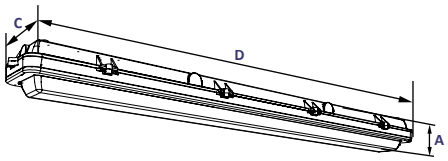
CID2 HAZARDOUS LOCATION



L70 25°C — **165,000 Hours**

Dimensions	
Width (D)	49″ (1,247mm)
Length (C)	7″ (178mm)
Height (A)	4″ (102mm)

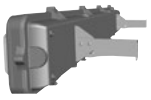
VAP4AQ Hazardous Location 48” Linear LED Die Cast

58-77 Input Watts; 5,700-10,300 Lumens; Replaces up to 250w HID

Order Information Example: VAP4AOQF136U5KCP

VAP4AOQ	F					
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Lens**	**Color**
VAP4AOQ = EasyLED Open Frame 48” Linear LED Die Cast	F=Wide	112=112w 136=136w	U=120-277V H=347-480V	4K=4000K 5K=5000K	C=Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens L=SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens	P=Platinum C=Custom (Consult Factory)

Accessories



Stainless Steel Adjustable Bracket

Stainless Steel Adjustable Yoke

INTERTEK ETL LISTED C US

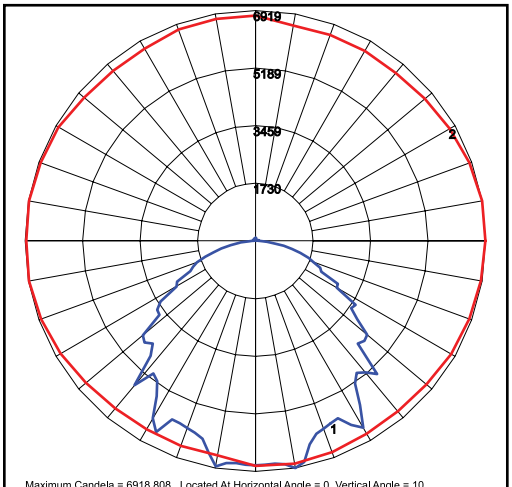
Class 1, Division 2
Groups A, B, C, D
T4 Temperature Rating

LEDicated — Designed **SPECIFICALLY** for LED

SoftLED

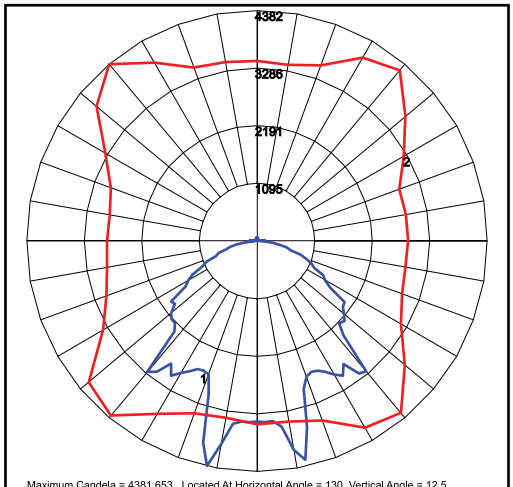
Photometric Performance

VAP1AQ Clear Lens



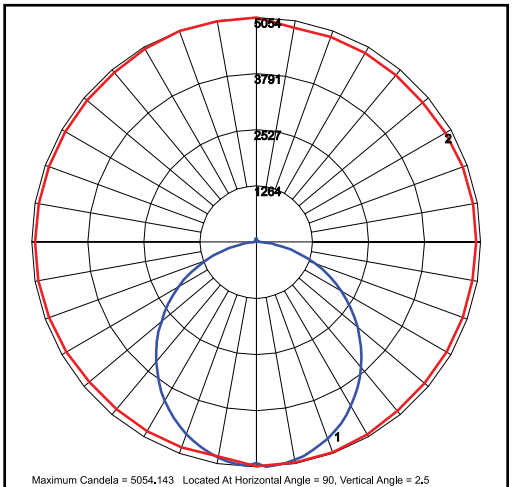
Maximum Candela = 6918.808 Located At Horizontal Angle = 0, Vertical Angle = 10
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (10) (Through Max. Cd.)

