

VWB LED



APPLICATION

Wall/Ceiling mounted luminaire, and optional with integral ultrasonic motion sensor provides luminaire applications. Ideal for use in wall, corridors, stairwells, closets, laundry, bathrooms, dormitories, hallways and general work areas.

FEATURES:

- High-gloss white on die formed 20 gauge cold rolled steel housing and one-piece metal ends. Come as white finish. (Std.)
- Clear prismatic acrylic diffuser; optional smooth white acrylic diffuser.
- Optional One piece slide-on ends.
- Optional integral ultrasonic occupancy sensor to sense motion within a space and automatically turn lights on.
- Wall or ceiling mounted.

LED:

- Color Temperature: 2700/3000/3500/4000/5000 (K).
- LED Module: High efficiency up to 140 LPW.
- Calculated L70: 122,000 hours
- Reported L70: >54,000 hours
- Poke in wire connectors.
- Color variation within 3-step MacAdam ellipse.

ELECTRICAL:

- High power factor electronic driver, operate from a 120~277 Vac input range, 50 / 60 Hz.
- Dimming Control: 0-10V 10%~100% (std.), 1%~100% (optional).
- Optional step dimming for bi-level application.
- Power Factor: +0.9
- Efficiency: +85%
- Ambient Operating Temperature: -22°F (-30°C) ~ 122°F (50°C).
- Constant Current, Class 2.

<ELCU-200>

- Guarantees emergency lighting remains ON or is turned on when power to the control device is lost.
- Interfaces with fire alarm panel or security system.
- "Watchdog" feature allows emergency loads to be controlled in tandem with normal power loads.
- UL listed for use in emergency circuits.

LISTING:

- UL/CUL listed and labeled.
- Listed to UL 1598 and UL 8750.
- Suitable for damp locations.
- CEC Compliant EM (please contact for more information)
- Made in USA.
- 5 years limited warranty.
- 7 or 10 years limited warranty. (optional) ³

CONFIGURATIONS

Size	Nominal Watts	System Lumen
2FT	22W	2526 lm
	27W	3158 lm
3FT	28W	3735 lm
	42W	5068 lm
4FT	36W	4758 lm
	44W	5517 lm
	50W	6056 lm

: Based on 4000K.

STEP DIMMING CONFIGURATION

Model	Step Dim Wattage	Driver Current
VWB2	22.7W	500 mA
VWB3	26W	800 mA
	34.8W	1050 mA
	42W	1250 mA
VWB4	35.7W	800 mA
	48W	1050 mA

Model	Model Length	Min Watts	Max Watts
VWB	2FT	16.9W	28W
	3FT	24.7W	42W
	4FT	33.8W	56W

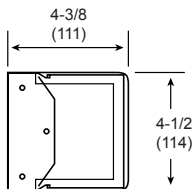
* Contact factory for custom wattage or lumen requirement.

OUTPUT CURRENT

		Bi-Level		Tri-Level (Default)	
SW1	SW2	Config Range	Default	Config Range	Default
Close	Open	10% - 70%	40%	10% - 70%	30%
Open	Close	10% - 70%	40%	10% - 70%	70%
Close	Close	100%	100%	100%	100%
Open	Open	0%	0%	0%	0%

COMPATIBLE DIMMERS:

- Leviton : IP710-DLX
- Lutron : DDTV-XX
- Encelium EMS : EN-LCM-1R10V-GB2-BK
- Encelium EMS : EN-LCM-1R10V-GB2-BK/DR
- Encelium EMS : EN-ALC-1R10V-GB2-BK
- Encelium EMS : EN-ALC-1R10V-GB2-BK-DR
- SYLVANIA : ELMC-SL3W-TVWBX/UNV
- Wattstopper : ADF-120277
- Synergy lighting Controls : ISD BC



Specifications: VWB
 Length: 24-1/4 (616)
 36-1/4 (921)
 48-1/4 (1226)
 Height: 4-1/2 (114)
 Width: 4-3/8 (111)

All dimensions are in inches (millimeters).



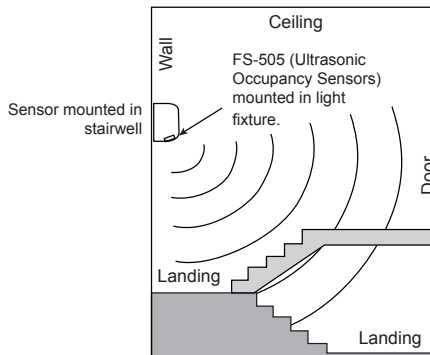
One-Piece Slide-On Ends & Ultrasonic Sensor

VWB LED

BI-LEVEL STAIRWELL

FS-505 Series sensors use high frequency (40 kHz) ultrasonic technology to sense motion within a space and automatically turn lights on even when the sensor has no direct line of sight to occupants.

FS-505 can provide bi-level lighting control in fixtures.



ORDERING INFORMATION

EXAMPLE: VWB-2-22L/40-UNV-DM

MODEL	LENGTH	LED		COLOR TEMP.		CRI		DIFFUSER		VOLTAGE	
VWB ¹	2 2' Length	22L	22W LED	/27	2700K ⁵	(Blank) C9	80+ CRI	(Blank)	Clear Prismatic Acrylic	UNV	120-277V
		27L	27W LED	/30	3000K						
	3 3' Length	28L	28W LED	/35	3500K						
		42L	42W LED	/40	4000K (Std.)						
	4 4' Length	36L	36W LED	/50	5000K						
		44L	44W LED								
		50L	50W LED								

* Contact factory for custom wattage or lumen requirement.

