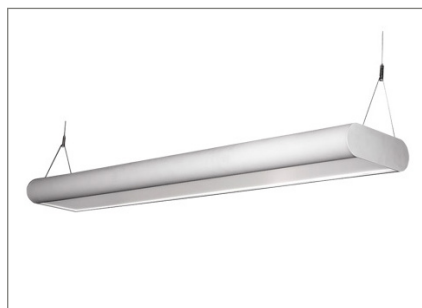


CURVA LED

Project Name:	
Type:	



APPLICATION

Architectural indoor, direct/indirect suspended light for LED system and fluorescent lamps. Reflected from the ceiling it creates soft and diffused lighting that ensures maximum visual comfort and balanced shadows. It can be installed individually or in a continuous line. Use for general office, banking, retail and educational environments.

FEATURES:

- 4' fixture sections for nominal suspension spacing of 4'. Using 4' sections can be joined to form longer length fixtures.
- Extruded Aluminum Housing. (9"wide x 3"deep)
- Textured matte white polyester powder paint.
- Up light and down light distribution available. (Customized distribution available)
- Die cast aluminum flat end caps.

SHIELDING:

- Premium smooth white acrylic diffuser.

MOUNTING:

- Suspended mounting provided with adjustable aircraft suspension system.
- Optional surface mounting available.

LED:

- Samsung LEDs available in 2700/3000/3500/4000/5000K color temperature.
- Nominal Lamp Life: 100,000 hours.
- Reported L70 hours: +60,000 (55°C).
- Custom wattage and lumen available upon request.
- CRI 80+

ELECTRICAL:

- High power factor electronic driver, operate from a 120~277 Vac input range, 50 / 60 Hz.
- Dimming Control: 0-10V dim 1% (std.), 1~100%, Bi-level step dim.
- Power Factor: +0.9
- Efficiency: +85%
- 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:

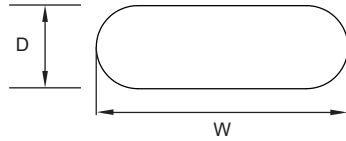
- UL / CUL listed.
- Listed to UL 1598 and UL 8750.
- ARRA compliant. (optional)
- 7 or 10 years limited warranty. (optional) ⁴
- Bluetooth Mesh System available, please contact factory for more information.

CONFIGURATIONS

	AC Input	Downlight Lumen	Uplight Lumen	Total Lumen
CURVA-R2-36L-D	18.4W	1637.5 lm	0 lm	1637.5 lm
CURVA-R2-36L-DI	16.03W	1316.5 lm	132 lm	1448.5 lm
CURVA-R2-36L-D25	19.8W	440.25 lm	1321.75 lm	1762 lm
CURVA-R2-36L-D75	19.8W	1321.75 lm	440.25 lm	1762 lm
CURVA-R2-36L-I	21.92W	1269.5 lm	1144.5 lm	2414 lm
CURVA-R2-54L-D	27.4W	2438.5 lm	0 lm	2438.5 lm
CURVA-R2-54L-DI	25.03W	2055.5 lm	206.5 lm	2262 lm
CURVA-R2-54L-D25	29.7W	660.75 lm	1982.25 lm	2643 lm
CURVA-R2-54L-D75	29.7W	1982.25 lm	660.75 lm	2643 lm
CURVA-R2-54L-I	30.92W	1791 lm	1615 lm	3406 lm
CURVA-R2-81L-D	40.9W	3640 lm	0 lm	3640 lm
CURVA-R2-81L-DI	38.53W	3164.5 lm	317.5 lm	3482 lm
CURVA-R2-81L-D25	44.55W	991.1 lm	2973.4 lm	3964.5 lm
CURVA-R2-81L-D75	44.55W	2973.3 lm	991.1 lm	3964.5 lm
CURVA-R2-81L-I	44.42W	2572 lm	2320 lm	4892 lm
CURVA-R3-36L-D	27.6W	2456.25 lm	0 lm	2456.25 lm
CURVA-R3-36L-DI	24.04W	1974.75 lm	198 lm	2172.75 lm
CURVA-R3-36L-D25	29.7W	660.75 lm	1982.25 lm	2643 lm
CURVA-R3-36L-D75	29.7W	1982.25 lm	660.75 lm	2643 lm
CURVA-R3-36L-I	32.88W	1904.25 lm	1716.75 lm	3621 lm
CURVA-R3-54L-D	41.1W	3657.45 lm	0 lm	3657.75 lm
CURVA-R3-54L-DI	37.54W	3083.25 lm	309.75 lm	3393 lm
CURVA-R3-54L-D25	44.55W	991.1 lm	2973.4 lm	3964.50 lm
CURVA-R3-54L-D75	44.55W	2973.4 lm	991.1 lm	3964.50 lm
CURVA-R3-54L-I	46.38W	2686.5 lm	2422.5 lm	5109 lm
CURVA-R3-81L-D	61.35W	5460 lm	0 lm	5460 lm
CURVA-R3-81L-DI	57.8W	4746.75 lm	476.25 lm	5223 lm
CURVA-R3-81L-D25	66.825W	1486.68 lm	4460.07 lm	5946.75 lm
CURVA-R3-81L-D75	66.825W	4460.07 lm	1486.68 lm	5946.75 lm
CURVA-R3-81L-I	66.63W	3858 lm	3480 lm	7338 lm

