

CW LED

Project Name:	
Type:	



APPLICATION

New narrow surface ceiling or wall mount wrap fixtures. The linear LED lighting fixture with prismatic acrylic diffuser provides sufficient up light, and delivers diffuse and moderate down light in areas. Use for corridors and stairwells, utility closets and small office areas.

FEATURES:

- 100% acrylic, high-impact, injection molded prismatic basket diffuser with flat bottom and vertical sides.
- Diffuser choice prismatic acrylic.
- Die formed, cold-rolled, heavy gauge steel housing construction provides durability and strength.
- Lens are capable of being hinged from either side for easy cleaning and service.
- Screw latch system secures lens to base housing. (Wall mount)
- Finish is high-gloss baked white enamel over rust inhibiting phosphate coating for maximum corrosion resistance.

MOUNTING:

- Surface or stem mounting for individual installation.
- For ceiling or wall mounting.
- End to end row mounting available with the standard KO provided on the end cap.
- Compatible with most ceiling types.

LED:

- Color Temperature: 2700/3000/3500/4000/5000 (K).
- LED Module: High efficiency up to 162 LPW.
- Calculated L70: 122,000 hours
- Reported L70: >54,000 hours
- Poke in wire connectors.

ELECTRICAL:

- High power factor electronic driver, operate from a 120~277 Vac input range, 50 / 60 Hz.
- Philips Xitanium: 0-10V Dim to 1%(PH).
- Universal Lighting Everline : 0-10V Dim to 1%(ULT)
- Osram Optotronic: 0-10V Dim to 1%(OS1) or 10%(OS).
- Generic : 0-10V 10% dim. (GR)
- Power Factor: +0.9
- Efficiency: +85%
- Ambient Operating Temperature: -4°F (-20°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 listed.
- Listed to UL 1598 and UL 8750.
- Suitable for dry and damp location.
- CEC Compliant EM (please contact for more information)
- Optional ARRA compliant.
- 5 years limited warranty.
- 7 or 10 years limited warranty. (optional)³
- Bluetooth Mesh System available, please contact factory for more information.

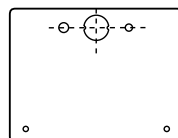
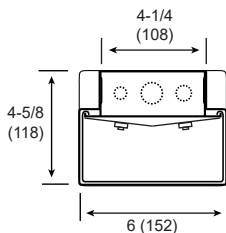
CONFIGURATIONS

Series	Size	LED Watts	Lumen Output
CW	2FT	18W	1858 lm
		27W	2736 lm
	3FT	27W	2736 lm
		33W	3344 lm
		40W	4053 lm
	4FT	36W	3438 lm
		44W	4141 lm
		54W	5082 lm
	8FT	72W	6600 lm
		88W	8006 lm
108W		9825 lm	

* Based on 4000K.

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%



Standard End

Specifications: CW-2

Length: 24 (609)
Width: 6 (152)
Depth: 4-5/8 (118)
Weight: 6.9 lbs (3.13 kg)

Specifications: CW-4

Length: 48 (1220)
Width: 6 (152)
Depth: 4-5/8 (118)
Weight: 10.87 lbs (4.93 kg)

Specifications: CW-8


Length: 48 (2438)
Width: 6 (152)
Depth: 4-5/8 (118)
Weight: 19.69 lbs (8.93 kg)

All dimensions are in inches (millimeters).


CW LED


ORDERING INFORMATION

EXAMPLE: CW-4-44LED-40K-C-UNV-GR

MODEL	LENGTH	LED	COLOR TEMP.	EFFICACY	CRI	DIFFUSER	VOLTAGE							
CW	2	2' Length	18LED	18W LED	-27K	2700K ⁵	(Blank) HE	Standard High Efficacy 	(Blank) C9	80+ CRI 90+ CRI ⁶	C Prismatic Clear Acrylic Diffuser	UNV	120-277V	
	3	3' Length	27LED	27W LED	-30K	3000K								120V
	4	4' Length	33LED	33W LED	-35K	3500K								277V
	8	8' Length	36LED	36W LED	-40K	4000K								347V
			40LED	40W LED	-50K	5000K								
			44LED	44W LED										
			54LED	54W LED										
			72LED	72W LED										
			88LED	88W LED										
			108LED	108W LED										

* Contact factory for custom wattage or lumen requirement.

