



LIGHTING NVL SERIES

NON-METALLIC CORROSION RESISTANT HAZARDOUS FIXTURES

ENVIRO^{RITE}® II



Class I, Div. 2, Groups A,B,C,D
Class I, Zone 2, Groups IIC,IIB,IIA
Class II, Div. 2, Groups F,G
Class III
UL Marine Rated (US only)
Type 3, 4, 4X, IP66

 Certified - File LR11713

ABS Type Approval

 to the following standards:
UL 1598 Standard for luminaires
UL 1598A Marine type luminaires
UL 844 Standard for lighting fixtures
for hazardous locations
CSA C22.2 no. 137-M1981
electric luminaires for use in
hazardous locations
Enclosed and gasketed

FEATURES-SPECIFICATIONS

Features

- Corrosive resistant body molded from 30% glass-filled thermoset polyester
- Energy and labor-saving LED
- High Efficacy (lumens per watt)
- Compact Size
- Diffuse polycarbonate globe that softens the light while providing impact protection
- Accessories include polycarbonate dome reflectors and wall extension
- Type 3, 4, & 4X Rated
- IP66
- Marine Rated
- ABS Approved

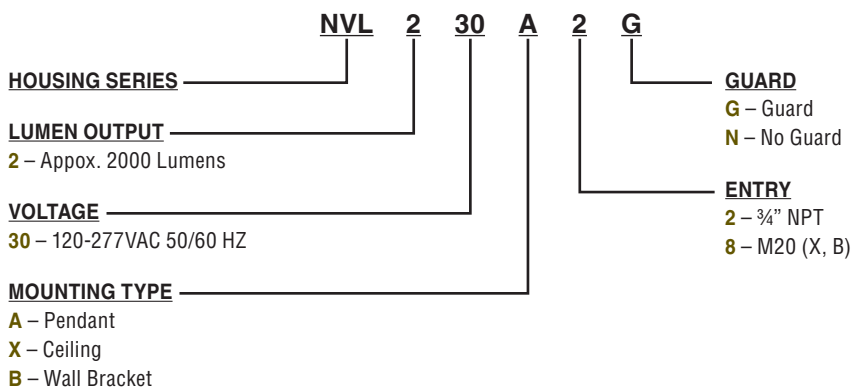
Materials

- Molded from 30% glass-filled thermoset polyester for high strength

Electrical Ratings

- Rated 120-277VAC 50/60 HZ
- -25°C to 40°C ambient rated

CATALOG NUMBER LOGIC





NON-METALLIC CORROSION RESISTANT HAZARDOUS FIXTURES

NVL COMPONENTS AND ACCESSORIES			
CATALOG NUMBER	DESCRIPTION		
NV2AG	Pendant	3/4" NPT	Pendant splice box with 316 stainless steel set screw at the conduit connection
NV2XG	Ceiling Box	3/4" NPT	Ceiling box vol. 24 cu. inches
NV2MG		M20	
NV2BG	Wall Bracket		Use with NV2XG or NV2MG for wall mount
NVPSD12	Reflector		White Polycarbonate Reflector (secured by guard)
NVEXTG	Extension		Extension for wall mount fixture with reflector
NV2GG-S	Compact Guard		Low Profile Non-Metallic Guard that is also used to secure reflector

COMPONENT PARTS



Pendant



Ceiling/Wall
(Interior Detail)