	AC Input	Downlight Lumen	Uplight Lumen	Total Lumen
CURVA-R4-36L-D	36.8W	3275 lm	0 lm	3275 lm
CURVA-R4-36L-DI	32.06W	2633 lm	264 lm	2897 lm
CURVA-R4-36L-D25	39.6W	881 lm	2643 lm	3524 lm
CURVA-R4-36L-D75	39.6W	2643 lm	881 lm	3524 lm
CURVA-R4-36L-I	43.84W	2539 lm	2289 lm	4828 lm
CURVA-R4-54L-D	54.8W	4877 lm	0 lm	4877 lm
CURVA-R4-54L-DI	50.06W	4111 lm	413 lm	4524 lm
CURVA-R4-54L-D25	59.4W	1321.5 lm	3964.5 lm	5286 lm
CURVA-R4-54L-D75	59.4W	3964.5 lm	1321.5 lm	5286 lm
CURVA-R4-54L-I	61.84W	3582 lm	3230 lm	6812 lm
CURVA-R4-81L-D	81.8W	7280 lm	0 lm	7280 lm
CURVA-R4-81L-DI	77.06W	6329 lm	635 lm	6964 lm
CURVA-R4-81L-D25	89.1W	1982.25 lm	5946.75 lm	7929 lm
CURVA-R4-81L-D75	89.1W	5946.75 lm	1982.25 lm	7929 lm
CURVA-R4-81L-I	88.84W	5144 lm	4640 lm	9784 lm
CURVA-R8-36L-D	73.6W	6550 lm	0 lm	6550 lm
CURVA-R8-36L-DI	64.12W	5266 lm	528 lm	5794 lm
CURVA-R8-36L-D25	79.2W	1762 lm	5286 lm	7048 lm
CURVA-R8-36L-D75	79.2W	5286 lm	1762 lm	7048 lm
CURVA-R8-36L-I	87.68W	5078 lm	4578 lm	9656 lm
CURVA-R8-54L-D	109.6W	9754 lm	0 lm	9754 lm
CURVA-R8-54L-DI	100.12W	8222 lm	826 lm	9048 lm
CURVA-R8-54L-D25	118.8W	2643 lm	7929 lm	10572 lm
CURVA-R8-54L-D75	118.8W	7929 lm	2643 lm	10572 lm
CURVA-R8-54L-I	123.68W	7164 lm	6460 lm	13624 lm
CURVA-R8-81L-D	163.6W	14560 lm	0 lm	14560 lm
CURVA-R8-81L-DI	154.12W	12658 lm	1270 lm	13928 lm
CURVA-R8-81L-D25	178.2W	3964.5 lm	11893.5 lm	15858 lm
CURVA-R8-81L-D75	178.2W	11893.5 lm	3964.5 lm	15858 lm
CURVA-R8-81L-I	177.68W	10288 lm	9280 lm	19568 lm

CURVA LED



Specifications: CURVA LED

Length: 48 (1220)
 Width: 9 (229)
 Depth: 3 (76)

All dimensions are in inches (millimeters).