LED DRIVER		OPTIONS	
GR	Generic, 0-10V 10% dim (Std.) ⁴	AB	AB Switching
PH	Philips Xitanium, 0-10V 1% dim ⁴	EMG8	1296 LUMEN EM Battery Backup(CEC Compliant EM) ^{1,2}
ULT	Universal Everline 0-10V 1% dim ⁴	EMG15	2430 LUMEN EM Battery Backup(CEC Compliant EM) ^{1,2}
OS	Osram Optotronic, 0-10V 10% dim ⁴	EMG20	3240 LUMEN EM Battery Backup(CEC Compliant EM) ^{1,2}
OS1	Osram Optotronic, 0-10V 1% dim ⁴	ELCU-200	Fail-to-on Emergency lighting, UL924 ⁷
SD40	40% / 100% Bi-Level Step dim (PH only)	GTD	Bodine Generator Transfer Device
SDXX	XX% / 100% Bi-Level Step dim (Specify XX : 10% ~ 70%) (PH only)	GTD10DIM	Bodine Generator Transfer Device (0-10VDC Dimmer Override)
TDM	Triac Dim. (120V only)	GLR	Fast Blow Fuse ²
TD30/70	30% / 70% / 100% Tri-Level Step dim (PH only)	GMF	Slow Blow Fuse ²
TDXX/YY	XX% / YY% / 100% Tri-Level Step dim (Specify XX, YY : 10% ~ 70%) (PH only)	ARRA	Assembled in USA for Buy American Act
ES566	eldoLED SOLOdrive Natural Dimming to dark, 0-10V, 100% ~ 0.1% dim	MS	Motion Sensor
EC	eldoLED ECOdrive 0-10V natural dim to 1% (Hybrid HydraDrive)	RS-LRD	Remote programmer for LRD-509S and LPS-509S
LDE1	Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology, 100% ~ 1% dim	HLMS	0-10V SmartDIM or multi-level high/low dim control occupancy sensor with standard cone shape lens @ 15' height (up to 30' coverage) attached with 1.97" extension joint (*IR remote programmable) ⁸
ELV	ELV compatible (reverse-phase or trailing-edge)	DD	Day Light Sensor for automatic daylighting control, 120-277V (*Relay contacts engaged when ambient is lower than ON setpoint, disengaged when ambient is higher than OFF setpoint)
PHSR	Philips Xitanium Sensor-Ready, Dali 5% ~ 100% dim.	DDH	Day Light sensor for daylight harvesting control, 0-10V high/low dim or SmartDim control for Fluorescent and LED, 120-277V, DSVM control enabled with IR remote programmer. (*Maintain overall ambient light level within the preset range) ⁸
PHDL	Philips Xitanium DALI driver, Dim to 5%	HFMS	High Frequency Sensor w/ Hold-Off Daylight Control.
DIMT	Tri-mode dimming (Triac, ELV, 0-10V)	O7W	Optional 7 Years Limited Warranty ³
LTEA2W	Hi-lume 1% 2-wire LED driver (120V forward phase only)	O10W	Optional 10 Years Limited Warranty ³
 BLT	Bluetooth Mesh System (contact factory for more information)	AMB	Anti-Microbial Coating (Matte Skye White)

LIGHTING CONTROL SYSTEM	
LUTRON VIVE	<Lutron Vive System Enabled>  Click Here!
SNS200C RS-IR	<EasySense> EasySense Ceiling-mount occupancy sensing, daylight harvesting and task tuning in one device (Must be ordered with PHSR driver) ^{9,10} IR dongle v2.0 for EasySense control

NOTES:

- Contact factory for other emergency ballast options.
- Must specify voltage, not available with 347V.
- This limited warranty covers electrical parts only and does not apply to labor, equipment lease, or defect from improper installation or operation. (EM battery backup does not included)
- To find an approved dimmer switch, please see table 1.
- Available with C9 only.
- Lumen per watt is around 15% less than standard CRI (80+).
- Shipped separately.
- Its default setting can be found on the IR-TEC installation instructions.
- See NFC and IR manual in the separate attachment. If your phone is not compatible, please order "RS-IR" and follow the manual.
- Refer to Advanced Grouping Datasheet for its default setting and compatible wireless switches.

