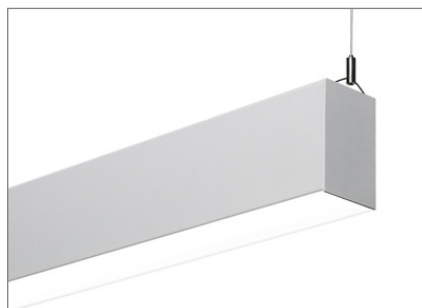


CUBE2

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 arrayLEDs.
- 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:

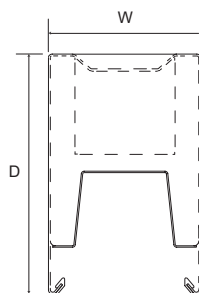
- High power factor electronic driver, operate from a 120 ~ 277 Vac input range, 50 / 60 Hz.
- Features included over voltage protection, surge, short circuit protection and over load protection.
- Power Factor: typical > 0.95, THD <20, meets Class1 or Class 2 circuit.
- 0-10V dimmable driver as standard.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

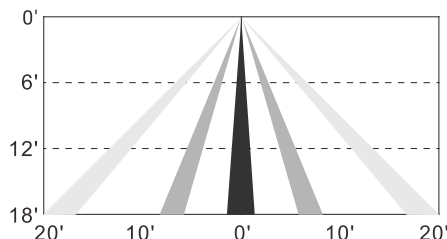


Specifications: CUBE2

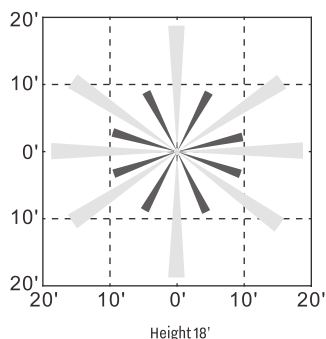
Width: 2.5 (64)
Depth: 4 (101)

All dimensions are in inches (millimeters).

SIDE VIEW



TOP VIEW



AMS, IFS105SE coverage pattern

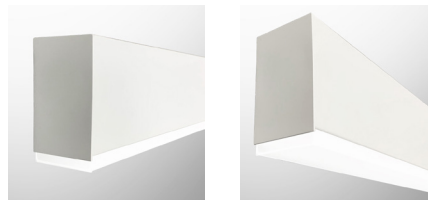
CUBE2

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 if you wish to have different CCT for up and down, and fill out next section
			3	3' Length	D18L	18W LED (640 lm/ft)	/U18L	18W LED (530 lm/ft)	UN15	Uplight Narrow 15°		
			4	4' Length	D27L	27W LED (820 lm/ft)			UN30	Uplight Narrow 30°		
			5	5' Length	D36L	36W LED (1061 lm/ft)	/U27L	27W LED (733 lm/ft)	UM	Uplight Medium 60°		
			6	6' Length	D48L	48W LED (1405 lm/ft)			UASY	Uplight Asymmetric 20° ³⁷		
			8	8' Length ⁴	D54L	54W LED (1537 lm/ft)			UBAT	Uplight Batwing 120°		
									UPC	Non-optic frosted cover		
<div>* 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.</div>												
CUBE2-CM (Custom)	Must provide a sketch on the last page				<div>* Maximum wattage per 4ft section - pendant/wall mount : 81W (up & down light) * Contact factory for custom wattage or lumen requirement.</div>							
<div><div>-27K</div><div>-30K</div><div>-35K</div><div>-40K</div><div>-50K</div></div> <div><div>2700K ²⁹</div><div>3000K</div><div>3500K</div><div>4000K</div><div>5000K</div></div>												