VAP2AQ Clear Lens



Maximum Candela = 4381.653 Located At Horizontal Angle = 130, Vertical Angle = 12.5
1 - Vertical Plane Through Horizontal Angles (130 - 310) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (12.5) (Through Max. Cd.)

VAP4AQ LumaLens



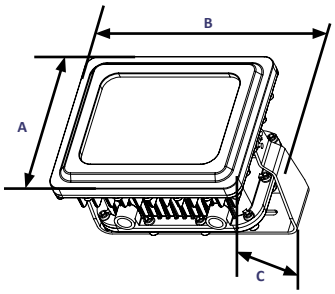
Maximum Candela = 5054.143 Located At Horizontal Angle = 90, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

C1D2 Hazardous Flood Lighting

VAP25Q Series

C1D2 HAZARDOUS LOCATION

VAP25 SERIES ORDERING GUIDE



L70 25°C — 329,000 Hours

Dimensions	
Height (A)	10¾″ (273mm)
Width (B)	13¾″ (348mm)
Length (C)	9¾″ (248mm)

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INTERTEK ETL LISTED C US

Class 1, Division 2
Groups A, B, C, D
T4 Temperature Rating

LEDicated — Designed **SPECIFICALLY** for LED

VAP25Q Hazardous Location LED Flood

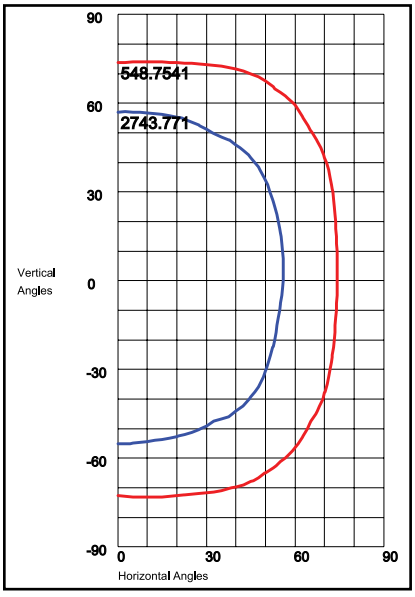
140 Input Watts; 15,000 Lumens

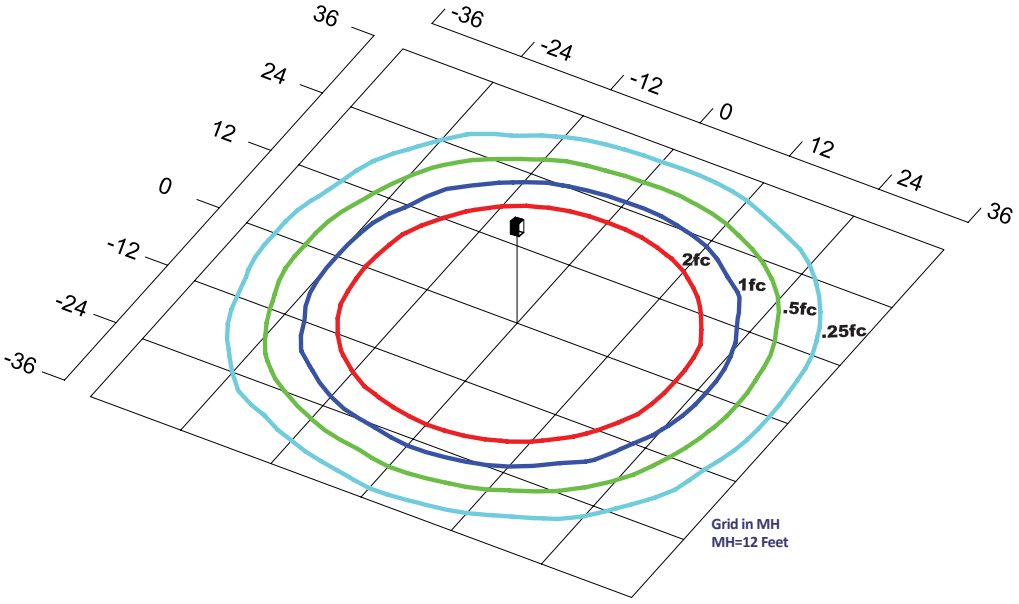
Order Information Example: HUR5QF132U5KCGYSP

