

CUBE2

Project Name:

Type:



APPLICATION

The CUBE is a featured Architectural Linear fixture. Housing is formed by cold-rolled steel with a highly reflective die-formed white painted steel reflector. The snap-in acrylic lens has a matte finish and a diffuser (.125" thick) which is removable for LED module replacement. It is used for multiple applications such as commercial, general office, banking, retail and educational environments.

MOUNTING:

- Pendant, surface and wall mount.

LED:

- High quality array LEDs.
- LM80
- Color Temperature: 2700/3000/3500/4000/5000 (K).
- Color Rendering Index: >80 (optional >90).
- Nominal Lamp Life: 100,000 hours.
- Reported L70 hours: +60,000 (55°C).

ELECTRICAL:

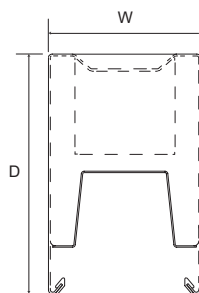
- High power factor electronic driver, operate from a 120 ~ 277 Vac input range, 50 / 60 Hz.
- Features included over voltage protection, surge, short circuit protection and over load protection.
- Power Factor: typical > 0.95, THD <20, meets Class1 or Class 2 circuit.
- 0-10V dimmable driver as standard.
- 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.

FINISH:

- Standard powder-coat textured white painted finish on exposed trim, consult factory for custom colors.
- Comes with snap-in acrylic lens as standard.

LISTING:

- UL / CUL listed.
- Listed to UL 1598 and UL 8750.
- UL listed for dry & damp location.
- DLC listed. ¹²
- CEC Compliant EM (please contact for more information)
- ADA compliant (less than 4" off wall).
- Assembled in USA (optional).
- BAA compliant (optional).
- Trade Agreements Act compliant (optional).
- 5 years limited warranty.
- 7 or 10 years limited warranty. (optional) ⁷
- Bluetooth Mesh System available, please contact factory for more information.

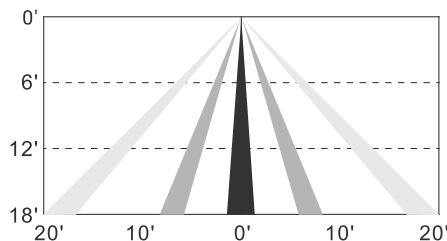
Specifications: CUBE2

Width: 2.5 (64)

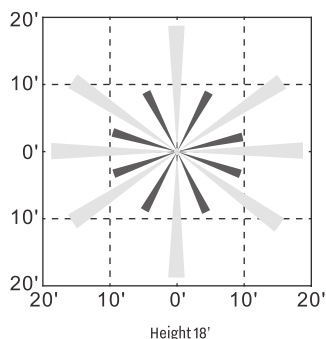
Depth: 4 (101)

All dimensions are in inches (millimeters).

SIDE VIEW



TOP VIEW



AMS, IFS105SE coverage pattern

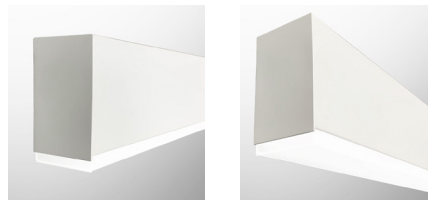
CUBE2

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%

WEIGHT

Item	lbs	kg
CUBE 2 2FT PENDANT	6.76	3.07
CUBE 2 3FT PENDANT	8.91	4.04
CUBE 2 4FT PENDANT	10.78	4.89
CUBE 2 8FT PENDANT	19.71	8.94
CUBE 2 HC90 PENDANT	15.19	6.89
CUBE 2 X PENDANT	15.08	6.84
CUBE 2 T PENDANT	10.45	4.74



DROP LENS

CONFIGURATIONS

Series	Size	Model #	AC Input	Fixture Lumen Output (4000K)		Lumen Efficiency (4000K)
CUBE2	2'	18L	9.9W	1280.46 lm (100% Down)	1280.46 lm	129.34 lm/W
		27L	14.85W	1641.66 lm (100% Down)	1641.66 lm	110.55 lm/W
		36L	19.8W	2122.36 lm (100% Down)	2122.36 lm	107.19 lm/W
		48L	26.4W	2811.6 lm (100% Down)	2811.6 lm	106.5 lm/W
		54L	29.7W	3146.41 lm (100% Down)	3146.41 lm	105.94 lm/W
	3'	18L	14.85W	1921.29 lm (100% Down)	1921.29 lm	129.38 lm/W
		27L	22.27W	2461.50 lm (100% Down)	2461.50 lm	110.53 lm/W
		36L	29.7W	3182.95 lm (100% Down)	3182.95 lm	107.17 lm/W
		48L	39.6W	4217.4 lm (100% Down)	4217.4 lm	106.5 lm/W
		54L	44.55W	4720.51 lm (100% Down)	4720.51 lm	105.96 lm/W
	4'	18L	19.8W	2562.12 lm (100% Down)	2562.12 lm	129.40 lm/W
		27L	29.7W	3283.33 lm (100% Down)	3283.33 lm	110.55 lm/W
		36L	39.6W	4244.72 lm (100% Down)	4244.72 lm	107.19 lm/W
		48L	52.8W	5623.2 lm (100% Down)	5623.2 lm	106.5 lm/W
		54L	59.4W	6294.02 lm (100% Down)	6294.02 lm	105.96 lm/W
	5'	18L	24.75W	3202.15 lm (100% Down)	3202.15 lm	129.38 lm/W
		27L	37.13W	4104.72 lm (100% Down)	4104.72 lm	110.55 lm/W
		36L	49.5W	5305.9 lm (100% Down)	5305.9 lm	107.19 lm/W
		48L	66W	7029 lm (100% Down)	7029 lm	106.5 lm/W
		54L	74.25W	7866.78 lm (100% Down)	7866.78 lm	105.95 lm/W
	6'	18L	29.7W	3842.58 lm (100% Down)	3842.58 lm	129.38 lm/W
		27L	44.55W	4925 lm (100% Down)	4925 lm	110.55 lm/W
		36L	59.4W	6367.08 lm (100% Down)	6367.08 lm	107.19 lm/W
		48L	79.2W	8434.8 lm (100% Down)	8434.8 lm	106.5 lm/W
		54L	89.1W	9400.14 lm (100% Down)	9400.14 lm	105.95 lm/W
	8'	18L	39.6W	5124.24 lm (100% Down)	5124.24 lm	129.40 lm/W
		27L	59.4W	6566.67 lm (100% Down)	6566.67 lm	110.55 lm/W
		36L	79.2W	8489.45 lm (100% Down)	8489.45 lm	107.19 lm/W
		48L	105.6W	11246.4 lm (100% Down)	11246.4 lm	106.5 lm/W
		54L	118.8W	12588.05 lm (100% Down)	12588.05 lm	105.96 lm/W

