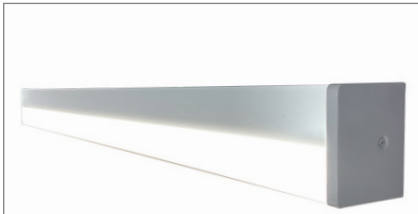


## ULW4-2G-BED

Project Name:

Type:



Side View (uplight - off, downlight - on)



CASAMBI

## APPLICATION

This LED overbed light emulates the traditional bi-directional fixtures used throughout hospitals and general medical / nursing industry.

## FEATURES:

- White finish as standard. (other finish available)
- One-piece acrylic ribbed white lens with panel inside to produce bi-directional light.
- Screw-in ends.
- 4-way pull switch is standard.
- Paint after fabrication.

## MOUNTING:

- Wall 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

## 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).

## &lt;ELCU-200&gt;

- 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 listed.
- Listed to UL 1598 and UL 8750.
- Suitable for damp locations.
- ADA compliant (less than 4" off wall).
- ARRA compliant (optional).
- BAA compliant (optional).
- Trade Agreements Act compliant (optional).
- 5 years limited warranty.
- 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 (Up & Down) <sup>1</sup>	Lumen Output (Up & Down) <sup>1</sup>	Lumen Efficiency
ULW4-2G	2FT	18LED	21.7W	2405 lm	110.8 lm/W
		27LED	30.7W	3402 lm	
		36LED	39.7W	4399 lm	
		45LED	48.7W	5396 lm	
		54LED	57.7W	6394 lm	
	4FT	18LED	21.7W	2405 lm	
		27LED	30.7W	3402 lm	
		36LED	39.7W	4399 lm	
		45LED	48.7W	5396 lm	
		54LED	57.7W	6394 lm	
		63LED	66W	7312 lm	
		72LED	75.7W	8388 lm	


## NOTES:


1. The wattage in the configuration chart is a combination of UP and DOWN.

# LED LINEAR BED LIGHT

## ORDERING INFORMATION

EXAMPLE: ULW4-2G-BED-4-D27LED/U27LED-40K-UNV

MODEL	LENGTH		LED Downlight		LED Uplight		COLOR TEMP.		EFFICACY		CRI	
ULW4-2G-BED	2	2' Length	D9LED D18LED D27LED	9W LED 18W LED 27W LED	/U9LED /U18LED /U27LED	9W LED 18W LED 27W LED	-27K -30K -35K -40K -50K	2700K <sup>2</sup> 3000K 3500K 4000K (Std.) 5000K	(Blank) HE	Standard High Efficacy 	(Blank) C9	80+ CRI 90+ CRI <sup>3</sup>
	4	4' Length	D9LED D18LED D27LED D36LED	9W LED 18W LED 27W LED 36W LED	/U9LED /U18LED /U27LED /U36LED	9W LED 18W LED 27W LED 36W LED						
* Contact factory for custom wattage or lumen requirement.												

DIFFUSER	VOLTAGE	DISTRIBUTION	LED DRIVER
<b>(Blank)</b> Acrylic Ribbed White	<b>UNV</b> 120-277V (Std.) <b>120</b> 120V <b>277</b> 277V	<b>PS4</b> 4-way pull switch (down, up, on and off) (Std.)	<b>GR DM1 TDXX/YY LDE1</b> Generic, 0-10V 10% dim (Std.) <sup>6</sup> Generic 0-10V 1% dim 30% / 70% / 100% Tri-Level Step dim XX% / YY% / 100% Tri-Level Step dim (Specify XX, YY : 10% ~ 70%) Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology, 100% ~ 1% dim <b>ELV</b> ELV compatible (reverse-phase or trailing-edge), (120V only) <b>TDM</b> Triac Dim. (120V only) <b>LTEA2W</b> Hi-lume 1% 2-wire LED driver (120V forward phase only)
			 <b>BLT</b> Bluetooth Mesh System (contact factory for more information)