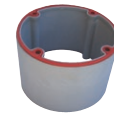
Ceiling/Wall



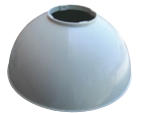
Wall Elbow



NV2GG-S
Compact Guard

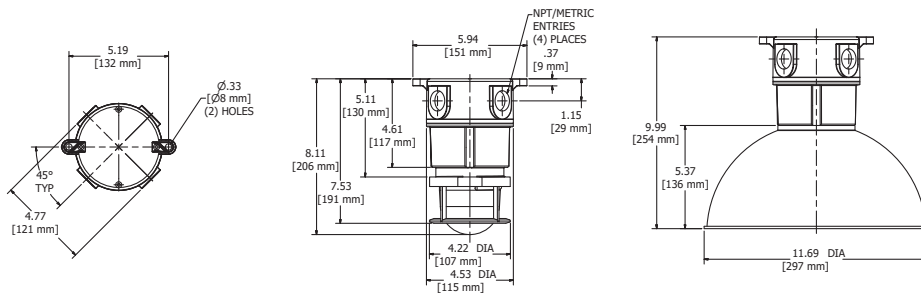


Extension

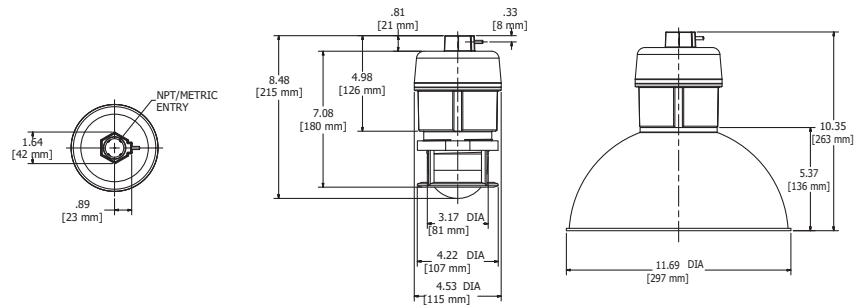


Reflector

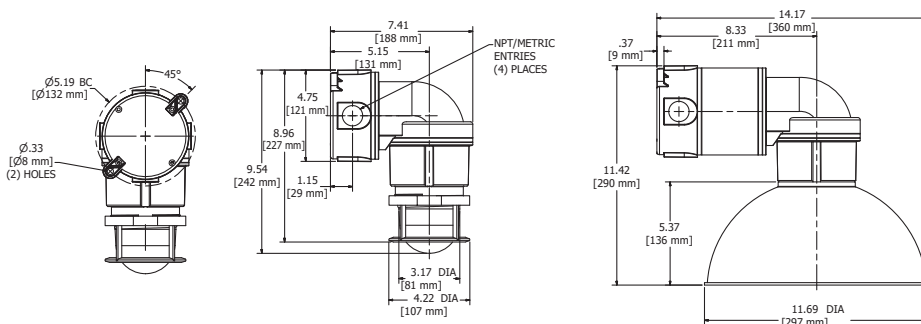
CEILING MOUNT



PENDANT MOUNT



WALL MOUNT





UTILITY LIGHT – INTRODUCTION

V SERIES LED



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

 Certified - File LR11713

FEATURES-SPECIFICATIONS

Features

- Compact in Size with Traditional Industrial Appearance and Suitability
- Wide variety of optics including glass globes (tempered and color) plus polycarbonate globes in clear and colors (Polycarbonate globes are suitable to 40°C.)
- 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 Fixture Life – 50,000 - 55,000 maintenance free hours
- 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
- Instant on – including after power interruption
- Solder-LESS LED Board Connections – Vibration Resistant