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	

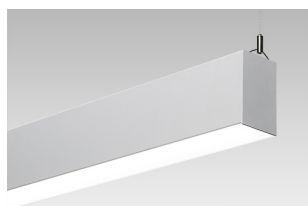
LED DRIVER		OPTIONS	
(Blank) UDSD SP ES566 SD40 SDXX PHSR PHDL ED560 TDM TD30/70 TDXX/YY LDE1 ELV TRIOT DTO DMX DLM LTEA2W	0-10V dim to 1% (Std.) (dim both uplight and downlight simultaneously) Separate Dimming Control of Uplight and Downlight (0-10V dim to 1%) ^{6, 16} Separate Power Control for Uplight 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 LSR-301-S LSR-301-P 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 Setup Remote Control for DPMS (Required for DPMS) Occupant Remote Control for DPMS <u><Ceiling / Wall mount Sensors></u> ²⁰ 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") Daylight sensor for daylight harvesting 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

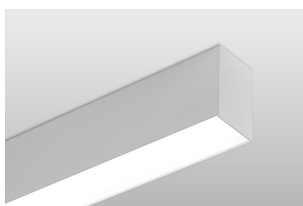
LIGHTING CONTROL SYSTEM			
LUTRON VIVE SNS200 SNS200C RS-IR IFS105SE PPA102S	<u><Lutron Vive System Enabled></u>  Click Here! <u><EasySense></u> EasySense Fixture-mount occupancy sensing, daylight harvesting and task tuning in one device (Must be ordered with PHSR driver) ^{30,31} EasySense Ceiling-mount occupancy sensing, daylight harvesting and task tuning in one device ^{30,31} IR dongle v2.0 for EasySense control <u><Bluetooth></u> Bluetooth Mesh Wireless Sensor. Occupancy/Daylight/0-10V Dimming Bluetooth Powerpack (Consult factory for installation location)	SU-5E-IoT SU-5E-CL RS-WS TMC-SU-5E 30N 7F ELIOP-SR ELIOP-LR SR-W DR-W CASAMBI	<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} 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) Enlighted Room controller providing basic control functions of a standard wall switch with preset dimming capability Tile Mount Carrier ³⁵ 30in extension cable 7ft extension cable <u><Elite Control></u> Bluetooth wireless PIR occupancy sensor with built-in daylight harvesting, short range Bluetooth wireless PIR occupancy sensor with built-in daylight harvesting, long range Bluetooth wireless single rocker pad, white finish Bluetooth wireless double rocker pad, white finish Contact factory for CASAMBI READY options

NOTES:

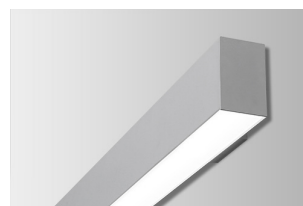
- Specify only when Continuous Row Mount.
- No need to select, if same as row length and section length.
- Pendant, wall mount only.
- Comes with 1pc 8ft lens.
- EM is installed in last 4' of luminaire sections. Separate section required 2SE or specified. Must specify voltage, not available with 347V.
- 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.
- Wall mounted fixture MUST choose the sensor from the following list. Shipped separately.
- "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)
E : Extra wide dome shape Lens @ 20' height (up to 4X height coverage)
F : Aisle way arch shape Lens @ 40' height (up to 3X height coverage)
G : 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)
E : Extra wide dome shape Lens @ 20' height (up to 4X height coverage)
F : 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



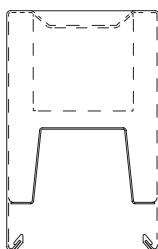
SURFACE



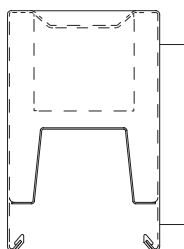
WALL

- MOUNTING DETAILS

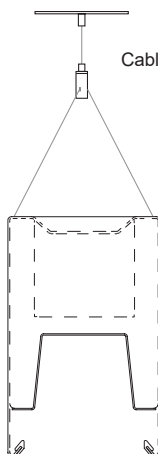
Surface



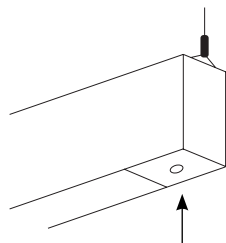
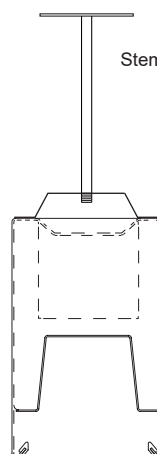
Wall