Lutron Vive Integral fixture control installation

ORDERING INFORMATION


EXAMPLE: CURVA-R4-36L-D-40K-UNV-X1-AC48

MODEL	ROW	SECTION 1	LED (per /4ft section)	DISTRIBUTION	COLOR TEMP.
CURVA	xx Increments Total Row Lengths	R2 2' Length R3 3' Length R4 4' Length R8 8' Length ¹²	36L 36W LED (724 lm/ft) 54L 54W LED (1131 lm/ft) 81L 81W LED (1741 lm/ft) <small>* Contact factory for custom wattage or lumen requirement.</small>	D 100% Direct DI 90% Direct/10% Indirect DI25 25% Direct/75% Indirect DI75 75% Direct/25% Indirect I 52% Direct/48% Indirect <small>* Contact factory for custom up/down light distribution.</small>	-27K 2700K ⁹ -30K 3000K -35K 3500K -40K 4000K -50K 5000K
<small>* Number of circuit(s) should be determined by the customer prior to ordering the continuous run considering the AC input voltage and total run wattage.</small>					

CRI	SHIELDING	VOLTAGE	EM SECTION 2	FIXTURE FINISH	CORD FINISH (for pendant)
(Blank) 80+ CRI C9 90+ CRI ⁸	(Blank) White Acrylic Lens (Std.) AL Semi-Specular Aluminum Louver ¹⁶	UNV 120-277V (Std.) 120 120V 277 277V 347 347V ¹⁴	(Blank) None EM 1SE 1 Section 2SE 2 Section xSE x Section	(Blank) Matte White RAL#9003 (Std.) *BK Black RAL #9011 **CC Custom Color *AMB Anti-Microbial Coating (Matte Skye White)	(Blank) White (Std.) *BKC Black
<small>* Non-standard finish with extra charge. ** Additional charge & set up fee.</small>					

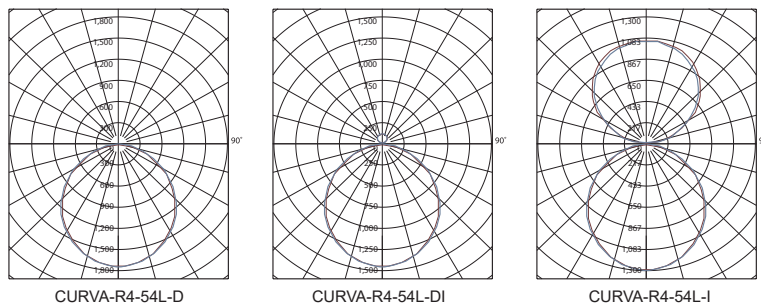
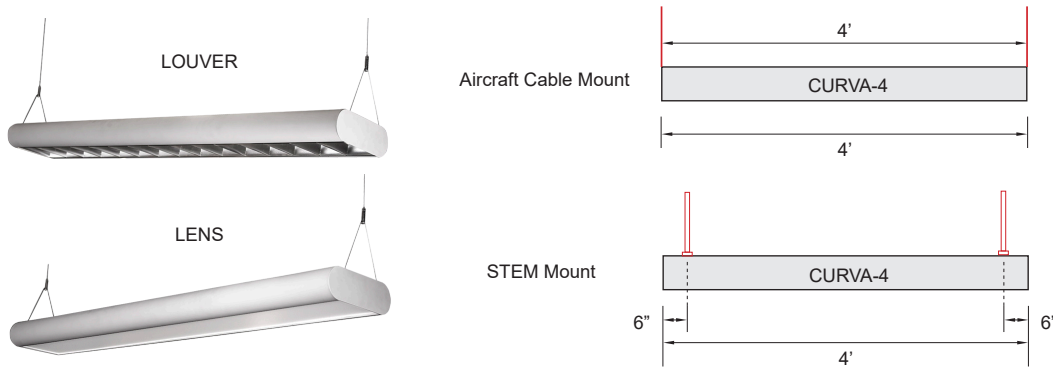
CANOPY FINISH (for pendant)	LED DRIVER	OPTIONS
(Blank) White (Std.) *BC Black Canopy *SC Silver Canopy **CSS Custom Canopy Color (White is Std.) <small>* Non-standard finish with extra charge. ** Additional charge & set up fee.</small>	(Blank) 0-10V dim to 1% (Std.) (dim both uplight and downlight simultaneously) UDSD Separate Dimming Control of Uplight and Downlight (0-10V dim to 1%) ⁶ SP Separate Power Control for Uplight and Downlight SD40 40% / 100% Bi-Level Step dim SDXX XX% / 100% Bi-Level Step dim (Specify XX : 10% ~ 70%) TDM Triac Dim. (120V only) 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) TRIOI Tridonic IoT ready, 1-100% dim via Smart Module Interface (SMI), automated dimming/lighting controls via Enlighted Sensor Interface PHSR Philips Xitanium Sensor-Ready, Dali 5%~100% dim. PHDL Philips Xitanium DALI driver, Dim to 5% DIMT Tri-mode dimming (Triac, ELV, 0-10V) DMX DMX512 control system (Only available with RGB+W option) DLM Wattstopper's DLM interface (Only available with RGB+W option) LTEA2W Hi-lume 1% 2-wire LED driver (120V forward phase only) BLT Bluetooth Mesh System (contact factory for more information)	BLK Black Cord Set ARRA ARRA Compliant EMG8 1296 LUMEN EM Battery Backup ⁵ EMG15 2430 LUMEN EM Battery Backup ⁵ EMG20 3240 LUMEN EM Battery Backup ⁵ EMC CEC compliant EM ³ ELCU-200 Fail-to-on Emergency lighting, UL924 ⁷ GTD Bodine Generator Transfer Device GTD10DIM Bodine Generator Transfer Device (0-10VDC Dimmer Override) O7W Optional 7 Years Limited Warranty ⁴ O10W Optional 10 Years Limited Warranty ⁴ COC Separated EM feed for City of Chicago code compliance UPC Indirect Light Cover AMS Occupancy Sensor w/ Daylight Harvesting (max. 8' detection mounting height with 14' coverage) ¹³ LSR-301-S Setup Remote Control for DPMS (Required for DPMS) LSR-301-P Occupant Remote Control for DPMS DPMS Daylight Dimming Photo Sensor (0-10 VDC Control), (LSR-301-S required) ¹⁸