LED DRIVER		OPTIONS	
DM	0-10V 10~100% dim (Std.) ²	AB	Two Driver for AB Switch
DM1	0-10V 1~100% dim ²	EMG5	5W EM Battery Backup (CEC Compliant EM) ⁴
SD40	40% / 100% Bi-Level Step dim	EMG8	8W EM Battery Backup (CEC Compliant EM) ⁴
SDXX	XX% / 100% Bi-Level Step dim (Specify XX : 10% ~ 70%)	EMG16	16W EM Battery Backup (CEC Compliant EM) ⁴
TD30/70	30% / 70% / 100% Tri-Level Step dim	ELCU-200	Fail-to-on Emergency lighting, UL924 ⁷
TDXX/YY	XX% / YY% / 100% Tri-Level Step dim (Specify XX, YY : 10% ~ 70%)	GTD	Bodine Generator Transfer Device
ES566	eldoLED SOLOdrive Natural Dimming to dark, 0-10V, 100% ~ 0.1% dim	GTD10DIM	Bodine Generator Transfer Device (0-10VDC Dimmer Override)
EC	eldoLED ECOdrive 0-10V natural dim to 1% (Hybrid HydraDrive)	UMS	Ultrasonic Occupancy Sensors
LDE5	5-Series EcoSystem LED driver, 100% ~ 5% dim	HFMS	High Frequency Sensor w/ Hold-Off Daylight Control
LDE1	Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology, 100% ~ 1% dim	SOE	Slide-On Ends
PHSR	Philips Xitanium Sensor-Ready, Dali 5%~100% dim	O7W	Optional 7 Years Limited Warranty ³
		O10W	Optional 10 Years Limited Warranty ³

LIGHTING CONTROL SYSTEM	
VRF	<Lutron Vive System Enabled> Vive Integral fixture control (RF only), (Must be ordered with EcoSystem drivers or PHSR)
FCJS0	Vive Attached fixture control (RF only for 0-10V drivers)
FCJSE	Vive Attached fixture control (RF only for Lutron EcoSystem drivers)
FCJS0EM	UL 924 Emergency PowPak wireless fixture control for 0-10V drivers
FCJSEEM	UL 924 Emergency PowPak wireless fixture control for Ecosystem drivers
SNS200C	<EasySense> EasySense Ceiling-mount occupancy sensing, daylight harvesting and task tuning in one device (Must be ordered with PHSR driver) ⁸
RS-IR	IR dongle for EasySense control

NOTES:

- 2ft fixture not available (2) driver & EM option.
- Dimming Ballast options, see page 391.
- This limited warranty covers electrical parts only and does not apply to labor, equipment lease, or defect from improper installation or operation.
- Contact factory for other emergency ballast options.
- Available with C9 only.
- Lumen per watt is around 15% less than standard CRI (80+).
- Shipped separately.
- Please see Compatible Phone list in the separate attachment. If not listed, please order "RS-IR", and follow IR-Dongle user guide and NFC and IR app user's manual. Android users only.

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COMPATIBLE DIMMER SWITCH (TABLE 1)

Model #	Brand	Compatible Dimmer Switch	
(Blank)	-	<Leviton>	IlumaTech IP7 series
		<Lutron>	Visit www.lutron.com/advance for a list of dimmers (Mark VII) that will work with this driver.
		<Philips>	Sunrise : SR1200ZTUNV
ES566	eldoLED SOLOdrive	<Busch-Jaeger>	2112U-101
		<Jung>	240-10
		<Leviton>	IlumaTech - IP710-DLX
		<Lightoller Controls>	ZP600FAM120
		<Merten>	5729
		<Pass & Seymour>	CD4FB-W
		<Wattstopper>	DCLV1
		<Sensor Switch>	nIO EZ
		<Synergy>	ISD BC
		<ABB>	SD/S 2.16.1
		<Lutron>	Nova T: NTFTV Diva - DDTV-xx, NFTV GRAFIK Eye: GRX-TVI w GRX3503 Energy Savr Node: QSN-4T16-S TVM2 Module
		<Crestron>	GLX-DIMFLV8, GLXP-DIMFLV8, GLPAC-DIMFLV4-*, GLPAC-DIMFLV8-*, GLPP-DIMFLVEX-PM, GLPP-1DIMFLV2EX-PM, GLPP-1DIMFLV3EX-PM, DIN-AO8, DIN-4DIMFLV4, CLS-EXP-DIMFLV, CLCI-1DIMFLV2EX
		LDE5	Lutron Hi-Lume 1% EcoSystem
LDE1	Lutron 5-Series EcoSystem		

NOTES:

1. All devices connected to one FCJ/FCJS-ECO will be controlled together. Devices will dim to the same level as the result of a control command.
For more detail on adjusting low-end light level refer to Application Note#556 at www.lutron.com.
2. For the Line/Hot (L/H) terminal on the driver, it is preferred not to use the switched hot (red) wire from the control but rather the hot wire directly from the power source.