Materials

- 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 Type 4 requirements

Electrical Ratings

- Ambient suitability -40°C to 55°C
- "World Voltage" 120-277VAC 50/60Hz



LIGHTING VSL SERIES

UTILITY LIGHT – CATALOG LOGIC



Clear Glass
w/Guard



White Glass
w/Guard



Blue Glass

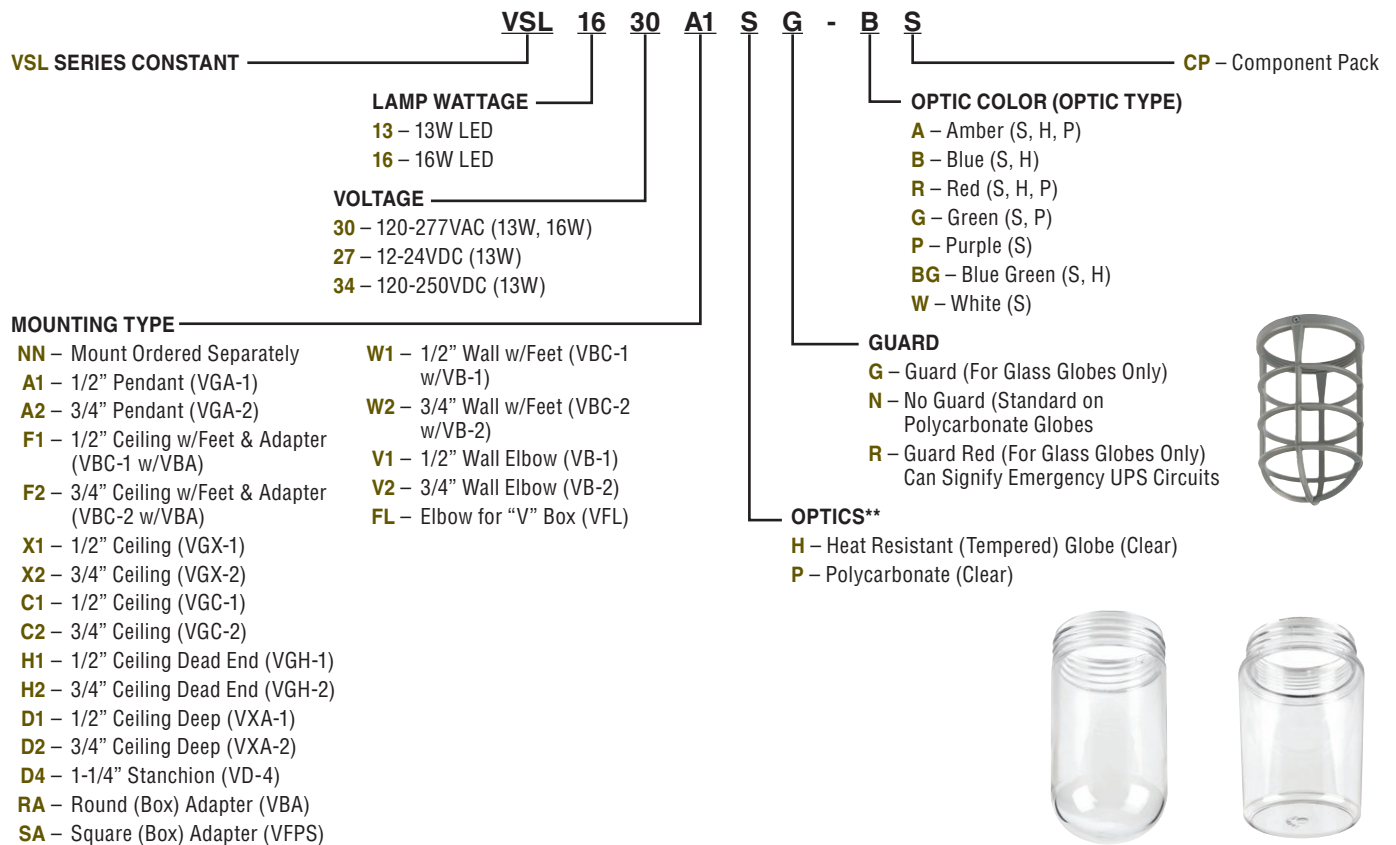


Clear
Polycarbonate



Red
Polycarbonate

V SERIES LED Catalog Number Logic



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

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



UTILITY LIGHT – COMPONENTS



VSL Body

**RETROFIT
FOR ENERGY
SAVINGS**

VSL FIXTURE BODIES ONLY

Fixture bodies contain the LED driver and array, heat sink plus gaskets, and are threaded to accept globes, guards and reflectors. Users with KILLARK “V” Series vapor tight fixtures from the 1960’s onward can up-grade to the latest technology and, in many cases, reuse existing mounts, globes and guards. VSL bodies are designed for metallic boxes and mount directly to V Series splice boxes or adapters as indicated.

VSL FIXTURE BODIES	
CATALOG NUMBER	DESCRIPTION
VSL1330	13W 120-277VAC 50/60Hz Body with LEDs and Driver
VSL1630	16W 120-277VAC 50/60Hz Body with LEDs and Driver



VGA



VGH



VGC



VGX



VXA



VBC



VBA



VFPS

VSL SPLICE BOXES

For use with VSL Series fixture bodies.

VSL SPLICE BOXES				
CATALOG NUMBER	HUB SIZE	QTY.	LOGIC CODE	DESCRIPTION
VGA-1	1/2"	1	A1	Pendant mount
VGA-2	3/4"	1	A2	
VGH-1	1/2"	1	H1	Ceiling mount
VGH-2	3/4"	1	H2	
VGC-1	1/2"	2	C1	Ceiling mount
VGC-2	3/4"	2	C2	
VGX-1	1/2"	4	X1	Ceiling mount
VGX-2	3/4"	4	X2	
VXA-1	1/2"	5	D1	Ceiling mount, deep box
VXA-2	3/4"	5	D2	
VBC-1	1/2"	4	F1	Ceiling mount, with 3 close-up plugs (requires VBA Adapter) or wall mount with VB elbow
VBC-2	3/4"	4	F2	
VXAB	–	–	–	Blank close-up plate (less gasket)