COMPATIBLE DIMMER SWITCH (TABLE 1)

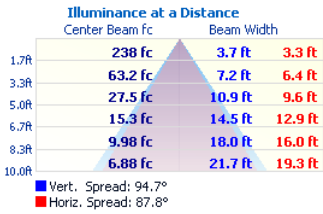
Model #	Brand	Compatible Dimmer Switch	
(Blank)	-	<Leviton>	IlumaTech IP7 series
		<Lutron>	Visit www.lutron.com/advance for a list of dimmers (Mark VII) that will work with this driver.
		<Philips>	Sunrise : SR1200ZTUNV
ES566	eldoLED SOLOdrive	<Busch-Jaeger>	2112U-101
		<Jung>	240-10
		<Leviton>	IlumaTech - 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-DIMFLVV8-*, GLPP-DIMFLVEX-PM, GLPP-1DIMFLV2EX-PM, GLPP-1DIMFLV3EX-PM, DIN-AO8, DIN-4DIMFLV4, CLS-EXP-DIMFLV, CLCI-1DIMFLV2EX
LDE1	Lutron Hi-lume 1% 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
PHSR ³	Philips Xitanium Sensor-Ready	<Ilumra>	<u>Single Rocker Self-Powered Light Switch (on/off, dim-up/down)</u> Ilumra# ZBT-S1AWH Digi-Key# 1082-1033-ND <u>Dual Rocker Self-Powered Light Switch (on/off, dim-up/down, scene1,2)</u> Ilumra# ZBT-S2AWH Digi-Key# 1082-1034-ND
ELV/TDM	ERP	<Lutron>	S-603PG, DVCL-153P, DV-600P, TGCL-153P, S-600P, DVELV-303P, SELV-300P, TG-600P, LG-600P, CT-103P, MAELV-600, FAELV-500
		<Leviton>	IPI06-1LZ, 6631-2, VPE06,6683-IW, 6161, 6633-P, IPE04
		<Cooper>	DLC03P, SLC03P, DAL06P
		<Lightolier>	ZP260QEW
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.

NOTES:

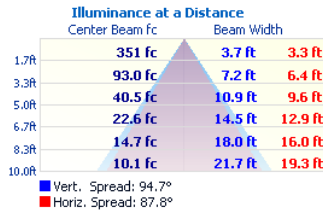
- All devices connected to one FCJ/FCJS-ECO will be controlled together. Devices will dim to the same level as the result of a control command. For more detail on adjusting low-end light level refer to Application Note#556 at www.lutron.com.
- For the Line/Hot (L/H) terminal on the driver, it is preferred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

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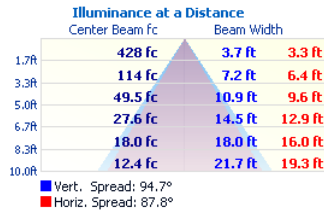
CW-2-18LED



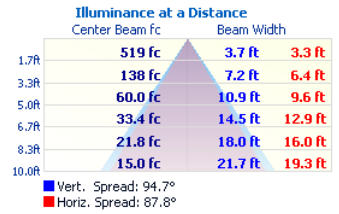
CW-2-27LED



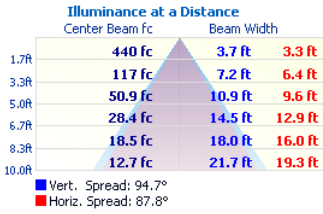
CW-3-33LED



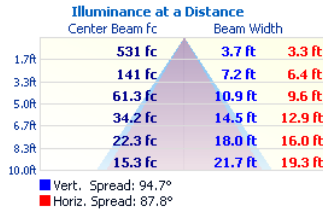
CW-3-40LED



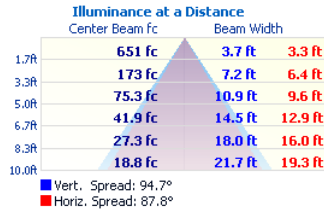
CW-4-36LED



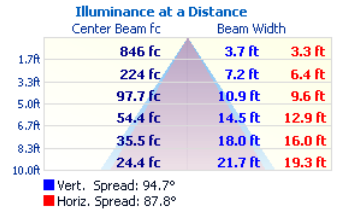
CW-4-44LED



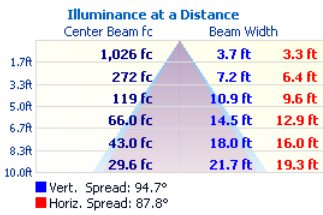
CW-4-54LED



CW-8-72LED



CW-8-88LED



CW-8-108LED

