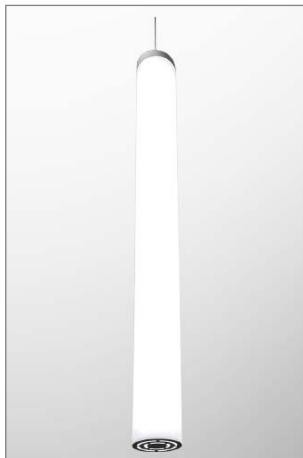


## ICICLE

Project Name:	
Type:	



## CASAMBI

## APPLICATION

The Icicle series is a decorative pendant vertical cylinder with a uniformly illuminated body. Decorative luminaire produces a versatile look for many indoor applications such as lobby / reception area, commercial, general office, banking and retail environments.

## FEATURES:

- Aluminum extruded construction.
- 360° diffused illumination with white acrylic cylinder diffuser.
- Matte clear anodized aluminum finish.
- Natural bottom lit standard.
- Available in 2/3/4ft length.
- Remote driver standard, remote box provided.

## MOUNTING:

- Low voltage cable mount (standard) to a 4" standard junction box.
- Low voltage cable length is field adjustable.

## DIFFUSER:

- White acrylic cylinder diffuser.

## LED:

- High quality array LEDs.
- CRI >80
- Color Temperature: 2700/3000/3500/4000/5000 (K)
- Calculated L70: 122,000 hours
- Reported L70: +60,000 hours.

## ELECTRICAL:

- High power factor electronic driver, operate from a 120 ~ 277 Vac input range, 50 / 60 Hz.
- Features included over voltage protection, surge, short circuit protection and over load protection.
- Power Factor: typical > 0.95, THD <20, meets Class1 or Class 2 circuit.
- Standard 0-10V 1% - 100% dim.
- Minimum starting temperature: -4°F (-20°C) ~ 122°F (50°C).
- Max allowed distance from the LED driver to the bottom of the suspension length is 23FT with the provided 20AWG wire.
- <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 and labeled.
- Suitable for dry & damp locations.
- CEC Compliant EM (please contact for more information)
- 5 years limited warranty.
- 7 or 10 years limited warranty. (optional) <sup>7</sup>
- ARRA compliant (optional).
- BAA compliant (optional).
- Trade Agreements Act compliant (optional).
- Bluetooth Mesh System available, please contact factory for more information.

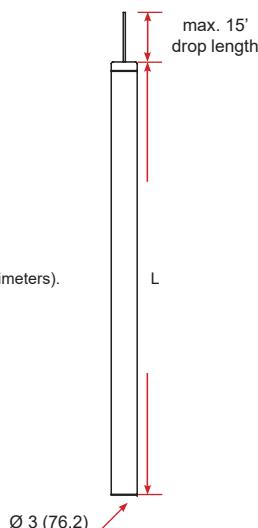
## CONFIGURATIONS

Series	Length	Model #	AC Input	Fixture Lumen Output (4000K)	Lumen Efficiency (4000K)
ICICLE	2' / 3' / 4'	18L	18W	1872 lm	104 lm/W
		27L	27W	2808 lm	
		36L	36W	3744 lm	
		48L	48W	4992 lm	
		54L	54W	5616 lm	
		72L	72W	7488 lm	

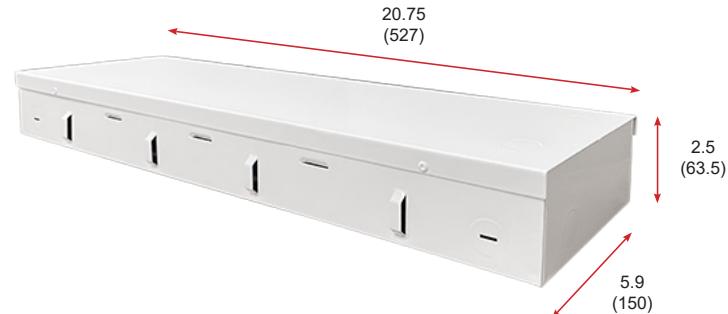
## DETAILS

2FT: 24.68 (627)  
3FT: 35.6 (904)  
4FT: 48.97 (1244)

All dimensions are in inches (millimeters).



## REMOTE BOX DETAILS



All dimensions are in inches (millimeters).

# INDOOR LED DECORATIVE PENDANT CYLINDER

## ICICLE

### ORDERING INFORMATION

EXAMPLE: ICICLE-4-36L-40K-UNV

MODEL		LENGTH		LED		COLOR TEMP.		CRI		DISTRIBUTION	
ICICLE		2	2' Length	18L	18W LED	-27K	2700K <sup>1</sup>	(Blank)	80+ CRI	(Blank)	360° distribution with bottom lit (Std.)

\* Contact factory for custom wattage or lumen requirement.

