



UTILITY LIGHT – INTRODUCTION

**V SERIES LED****FEATURES-SPECIFICATIONS****Introduction**

Killark 'VSL' Series LED fixtures are designed for installations where moisture, dirt, dust, corrosion and vibration may be present, or NEMA 3 and 4 areas where wind, water, snow or high ambients can be expected. VSL's are sized to replace "Utility" type fixtures (incandescent or CFL's) in hallways, closets, elevator pits, docks, stairwells, access tunnels, and mechanical rooms. These fixtures can be used in locations made hazardous by the presence of flammable vapors or gases or combustible dusts as defined by the NEC. Typical applications include manufacturing plants, and certain chemical and petrochemical processing facilities, sewage treatment plants, off-shore and dockside installations, and garage areas.

LED Luminaire Features and Standards

- Compact in Size with Traditional Industrial Appearance and Suitability
- Wide variety of optics including glass globes (clear and tempered, color) plus polycarbonate globes in clear and colors
- Optional Mounting arrangements including Pendant, Wall, Ceiling, Stanchion and Adapters
- Fixtures available unit packed, order option CP
- VSL LED Housings can be retrofitted to existing V Series splice boxes; upgrade from CFL or incandescent
- Energy Savings – less than 13 Watts of Power; less than 16 Watts for VSL1630. Replaces 75W or higher incandescent
- Long Life – 60,500+ maintenance-free hours to 70% initial lumens
- Crisp White Light for Excellent Color Rendering – Chromaticity 5000°K (CCT); 70 CRI

- Integral driver – maintains fixture's compact profile to fit in existing spaces
- Ambient suitability -40°C to 55°Ck
- Instant on – including after power interruption
- "World Voltage" 120-277VAC 50/60Hz
- Solder-LESS LED Board Connections – Vibration Resistant
- LM80-08* Measurement of lumen maintenance for LED light sources
- LM79-08* Certified "Absolute" Photometry, including Chromaticity Color for Solid State Lighting
- TM-21* method to project long term lumen maintenance
- L70 Values – Industry Nomenclature for Hours of use to 70% of Initial Lumens

Compliances

- UL-8750 for LED lighting
- UL 1598 standard for luminaires
- UL-844 Standard for lighting fixtures for hazardous locations, Class I, Division 2; Class II, Division 2; Class III, Division 2
- CSA C22.2 no. 137-M1981 electric luminaires for use in hazardous locations
- Enclosed and gasketed
- NEMA 3, 4

Materials, Weights

- Body, splice box and guards are corrosion resistant copper-free aluminum alloy
- Baked powder epoxy/polyester finish, electrostatically applied for complete, uniform corrosion protection
- Reflectors – Polypropylene for pendant or ceiling applications
- Heavy-duty silicone gasketing for NEMA 4 requirements

Class I, Div. 2, Groups A,B,C,D
Class I, Zone 2, Groups IIC,IIB,IIA
Class II, Div. 2, Groups F,G^①
Class III
Suitable for wet locations
Enclosure Type 4^②



Certified - File LR11713

Optic Selection Examples

- Broadest **COLOR** globe offering for Hazardous Locations in the industry
- Use as status lights or specialty/emergency indicators



* LM-xx & TM-21 are Illumination Engineering Society Standards designed to promote uniformity in testing procedures among test labs and manufacturers. For more information go to www.ies.org

① When mounted (globe down) to V series boxes; not Class II, Div. 2 or NEMA 4 on VBA, VFPS, VB or VFL adaptors to sheet metal boxes.

② Glass globe models to 55°C; Polycarbonate suitable to 40°C.