CURVA LED

CEILING TYPE (for pendant)		MOUNTING		SUSPENSION LENGTH (for pendant)		LIGHTING CONTROL SYSTEM	
X1	15/16" grid T-bar ceiling	(Blank) SM	Suspended Ceiling Surface	AC48	Adjustable Aircraft Cable Canopy 48"L	LUTRON VIVE	<Lutron Vive System Enabled>
X2	Hard ceiling			AC96	Adjustable Aircraft Cable Canopy 96"L		 Click Here!
X3	Sloped Hard ceiling			ST24	Stem Canopy 24"L		<EasySense>
X4	9/16" T-bar ceiling			ST48	Stem Canopy 48"L		EasySense Ceiling-mount occupancy sensing, daylight harvesting and task tuning in one device (Must be ordered with PHSR driver) ^{10,11}
				* Contact factory for custom length.		SNS200C	IR dongle for EasySense control
						RS-IR	<Enlighted>
						SU-5E-IoT	Enlighted IoT-Ready Indoor Micro sensor with occupancy/vacancy detection, daylight harvesting, thermal sensing, task tuning, and room and zone control, Bluetooth enabled ^{16,17}
						SU-5E-CL	Enlighted Indoor Micro sensor with occupancy/vacancy detection, daylight harvesting, thermal sensing, task tuning, and room and zone control, Bluetooth enabled (Connected lighting sensor only)
						RS-WS	Enlighted Room controller providing basic control functions of a standard wall switch with preset dimming capability

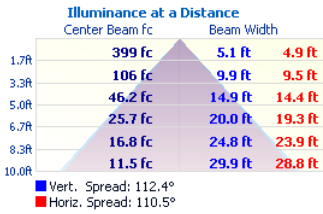
NOTES:

- No need to select, if same as row length and section length.
- EM is installed in last 4' of luminaire sections. Separate section required 2SE or specified. Must specify voltage, not available with 347V.
- Check with factory for more details.
- 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.
- For separate dimming control, please be advised it may not be available when EM battery back up is added due to limited space. Please contact us for more information.
- Shipped separately.
- Lumen per watt is around 15% less than standard CRI (80+).
- Available with C9 (CRI 90+) only.
- 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.
- Comes with 1pc 8ft lens.
- The standard will be ON/OFF sensor with dimming wires provided for dimmer switch. For sensor dimming control, please select additional "SO" option.
- 347V cannot work with Emergency Battery Backup.
- Available with 4ft only.
- "RS-WS" option can be added if wish to have a wall switch, please see Enlighted Room Controller in the separate attachment.
- Must be ordered either with 0-10V LED driver or TRIOT (IoT-Ready LED driver).
- Automatic on/off is not available. For automatic on/off, additional occupancy sensor is required or a manual on/off switch can be done.

