



WIRED UP!

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Local Companies Announce New Lighting Technologies

Tampa Bay's local lighting vendors have new useful books available from comprehensive lighting catalogs to designer lighting specification manuals. CEGI has just completed updating its library with these latest lighting design technology reference materials. A sampling of some the new lighting technology being provided by some of the local lighting manufacturers is highlighted below.

"PSG5 from Hubbell Lighting" – Hubbell's primary product selection guide features 13 product lines that canvass light fixtures used in typical projects. There are several indoor categories for commercial applications, as well as outdoor, life safety, industrial, and the sports arena field. The guide's index provides for quick reference of items, and every product has a color photo with relevant dimensions. There is also a list in the back of the guide that contains lighting fixtures by name.

"The Fourth Edition of the Buyer Guide from Cooper Lighting" – Similar to Hubbell, Cooper has introduced a new product selection guide. It features 16 lighting sections and many of them tend to highlight sleek light fixtures. There are several sections dedicated to outdoor lighting including landscaping, decorative architectural and site light fixtures.

"RT5 Lay-In Fixtures from Lithonia Lighting" – Lithonia Lighting recently hosted an open house featuring the RT5 'A' style fixture on October 18th in Tampa. This fixture differs from conventional troffers and has improved photometrics, which yield higher power consumption to lumens output efficiency. All of the RT5 lines can be wired by double switching: throwing one switch provides 50% light output and throwing both switches provides 100% output. Designers will appreciate the sub 3.5" mounting depth and owners will like its modern looks. This fixture is a good candidate for those interested in meeting LEED certification in their facilities.

"Designing with Light from Lightolier" – Published by Lightolier, this book is loaded with brilliant full-color pictures, and design tips for "best results" that answer the "Will this fit?" or "How do I get that effect?" questions at the design meeting. This book has just the right amount of specifications to make effective and beautiful lighting designs. Additionally, there is a section on switches and the design parameters required when specifying them.

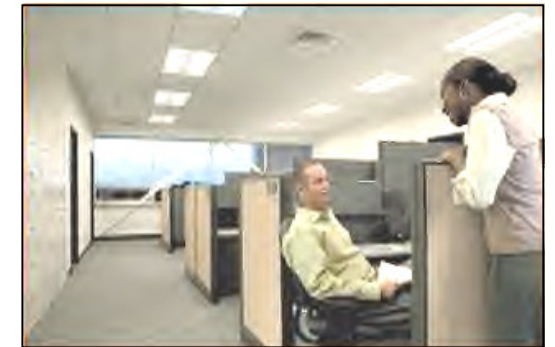


Photo Courtesy of Lithonia Lighting

To obtain additional information from these vendors, contact their local representative listed below.

Hubbell Lighting: Edward Iwaszki (727) 733-7000

Cooper Lighting: Jeff Buchanan (813) 931-8423

Lithonia: Greg Hakman (813) 299-2342

Lightolier: Tom Kendrick (813) 932-7277

Researched and compiled by Jeffrey J. Basiaga, P.E., CEGI.

Stargazers: Here Comes Mars!

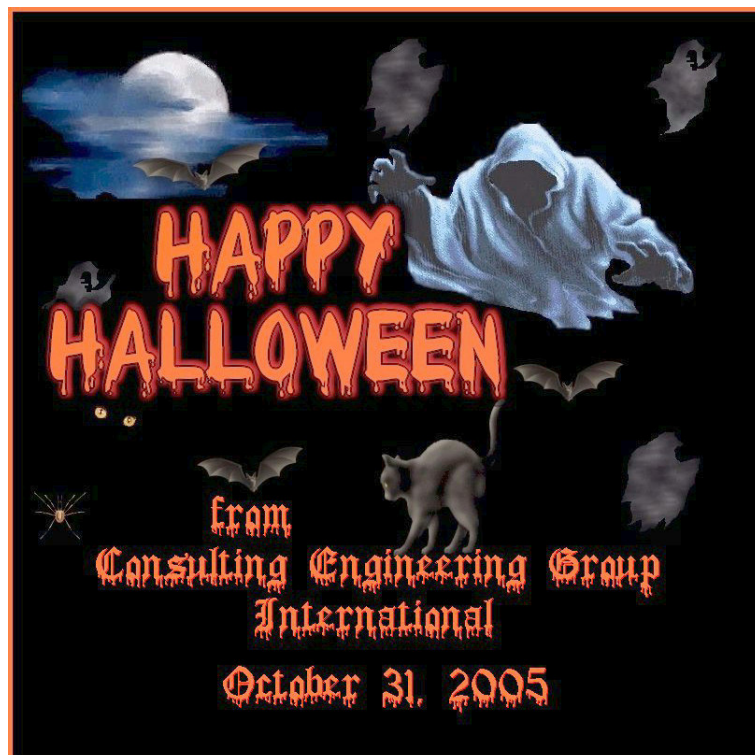
Mark your calendar: On Oct. 30th, Mars makes its closest approach to Earth for the next 13 years. The view of Mars through backyard telescopes is already spectacular and getting better. Amateur astronomers are monitoring a big dust storm that is "rewriting the map of Mars" from night-to-night. You can see Mars with the unaided eye, too. It looks like a brilliant orange star rising in the east after sunset. Visit <http://spaceweather.com> for pictures and sky maps. Mars, on the right, is viewed through a 10" telescope on September 18, 2005. North is up. Credit: Alan Friedman of Buffalo, New York.