Cable



Stem (Pendant)



Sensor Plate

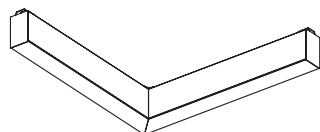


Lutron Vive Integral
fixture control installation



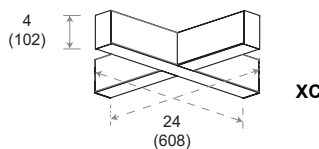
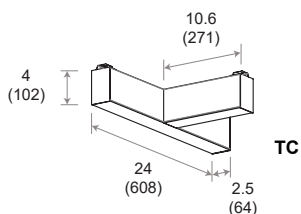
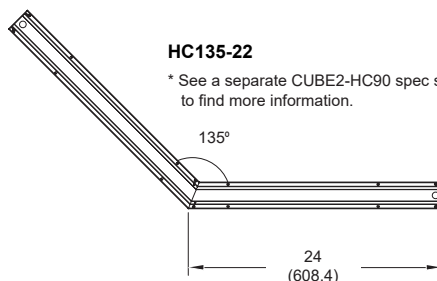
EasySense
fixture-mount installation

- LIT CONNECTOR



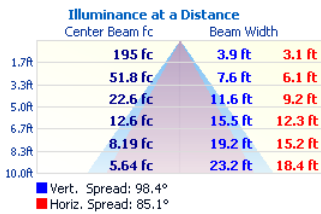
HC90-11
HC90-12
HC90-21
HC90-22

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

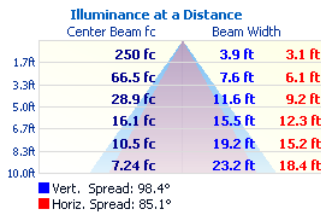


CUBE2

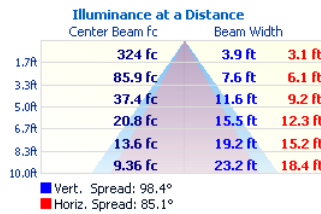
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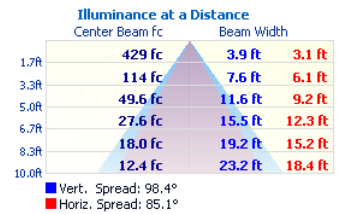
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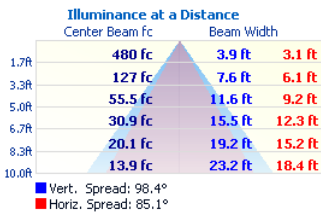
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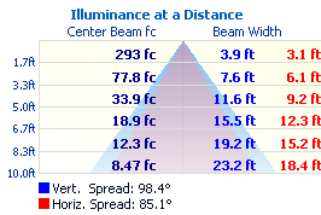
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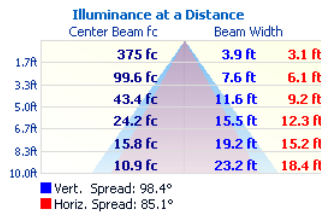
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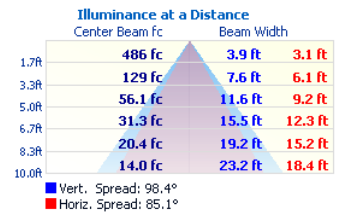
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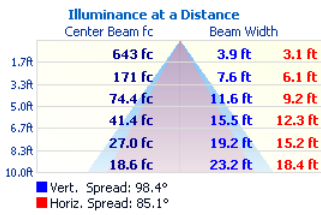
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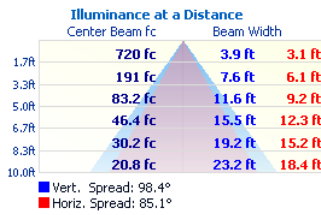
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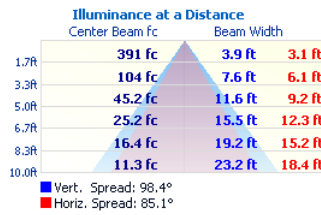
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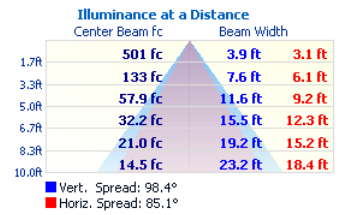