VSL SERIES

UTILITY LIGHT – CATALOG LOGIC



Clear Glass w/Guard



White Glass w/
Guard



Blue Glass



Clear Polycarbonate



Red Polycarbonate



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Suitable for wet locations
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V SERIES LED Catalog Number Logic

VSL Series Constant
1
Lamp Wattage
13 = 13W LED
16 = 16W LED
Voltage
30 – 120-277VAC (13W, 16W)
27 – 12-24VDC (13W, 16W)
34 – 120-250VDC (13W)
Mounting Type
NN – Mounr Ordered Separately
A1 – 1/2" Pendant (VGA-1)
A2 – 3/4" Pendant (VGA-2)
F1 – 1/2" Ceiling w/Feet & Adapter (VBC-1 w/VBA)
F2 – 3/4" Ceiling w/Feet & Adapter (VBC-2 w/VBA)
X1 – 1/2" Ceiling (VGX-1)
X2 – 3/4" Ceiling (VGX-2)
C1 – 1/2" Ceiling (VGC-1)
C2 – 3/4" Ceiling (VGC-2)
H1 – 1/2" Ceiling Dead End (VGH-1)
H2 – 3/4" Ceiling Dead End (VGH-2)
D1 – 1/2" Ceiling Deep (VXA-1)
D2 – 3/4" Ceiling Deep (VXA-2)
D4 – 1-1/4" Stanchion (VD-4)
RA – Round (Box) Adapter (VBA)
SA – Square (Box) Adapter (VFPS)
W1 – 1/2" Wall w/Feet (VBC-1 w/VB-1)
W2 – 3/4" Wall w/Feet (VBC-2 w/VB-2)
V1 – 1/2" Wall Elbow (VB-1)
V2 – 3/4" Wall Elbow (VB-2)
FL – Elbow for "V" Box (VFL)

S 5
G - B 6 7
S 8
Reflector
S – Standard Reflector (Pendant or Ceiling Use Only)^②
CP – Component Pack^③
Optic Color (Optic Type)
A – Amber (S, H, P)
B – Blue (S, H)
R – Red (S, H, P)
G – Green (S, P)
P – Purple (S)
BG – Blue Green (S, H)
W – White (S)
Guard
G – Guard (For Glass Globes Only)
N – No Guard (Standard on Polycarbonate Globes)
R – Guard Red (For Glass Globes Only)
Can Signify Emergency UPS Circuits
Optics**
S – Standard Globe (Clear)
H – Heat Resistant (Tempered) Globe (Clear)
P – Polycarbonate (Clear)



COLORED GLOBE OPTIONS** EXAMPLE VSL1330A1SG-A			
SUFFIX AND AVAILABLE COMBINATIONS			
COLOR NUMBER	STANDARD GLOBE	TEMPERED GLOBE	POLYCARBONATE
AMBER	A	A	A
BLUE	B	B	—
RUBY	R	R	R
GREEN	G	—	G
PURPLE	P	—	—
BLUE-GREEN	BG	BG	—
WHITE	W	W	W



** Use tempered glass or poly globe for wet location applications.

① When mounted (globe down) to V series boxes; not Class II, Div.2 or NEMA 4 on VBA, VFPS, VB or VFL adaptors to sheet metal boxes.

② Reflector is held on fixture body by VAG-100 guard for glass globe models or polycarbonate globe's shoulder. Reflectors ship separately.

③ CP option includes complete fixture in components contained in single outer carton.



VSL SERIES

KILLARK

UTILITY LIGHT – ORDERING INFORMATION



Class I, Div. 2, Groups A,B,C,D
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ORDERING INFORMATION



Glass Globe



Poly Globe



Glass Globe



Poly Globe



Glass Globe



Poly Globe



Glass Globe



Poly Globe

CEILING MOUNT WITH VGH SPLICE BOX – DEAD END 1 – HUB

LED	WATTS	VOLTAGE	HUB SIZE	FIXTURE W/ STANDARD CLEAR GLASS GLOBE & GUARD**	FIXTURE W/ TEMPERED CLEAR GLASS GLOBE & GUARD**	FIXTURE W/ CLEAR POLYCARBONATE GLOBE**
VSL1330	13	120-277VAC	1/2"	VSL1330H1SG	VSL1330H1HG	VSL1330H1PN
			3/4"	VSL1330H2SG	VSL1330H2HG	VSL1330H2PN
VSL1630	16	120-277VAC	1/2"	VSL1630H1SG	VSL1630H1HG	VSL1630H1PN
			3/4"	VSL1630H2SG	VSL1630H2HG	VSL1630H2PN