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4. Wired Up!



Safety Tips for Trick-or-Treaters

- Be part of a group and don't stray from the group.
- Don't enter the home of a stranger.
- Never accept rides from strangers.
- Carry flash lights so you can be easily seen.
- Don't take shortcuts through backyards, parks or alleys.
- Be alert, have fun but don't let your guard down.

Send us your feedback to: cegi@tampabay.rr.com

Phone: (813) 936-0796

Lighting: Emphasize Your Decoration With Lighting Tips

Lighting creates ambience and makes a room welcoming. Good lighting enables activity, enhances color, and gives a room a sense of warmth and life. Lighting can fill a dark corner, lift a low ceiling, camouflage a dark angle, or brighten up a gloomy room. We are always seeking balance, so we don't want to overlight or under-light any area.

Light fixtures also bring fun and fashion to a space. One of the keys to creating a comfortable and flexible room is to layer the lighting. There are three kinds of lighting to consider. Use a mix ambient, task, and accent lighting to delineate different zones. Choose light fixtures and lamps that add character to your decor.

Ambient Lighting, Task Lighting and Accent Lighting:

Begin with the ambient lighting or general lighting that just makes the room visible. Ambient light is the basic lighting layer, illuminating walls, open areas, and main pieces of furniture so that you can navigate the space with ease. For instance, ambient lighting in a living room is very important because more than one person often occupies the room. Hanging ceiling fixtures offers the broad wash of diffused illumination required for soft, general lighting. Ambient light can be direct, bounced off a wall, or diffused through a shade to warm up the quality of the light.

Select your style:

- Torchières are uplights that emit a soft, even wash of light, their beam bounces from the ceiling before angling down.
- Recessed downlights are built into the ceiling and have a reflective lining.
- Pendants hang from the ceiling. They come in different shapes and styles that can add another decorative element to a room.
- Suspended uplights are ceiling-mounted fixtures that cast light upward and give an even glow.
- Wall-mounted uplights or sconces cast a diffused glow and are wise choices for pale-colored rooms or reflective wall finishes.



- After, consider the task lights you'll need for you and your family to read, work, or play. Task lighting is focused light that illuminates a specific activity. Available in a vast number of styles, task lamps offer both direct illumination and great design flexibility because you can often change their style and the effects of their light with different shades or positioning. Place wall sconces behind the sofa to facilitate reading, or use a swing table lamp on a side or parson's table. Most bedrooms require effective task lighting next to the bed as well as in reading corners, at vanities, and on work surfaces.



Select your style:

- Table lamps with three-way bulbs allow for adjustable levels of light. They come in a variety of shapes, sizes, and wattages.



- Swing-arm lamps have adjustable arms that allow the light to be swung into position, perfect at the bedside.
- Sconces attach directly to the wall and can offer useful supplementary lighting.
- Floor lamps are freestanding and may be adjustable in height.
- Closet Lights come in options such as hard-wired, low-voltage or battery-operated.
- Accent lights are specific and attention grabbing. They are used to set mood, draw focus, or add sparkle. Larger accent lights like wall washers impart a soft colorful glow; spotlights can draw attention to favorite artwork or emphasize a focal wall; candles create a sense of movement and cast dramatic shadows. Often, it can be a beautiful decorative accessory on

its own. Use accent lighting to spotlight a photo, collection, or display. Place accent lights in bookcase shelves or on a long mantel for subtle illumination. See Lighting, page 3.



