



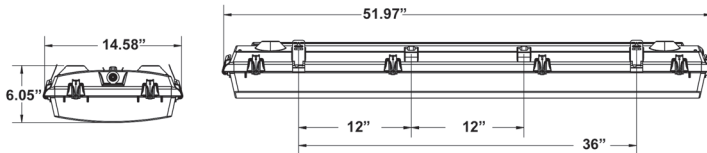
Catalog Number:	
Project:	
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Prepared By:	Date:

## Description

The LWS-VTW4 High Bay fixture is designed specifically to deliver superior illumination performance for vapor-tight demanding environments where moisture or dust is a concern. Designed for a higher mounting heights, wide spacing and suitable for wet, damp, and/or cold location. Combining a sleek fixture design with energy efficient performance allows this low glare fixture to be used in car washes, food processing plants, commercial kitchens, breweries, industrial facilities, livestock containment buildings, parking garages, laundries, covered canopies, utility tunnels, pedestrian tunnels, concourses, transit stations, stairwells and loading dock environments.

## Dimensions & Weights

Model	Width	Height	Length
LWS-VTW4	14.58"	6.05"	51.97"



## Technical Specifications

**Input Voltage:** 120-277V or 347-480V

**Housing:** UL 5VA Fiberglass Housing (Will not melt or burn) • UL Approved as a Wireway and Through Wiring • Weatherability(f1) Rated - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746, designed to minimize horizontal surfaces and latch pockets that are prone to retaining debris.

**Lens:** Inline thermoformed low profile lenses available in acrylic.

### Mounting:

**V-Hook:** Standard 316 stainless steel, UL rated for 4X fixture weight, maximum weight of 23lbs.

**Cable Mount, Flexible Ceiling Mount:** 316 Stainless Steel Ceiling Mount attaches directly to the ceiling and Patented

**Rigid Mounting Beam:** 316 Stainless Steel

**Color Temperature:** 4000K

**LED Lifetime:** All LED's are rated for a minimum of 100,000 hours of continuous operation at ambient temperatures from -40°F/-40°C to 95°F/35°C.

**Color Rendering Index (CRI):** Minimum of 80

**Dimming:** 0-10V standard dimming capability.

**Surge Protection:** Thermally protected 20kA/ 40kV varistor type surge suppressor is included and meets ANSI C136.2-2015: Extreme Level. Also meets IEC61643-11 Class II / EN61643-11 Type 2, and US Dept of Energy MSSLC Model Spec for surge protection. The device is wired in series with the luminaire input power in order to interrupt power to the luminaire when consumed, protecting the LED power supply and circuit boards from additional electrical surges.

**Lumecon ETD™ System:** The enhanced thermal dissipation system engines are thermally bonded to provide maximum thermal dissipation to the exterior of the fixture to ensure long life.

**Battery Back-Up and Battery Back-Up Cold Rated (Optional):** The BBU operates the LEDs for a code-compliant 90 minutes when triggered into emergency mode. When AC power is restored, the driver automatically returns to charging mode. The BB and BBCR are UL-recognized component and meets all applicable safety standards. BBCR is cold rated to -20°C.

**Certification Data:** CSA Listed to UL 1598, UL 8750, Wet Location Listed, IP65, IP66, IP67, 40 degree C Ambient Temperature rating, NSF International certified for NFS/ ANSI Standard 2 – Food Equipment.

**Manufacturing Origin:** US Manufactured and Assembled.

**Buy American Act:** The product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS, and DOT regulations.

**Warranty:** 10 Year L70 performance based warranty. For full warranty terms, please visit our website: [www.lumecon.com](http://www.lumecon.com).