CCT	Multiplier		
	3000K	3500K	5000K
Down only	0.9642	0.9822	1.0357
Up&Down	0.971	0.9856	1.029

CUBE2

CONFIGURATIONS

Series	Size	Model #	AC Input	Fixture Lumen Output (4000K)		Lumen Efficiency (4000K)
CUBE2	2'	18L/18L	19.8W	1681.17 lm (57.6% Down) / 1237.53 lm (42.4% Up)		2918.71 lm
		27L/18L	24.75W	1651.86 lm (63% Down) / 970.15 lm (37% Up)		2622.01 lm
		27L/27L	29.7W	1769.05 lm (57.6% Down) / 1302.22 lm (42.4% Up)		3071.27 lm
		36L/18L	29.7W	2093.38 lm (65.5% Down) / 1102.63 lm (34.5% Up)		3196.01 lm
		48L/18L	36.3W	2383.15 lm (64.6% Down) / 1305.95 lm (35.4% Up)		3689.1 lm
		48L/27L	41.25W	2485.9 lm (59.3% Down) / 1706.3 lm (40.7% Up)		4192.2 lm
		54L/18L	39.6W	2937.92 lm (73% Down) / 1086.63 lm (27% Up)		4024.55 lm
		54L/27L	44.55W	3140 lm (65.5% Down) / 1654 lm (34.5% Up)		4794 lm
	3'	18L/18L	29.7W	2521.76 lm (57.6% Down) / 1856.3 lm (42.4% Up)		4378.07 lm
		27L/18L	37.12W	2477.46 lm (63% Down) / 1455.03 lm (37% Up)		3932.49 lm
		27L/27L	44.55W	2653.58 lm (57.6% Down) / 1953.32 lm (42.4% Up)		4606.91 lm
		36L/18L	44.55W	3140.08 lm (65.5% Down) / 1653.94 lm (34.5% Up)		4794.02 lm
		48L/18L	54.45W	3574.8 lm (64.6% Down) / 1958.95 lm (35.4% Up)		5533.75 lm
		48L/27L	61.8W	3724.45 lm (59.3% Down) / 2556.25 lm (40.7% Up)		6280.7 lm
		54L/18L	59.4W	4406 lm (73% Down) / 1629.63 lm (27% Up)		6035.63 lm
		54L/27L	66.82W	4709.77 lm (65.5% Down) / 2480.73 lm (34.5% Up)		7190.5 lm
	4'	18L/18L	39.6W	3362.35 lm (57.6% Down) / 2475.07 lm (42.4% Up)		5837.43 lm
		27L/18L	49.5W	3303.73 lm (63% Down) / 1940.30 lm (37% Up)		5244.03 lm
		27L/27L	59.4W	3538.10 lm (57.6% Down) / 2604.45 lm (42.4% Up)		6142.55 lm
		36L/18L	59.4W	3954.11 lm (65.5% Down) / 2082.71 lm (34.5% Up)		6036.82 lm
		48L/18L	72.6W	4766.3 lm (64.6% Down) / 2612 lm (35.4% Up)		7378.3 lm
		48L/27L	82.5W	4971.9 lm (59.3% Down) / 3412.5 lm (40.7% Up)		8384.4 lm
		54L/18L	79.2W	5875.83 lm (73% Down) / 2173.26 lm (27% Up)		8049.09 lm
		54L/27L	89.1W	6280.14 lm (65.5% Down) / 3307.86 lm (34.5% Up)		9588 lm
	5'	18L/18L	49.5W	4202.95 lm (57.6% Down) / 3093.83 lm (42.4% Up)		7296.79 lm
		27L/18L	61.89W	4130.67 lm (63% Down) / 2425.94 lm (37% Up)		6556.62 lm
		27L/27L	74.25W	4422.63 lm (57.6% Down) / 3255.55 lm (42.4% Up)		7678.19 lm
		36L/18L	74.25W	6280.17 lm (65.5% Down) / 3307.88 lm (34.5% Up)		7990.04 lm
		48L/18L	90.75W	7149.6 lm (64.6% Down) / 3917.9 lm (35.4% Up)		9222.92 lm
		48L/27L	103.35W	7457.98 lm (59.3% Down) / 5118.72 lm (40.7% Up)		10503.46 lm
		54L/18L	99W	8812.88 lm (73% Down) / 3259.57 lm (27% Up)		10060.38 lm
		54L/27L	111.38W	9420.21 lm (65.5% Down) / 4961.79 lm (34.5% Up)		11985.6 lm
	6'	18L/18L	59.4W	5043.54 lm (57.6% Down) / 3712.6 lm (42.4% Up)		8756.15 lm
		27L/18L	74.25W	4955.60 lm (63% Down) / 2910.44 lm (37% Up)		7866.04 lm
		27L/27L	89.1W	5307.16 lm (57.6% Down) / 3906.67 lm (42.4% Up)		9213.83 lm
		36L/18L	89.1W	6280.17 lm (65.5% Down) / 3307.88 lm (34.5% Up)		9588.05 lm
		48L/18L	108.9W	7149.6 lm (64.6% Down) / 3917.9 lm (35.4% Up)		11067.5 lm
		48L/27L	123.75W	7457.98 lm (59.3% Down) / 5118.72 lm (40.7% Up)		12576.7 lm
		54L/18L	118.8W	8812.88 lm (73% Down) / 3259.57 lm (27% Up)		12072.45 lm
		54L/27L	133.65W	9420.21 lm (65.5% Down) / 4961.79 lm (34.5% Up)		14382 lm
	8'	18L/18L	79.2W	6724.72 lm (57.6% Down) / 4938.69 lm (42.4% Up)		11674.87 lm
		27L/18L	99W	6607.47 lm (63% Down) / 3880.59 lm (37% Up)		10488.06 lm
		27L/27L	118.8W	7076.21 lm (57.6% Down) / 5208.89 lm (42.4% Up)		12285.10 lm
		36L/18L	118.8W	8373.56 lm (65.5% Down) / 4410.50 lm (34.5% Up)		12784.06 lm
		48L/18L	145.2W	9532.76 lm (64.6% Down) / 5223.84 lm (35.4% Up)		14756.6 lm
		48L/27L	165W	9943.98 lm (59.3% Down) / 6824.97 lm (40.7% Up)		16768.95 lm
		54L/18L	158.4W	11754 lm (73% Down) / 4347.36 lm (27% Up)		16101.36 lm
		54L/27L	178.2W	12560.34 lm (65.5% Down) / 6615.76 lm (34.5% Up)		19176.1 lm