VSL ADAPTERS

VSL ADAPTER MOUNTING PLATES	
CATALOG NUMBER	DESCRIPTION
VBA	Adapts fixture body to VB, VJ or steel 3-1/2" & 4" splice boxes. Supplied with gasket.
VFPS	Adapts fixture body to steel 4" square outlet boxes or 3-1/2" or 4" octagon boxes

VSL WALL/STANCHION MOUNTS

VSL MOUNTING BRACKETS			
CATALOG NUMBER	HUB SIZE	QTY.	DESCRIPTION
VB-1	1/2"	1	Wall mount to VJ or VB boxes
VB-2	3/4"	1	Wall mount to VJ or VB boxes
VFL	–	–	Wall mount to V boxes directly or to VJ, VB boxes with VBA adapter
VD-4	1-1/4"	1	Stanchion mount



VB



VFL



VD



LIGHTING

VSL SERIES

UTILITY LIGHT – COMPONENTS, RATINGS & WEIGHTS



VSL GLOBES

VSL GLOBES – ORDERING INFORMATION AND SUFFIX GRID*				
COLOR	TEMPERED GLASS	OPTIC LOGIC	POLYCARBONATE	OPTIC LOGIC
Clear	VCGP-100	H*	VPLCG-100	P*
Amber	VAMGP-100	A	VPLCG-100A	A
Blue	VBGP-100	B	–	–
Ruby (Red)	VRGP-100	R	VPLCG-100R	R
Green	–	–	VPLCG-100G	G
Blue-Green	VGGP-100	BG	–	–
White	VWGP-100	W	VPLCG-100W	W

* Use tempered glass or polycarbonate globes for wet location applications.



VSL COMPONENTS

VSL COMPONENT PARTS AND ACCESSORIES	
CATALOG NUMBER	DESCRIPTION
VAG-100	Aluminum Guard for use with Glass Globe
VAG-100R	Red Aluminum Guard for use with Glass Globe
VTG-S	Body to Splice Box Gasket – Silicone
VTGG1-S	Globe Gasket – Silicone

Typical Weights (lbs.) w/Standard Globe and Guard – VSL Series

Pendant 7.03	Ceiling 7.51	Wall 8.09	Stanchion 7.61
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VSL THERMAL RATINGS

VSL THERMAL PERFORMANCE DATA INCLUDING VPRSD-100 REFLECTOR						
CATALOG NUMBER	AMBIENT	C1D2		C2D2		SUPPLY WIRE
		GLASS GLOBE	POLY GLOBE	GLASS GLOBE	POLY GLOBE	
VSL1330	40°C	T6	T5	T5 (F,G)	T5 (F,G)	90°
VSL1330	55°C	T5	–	–	–	90°
VSL1630	40°C	T5	–	T5 (F,G)	–	90°

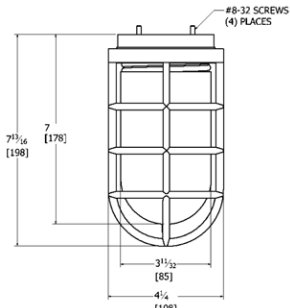
VSL ELECTRICAL RATINGS

VSL LED BODY WITH DRIVERS AND LEDS – ELECTRICAL RATINGS					
CATALOG NUMBER	VOLTAGE 50/60HZ	WATTS	AMPS 120/277	LUMENS	WEIGHT LBS.
VSL1330	120-277VAC	12.42	.108/.047	1300	5.0
VSL1630	120-277VAC	15.64	.156/.067	1625	5.0

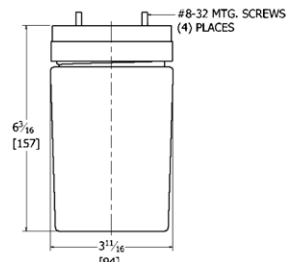
DELIVERED LUMENS			
WATTS	W/ GLOBE VCGP-100	W/GLOBE VPLCG-100	W/GLOBE VWGP-100
13W	1211	1104	905
16W	1328	1308	1072



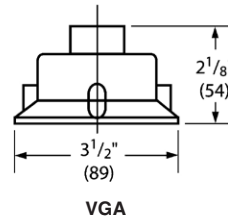
UTILITY LIGHT – DIMENSIONS



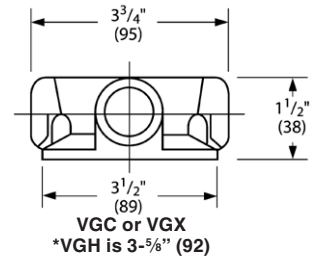
VSL Body w/Globe & Guard, No Splice Box



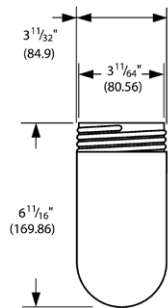
VSL Body w/Polycarbonate Globe, No Splice Box



