

## ULW3-2G



## APPLICATION

Wall or ceiling light. Acrylic diffuser with metal end caps. Ideal for use in public areas, corridors, locker rooms, laundry, bathrooms, stairwells and work areas.

## FEATURES:

- White finish as standard. (other finish available)
- Acrylic ribbed white lens 1.8mm thickness (15 gauge).
- Screw-in ends.
- Rocker switch flat knockout comes as standard.
- Paint after fabrication.

## MOUNTING:

- Wall or ceiling mounted.

## LED:

- High quality long-life LEDs.
- LM80
- Color Temperature: 2700/3000/3500/4000/5000 (K)
- Color Rendering Index: > 82.8
- Calculated L70: 122,000 hours
- Reported L70: +60,000 hours



UMS  
(Ultrasonic Occupancy Sensors)

## ELECTRICAL:

- High power factor electronic driver, operate from a 120 ~ 277 Vac input range, 50 / 60 Hz.
- Features included over voltage protection, surge, short circuit protection and over load protection.
- Power Factor: typical > 0.95, THD <20, meets Class1 or Class 2 circuit.
- Generic: 0-10V 10% dim. (GR)
- 0-10VDC dimming 1%~100%.
- Operating temperature: -4°F (-20°C) ~ 122°F (50°C).
- <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:

- ROHS.
- UL listed.
- Listed to UL 1598 and UL 8750.
- Suitable for damp locations.
- CEC Compliant EM (please contact for more information)
- ADA compliant (less than 4" off wall).
- ARRA compliant (optional).
- BAA compliant (optional).
- Trade Agreements Act compliant (optional).
- 7 or 10 years limited warranty. (optional)<sup>1</sup>
- Bluetooth Mesh System available, please contact factory for more information.

## CONFIGURATIONS

Series	Size	LED	Input Wattage	Lumen Output (4000K)	Lumen Efficiency
ULW3-2G	2FT	18LED	21.7W	2669 lm	123 lm/W
		27LED	30.7W	3776 lm	
		36LED	39.7W	4883 lm	
		54LED	57.7W	7097 lm	
	4FT	36LED	39.7W	4883 lm	
		54LED	57.7W	7097 lm	
		72LED	75.7W	9311 lm	

Multiplier		
3000K	3500K	5000K
0.9502	0.9837	1.0173

## 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%

# LED LINEAR WALL BRACKET

## ULW3-2G

### ORDERING INFORMATION

EXAMPLE: ULW3-2G-2-27LED-40K-UNV

MODEL	LENGTH	LED		COLOR TEMP.		EFFICACY		CRI	
ULW3-2G	2' 2' Length	18LED	18W LED	-27K	2700K <sup>3</sup>	(Blank)	Standard	(Blank)	80+ CRI
		27LED	27W LED	-30K	3000K	HE	High Efficacy 		90+ CRI <sup>4</sup>
		36LED	36W LED	-35K	3500K				
		54LED	54W LED	-40K	4000K (Std.)				
				-50K	5000K				

<sup>1</sup> Contact factory for custom wattage or lumen requirement.

DIFFUSER		VOLTAGE		FINISH		LED DRIVER			
(Blank)	Acrylic Ribbed White	UNV 120 277	120-277V (Std.) 120V 277V	(Blank) *BK **CC *AMB	Semi-Glossy White (Std.) Black (RAL#9011) Custom Color Anti-Microbial Coating (Matte Skye White)	GR DM1 SD40 SDXX TD30/70 TDXX/YY ES566 EC LDE1 ELV PHSR PHDL TDM ED560 LTEA2W	Generic, 0-10V 10% dim (Std.) <sup>7</sup> Generic 0-10V 1% dim 40% / 100% Bi-Level Step dim XX% / 100% Bi-Level Step dim (Specify XX : 10% ~ 70%) 30% / 70% / 100% Tri-Level Step dim XX% / YY% / 100% Tri-Level Step dim (Specify XX, YY : 10% ~ 70%) eldoLED SOLOdrive Natural Dimming to dark, 0-10V, 100% ~ 0.1% dim eldoLED ECodrive 0-10V natural dim to 1% (Hybrid HydraDrive) Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology, 100% ~ 1% dim ELV compatible (reverse-phase or trailing-edge), (120V only) Philips Xitanium Sensor-Ready, Dali 5%~100% dim Philips Xitanium DALI driver, Dim to 5% Triac Dim. (120V only) eldoLED LightShape DALI dim to dark, 0.1% ~ 100% Hi-lume 1% 2-wire LED driver (120V forward phase only)	 BLT	Bluetooth Mesh System (contact factory for more information)

