

2007 catalog


THE FLAT, FLEXIBLE LIGHTBULB



Welcome to CeeLite™ LEC Technology!

CeeLite™ is the world's first company to manufacture and market commercially-viable Light Emitting Capacitor (LEC) technology, which is destined to redefine the way lighting is used today! CeeLite's LEC technology was recently named one of **TIME Magazine's "Best Inventions of 2006,"** and **Electronic Products Magazine's "2006 Products of the Year"**.

CeeLite's advanced LEC technology turns any surface into a light source. Ranging in size from cell phones to 3' x 6', CeeLite LEC technology creates new markets where lighting was previously impossible and replaces traditional lighting where high quality surface illumination is required; in floors, walls, ceilings and within unconventional objects such as:

- 60 sq ft backlit exterior advertising on Los Angeles buses
- Sound-activated illuminated drums for the Red Hot Chili Peppers
- H&M Madonna massive two-story window display to produce a fully interactive fashion show which lit up NYC's Fifth Ave.
- Residential bathroom counter tops

LEC technology is comprised of three critical components:

- OSRAM SYLVANIA's higher quality light emitting phosphors for brightness combined with CeeLite's proprietary blending processes for the whitest color
- Advanced, proprietary, programmable Flatline Inverters to control levels of brightness and ambience
- Advanced "packaging materials" for lower heat generation, phosphor protection and systemization which has created a platform technology

CeeLite is *ISO 9001:2000* and *IECQ* certified.

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CeeLite™ LEC Panels are offered in a variety of standard sizes in portrait and landscape formats and are powered by our UL and FCC approved inverters. Below are the standard sizes with recommended inverters. Custom sizes are available with minimum order quantities. The standard color temperature for CeeLite LEC panels is 7500 degrees Kelvin. Additional color temperatures are available with minimum order quantities.

7501 LEC Panels - North American Sizes

Part Number	Standard Sizes	Recommended Inverter
AB 11.5-C	11.5" Circle Panel	INV-FL100-AB
AB 24.0-C	24" Circle Panel	INV-FL600-AB
AB 100	8.5" x 11"	INV-FL100-AB
AB 105-3	2.16" x 24.24"	INV-FL100-AB
AB 110-3	4.4" x 24.4"	INV-FL100-AB
AB 200	8.5" x 14"	INV-FL200-AB
AB 300	11" x 17"	INV-FL300-AB
AB 400	16" x 20"	INV-FL400-AB
AB 500	20.25" x 20.25"	INV-FL500-AB
AB 600	12" x 36"	INV-FL600-AB
AB 700	18" x 24"	INV-FL700-AB
AB 800	22" x 28"	INV-FL800-AB
AB 900	24" x 36"	INV-FL900-AB
AB 1000	36" x 48"	INV-FL1000-AB
AB 1100	36" x 72"	INV-FL1100-AB

Add -P to Part Number for Portrait. Add -L to Part Number for Landscape.

7501 LEC Panels - Metric Sizes

Part Number	Metric Sizes	Recommended Inverter
AB-A4	A4-210mm x 297mm	INV-A4-UL3
AB-A3	A3-297mm x 420mm	INV-A3-UL3
AB-A2	A2-420mm x 594mm	INV-A2-UL3
AB-A1	A1-594mm x 841mm	INV-A1-UL3
AB-A0	A0 - 841mm x 1189mm	INV-A0-UL3

All Metric Sized LEC Panels come with the pig-tail attached to the short side of the panel.

2 CeeLite™ LEC Panels are powered by UL and FCC approved inverters, which deliver 99 percent uniform surface illumination. Below are the standard inverters. CeeLite inverters convert either DC or AC electrical current to meet required panel voltage and frequency needs. The inverters are available for CeeLite's standard LEC panel sizes and will run multiple panels of varying sizes.

Flatline Inverters

Part Number	Product Description
INV-FL100-AB	Use with 8.5" x 11", 4.4" x 24.4", or 11.5" Circle panels
INV-FL200-AB	Use with 8.5" x 14" panel
INV-FL300-AB	Use with 11" x 17" panel
INV-FL400-AB	Use with 16" x 20" panel
INV-FL500-AB	Use with 20.25" x 20.25" panel
INV-FL600-AB	Use with 12" x 36" or 24.0" Circle panels
INV-FL700-AB	Use with 18" x 24" panel
INV-FL800-AB	Use with 22" x 28" panel
INV-FL900-AB	Use with 24" x 36" panel
INV-FL1000-AB	Use with 36" x 48" panel
INV-FL1100-AB	Use with 36" x 72" panel

CeeLite Flatline Inverters constantly monitor the output of the CeeLite LEC panels and provide the power necessary to maintain the brightness level selected.