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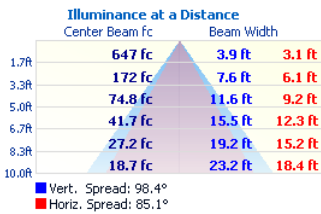
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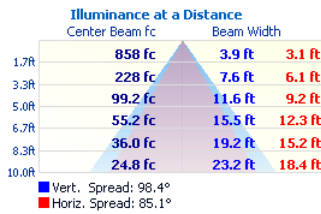
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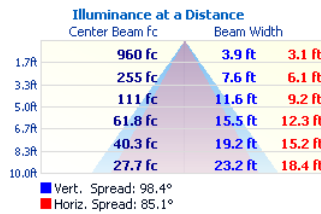
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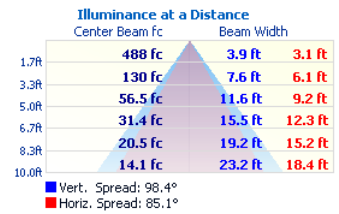
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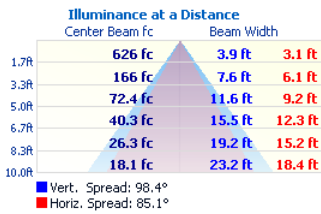
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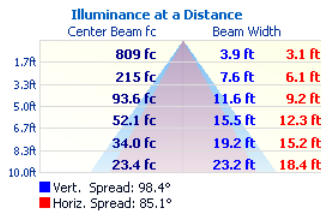
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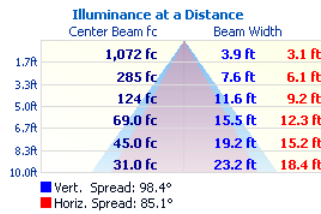
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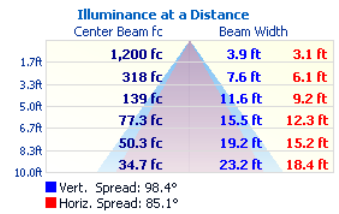
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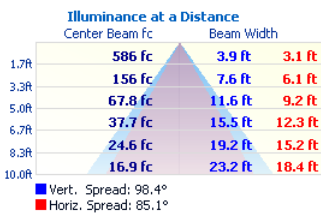
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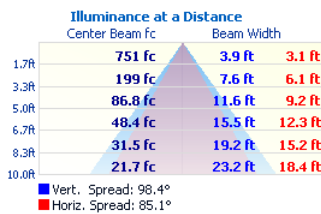
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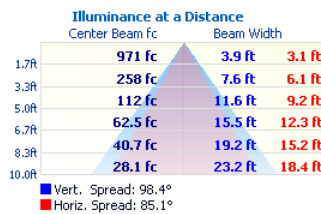
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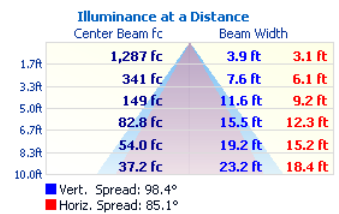
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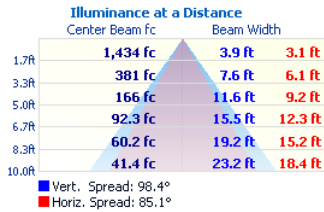


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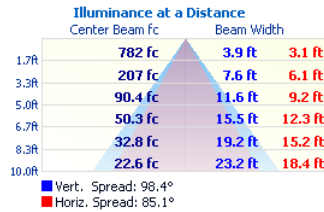


