

ULW3-2G

Project Name:

Type:



CASAMBI

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



UWS
(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) ¹
- 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%


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ORDERING INFORMATION

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

MODEL	LENGTH	LED	COLOR TEMP.	EFFICACY	CRI
ULW3-2G	2 2' Length	18LED 18W LED 27LED 27W LED 36LED 36W LED 54LED 54W LED	-27K 2700K ³ -30K 3000K -35K 3500K -40K 4000K (Std.) -50K 5000K	(Blank) HE Standard High Efficacy 	(Blank) C9 80+ CRI 90+ CRI ⁴
	4 4' Length	36LED 36W LED 54LED 54W LED 72LED 72W LED			

* Contact factory for custom wattage or lumen requirement.

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

OPTIONS	LIGHTING CONTROL SYSTEM
EMG8 1296 LUMEN EM Battery Backup (CEC Compliant EM) ² EMG15 2430 LUMEN EM Battery Backup (CEC Compliant EM) ² EMG20 3240 LUMEN EM Battery Backup (CEC Compliant EM) ² EMG25 4050 LUMEN EM Battery Backup (CEC Compliant EM) ² ELCU-200 Fail-to-on Emergency lighting, UL924 ⁵ GO Convenience Outlet (3 prong) installed UMS Low voltage On/Off with time-delay Ultrasonic Occupancy Sensor, Bi-level enabled with Step-dim driver UMS-UNV Line voltage On/Off with time-delay Ultrasonic Occupancy Sensor, Bi-level enabled with Step-dim driver O7W Optional 7 Years Limited Warranty ¹ O10W Optional 10 Years Limited Warranty ¹ SP20-RD4 Fail to On Relay ARRA Assembled in USA for Buy American Act BAA BAA(Buy American Act) and BABA(Build America Buy America) compliant TAA Trade Agreements Act compliant HC403 Hytronik Daylight Harvesting Occupancy Sensor, adjustable via DIP switch ⁹ HRC-05 Remote control for HC403 senso TR Tamper proof screws	LUTRON VIVE Lutron Vive System Enabled  Click Here! SNS200C EasySense EasySense Ceiling-mount occupancy sensing, daylight harvesting and task tuning in one device (Must be ordered with PHSR driver) ⁶ RS-IR IR dongle for EasySense control PPA102S Bluetooth Bluetooth Powerpack (Consult factory for installation location) CASAMBI Contact factory for CASAMBI READY options

NOTES:

- 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.
- To find an approved dimmer switch, please see table 1.
- See Table2 to find factory setting.

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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, DVSCTV-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>	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 - 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-A08, 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-1ECO-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 http://www.lutron.com/TechnicalDocumentLibrary/369543_ENG.pdf 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, IlumaTech 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.
- 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.

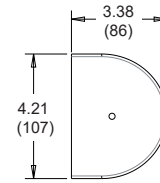
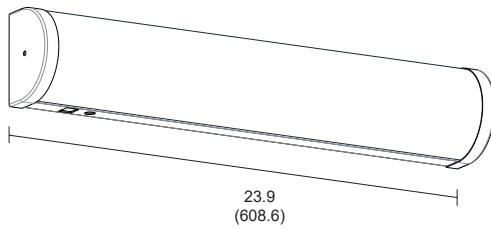
HC403 FACTORY SETTING (TABLE 2)

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.