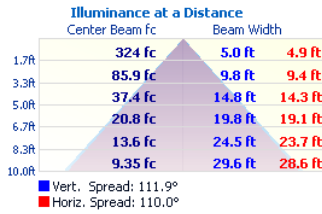


CURVA LED

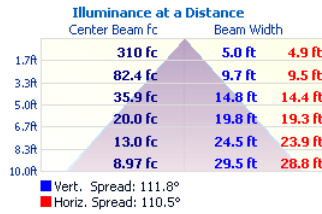
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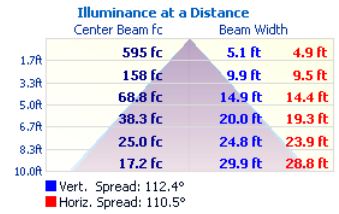
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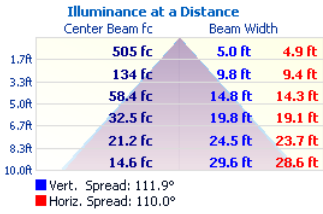
CURVA-R4-36L-I



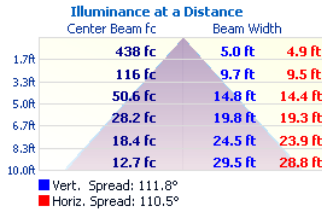
CURVA-R4-54L-D



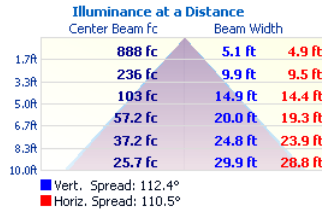
CURVA-R4-54L-DI



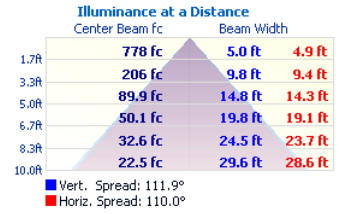
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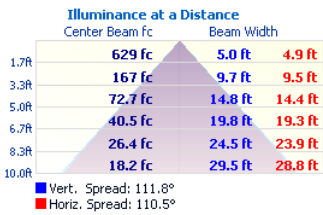
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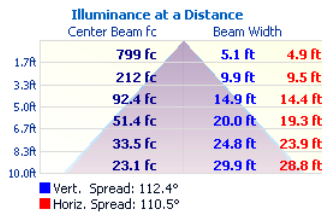
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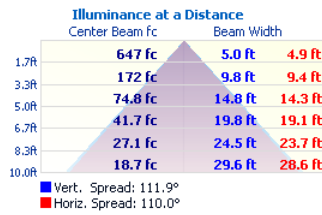
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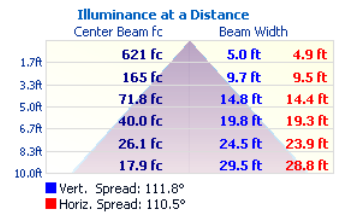
CURVA-R8-36L-D



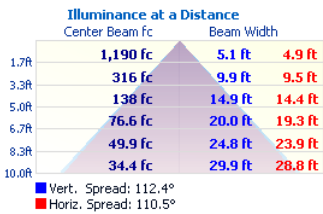
CURVA-R8-36L-DI



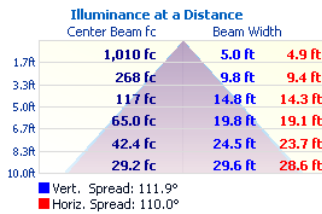
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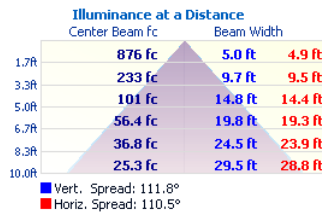
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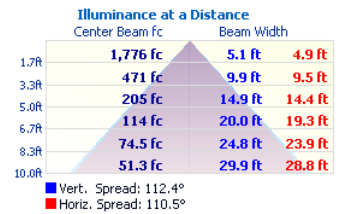
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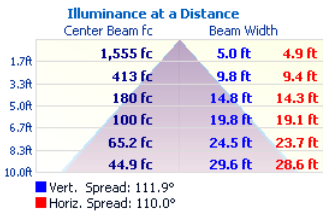
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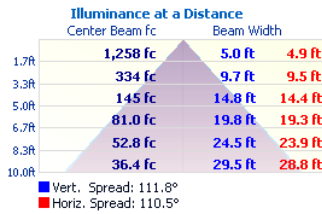
CW-8-72LED



CURVA-R8-81L-DI



CURVA-R8-81L-I



CURVA LED

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 - DVTV-xx, NFTV GRAFIK Eye: GRX-TV1 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		
ED560	eldoLED DUALdrive	<Lunatone>	SS-LUNAT PS2 30mA SS-LUNAT Touch or BT SS-LUNAT Comm
LDE1	Lutron Hi-lume 1% Eco-System	<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
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.