18L 27L 36L 48L 54L 72L

18W LED 27W LED 36W LED 48W LED 54W LED 72W LED <sup>10</sup>

DIFFUSER		MOUNTING		VOLTAGE		FINISH		CEILING TYPE	
(Blank)	Gloss White Acrylic (Std.)	(Blank)	Low Voltage Cable (Std.)	UNV	120-277V	(Blank)	Matte Anodized Aluminum (Std.)	X1	15/16" grid T-bar ceiling

SUSPENSION LENGTH		LED DRIVER <sup>4</sup>				OPTIONS			
LVC72	72" Low Voltage Cable w/Canopy, field adjustable. Custom Cable, "xx" in inches (max. 15' drop length)	(Blank) ES566 LDE1  ELV TDM LTEA2W	0-10V dim to 1% (std.) elidoLED SOLodrive Natural Dimming to dark, 0-10V, 0.1% dim Hi-lume 1% EcoSystem LED drive with Soft-on, Fade-to-Black dimming technology, 100% ~1% dim ELV compatible (reverse-phase or trailing-edge), (120V only) Triac Dim (120V only) Hi-lume 1% 2-wire LED driver (120V forward phase only)	(Blank) EMG8 EMG15 EMG20 EMG25 ELCU-200 GTD GTD10DIM O7W O10W ARRA BAA TAA	Remote 1296 LUMEN EM Battery Backup (CEC Compliant EM) <sup>5,6</sup> Remote 2430 LUMEN EM Battery Backup (CEC Compliant EM) <sup>5,6</sup> Remote 3240 LUMEN EM Battery Backup (CEC Compliant EM) <sup>5,6</sup> Remote 4050 LUMEN EM Battery Backup (CEC Compliant EM) <sup>5,6</sup> Fail-to-on Emergency lighting, UL924 <sup>7</sup> Bodine Generator Transfer Device Bodine Generator Transfer Device (0-10VDC Dimmer Override) Optional 7 Years Limited Warranty <sup>8</sup> Optional 10 Years Limited Warranty Assembled in USA for Buy American Act BAA(Buy American Act) and BABA(Build America Buy America) compliant Trade Agreements Act compliant				

LIGHTING CONTROL SYSTEM	
PPA102S	 Bluetooth Bluetooth Powerpack (Consult factory for installation location)
CASAMBI	Contact factory for CASAMBI READY options

#### NOTES:

1. Available with C9 (CRI 90+) only.
2. Lumen per watt is around 15% less than standard CRI 80+.
3. 347V cannot be ordered with Emergency Battery Backup.
4. Refer to Table 1 to find compatible dimmer switch.
5. Must specify voltage, not available with 247V.
6. Contact factory for other EM options.
7. Shipped separately.
8. This limited warranty covers electrical parts only and does not apply to labor, equipment lease, or defect from improper installation or operation.
9. Available with 4FT only.
10. Not available in 2FT.
11. 47W LED max.

# INDOOR LED DECORATIVE PENDANT CYLINDER

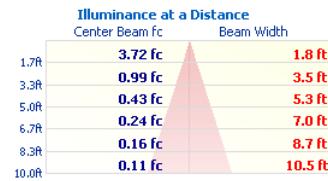
## ICICLE

ICICLE-4-18L



■ Horiz. Spread: 55.4°

ICICLE-4-27L



■ Horiz. Spread: 55.4°

ICICLE-4-36L



■ Horiz. Spread: 55.4°

ICICLE-4-48L



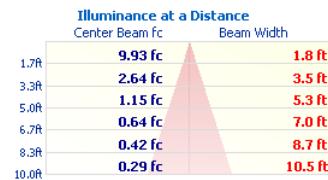
■ Horiz. Spread: 55.4°

ICICLE-4-54L



■ Horiz. Spread: 55.4°

ICICLE-4-72L



■ Horiz. Spread: 55.4°

COMPATIBLE DIMMER SWITCH (TABLE 1)

Model #	Brand	Compatible Dimmer Switch	
(Blank)	-	<Leviton>	IllumaTech IP7 series
		<Lutron>	Visit <a href="http://www.lutron.com/advance">www.lutron.com/advance</a> 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
		Nova T: NFTFV Diva - DFTV-xx, NFTV GRAFIK Eye: GRX-TV1 w GRX3503 Energy Savr Node: QSN-4T16-S TVM2 Module	
		<Lutron>	GLX-DIMFLV8, GLXP-DIMFLV8, GLPAC-DIMFLV4-* , GLPAC-DIMFLV8-* , GLPP-DIMFLVEX-PM, GLPP-1DIMFLV2EX-PM, GLPP-1DIMFLV3EX-PM, DIN-A08, DIN-4DIMFLV4, CLCI-1DIMFLV2EX
LDE1	Lutron Hi-lume 1% EcoSystem	<Lutron>	PowPak Dimming Modules: RMJ-ECO32-DV-B, FCJ/FCJS-ECO 1.2 Energi Savr Node (120V only): QSN-1EC0-S, QSN-2ECO-S GRAFIK Eye QS/Homeworks QS control unit (120V only): QSGRJ_E(wireless) QSGR-E Quantum Hub (120V only): QP2-__2C/4C/6C/8C Homeworks QS/MyRoom Plus power module (120V only): LQSE-2ECO-D
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
LTEA2W	Lutron Hi-lume 2-wire (120V forward voltage only)	<Lutron>	Visit <a href="http://www.lutron.com/TechnicalDocumentLibrary/369543_ENG.pdf">http://www.lutron.com/TechnicalDocumentLibrary/369543_ENG.pdf</a> 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](http://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.