VAP25Q	F	132	U		C	G	Y	
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Lens**	**Color**	**Mount**	**Options**
VAP25Q=EasyLED Hazardous Location Flood	F=110°H x 110°V, NEMA 7H x 7V	132=132w	U=120-277V	4K=4000K 5K=5000K	C=Clear Tempered Glass Lens	G=Gray	Y=Adjustable Yoke	SP=Surge Protection

Photometric Performance

VAP25QF132U5KC-Clear Tempered Glass Lens





LED Board Watts	Drive Current (mA)	Input Watts		Optics	5000 CCT 80 CRI Lumens	5000 CCT 80 CRI LPW	4000 CCT 80 CRI Lumens	4000 CCT 80 CRI LPW
EasyLED 132w	465	140	F	110°H x 110°V, NEMA 7H x 7V	15,046	108	14,482	104

Die Cast Linear Harsh Environment Lighting

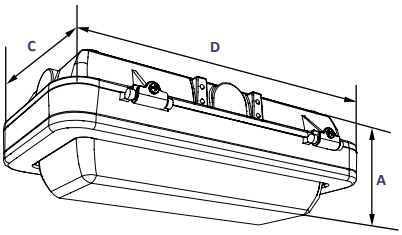
MRFA Series

MRF1AVQ

MRF1AHQ

MRF1AOQ

Shown with LumaLens



L70 25°C **187,000 Hours**

Dimensions	
Width (D)	12⅛″ (309mm)
Length (C)	7″ (178mm)
Height (A)	MRF1AOQ: 4″ (102mm) MRF1AHQ: 4¾″ (107mm) MRF1AVQ: 4¾″ (107mm)

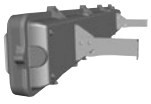
MRF1AQ Harsh Environment 12” Linear LED Die Cast

Order Information Example: MRF1AOQF37U5KCP

26-41 Input Watts; 2,280-5,600 Lumens; Replaces up to 175w HID

	F		U			
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Lens**	**Color**
MRF1AOQ = EasyLED Open Frame 12” Linear LED Die Cast **MRF1AHQ** = EasyLED Horizontal Hood 12” Linear LED Die Cast **MRF1AVQ** = EasyLED Vertical Hood 12” Linear LED Die Cast	**F**=Wide	**22**=22w **37**=37w	**U**=120-277V	**4K**=4000K **5K**=5000K	**C**=Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens **L**=SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens	**P**=Platinum **C**=Custom (Consult Factory)

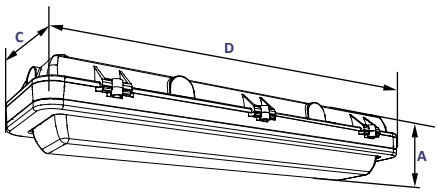
Accessories



Stainless Steel Adjustable Bracket

Stainless Steel Adjustable Yoke

Shown with LumaLens



L70 25°C **138,000 Hours**

Dimensions	
Width (D)	24⅛″ (614mm)
Length (C)	7″ (178mm)
Height (A)	4″ (102mm)

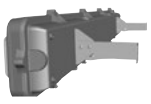
MRF2AQ Harsh Environment 24” Linear LED Die Cast

Order Information Example: MRF2AOQF66U5KCP

58-77 Input Watts; 5,700-10,300 Lumens; Replaces up to 250w HID

MRF2AOQ	F					
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Lens**	**Color**
MRF2AOQ = EasyLED Open Frame 24” Linear LED Die Cast	**F**=Wide	**47**=47w **66**=66w	**U**=120-277V **H**=347-480V	**4K**=4000K **5K**=5000K	**C**=Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens **L**=SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens	**P**=Platinum **C**=Custom (Consult Factory)

Accessories

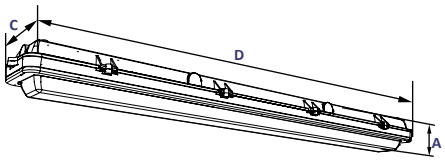


Stainless Steel Adjustable Bracket

Stainless Steel Adjustable Yoke

MRFA SERIES ORDERING GUIDE

Shown with LumaLens



L70 25°C **165,000 Hours**

Dimensions	
Width (D)	49″ (1,247mm)
Length (C)	7″ (178mm)
Height (A)	4″ (102mm)