CUBE2

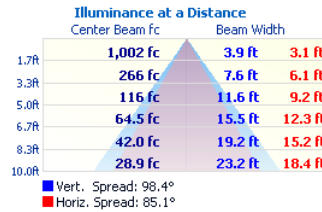
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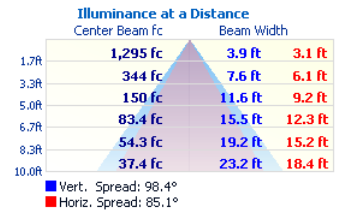
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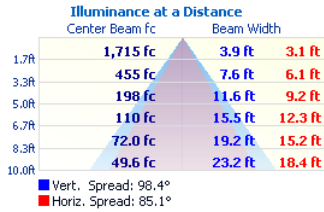
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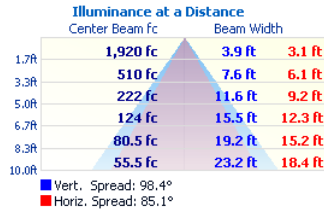
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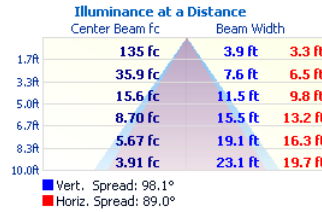
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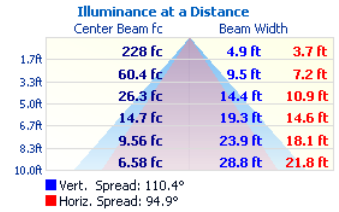
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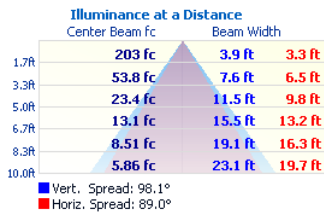
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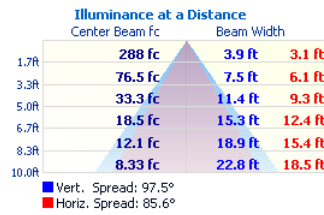
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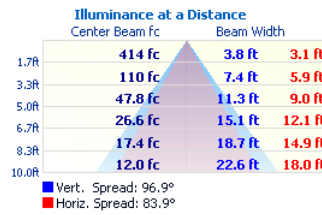
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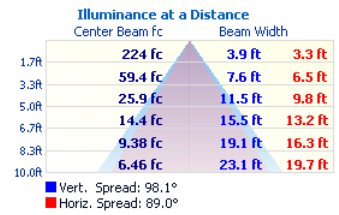
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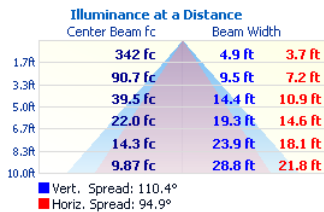
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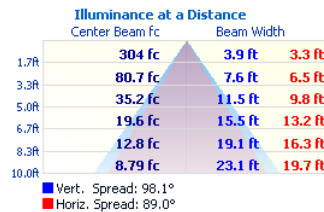
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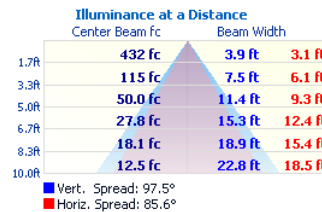
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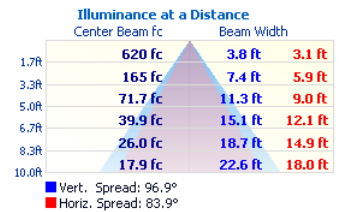
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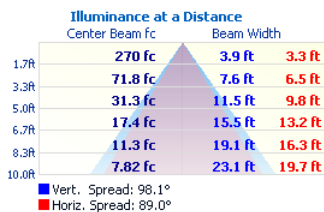
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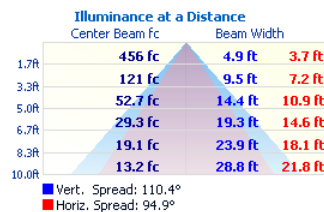
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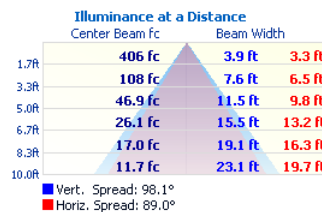
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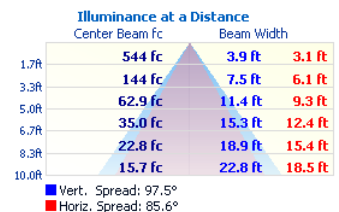
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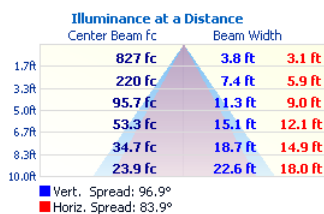
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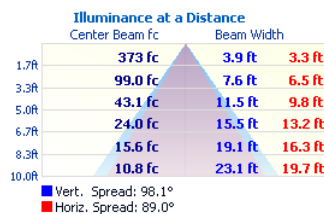
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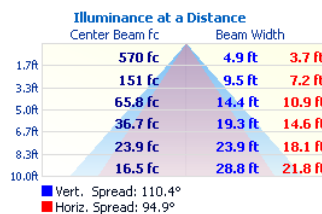
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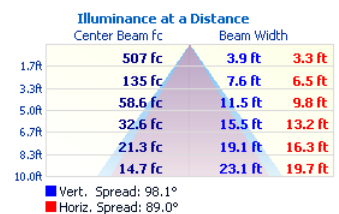
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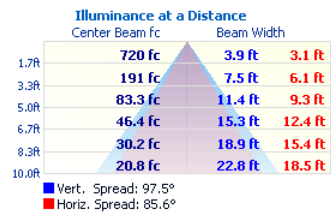