Non-Flatline Inverters

Part Number	Product Description
INV-US100-AB	Use with 8.5" x 11", 4.4" x 24.4", or 11.5" Circle panels
INV-US200-AB	Use with 8.5" x 14" panel
INV-US300-AB	Use with 11" x 17" panel
INV-US400-B	Use with 16" x 20" panel
INV-US500-B	Use with 20.25" x 20.25" panel
INV-US600-B	Use with 12" x 36" or 24.0" Circle panels
INV-US700-B	Use with 18" x 24" panel
INV-US800-B	Use with 22" x 28" panel
INV-US900-B	Use with 24" x 36" panel
INV-US1000-B	Use with 36" x 48" panel
INV-US1100	Use with 36" x 72" panel

CeeLite Non-Flatline Inverters can be used to power multiple LEC panels using one inverter.

CeeLite™ LEC Panels are also available in two-wire options. Two-wire is generally used for small format applications where a grounding wire is not needed. Below are CeeLite's two-wire product offerings.

7501 Two-Wire LEC Panels

Part Number	Standard Sizes	Recommended Inverter
AB 005-2	2.5" x 3.5"	INV-US004
AB 105-2	2.16" x 24.24"	INV-US100-AB
AB 110-2	4.4" x 24.4"	INV-US100-AB

Two-Wire Inverters

Part Number	Product Description
INV-US004	9 sq. in. inverter @ 60 cd Requires AA Battery
INV-US007	16 sq. in. inverter @ 60 cd Requires AA Battery
INV-US050	50 sq. in. inverter @ 150 cd REQUIRES ACCESSORY

Two-Wire Accessories

Part Number	Product Description
MEC 210	10' Extension Cord
MEC 220	20' Extension Cord
MWA-AC-050	AC adaptor plug for INV-US050
MWA-DC-050	Cigarette plug for INV-US050
MWA-HW-050	Hard wire for INV-US050, 5' long
MWA 2-3	2-Wire Inverter to 3-Wire Panel Adaptor
MWA 3-2	3-Wire Inverter to 2-Wire Panel Adaptor
MYC 200	Y Connector

CeeLite™ offers a variety of standard and custom accessories including sequencers, cords, and connectors. All accessories are fully compatible with all standard CeeLite LEC panels and inverters.

Accessories

Part Number	Product Description
MEC 310	10' Extension Cord 3-Wire
MEC 320	20' Extension Cord 3-Wire
MEC 330	30' Extension Cord 3-Wire
MWA 2-3	2-Wire Inverter to 3-Wire Panel Adaptor
MWA 3-2	3-Wire Inverter to 2-Wire Panel Adaptor
MWA-DC1	Cigarette plug for INV-US100-AB, INV-US200-AB, INV-US300-AB
MYC 300	Y Connector - 3-Wire

Controllers

Part Number	Product Description
MMS	Photo/Motion Sensor
MSQ 200	Basic 2-Panel Controller
MSQ 250	Basic 4-Panel Controller
MSQ 300	Basic 8-Panel Controller
MSQ 300P	Programmable 8-Panel Controller
MSQ 600P	Programmable 16-Panel Controller

CeeLite LEC panels can be powered by one inverter or multiple LEC panels can be powered by one inverter. The chart below details how to power multiple LEC panels using one inverter.

Number of LEC Panels by Size

	US 100	US 200	US 300	US 400	US 500	US 600	US 700	US 800	US 900	US 1000	US 1100
	8.5" X 11"	8.5" X 14"	11" X 17"	16" X 20"	20.25" X 20.25"	12" X 36"	18" X 24"	22" X 28"	24" X 36"	36" X 48"	36" X 72"
Inverter											
US100	1	-	-	-	-	-	-	-	-	-	-
US200	1	1	-	-	-	-	-	-	-	-	-
US300	2	1	1	-	-	-	-	-	-	-	-
US400	3	2	1	1	-	-	-	-	-	-	-
US500	4	3	2	1	1	-	-	-	-	-	-
US600	4	3	2	1	1	1	1	-	-	-	-
US700	4	3	2	1	1	1	1	-	-	-	-
US800	6	5	3	1	1	1	1	1	1	-	-
US900	9	7	4	2	2	2	2	1	1	-	-
US1000	18	14	9	5	4	4	4	2	2	1	-
US1100	28	22	14	8	6	6	6	4	3	2	1

Failure to conform to the above configuration of LEC panels with inverters may result in damage to, or substandard performance, of the LEC panels. Non-Flat-line inverters are recommended for powering multiple LEC panels.

