

ICICLE

Project Name:	
Type:	



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) ⁷
- ARRA compliant (optional)
- BAA compliant (optional)
- Bluetooth Mesh System available, please contact factory for more information.

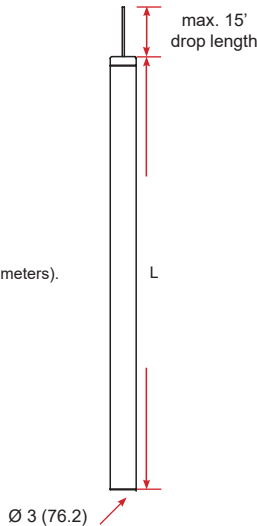
CONFIGURATIONS

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	

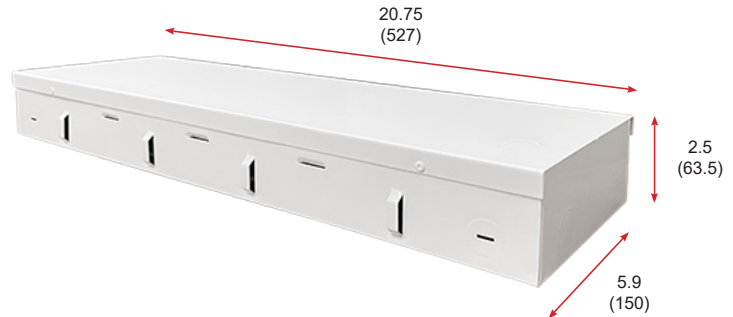
DETAILS

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).

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 ¹	(Blank) C9 80+ CRI 90+ CRI ²	(Blank) CB 360° distribution with bottom lit (Std.) 360° distribution with closed bottom
	3 3' Length	27L 27W LED	-30K 3000K		
	4 4' Length	36L 36W LED	-35K 3500K		
		48L 48W LED	-40K 4000K		
		54L 54W LED	-50K 5000K		
		72L 72W LED ¹⁰			

* Contact factory for custom wattage or lumen requirement.

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
				120	120V			X2	Hard ceiling
				277	277V			X3	Sloped Hard ceiling
				347	347V ³				

SUSPENSION LENGTH		LED DRIVER ⁴			OPTIONS		
LVC72	72" Low Voltage Cale w/Canopy, field adjustable.	(Blank) ES566 LDE1	0-10V dim to 1% (std.) eldoLED 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			EMG8	Remote 1296 LUMEN EM Battery Backup (CEC Compliant EM) ^{5,6}
LVCxx	Custom Cable, "xx" in inches (max. 15' drop length)		ELV TDM LTEA2W	ELV compatible (reverse-phase or trailing-edge), (120V only) Triac Dim (120V only) Hi-lume 1% 2-wire LED driver (120V forward phase only)			EMG15 EMG20 EMG25 ELCU-200 GTD GTD10DIM O7W O10W ARRA BAA
		BLT	Bluetooth Mesh System (contact factory for more information)				

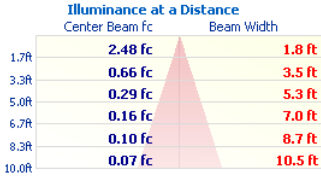
LIGHTING CONTROL SYSTEM	
PPA102S	<Bluetooth> Bluetooth Powerpack (Consult factory for installation location)

NOTES:

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

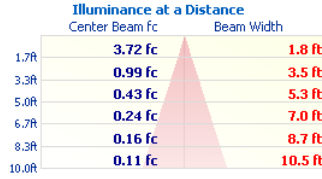
ICICLE

ICICLE-4-18L



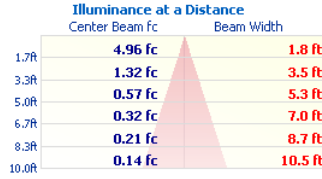
■ Horiz. Spread: 55.4°

ICICLE-4-27L



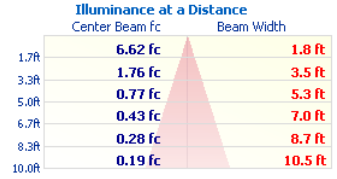
■ Horiz. Spread: 55.4°

ICICLE-4-36L



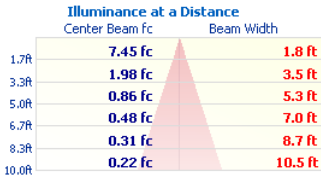
■ Horiz. Spread: 55.4°

ICICLE-4-48L



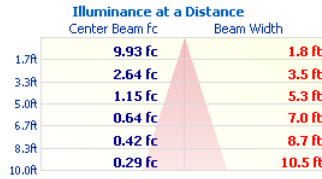
■ Horiz. Spread: 55.4°

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 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 Divia - DDTV-xx, NFTV GRAFIK Eye: GRX-TVI w GRX3503 Energy Savr Node: QSN-4T16-S TMV2 Module
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
TDM	KEYSTONE	<Lutron>	Divia DV-600P, SkyLark S-600P, Ariadni AY-600P, Ariadni TG-603P, Maestro MA-600 (Digital), Divia 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 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.