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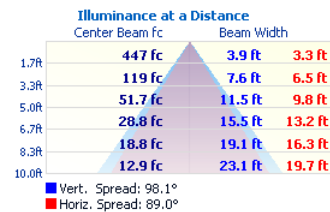


CUBE2

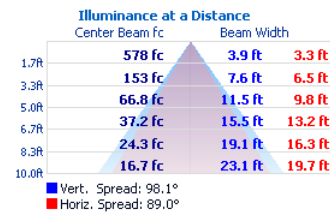
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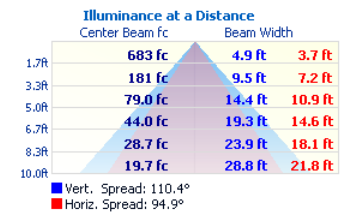
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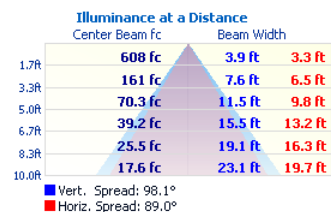
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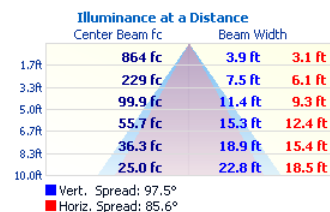
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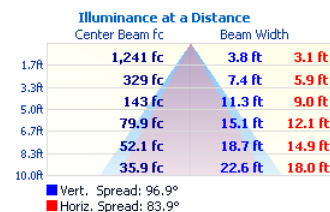
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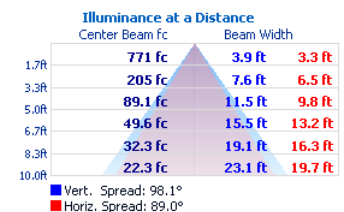
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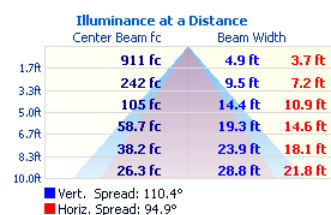
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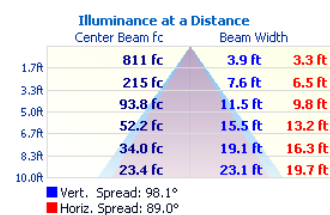
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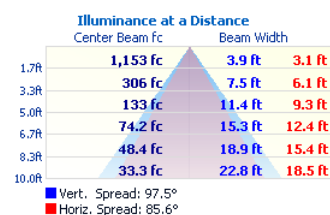
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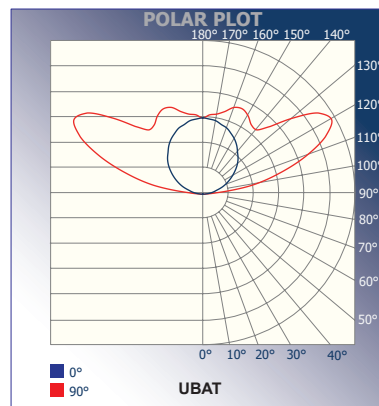