**Performance Data**

Model	Watts	Equiv	Delivered Lumens	Efficacy	Model	Watts	Equiv	Delivered Lumens	Efficacy
LWS-VTW4-60-C-1-NW	60W	4-LAMP T8, 250W HID	8,942 Lm	149 LPW	LWS-VTW4-150-C-1-NW	150W	4-LAMP T5HO, 6-LAMP T8, 400W HID	19,430 Lm	130 LPW
LWS-VTW4-60-D-1-NW	60W	4-LAMP T8, 250W HID	8,342 Lm	139 LPW	LWS-VTW4-150-D-1-NW	150W	4-LAMP T5HO, 6-LAMP T8, 400W HID	18,128 Lm	122 LPW
LWS-VTW4-80-C-1-NW	80W	4-LAMP T8, 250W HID	11,924 Lm	149 LPW	LWS-VTW4-190-C-1-NW	190W	6-LAMP T5HO, 8-LAMP T8	24,747 Lm	130 LPW
LWS-VTW4-80-D-1-NW	80W	4-LAMP T8, 250W HID	11,125 Lm	139 LPW	LWS-VTW4-190-D-1-NW	190W	6-LAMP T5HO, 8-LAMP T8	23,089 Lm	121 LPW
LWS-VTW4-100-C-1-NW	100W	4-LAMP T5HO, 4-LAMP T5, 400W HID	13,218 Lm	132 LPW	LWS-VTW4-250-C-1-NW	250W	8-LAMP T5HO	34,572 Lm	142 LPW
LWS-VTW4-100-D-1-NW	100W	4-LAMP T5HO, 4-LAMP T5, 400W HID	12,332 Lm	123 LPW	LWS-VTW4-250-C-1-NW	250W	8-LAMP T5HO	32,255 Lm	132 LPW
LWS-VTW4-120-C-1-NW	120W	4-LAMP T5HO, 6-LAMP T8, 400W HID	15,630 Lm	130 LPW	LWS-VTW4-285-C-1-NW	285W	8-LAMP T5HO	41,000 Lm	149 LPW
LWS-VTW4-120-D-1-NW	120W	4-LAMP T5HO, 6-LAMP T8, 400W HID	14,583 Lm	121 LPW	LWS-VTW4-285-D-1-NW	285W	8-LAMP T5HO	38,370 Lm	139 LPW

**Ordering Information**

LWS-VTW4 - Options / Ordering Example: LWS-VTW4-60-C-1-NW-V-X-X-X-X

Wattage	Lens	Voltage	Color Temperature	Mounting Methods	Battery Back-Up
60 - 60 Watts	C - Clear Acrylic Impact Resistant	1 - 120v-277v	NW - 4000K	V - V-Hook	X - None
80 - 80 Watts	D - Diffused Acrylic Impact Resistant	2 - 347v-480v		F - Flexible Ceiling Mount	BB - Battery Backup 120-277v
100 - 100 Watts				R - Rigid Mount Beam	
120 - 120 Watts					
150 - 150 Watts					
190 - 190 Watts					
250 - 250 Watts					
285 - 285 Watts					

Factory Installed Cord Set	Factory Installed Nema	Occupancy Sensor
X - None	X - None	X - None
6 - 6'	515P - 15 amp 120V Straight Blade	OC1 - On/Off
12 - 12'	L515 - 15 amp 120V Twist Lock Plug	OC2 - Dim/High
	L615 - 15 amp 240V Twist Lock Plug	
	L715 - 15 amp 277V Twist Lock Plug	

**Options and Accessories Images**

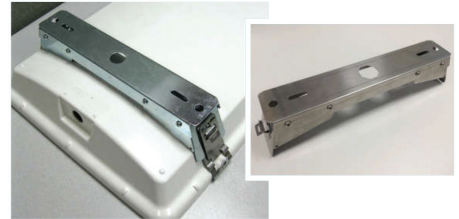
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**V - V-Hook**  
316 Stainless Steel V-Hook  
UL rated for 4X fixture weight



**F - Flexible Ceiling Mount**  
316 Stainless Steel Ceiling Mount  
attached directly to the ceiling



**R - Rigid Mount Beam**  
1/2" hub for Circle; 3/4" hub for Octagon Pendant  
hole. Mounting Strap with Operator Required.



**Cable Mount**  
Supplied by others