ULW4-2G-BED

Project Name:	
Type:	

Side View (uplight - off, downlight - on)
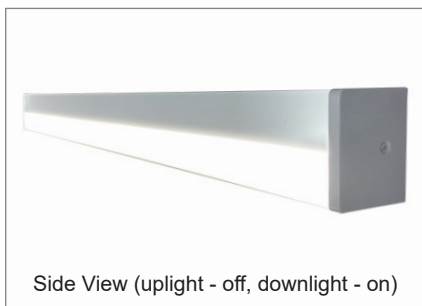
APPLICATION

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.
- Philips Xitanium: 0-10V Dim to 1%(PH).
- Osram Optotronic: 0-10V Dim to 1%(OS1) or 10%(OS).
- 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:

- 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).
- 5 years limited warranty.
- 7 or 10 years limited warranty. (optional) [1]
- Bluetooth Mesh System available, please contact factory for more information.

CONFIGURATIONS

Series	Size	LED	Input Wattage (Up & Down) [1]	Lumen Output (Up & Down) [1]	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.

UTOPIA LIGHTING

LED LINEAR BED LIGHT

ORDERING INFORMATION

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 [2] 3000K 3500K 4000K (Std.) 5000K	**(Blank)** **HE**	Standard High Efficacy 10%	**(Blank)** **C9**	80+ CRI 90+ CRI [3]
	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	
(Blank) Acrylic Ribbed White	**UNV** **120** **277**	120-277V (Std.) 120V 277V	**PS4** 4-way pull switch (down, up, on and off) (Std.)	**GR** **DM1** **PH** **OS** **OS1** **TD30/70** **TDXX/YY** **LDE1** **ELV** **TDM** **LTEA2W**	Generic, 0-10V 10% dim (Std.) [6] Generic 0-10V 1% dim Philips Xitanium, 0-10V 1% dim [6] Osram Optotronic, 0-10V 10% dim [6] Osram Optotronic, 0-10V 1% dim [6] 30% / 70% / 100% Tri-Level Step dim (PH only) XX% / YY% / 100% Tri-Level Step dim (Specify XX, YY : 10% ~ 70%) (PH only) 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) Triac Dim. (120V only) Hi-lume 1% 2-wire LED driver (120V forward phase only)
				🔵 **BLT**	Bluetooth Mesh System (contact factory for more information)

OPTIONS		LIGHTING CONTROL SYSTEM	
SP20-RD4 **ARRA** **BAA** **EMG8** **EMG15** **EMG20** **EMG25** **ELCU-200** **GO** **O7W** **O10W** **AMB** **RS**	Fail to On Relay Assembled in USA for Buy American Act BAA(Buy American Act) and BABA(Build America Buy America) compliant 1296 LUMEN EM Battery Backup (CEC Compliant EM) [5, 7] 2430 LUMEN EM Battery Backup (CEC Compliant EM) [5, 7] 3240 LUMEN EM Battery Backup (CEC Compliant EM) [5, 7] 4050 LUMEN EM Battery Backup (CEC Compliant EM) [5, 7] Fail-to-on Emergency lighting, UL924 [4] Convenience Outlet (3 prong) installed Optional 7 Years Limited Warranty [1] Optional 10 Years Limited Warranty [1] Anti-Microbial Coating (Matte Skye White) Rocker Switch Installed	**PPA102S**	<Bluetooth> Bluetooth Powerpack (Consult factory for installation location)

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. Available with C9 only.
3. Lumen per watt is around 15% less than standard CRI (80+).
4. Shipped separately.
5. Contact factory for other emergency ballast options.
6. To find an approved dimmer switch, please see table 1.
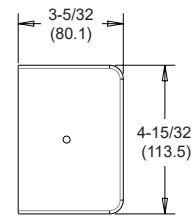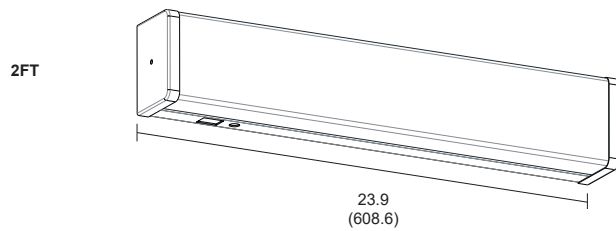7. May not be available with 2ft housing due to limited space. Please contact the factory for more information.