CCT	Multiplier		
	3000K	3500K	5000K
Down only	0.9642	0.9822	1.0357
Up&Down	0.971	0.9856	1.029

CUBE2

ORDERING INFORMATION

EXAMPLE: CUBE2-IND-4-D27L/U18L-30K-UNV

MODEL	ROW ¹		SECTION ²		LED Downlight (per/4ft section)		LED Uplight ³ (per/4ft section)		Uplight DISTRIBUTION		COLOR TEMP.	
CUBE2-IND (Individual Mount) CUBE2-CON (Continuous Row Mount)	xx'	Specify nominal overall row length in 1' increments (Continuous runs)	2	2' Length	(Blank)	No Downlight ²⁸	(Blank)	No Uplight	(Blank)	No optic	(Blank)	Leave blank
			3	3' Length	D18L	18W LED (640 lm/ft)	/U18L	18W LED (530 lm/ft)	UN15	Uplight Narrow 15°		if you wish to
			4	4' Length	D27L	27W LED (820 lm/ft)			UN30	Uplight Narrow 30°		have different
			5	5' Length	D36L	36W LED (1061 lm/ft)	/U27L	27W LED (733 lm/ft)	UM	Uplight Medium 60°		CCT for up and
			6	6' Length	D48L	48W LED (1405 lm/ft)			UASY	Uplight Asymmetric 20° ³⁷		down, and fill
			8	8' Length ⁴	D54L	54W LED (1537 lm/ft)			UBAT	Uplight Batwing 120°		out next section
									UPC	Non-optic frosted cover	-27K	2700K ²⁹
											-30K	3000K
											-35K	3500K
											-40K	4000K
											-50K	5000K
CUBE2-CM (Custom)	Must provide a sketch on the last page				* Maximum wattage per 4ft section - pendant/wall mount : 81W (up & down light) * Contact factory for custom wattage or lumen requirement.							

SEPARATE CCT.		CRI		MOUNTING		VOLTAGE		EM SECTION ⁵	
(Blank) DXXUYY	Leave blank if you chose to have the same CCT for up and down in the previous section Indicate 27,30,35,40, or 50 for XX and YY (D represents Downlight, U represents Uplight)	(Blank) C9	80+ CRI 90+ CRI ¹¹	(Blank) S W	Pendant Ceiling Surface Wall ³⁵	UNV 120 277 347	120-277V 120V 277V 347V ¹⁷	(Blank) 1SE 2SE xSE	None EM 1 Section 2 Section x Section

FIXTURE FINISH ¹³		CORD FINISH (for pendant)		CANOPY FINISH (for pendant)		CEILING TYPE (for pendant)		SUSPENSION LENGTH (for pendant)	
(Blank) *BK *SV **CC *AMB	Matte White RAL #9003 (Std.) Black RAL #9011 Silver (RAL #9022) Custom Color ¹⁴ Anti-Microbial Coating (Matte Skye White)	(Blank) *BKC	White (Std.) Black	(Blank) *BC *SC **CSS	White (Std.) Black Canopy Silver Canopy Custom Canopy Color (White is Std.)	X1 X2 X3 X4 X5	15/16" grid T-bar ceiling Hard ceiling Sloped Hard ceiling 9/16" T-bar ceiling 9/16" Screw Slot ceiling	AC48 AC96 ST24 ST48	Adjustable Aircraft Cable Canopy 48"L Adjustable Aircraft Cable Canopy 96"L Stem Canopy 24"L Stem Canopy 48"L
		* Non-standard finish with extra charge. ** Additional charge & set up fee.						* Contact factory for custom length. 1 pair (2 aircraft cables) standard for up to 8' length. * add "FC" at the end of stem length for field cuttable stem kit (Ex) ST48FC)	