CEILING MOUNT WITH VXA DEEP SPLICE BOX 5 – HUBS

LED	WATTS	VOLTAGE	HUB SIZE	FIXTURE W/ STANDARD CLEAR GLASS GLOBE & GUARD**	FIXTURE W/ TEMPERED CLEAR GLASS GLOBE & GUARD**	FIXTURE W/ CLEAR POLYCARBONATE GLOBE**
VSL1330	13	120-277VAC	1/2"	VSL1330D1SG	VSL1330D1HG	VSL1330D1PN
			3/4"	VSL1330D2SG	VSL1330D2HG	VSL1330D2PN
VSL1630	16	120-277VAC	1/2"	VSL1630D1SG	VSL1630D1HG	VSL1630D1PN
			3/4"	VSL1630D2SG	VSL1630D2HG	VSL1630D2PN

CEILING MOUNT WITH VBA ADAPTER FOR ROUND OUTLET BOX 0 – HUBS^①

LED	WATTS	VOLTAGE	HUB SIZE	FIXTURE W/ STANDARD CLEAR GLASS GLOBE & GUARD**	FIXTURE W/ TEMPERED CLEAR GLASS GLOBE & GUARD**	FIXTURE W/ CLEAR POLYCARBONATE GLOBE**
VSL1330	13	120-277VAC	–	VSL1330RASG	VSL1330RAHG	VSL1330RAPN
VSL1630	16	120-277VAC	–	VSL1630RASG	VSL1630RAHG	VSL1630RAPN

CEILING MOUNT WITH VFPS ADAPTER FOR SQUARE OR OCTAGON OUTLET BOX 0 – HUBS^①

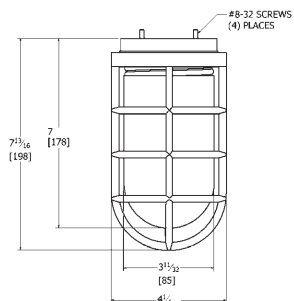
LED	WATTS	VOLTAGE	HUB SIZE	FIXTURE W/ STANDARD CLEAR GLASS GLOBE & GUARD**	FIXTURE W/ TEMPERED CLEAR GLASS GLOBE & GUARD**	FIXTURE W/ CLEAR POLYCARBONATE GLOBE**
VSL1330	13	120-277VAC	–	VSL1330SASG	VSL1330SAHG	VSL1330SAPN
VSL1630	16	120-277VAC	–	VSL1630SASG	VSL1630SAHG	VSL1630SAPN

^① When mounted (globe down) to V series boxes; not Class II, Div.2 or NEMA 4 on VBA, VFPS, VB or VFL adaptors to sheet metal boxes.

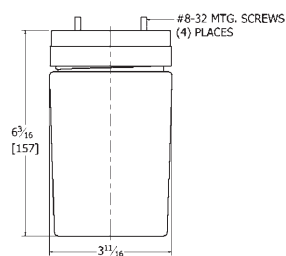
** Use tempered glass or poly globes for wet location applications. See logic page for available globe colors.



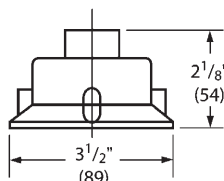
UTILITY LIGHT – DIMENSIONS



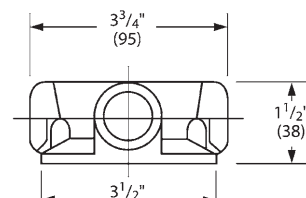
VSL Body w/Globe & Guard, No Splice Box



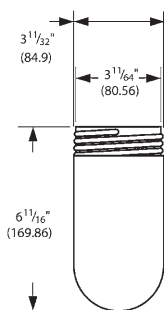
VSL Body w/Polycarbonate Globe, No Splice Box