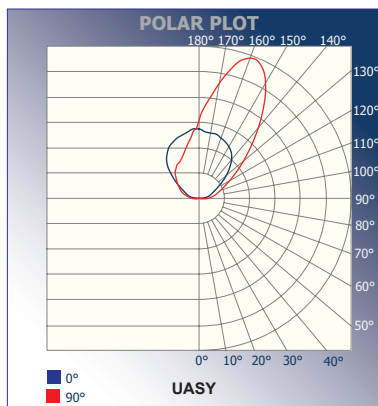
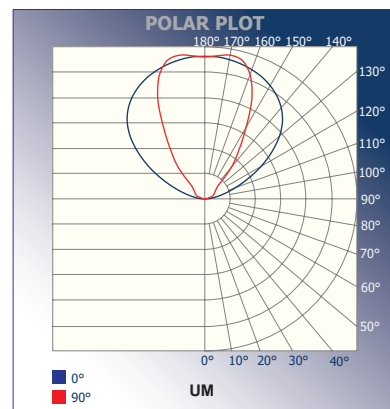
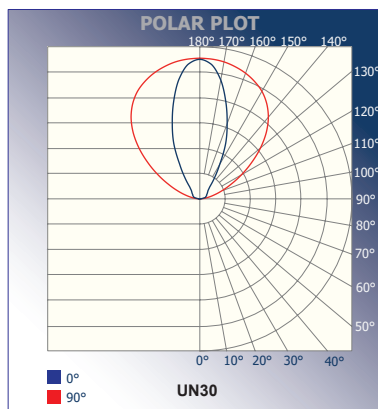
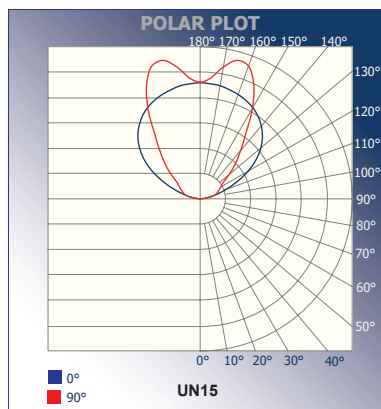
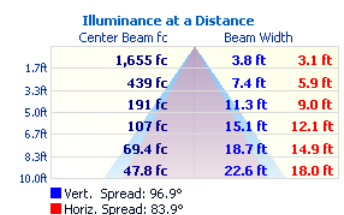
CUBE2-8-27L/27L



CUBE2-8-36L/18L



CUBE2-8-54L/18L



CUBE2

COMPATIBLE DIMMER SWITCH (TABLE 1)

Model #	Brand	Compatible Dimmer Switch	
(Blank)	-	<Leviton>	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
ES566	eldoLED SOLOdrive	<Busch-Jaeger>	2112U-101
		<Jung>	240-10
		<Leviton>	IllumaTech - 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	<Illumra>	<u>Single Rocker Self-Powered Light Switch (on/off, dim-up/down)</u> Illumra# ZBT-S1AWH Digi-Key# 1082-1033-ND <u>Dual Rocker Self-Powered Light Switch (on/off, dim-up/down, scene1,2)</u> Illumra# 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, IllumaTech 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:

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.
3. 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).