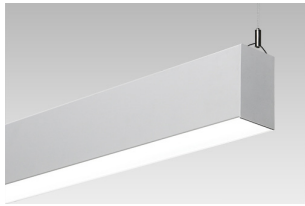
LED DRIVER		OPTIONS	
(Blank) UDSD SP ES566 SD40 SDXX PHSR PHDL ED560 TDM TD30/70 TDXX/YY LDE1 ELV TRIOT DTO DMX DLM LTEA2W	0-10V dim to 1% (Std.) (dim both uplight and downlight simultaneously) Separate Dimming Control of Uplight and Downlight (0-10V dim to 1%) ^{6, 16} Separate Power Control for Uplight and Downlight eldoLED SOLOdrive Natural Dimming to dark, 0-10V, 100% ~ 0.1% dim 40% / 100% Bi-Level Step dim XX% / 100% Bi-Level Step dim (Specify XX : 10% ~ 70%) Philips Xitanium Sensor-Ready, Dali 5%~100% dim. Philips Xitanium DALI driver, Dim to 5% eldoLED LightShape DALI dim to dark, 0.1% ~ 100% Triac Dim. (120V only) 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 ELV compatible (reverse-phase or trailing-edge), (120V only) Tridonic IoT ready, 1-100% dim via Smart Module Interface (SMI), automated dimming/lighting controls via Enlighted Sensor Interface 0-10V DIM-TO-OFF DMX512 control system (Only available with RGB+W option) Wattstopper's DLM interface (Only available with RGB+W option) Hi-lume 1% 2-wire LED driver (120V forward phase only) ²⁶	HC90-11 HC90-12 HC90-21 HC90-22 HC135-22 TC XC CW90 EMG8 EMG15 EMG20 EMG25 ELCU-200 GT GT10DIM GLR GMF ARRA BAA TAA O7W O10W COC DROP E1F E2F	90° Horizontal Lit Connector, 1'x1' ²⁵ 90° Horizontal Lit Connector, 1'x2' ²⁵ 90° Horizontal Lit Connector, 2'x1' ²⁵ 90° Horizontal Lit Connector, 2'x2' ²⁵ 135° Horizontal Lit Connector, 2'x2' ²⁵ T-Type Lit Connector ¹⁸ X-Type Lit Connector ¹⁸ Ceiling to Wall corner connector ¹⁵ 1296 LUMEN EM Battery Backup (CEC Compliant EM) ^{9, 27} 2430 LUMEN EM Battery Backup (CEC Compliant EM) ^{9, 27} 3240 LUMEN EM Battery Backup (CEC Compliant EM) ^{9, 27} 4050 LUMEN EM Battery Backup (CEC Compliant EM) ^{9, 27} Fail-to-on Emergency lighting, UL924 ¹⁰ Bodine Generator Transfer Device Bodine Generator Transfer Device (0-10VDC Dimmer Override) Fast Blow Fuse ¹⁹ Slow Blow Fuse ¹⁹ Assembled in USA for Buy American Act BAA(Buy American Act) and BABA(Build America Buy America) compliant Trade Agreements Act compliant Optional 7 Years Limited Warranty ⁷ Optional 10 Years Limited Warranty ⁷ Separated EM feed for City of Chicago code compliance 1/2" drop lens End feed on one end (Pre-drilled hole for 1/2" fitting) End feed on both ends (Pre-drilled holes for 1/2" fitting)
 BLT	Bluetooth Mesh System (contact factory for more information)		

CONTROLS	
AMS DPMS SO LOS-502S-x-y LOD-500S-x-y BED-500S-x RS-LRD LBS-700N LDD-700S	<u><Integrated Sensors></u> WALL MOUNT DOES NOT APPLY Bluetooth Mesh Wireless Sensor. Occupancy/Daylight/0-10V Dimming ³⁸ Daylight Dimming Photo Sensor (0-10 VDC Control), (LSR-301-S required if FD-301 is installed) ³⁶ Dimming Wires connected to Sensor Only (available option on FS-205 non-Bluetooth AMS sensor only) ⁸ PIR occupancy sensor, no dimming support, 120-277V, adjustable with DIP switch (See note 21, 23 to select mounting type "x" and lens "y") Bi-level 0-10V occupancy sensor, 120-277V, adjustable with DIP switch (See note 21, 24 to select mounting type "x" and lens "y") <u>Daylight sensor for daylight harvesting</u> control, 0-10V high/low dim or SmartDim control, 120-277V, controlled with IR remote programmer. (See note 22 to select mounting type "x") IR remote programmer for LRD-509S, BED-500S series On/Off occupancy and vacancy sensor, line voltage, 120-277V, adjustable via DIP switch Dual-tech bi-level wall switch occupancy sensor (PIR & HFD), line voltage with 1-pole SLV for on/off switching and 0-10V for manual dimming, 120-277V, adjustable via DIP switch

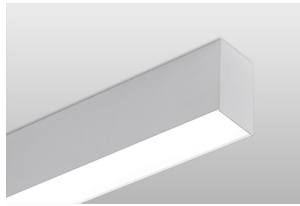
LIGHTING CONTROL SYSTEM			
LUTRON VIVE	<u><Lutron Vive System Enabled></u>  Click Here!	SU-5E-IoT	<u><Enlighted></u> Enlighted IoT-Ready Indoor Micro sensor with occupancy/vacancy detection, daylight harvesting, thermal sensing, task tuning, and room and zone control, Bluetooth enabled ^{32, 33}
	<u><EasySense></u> EasySense Fixture-mount occupancy sensing, daylight harvesting and task tuning in one device (Must be ordered with PHSR driver) ^{30, 31}	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)
	<u><EasySense></u> EasySense Ceiling-mount occupancy sensing, daylight harvesting and task tuning in one device ^{30, 31}	RS-WS	Enlighted Room controller providing basic control functions of a standard wall switch with preset dimming capability
	RS-IR	TMC-SU-5E	Tile Mount Carrier ³⁵
		30N	30in extension cable
	7F	7ft extension cable	
		<Elite Control>	
IFS105SE	<u><Bluetooth></u> Bluetooth Mesh Wireless Sensor. Occupancy/Daylight/0-10V Dimming	ELIOP-SR	Bluetooth wireless PIR occupancy sensor with built-in daylight harvesting, short range
PPA102S	Bluetooth Powerpack (Consult factory for installation location)	ELIOP-LR	Bluetooth wireless PIR occupancy sensor with built-in daylight harvesting, long range
		SR-W	Bluetooth wireless single rocker pad, white finish
		DR-W	Bluetooth wireless double rocker pad, white finish
		CASAMBI	Contact factory for CASAMBI READY options

NOTES:

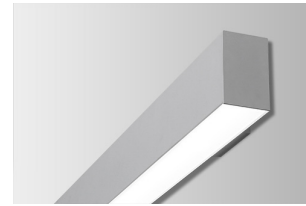
- Specify only when Continuous Row Mount.
- No need to select, if same as row length and section length.
- Pendant, wall mount only.
- Comes with 1pc 8ft lens.
- EM is installed in last 4' of luminaire sections. Separate section required 2SE or specified. Must specify voltage, not available with 347V.
- For separate dimming control, please be advised it may not be available when EM battery backup is added due to limited space. Please contact us for more information.
- This limited warranty covers electrical parts only and does not apply to labor, equipment lease, or defect from improper installation or operation.
- Dimming wires provided and connected to sensor only, not for dimmer switch.(available with AMS and DPMS option)
- Contact factory for other emergency ballast options.
- Shipped separately.
- Lumen per watt is around 15% less than standard CRI (80+).
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified.
Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.
- Cord is available in white or black. (Black is not available for the EM option)
- Refer to color charts (RAL and/or Cardinal) in the separate attachment.
- Only applicable for FT and SF mounting option.
- Can have up to 2 power feeds depending on the configuration.
- 347V cannot work with Emergency Battery Backup.
- Cannot be ordered as wall mount.
- Must specify voltage, not available with 347V.
- "x" = S : Ceiling Surface
C : Junction Box
- "x" = S : Ceiling Surface
C : Junction Box
R : Ceiling Recess
- "y" = A : Standard cone shape Lens @ 15' height (up to 2x height coverage)
B : Extra wide cone shape Lens @ 10' height (up to 6X height coverage)
C : High bay cone shape Lens @ 30' height (up to 3X height coverage)
D : Standard round shape Lens @ 20' height (up to 2X height coverage)
F : Extra wide dome shape Lens @ 20' height (up to 4X height coverage)
G : Aisle way arch shape Lens @ 40' height (up to 3X height coverage)
H : High bay dome shape Lens @ 50' height (up to 1X height coverage)
- "y" = A : Standard cone shape Lens @ 15' height (up to 2x height coverage)
B : Extra wide cone shape Lens @ 10' height (up to 6X height coverage)
C : High bay cone shape Lens @ 30' height (up to 3X height coverage)
D : Standard round shape Lens @ 20' height (up to 2X height coverage)
F : Extra wide dome shape Lens @ 20' height (up to 4X height coverage)
G : Aisle way arch shape Lens @ 40' height (up to 3X height coverage)
- Refer to a separate CUBE2-HC90 spec sheet to find more information.
- Not available with any 1ft individual configuration due to space limitations.
- For 3ft configuration, EM can only be remote mounted. Remote box is provided by others.
- Downlight cover may ship separately depending on the configuration.
- 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.
- "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).
- Not available with the following sensors: VDO, SNS200 and Elite Control.
For the Enlighted control, a TMC-SU-5E must be purchased additionally.
- Must be ordered for wall mount.
- Automatic on/off is not available. For automatic on/off, additional occupancy sensor is required or a manual on/off switch can be done.
- Standard optic illuminates the wall. Optics can be field modified (reversed) to illuminate room.
- With TDM/ELV/SDxx/TDxx: Only available with line-voltage on/off occupancy sensor.



CABLE



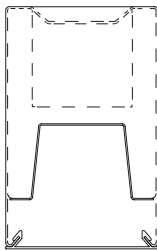
SURFACE



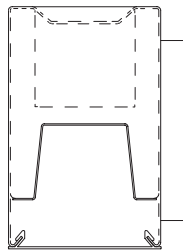
WALL

- MOUNTING DETAILS

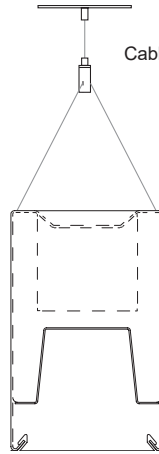
Surface



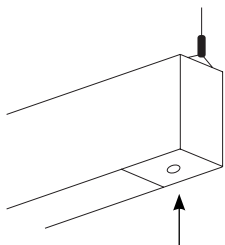
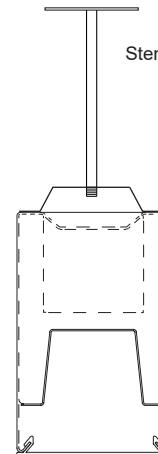
Wall



Cable



Stem (Pendant)



Sensor Plate

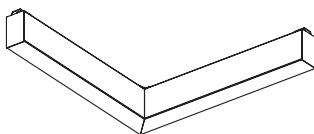


Lutron Vive Integral
fixture control installation



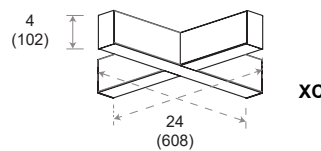
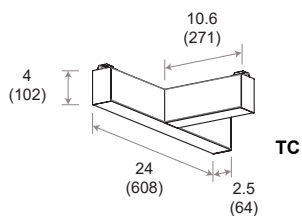
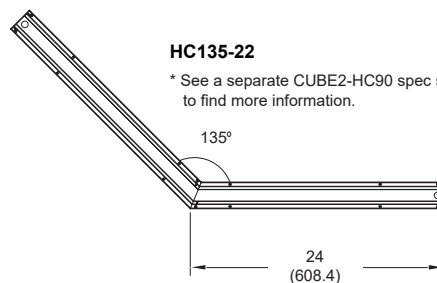
EasySense
fixture-mount installation

- LIT CONNECTOR



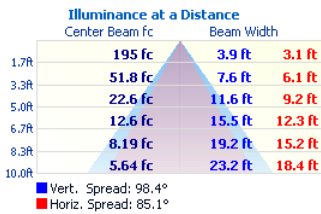
HC90-11
HC90-12
HC90-21
HC90-22

* See a separate CUBE2-HC90 spec sheet to find more information.