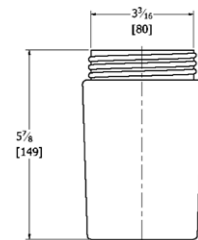
VGA



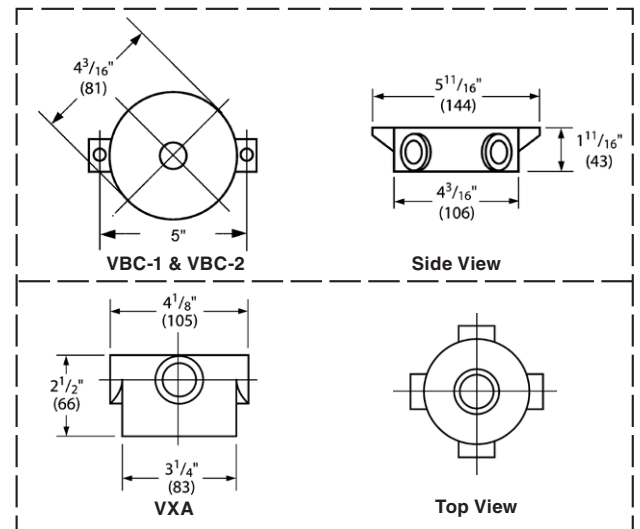
VGC or VGX
*VGH is 3-5/8" (92)



Glass Globe



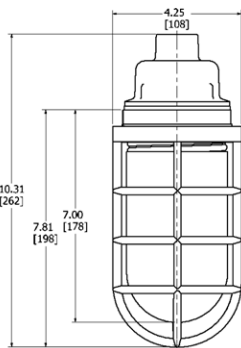
Polycarbonate Globe



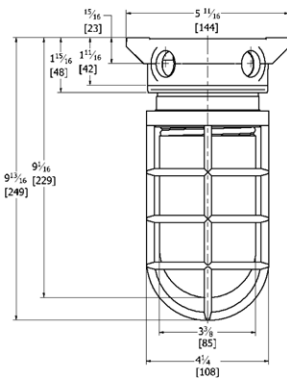
VBC-1 & VBC-2

Side View

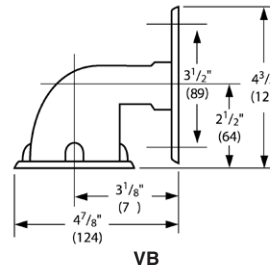
Top View



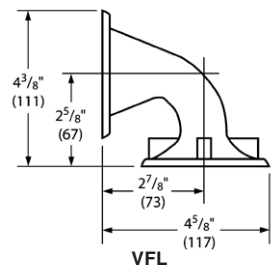
VSL Pendant Fixture w/Globe & Guard



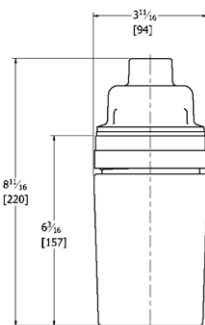
VSL Ceiling Fixture w/Globe & Guard



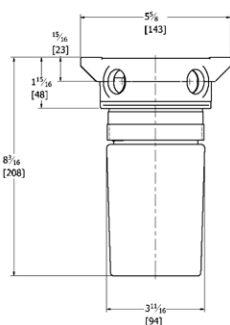
VB



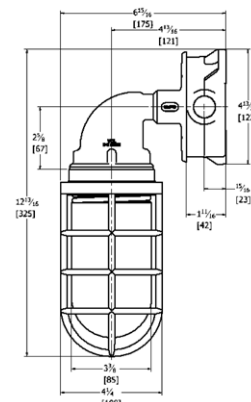
VFL



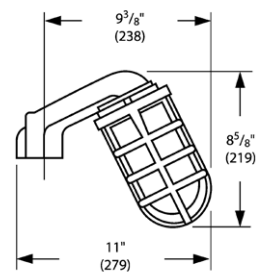
VSL Pendant Fixture w/ Polycarbonate Globe