Lighting from page 2 (Cont'd.)

Select your style:

- Picture lights perch over artwork to illuminate it. They are usually low wattage to minimize glare off reflective surfaces.
- Track lights can be aimed to highlight architectural details and favorite objects.
- Mini-chandeliers hang from the ceiling and add sparkle.
- Candles fill a room with warmth and animation; they can add color and scent as well.
- Nightlights are very low wattage and offer illumination by which to navigate or sleep.
- Beaded-shade lamps change the quality of light, tinting it with jewel tones.

Lighting Every Room:

- Foyers, halls and stairways: size the decorative fixture to the space. If the fixture can be viewed from another room, be sure to select a fixture, which looks attractive. Stairways and halls must have good general lighting for safety.
- Bedroom area: gently filtered and flattering light in a bedroom creates a sense of calm and repose. The placement and intensity of lighting affects a space's atmosphere, making it cozy or cool, dramatic or cheerful. The right level of light in a bedroom is entirely personal, it should be flexible enough to let you read, work and relax comfortably. Consider first the ambient lighting or general lighting, it is the light cast by overhead fixtures, whether recessed and largely invisible (as in most modern houses) or pendant and decorative (as in older homes).
- Living area: recessed lighting is one of the best ways to light a general area because the light source is concealed. One of the most immediate ways to bring graciousness to a room is by implementing a well-designed lighting plan. By providing multiple sources, both an inviting wash of ambient light and a variety of task and accent lights, you establish the living room a place where all will feel at home. Individual lamps create an intimate feeling. Commonly used as sources for task-specific lighting, floor, table, and wall lamps and their shades can transform the mood of the room. Think of lampshades as fashion accessories. Translucent shades, such as those made of natural parchment, silk, handmade paper, or linen, softly diffuse light; opaque and semi-opaque shades alter the direction of light and focus the beam up or down. Candles are infinitely useful for adding drama, warmth, and sparkle to a space. Aromatic candles infuse a space with long-lasting scent.
- Dining area: a chandelier or pendant can be a general lighting element, as well as a focal point of your home. A chandelier should be 6" to 12" smaller than the narrowest side of the table and the bottom of a pendant or chandelier should be approximately 30" above a table. Recessed wall washers can provide additional light while helping to create an illusion of a larger room space.
- Kitchen area: decorative fluorescent fixture mounted in the center of a work space is a common choice but as energy efficient as they are, fluorescent bulbs cast a cold white light that makes people look ghostly. Cooking and food preparation require good lighting, you'll make the kitchen a much more attractive place to be by replacing fluorescent lights with incandescent or halogen lighting. Down lights mounted 18" off the edge of the cabinets, and spaced 3" or 4" on centers will create additional general lighting.
- Bathroom area and vanity lighting: a good lighting plan begins at the vanity, and proceeds from there. Use both side and top lighting, surround the mirror with clear, soft light to avoid shadows and glare on your face. For a nice, ambient radiance, think about indirect lighting, which usually recesses the light source in an over-head cove. Areas over 100 square feet require several recessed down lights or decorative surface mounted fixtures. It's important to understand what qualities of light will work best, both with your skin tone and the materials in the bath. The goal is to provide the room with a background of flattering, even light. To change the mood of installed lighting or to add flourish, use accent lighting, floor lamps, table lamps or chandeliers can all function as accent lights. Bring in pillars, votives, and scented candles to create a true sense of private refuge.
- Outdoor lighting: Select a design and size to complement your house while providing sufficient lighting for safety. When installing a wall lantern, size the fixture to the door and surrounding space. Wall lanterns should be mounted slightly above eye level from the center of the fixture to the floor. Post top lanterns are an excellent way to light a walkway, while complimenting wall lanterns. Large post top lanterns make a better impression when used in large open spaces.



Tampa Bay Vette's Annual Event of the Year!
Located
at
Ferman Chevrolet
9751 Adamo Dr (Hwy 60 in Brandon)
Tampa, FL 33619
"Over 500 Corvettes"

Jim Kill, president of CEGI, will be showing his 1997 Silver C5 corvette. Stop by for an awesome time! To view events and information, visit: www.tampabayvettes.com.