OPTIONS		LIGHTING CONTROL SYSTEM			
<b>EMG8</b> <b>EMG15</b> <b>EMG20</b> <b>EMG25</b> <b>ELCU-200</b> <b>GO</b> <b>UMS</b> <b>UMS-UNV</b> <b>O7W</b> <b>O10W</b> <b>SP20-RD4</b> <b>ARRA</b> <b>BAA</b> <b>TA</b> <b>HC403</b> <b>HRC-05</b> <b>TR</b>		<b>LUTRON VIVE</b>  <b>SNS200C</b> <b>RS-IR</b> <b>PPA102S</b> <b>CASAMBI</b>			

#### NOTES:

1. This limited warranty covers electrical parts only and does not apply to labor, equipment lease, or defect from improper installation or operation.
2. Contact factory for other emergency ballast options.
3. Available with C9 only.
4. Lumen per watt is around 15% less than standard CRI (80+).
5. Shipped separately.
6. 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.
7. To find an approved dimmer switch, please see table 1.
9. See Table2 to find factory setting.

## ULW3-2G

## COMPATIBLE DIMMER SWITCH (TABLE 1)

Model #	Brand	Compatible Dimmer Switch	
(Blank)	-	<Leviton>	IP710-LFZ
		<Lutron>	Nova: NFTV-dimmer plus PP-DV relay pack(s) Nova T: NTSTV-DV-dimmer Diva: DVTV-dimmer, DVSTV-dimmer, plus PP-DV, relay pack(s), DVSTV-dimmer, DVSCSTV-dimmer GRAFIK Eye QS: QSGRJ-XP, plus GRX-TVI 0-10V interface GRAFIK Eye QS w/EcoSystem: QSGRJ-XE, QSGR-XE, plus GRX-TVI 0-10V interface
ES566	eldoLED SOLOdrive	<Busch-Jaeger>	2112U-101
		<Jung>	240-10
		<Leviton>	IllumaTech - 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 - DVTV-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
LDE1	Lutron 5-Series EcoSystem	<Lutron>	PowPak Dimming Modules: RMJ-ECO32-DV-B, FCJ/FCJS-ECO 1.2 Energi Savr Node (120V only): QSN-1EC0-S, QSN-2ECO-S GRAFIK Eye QS/Homeworks QS control unit (120V only): QSGRJ-_E(wireless) QSGR-_E Quantum Hub (120V only): QP2-_2C/4C/6C/8C Homeworks QS/myRoom Plus power module (120V only): LQSE-2ECO-D
LTEA2W	Lutron Hi-lume 2-wire (120V forward voltage only)	<Lutron>	Visit <a href="http://www.lutron.com/TechnicalDocumentLibrary/369543_ENG.pdf">http://www.lutron.com/TechnicalDocumentLibrary/369543_ENG.pdf</a> for a list of compatible dimmer switches.
TDM	KEYSTONE	<Lutron>	Diva DV-600P, SkyLark S-600P, Ariadni AY-600P, Ariadni TG-603P, Maestro MA-600 (Digital), Diva CFL/LED DVCL-153P, Satin Colors DVSC-600P-SW
		<Leviton>	6641, IllumaTech IPI06-1LX, ToggleTouch TGI06-1LW (Digital)
ELV	KEYSTONE	<Lutron>	MAELV-600BL (Digital), DVELV-300P, SkyLark SELV-300P

## NOTES:

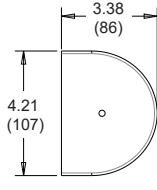
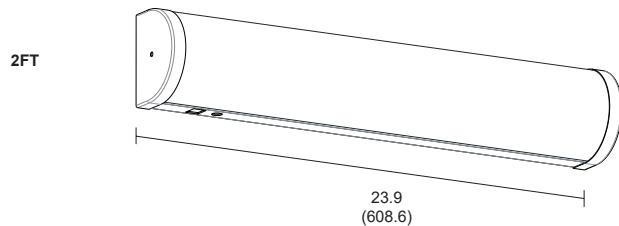
- All devices connected to one FCJ/FCJS-ECO will be controlled together. Devices will dim to the same level as the result of a control command.  
For more detail on adjusting low-end light level refer to Application Note#556 at [www.lutron.com](http://www.lutron.com).
- For the Line/Hot (L/H) terminal 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.