VSL Ceiling Fixture w/Polycarbonate Globe



VSL Wall Mounted Fixture w/Globe & Guard



VSL Stanchion Fixture w/Globe & Guard



LIGHTING DVL SERIES

CLASS II UTILITY LIGHT – INTRODUCTION



Class II, Div. 1 & 2, Groups E, F, G
Class III
Class I, Div. 2, Groups A, B, C, D



Certified - File LR11713

FEATURES-SPECIFICATIONS

Features

- Compact in Size with Traditional Industrial Appearance and Suitability
- DVL LED Housings can be retrofitted to existing DV Series splice boxes; upgrade from incandescent housing 100 Series components
- Long Fixture Life – 50,000 - 55,000 maintenance free hours
- 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
- Instant on – including after power interruption
- Solder-LESS LED Board Connections – Vibration Resistant

Materials

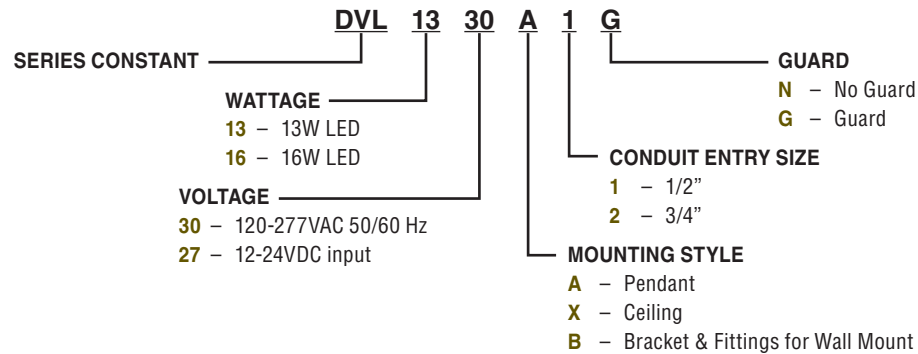
- Body and splice box are corrosion resistant copper-free aluminum alloy. Steel guard.
- Baked powder epoxy/polyester finish, electrostatically applied for complete, uniform corrosion protection

Electrical Ratings

- "World Voltage" 120-277VAC 50/60Hz



CLASS II UTILITY LIGHT – ORDERING INFORMATION

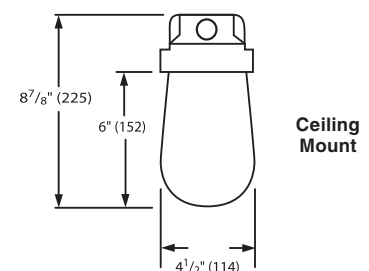
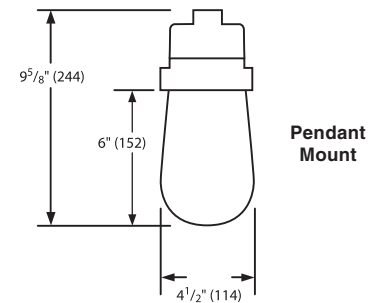


ACCESSORIES/COMPONENTS			
BODIES		MOUNTS	
DVL 1330	LED 13W	DVA1	1/2" Pendant Mount
DVL 1327	LED 13W	DVA2	3/4" Pendant Mount
DVL 1630	LED 16W	DVX1	1/2" Ceiling Mount
DVL 1627	LED 16W	DVX2	3/4" Ceiling Mount
		DVB1	1/2" Wall Mount
		DVB2	3/4" Wall Mount
GLOBE		GUARD	
DCGE-10		DAG-100	

DVL 100 SERIES						
MODEL	LAMP	HUB	PENDANT	CEILING	WALL	DELIVERED LUMENS
Type 100 13Watt	Included	1/2"	DVL1330A1G	DVL1330X1G	DVL1330B1G	1144
		3/4"	DVL1330A2G	DVL1330X2G	DVL1330B2G	
Type 100 16Watt	Included	1/2"	DVL1630A1G	DVL1630X1G	DVL1630B1G	1355
		3/4"	DVL1630A2G	DVL1630X2G	DVL1630B2G	

DVL THERMAL RATINGS					
CAT. NO.	AMBIENT	WATTS	C2D1 EFG	C1D2 ABCD	SUPPLY WIRE
DVL1330	40°C	13	T3B	T6	90°C
DVL1630	40°C	16	T3B	T6	90°C
DVL1330	55°C	13	—	T5	90°C
DVL1630	55°C	16	—	T5	90°C

DIMENSIONS



Wall Mount overall dimensions
 Height = 13.125" (333mm)
 Outward from wall = 7.4" (188mm)