

SPECTRUM LIGHTING

N8 W22520 Johnson Dr., Unit E, Waukesha, WI 53186
Phone: 262-970-0300 Fax: 262-970-0350

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PureFX is now available in 1x1, 6"x4, 1x4, 2x2 and 2x4 sizes. The 1x1 is available with 18, 26, 32 and 42 watt lamps to suit any need. Using MesoOptics technology, it can

constrain or disperse lighting for optimum control and uniformity better than any other "volumetric" luminaire. It also allows for the creation of highly controlled beam patterns and has the ability to redirect light into desired angles. MesoOptics is a highly efficient material that allows 95% of the light that enters to pass through. this enables the creation of highly energy-efficient lighting products that are environmentally responsible and visually healthy.



resulting in energy savings of up to 90 percent.

The placement of the LEDs near the edge of the stacked louvers increases luminaire efficiency by up to 100% versus conventional light sources placed behind the louvers. LEDs are available in several colors, and have a typical lifespan of 50,000 to 60,000 hours. One benefit of bi-leveling LEDs is that the longevity increases due to the reduced temperature. Since the LEDs are not driven by high current, the expected life will increase.



BRM832/836 LED School Bollard

The Gardco 830 Series LED Bollard with Demand Response combines refined aesthetics, exceptional light output and maximum energy savings to create

the most sophisticated and versatile LED walkway lighting product available today.

It begins with impeccable form - a simple, seamless design that eases into any location, yet retains the rugged strength, all-weather sealing and vandal resistance necessary for the punishing environments where bollards are used. What truly sets the 830 Series apart, however, is its incredible energy-efficient LED Bollard technology exclusively from Gardco. The patent-pending system uses stacked modular louvers to control glare and uniformly distribute LED light in patterns of 180 or 360 degrees. Most impressively, the Demand Response component uses motion-sensing technology to switch between low light and high light modes. This revolutionary feature ensures that low light levels are used when maximum light is unnecessary,

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A NOTE ABOUT COMPACT FLUORESCENT LAMPS WITH AMALGAM

The use of High Wattage Compact Fluorescent Lamps (26/32/42) with mercury amalgam is becoming more prevalent in our industry. These lamps require more time to come to full brightness than nonamalgam sources. This is in the design of the lamp which needs amalgam so it can maintain full brightness in its warm fixture environment. In large facilities where they are turned on once a day, long ramp-up times may be acceptable. **Due to the longer ramp-up times of the amalgam lamps, it may be annoying to users in frequently switched spaces (such as restrooms).** Nonamalgam lamps in these situations may be the better choice.

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Use of mercury amalgam is not readily reported in lamp catalog information; however, users can request this information from the lamp manufacturer

planning will be beneficial in determining actual needs and requirements to achieve both short and long term goals.

NEW FACES AT SPECTRUM LIGHTING

Doug Hunt has joined the Spectrum Lighting team in the position of outside sales. Doug has had over 20 years of experience in the lighting industry and electrical distribution. He was most recently a member of the Lithonia agency based out of Las Vegas, NV and has relocated to the Milwaukee area with his wife and children. Doug brings a wealth of knowledge and experience to our team, we are looking forward to continuing our growth with Doug as part of the team.



Doug can be contacted at our Waukesha office:
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1-262-527-3684 cell
doug@spectrumltg.com

Dan can be contacted at our Waukesha office:
1-262-970-0300 ext 106
1-262 366-2434 cell
danb@spectrumltg.com

Bob Binter has joined Spectrum Lighting. Bob has over 24 years of experience in the lighting industry, with the last 14 years calling on architects, engineers and lighting designers throughout Wisconsin. Bob's experience includes working for a lighting manufacturer, a large lighting rep and most recently headed up his own rep agency, Specialty Lighting Sales of Wisconsin.



Bob can be reached at our Waukesha office:
1-262-970-300 Ext 202
1-414-313-6240 cell
bob@spectrumltg.com



Dan Brovarney has joined Spectrum Lighting. Dan brings almost thirty years of theatrical lighting, dimming, consulting and production expertise and

experience to our team. Dan will be available to help our customers bridge the gap between theatrical/performance needs and installation/construction realities. With over three hundred installations to his credit Dan understands the budget realities and owner politics involved in constructing or renovating performance venues. With venues ranging from churches to board rooms and classrooms to casinos Dan's participation in

Please add Dan, Doug and Bob to your contact list and feel free to contact them at any time.

Spectrum Lighting continues our commitment to providing the best sales team and sales support in the State of Wisconsin.

Quote:

"The hardest thing to understand in the world is the income tax."

Albert Einstein