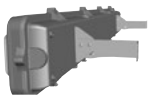
MRF4AQ Harsh Environment 48” Linear LED Die Cast

58-77 Input Watts; 5,700-10,300 Lumens; Replaces up to 250w HID

Order Information Example: MRF4AOQF136U5KCP

MRF4AOQ	F					
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Lens**	**Color**
MRF4AOQ = EasyLED Open Frame 48” Linear LED Die Cast	**F**=Wide	**112**=112w **136**=136w	**U**=120-277V **H**=347-480V	**4K**=4000K **5K**=5000K	**C**=Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens **L**=SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens	**P**=Platinum **C**=Custom (Consult Factory)

Accessories



Stainless Steel Adjustable Bracket

Stainless Steel Adjustable Yoke

SoftLED

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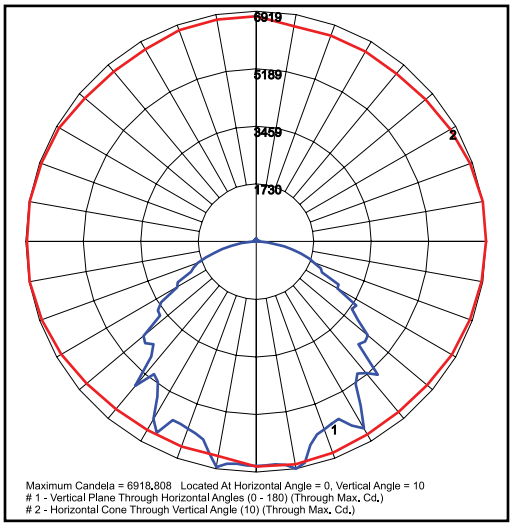
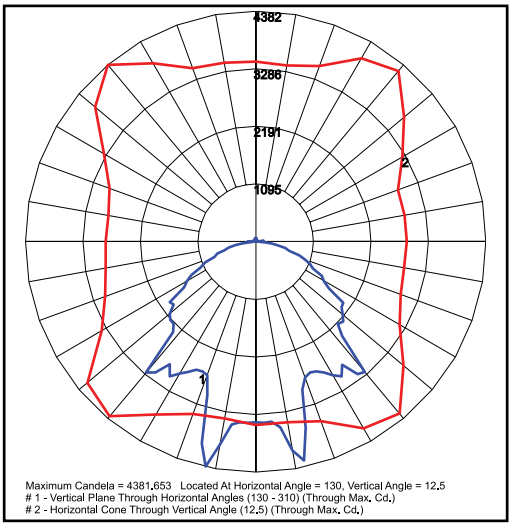
Photometric Performance

MRF1AQ Clear Lens



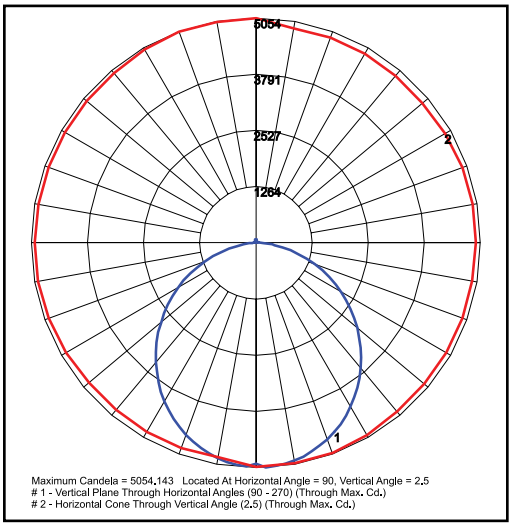
Maximum Candela = 6918.808 Located At Horizontal Angle = 0, Vertical Angle = 10
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (10) (Through Max. Cd.)

MRF2AQ Clear Lens



Maximum Candela = 4381.653 Located At Horizontal Angle = 130, Vertical Angle = 12.5
1 - Vertical Plane Through Horizontal Angles (130 - 310) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (12.5) (Through Max. Cd.)