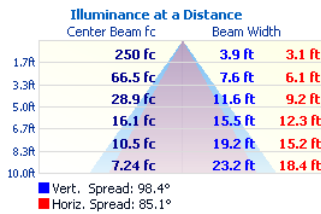


CUBE2

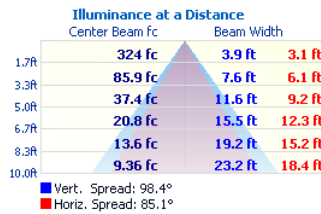
CUBE2-2-18L



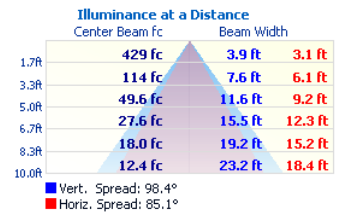
CUBE2-2-27L



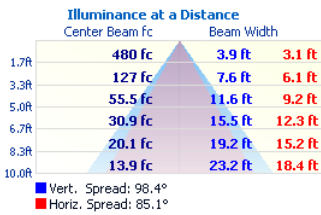
CUBE2-2-36L



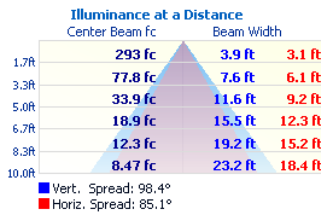
CUBE2-2-48L



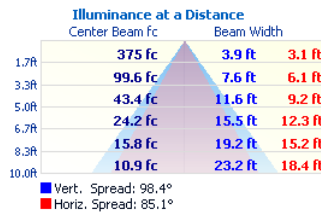
CUBE2-2-54L



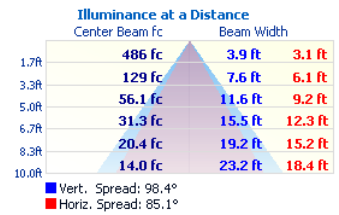
CUBE2-3-18L



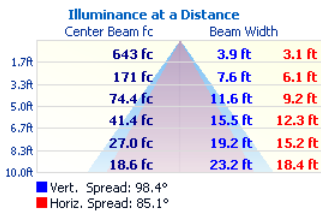
CUBE2-3-27L



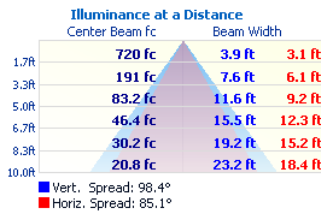
CUBE2-3-36L



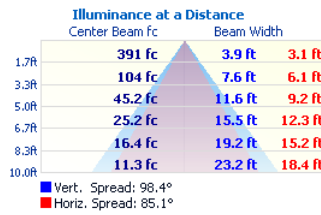
CUBE2-3-48L



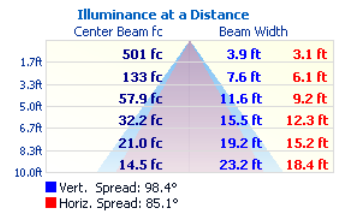
CUBE2-3-54L



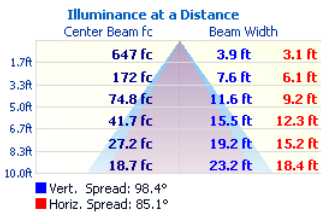
CUBE2-4-18L



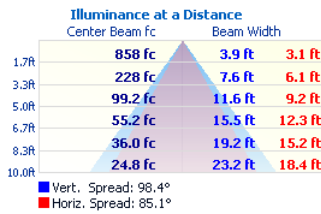
CUBE2-4-27L



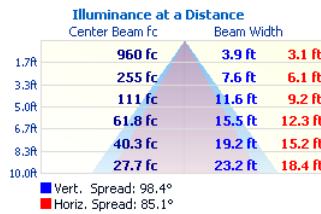
CUBE2-4-36L



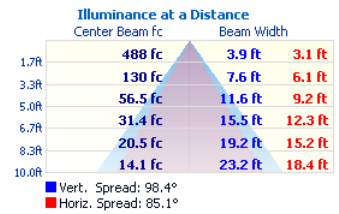
CUBE2-4-48L



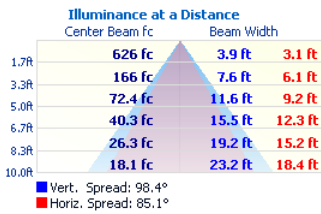
CUBE2-4-54L



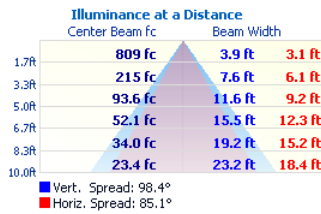
CUBE2-5-18L



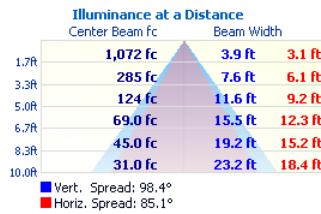
CUBE2-5-27L



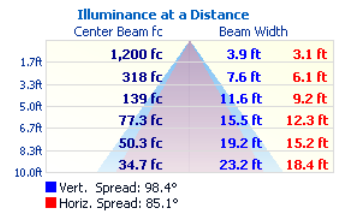
CUBE2-5-36L



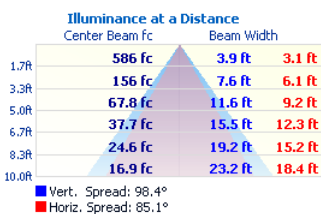
CUBE2-5-48L



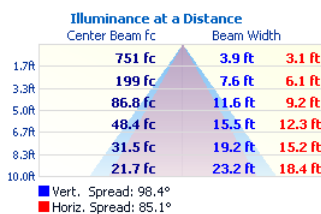
CUBE2-5-54L



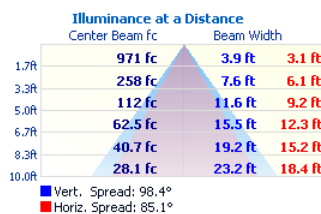
CUBE2-6-18L



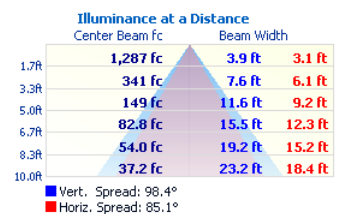
CUBE2-6-27L



CUBE2-6-36L

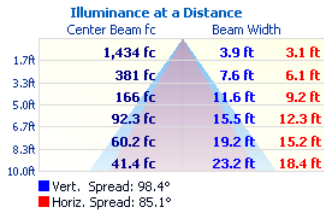


CUBE2-6-48L

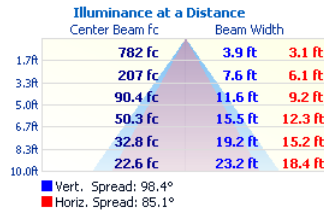


CUBE2

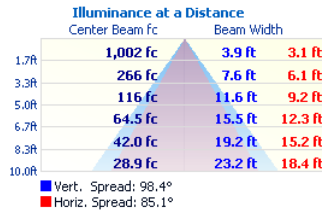
CUBE2-6-54L



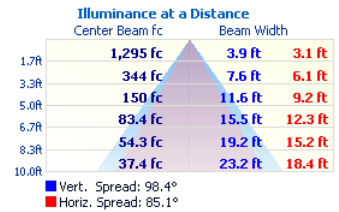
CUBE2-8-18L



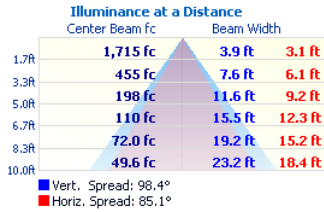