OPTIONS	LIGHTING CONTROL SYSTEM
<b>SP20-RD4</b> Fail to On Relay <b>ARRA</b> Assembled in USA for Buy American Act <b>BAA</b> BAA(Buy American Act) and BABA(Build America Buy America) compliant <b>TAA</b> Trade Agreements Act compliant <b>EMG8</b> 1296 LUMEN EM Battery Backup (CEC Compliant EM) <sup>5,7</sup> <b>EMG15</b> 2430 LUMEN EM Battery Backup (CEC Compliant EM) <sup>5,7</sup> <b>EMG20</b> 3240 LUMEN EM Battery Backup (CEC Compliant EM) <sup>5,7</sup> <b>EMG25</b> 4050 LUMEN EM Battery Backup (CEC Compliant EM) <sup>5,7</sup> <b>ELCU-200</b> Fail-to-on Emergency lighting, UL924 <sup>4</sup> <b>GO</b> Convenience Outlet (3 prong) installed <b>O7W</b> Optional 7 Years Limited Warranty <sup>1</sup> <b>O10W</b> Optional 10 Years Limited Warranty <sup>1</sup> <b>AMB</b> Anti-Microbial Coating (Matte Skye White) <b>RS</b> Rocker Switch Installed	<b>PPA102S</b> <Bluetooth> Bluetooth Powerpack (Consult factory for installation location) <b>CASAMBI</b> 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.
- Available with C9 only.
- Lumen per watt is around 15% less than standard CRI (80+).
- Shipped separately.
- Contact factory for other emergency ballast options.
- To find an approved dimmer switch, please see table 1.
- May not be available with 2ft housing due to limited space. Please contact the factory for more information.

## COMPATIBLE DIMMER SWITCH (TABLE 1)

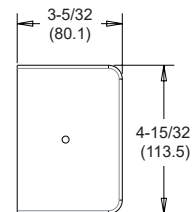
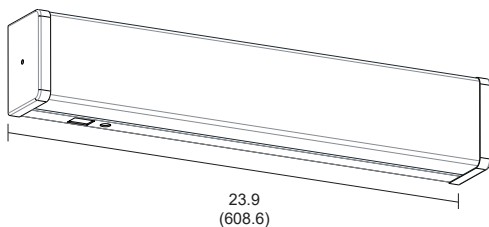
Model #	Brand	Compatible Dimmer Switch
(Blank)	-	<Leviton> IllumaTech IP7 series
		<Lutron> Visit <a href="http://www.lutron.com/advance">www.lutron.com/advance</a> for a list of dimmers (Mark VII) that will work with this driver.
		<Philips> Sunrise : SR1200ZTUNV
LDE1	Lutron 5-Series EcoSystem	PowPak Dimming Modules: RMJ-ECO32-DV-B, FCJ/FCJS-ECO <sup>1,2</sup> 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)	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	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
ELV	KEYSTONE	<Leviton> 6641, IllumaTech IPI06-1LX, ToggleTouch TGI06-1LW (Digital)
		<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.

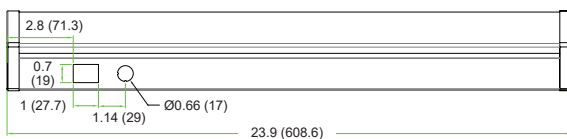
# ULW4-2G-BED

2FT

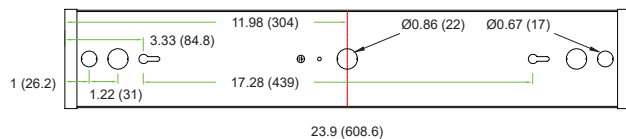


END PLATE

SIDE

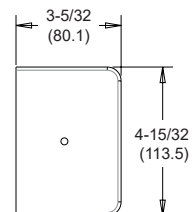
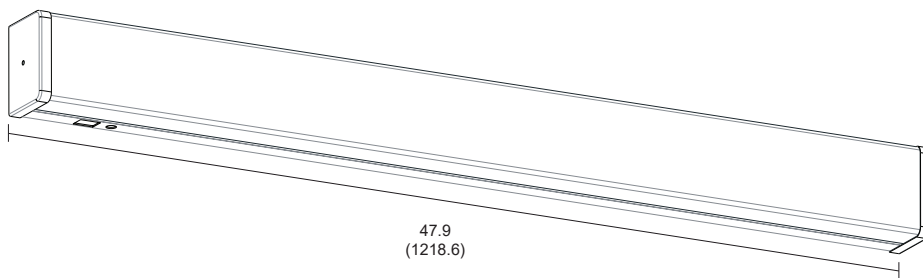


BACK SIDE



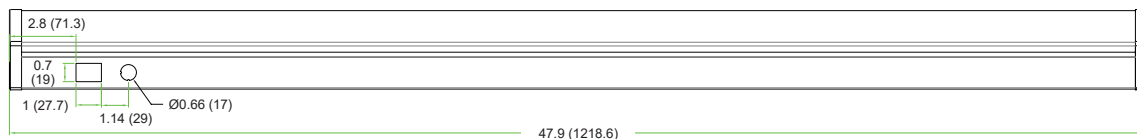
All dimensions are in inches (millimeters).

4FT



END PLATE

SIDE



BACK SIDE