MRF4AQ LumaLens



Maximum Candela = 5054.143 Located At Horizontal Angle = 90, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

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Harsh Environment Low Profile Luminaires

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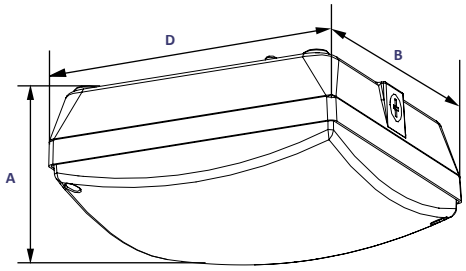


L70 25°C **169,000 Hours**

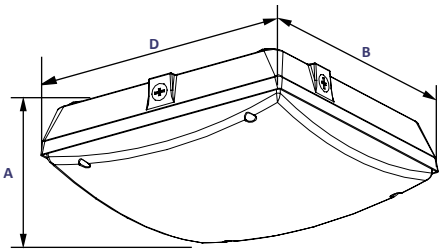
Dimensions	
Width (D)	9″ (229mm)
Length (B)	9″ (229mm)
Height (A)	4″ (102mm)

ADM34 Low Profile Medium Surface Mount

27 Input Watts; 2,780-2,890 Lumens; Replaces up to 100w HID

Order Information Example: ADM34F1X23U5KLPZSP

ADM34	F	1X23			LP		
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Lens**	**Color**	**Options**
ADM34= EasyLED Low Profile Medium Surface Mount	F=Type V	1X23=23w	U=120-277V H=347-480V	4K=4000K 5K=5000K	LP=SoftLED Low Profile LumaLens Opal UV-Stabilized Polycarbonate Lens	Z=Bronze C=Custom (Consult Factory)	See Spec Pages for Options Ordering Logic



L70 25°C **147,000 Hours**

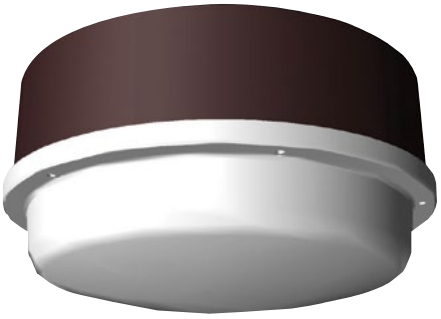
Dimensions	
Width (D)	12½″ (315mm)
Length (B)	12½″ (315mm)
Height (A)	4¼″ (106mm)

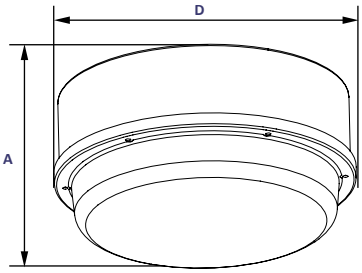
ADM44 Low Profile Large Surface Mount

54 Input Watts; 5,500-5,800 Lumens; Replaces up to 175w

Order Information Example: ADM44F1X45U5KLPZSP

ADM44	F	1X45			LP		
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Lens**	**Color**	**Options**
ADM44= EasyLED Low Profile Large Surface Mount	F=Type V	1X45=45w	U=120-277V H=347-480V	4K=4000K 5K=5000K	LP=SoftLED Low Profile LumaLens Opal UV-Stabilized Polycarbonate Lens	Z=Bronze C=Custom (Consult Factory)	See Spec Pages for Options Ordering Logic





L70 25°C **147,000 Hours**

Dimensions	
Diameter (D)	11½″ (291mm)
Height (A)	6″ (150mm)

ADM34 Low Profile Round Surface Mount

39 Input Watts; 4,600-4,800 Lumens; Replaces up to 100w HID

Order Information Example: ADM34F1X34U5KLPZSP

ADM34	F	1X34			LP		
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Lens**	**Color**	**Options**
ADM34= EasyLED Low Profile Round Surface Mount	F=Type V	1X34=34w	U=120-277V H=347-480V	4K=4000K 5K=5000K	LP=SoftLED Low Profile LumaLens Opal UV-Stabilized Polycarbonate Lens	Z=Bronze C=Custom (Consult Factory)	See Spec Pages for Options Ordering Logic

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