## HC403 FACTORY SETTING (TABLE 2)

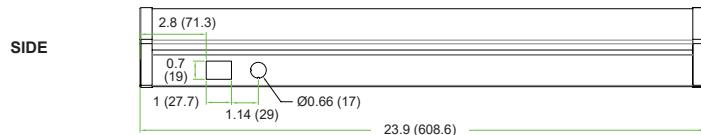
Detection Area	100%
Hold-time	5 sec
Daylight sensor	Disable
Stand-by period (tri-level control)	10 sec
Stand-by dimming level	10%

\* See a separate attachment to find more setting options.

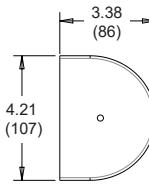
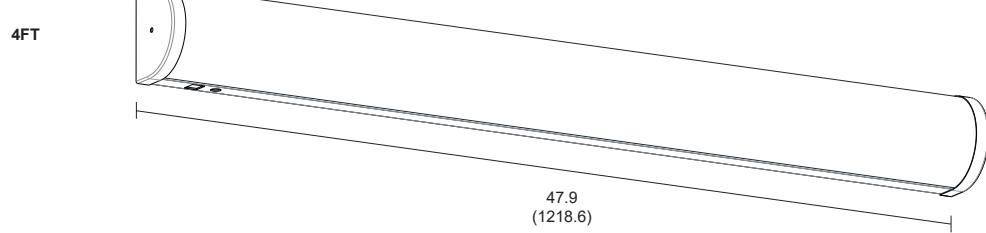
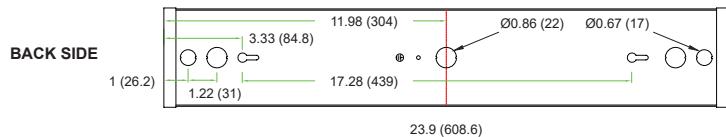
## ULW3-2G



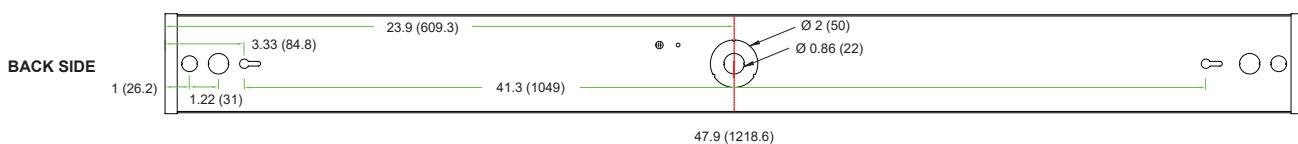
END PLATE



All dimensions are in inches (millimeters).

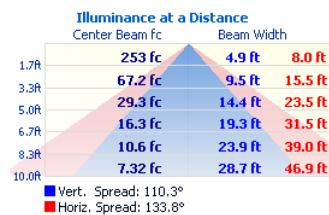


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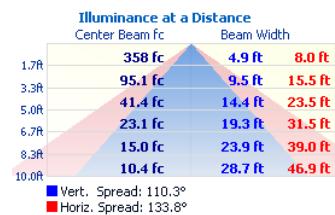


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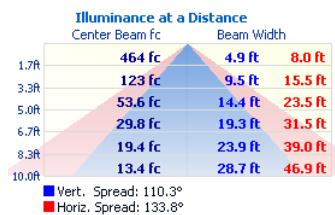
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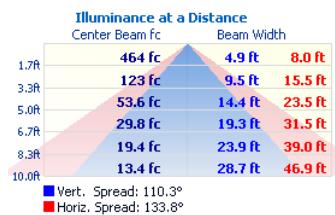
**ULW3-2G-2-27LED**



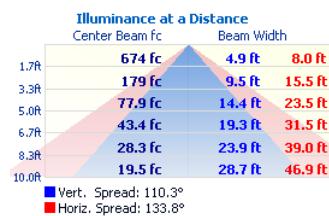
**ULW3-2G-2-36LED**



**ULW3-2G-4-36LED**



**ULW3-2G-4-54LED**



**ULW3-2G-4-72LED**