CUBE2-8-27L



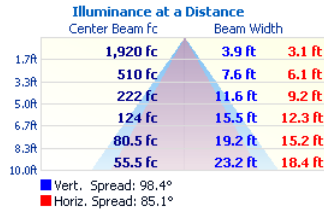
CUBE2-8-36L



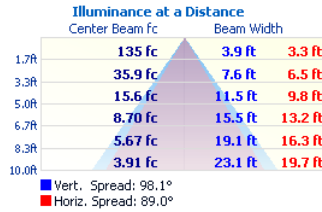
CUBE2-8-48L



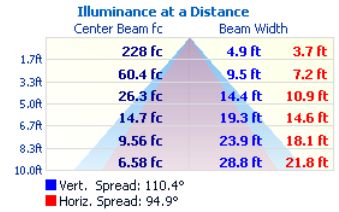
CUBE2-8-54L



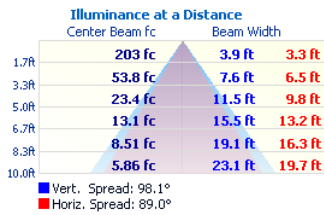
CUBE2-2-18L/18L



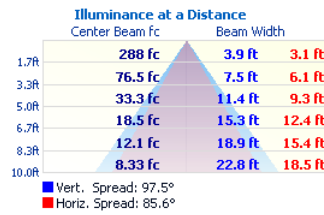
CUBE2-2-27L/18L



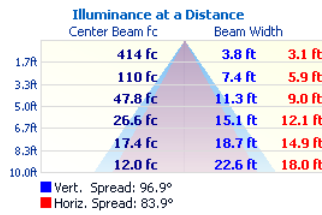
CUBE2-2-27L/27L



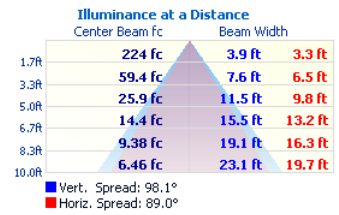
CUBE2-2-36L/18L



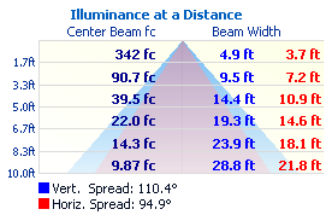
CUBE2-2-54L/18L



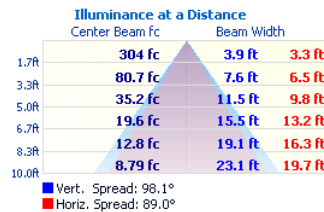
CUBE2-3-18L/18L



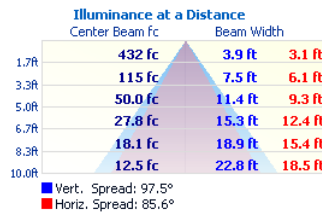
CUBE2-3-27L/18L



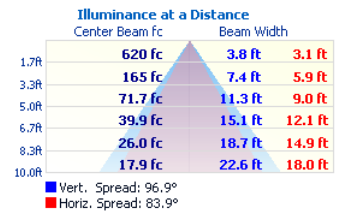
CUBE2-3-27L/27L



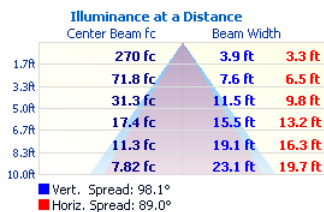
CUBE2-3-36L/18L



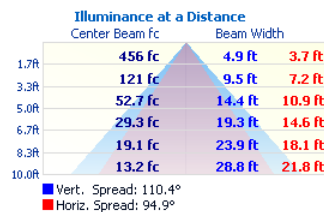
CUBE2-3-54L/18L



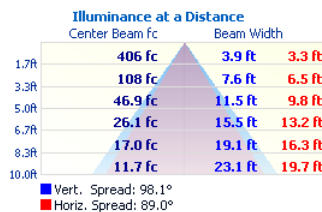
CUBE2-4-18L/18L



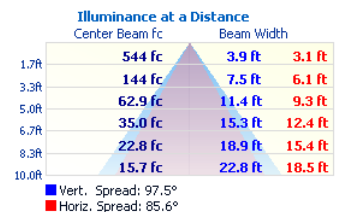
CUBE2-4-27L/18L



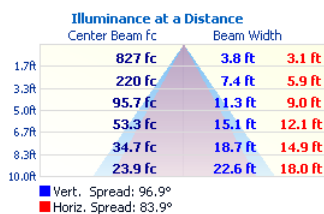
CUBE2-4-27L/27L



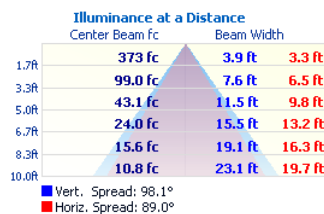
CUBE2-4-36L/18L



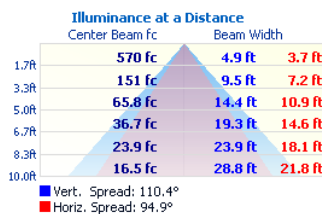
CUBE2-4-54L/18L



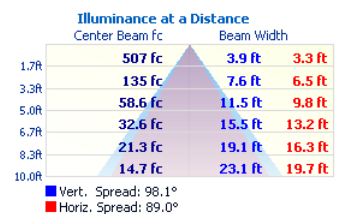
CUBE2-5-18L/18L



CUBE2-5-27L/18L

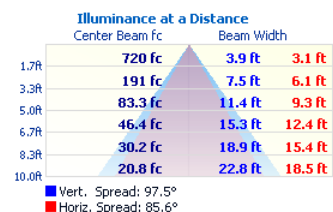


CUBE2-5-27L/27L

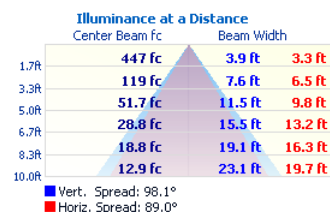


CUBE2

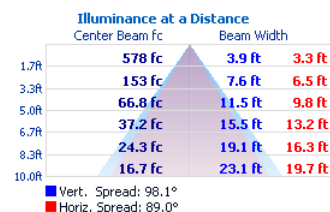
CUBE2-5-36L/18L



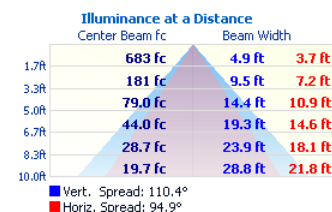
CUBE2-5-54L/18L



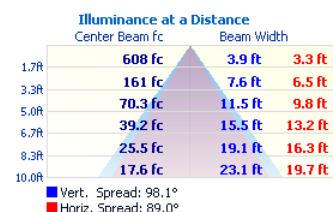
CUBE2-6-18L/18L



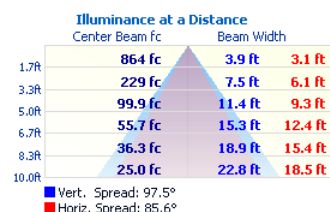
CUBE2-6-27L/18L