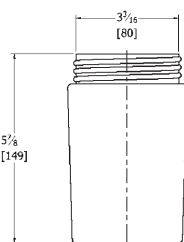
VGA



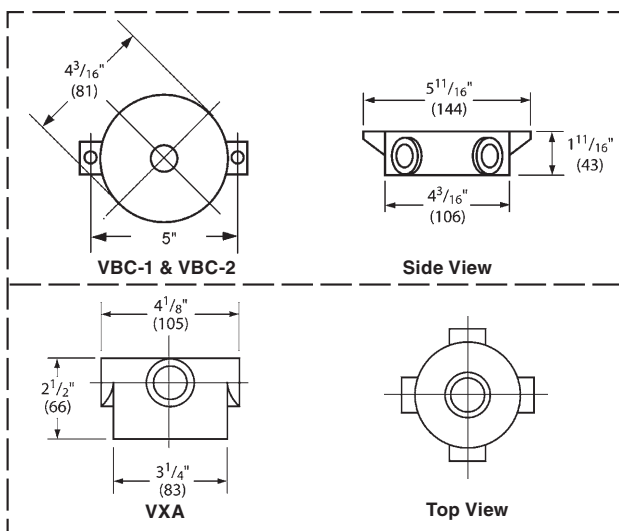
VGC or VGX
*VGH is 3-5/8" (92)



Glass Globe

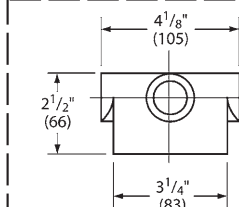


Polycarbonate Globe

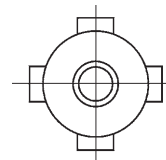


VBC-1 & VBC-2

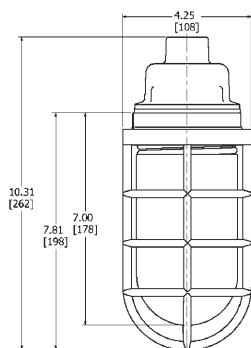
Side View



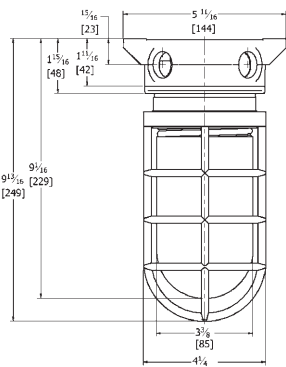
VXA



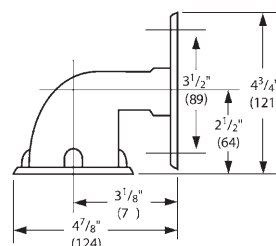
Top View



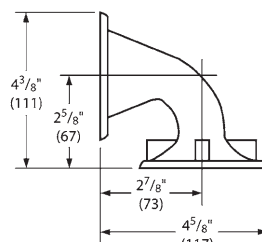
VSL Pendant Fixture w/Globe & Guard



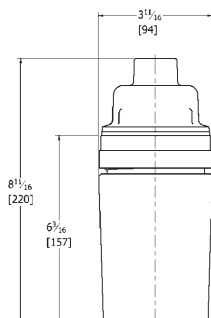
VSL Ceiling Fixture w/Globe & Guard



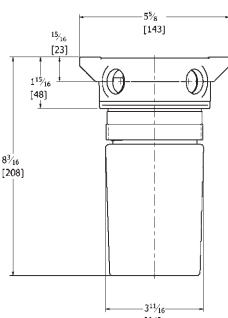
VB



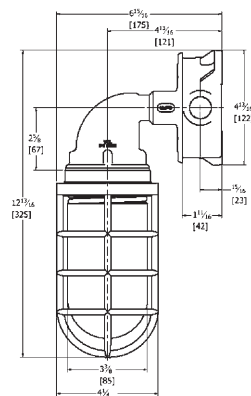
VFL



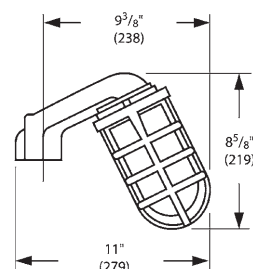
VSL Pendant Fixture w/Polycarbonate Globe



VSL Ceiling Fixture w/Polycarbonate Globe



VSL Wall Mounted Fixture w/Globe & Guard



VSL Stanchion Fixture w/Globe & Guard