COMPATIBLE DIMMER SWITCH (TABLE 1)

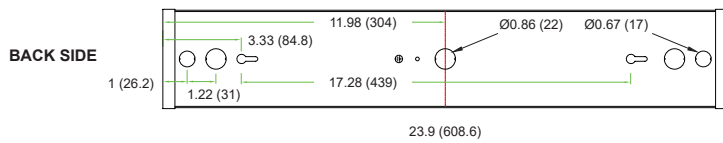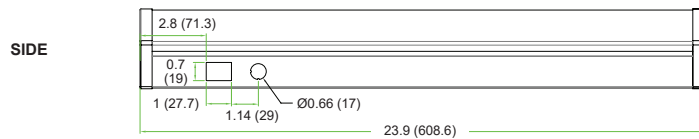| Model #	Brand	Compatible Dimmer Switch	
(Blank)	-	<Leviton>	IllumaTech IP7 series
		<Lutron>	Visit www.lutron.com/advance for a list of dimmers (Mark VII) that will work with this driver.
		<Philips>	Sunrise : SR1200ZTUNV
LDE1	Lutron 5-Series EcoSystem	<Lutron>	PowPak Dimming Modules: RMJ-ECO32-DV-B, 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 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, IllumaTech IPI06-1LX, ToggleTouch TGI06-1LW (Digital)
ELV	KEYSTONE	<Lutron>	MAELV-600BL (Digital), DVELV-300P, SkyLark SELV-300P

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.
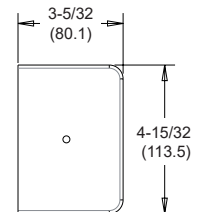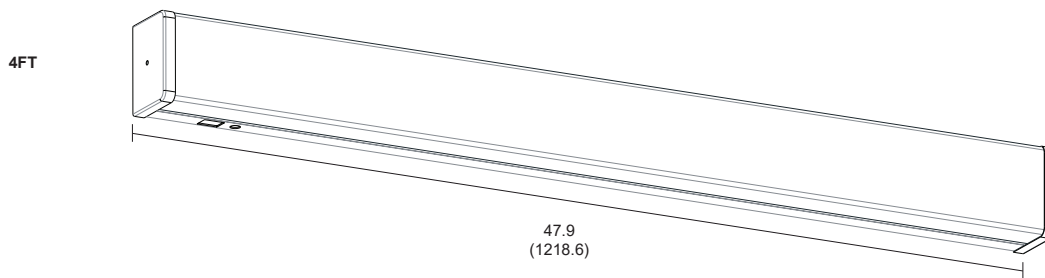
LED LINEAR BED LIGHT
ULW4-2G-BED

2FT

23.9
(608.6)

3-5/32
(80.1)

4-15/32
(113.5)

END PLATE

SIDE

2.8 (71.3)

0.7
(19)

1 (27.7)

1.14 (29)

Ø0.66 (17)

23.9 (608.6)

All dimensions are in inches (millimeters).

BACK SIDE

11.98 (304)

3.33 (84.8)

Ø0.86 (22)

Ø0.67 (17)

1 (26.2)

1.22 (31)

17.28 (439)

23.9 (608.6)

4FT

47.9
(1218.6)

3-5/32
(80.1)

4-15/32
(113.5)

END PLATE

SIDE

2.8 (71.3)

0.7
(19)

1 (27.7)

1.14 (29)

Ø0.66 (17)

47.9 (1218.6)

BACK SIDE

23.9 (609.3)

3.33 (84.8)

Ø 2 (50)

Ø 0.86 (22)

1 (26.2)

1.22 (31)

41.3 (1049)

47.9 (1218.6)

UTOPIA LIGHTING