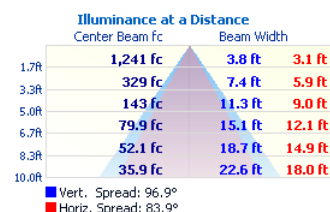
CUBE2-6-27L/27L



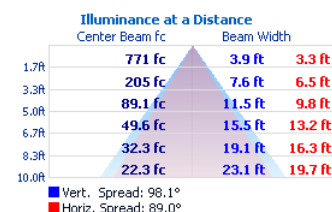
CUBE2-6-36L/18L



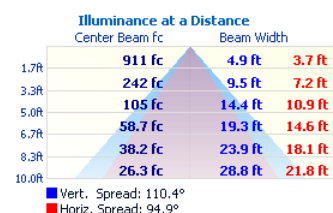
CUBE2-6-54L/18L



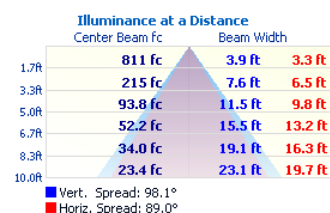
CUBE2-8-18L/18L



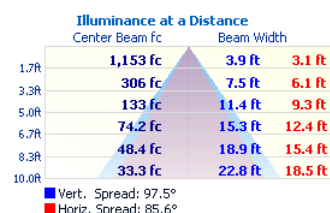
CUBE2-8-27L/18L



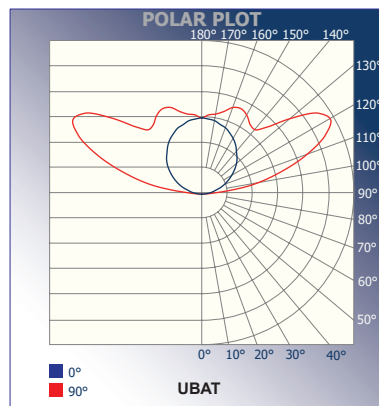
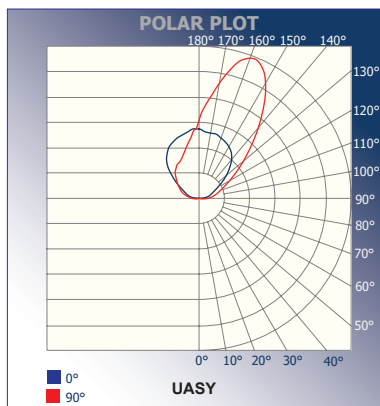
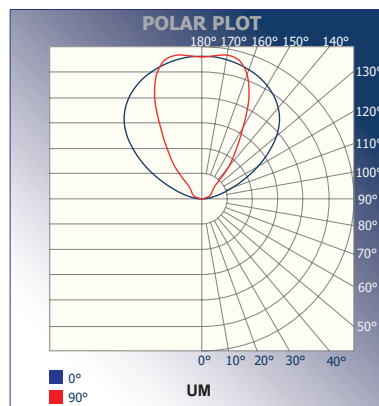
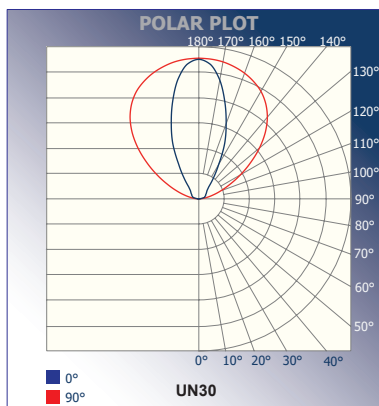
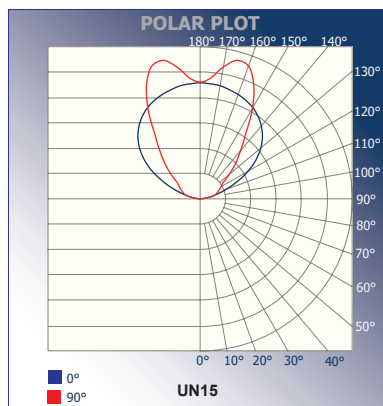
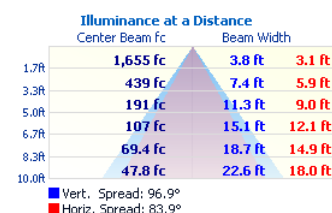
CUBE2-8-27L/27L



CUBE2-8-36L/18L



CUBE2-8-54L/18L



CUBE2

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, NDTV 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
ED560	eldoLED DUALdrive	<Lunatone>	SS-LUNAT PS2 30mA, SS-LUNAT Touch or BT, SS-LUNAT Comm
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-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
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
DTO	Philips Xitanium Gen.2 Philips Xitanium Sensor-Ready	<Lutron>	Nova T: #NTSTV-DV http://www.lutron.com/TechnicalDocumentLibrary/NovaTB.pdf See page13.
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.

CUBE 2 LIT CONNECTOR PATTERNS

The lit connector system allows continuous illumination all the way through the corner section.

- Instruction:**
- Please provide sketches illustrating corner types, overall dimensions including corner dimensions, and locations required.
 - HC90, TC, and XC connectors are 90 degree corners (overall, outside dimension).