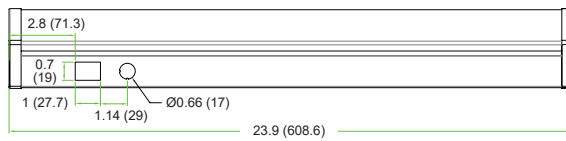
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2FT



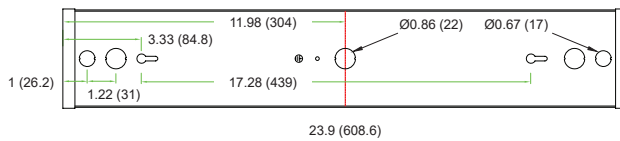
END PLATE

SIDE

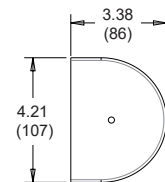
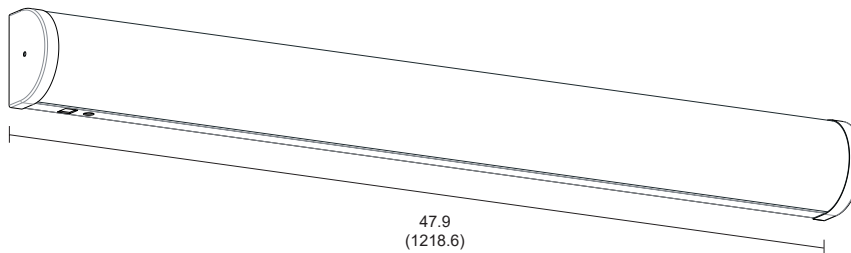


All dimensions are in inches (millimeters).

BACK SIDE

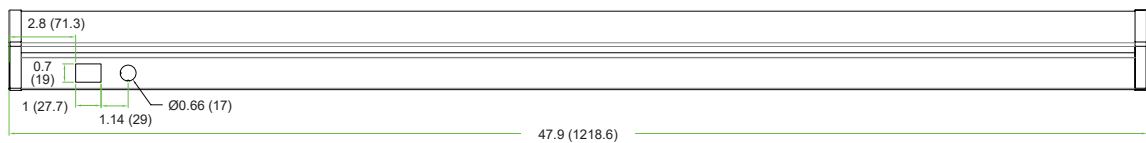


4FT

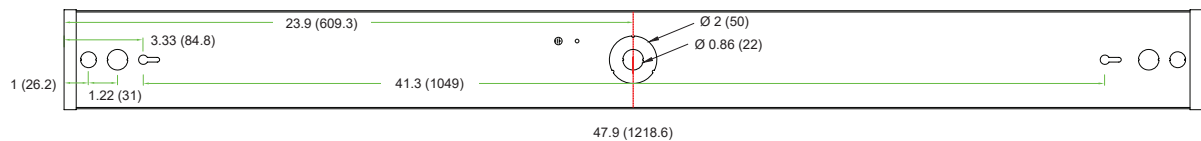


END PLATE

SIDE

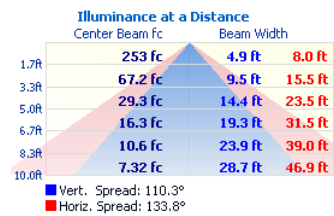


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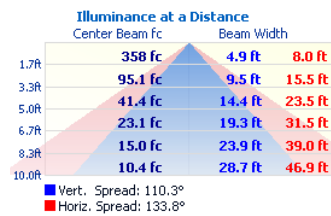


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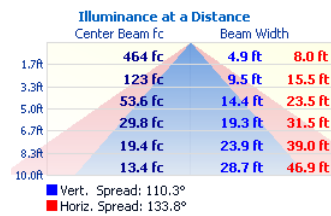
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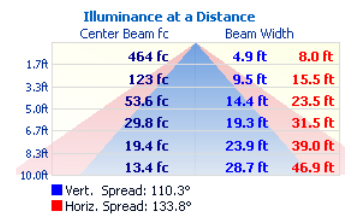
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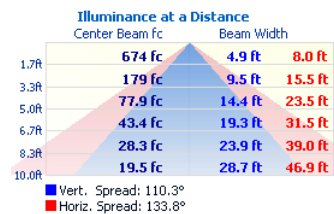
ULW3-2G-2-36LED



ULW3-2G-4-36LED



ULW3-2G-4-54LED



ULW3-2G-4-72LED

