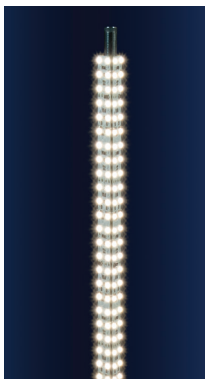
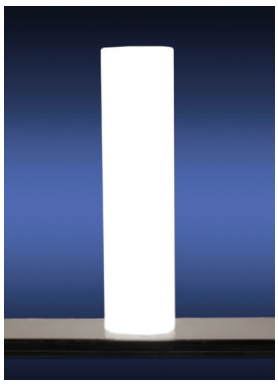
FlexRad®

FACETCORE™

360 Degree Radial LED

At MetroSpec, we design LED light sources to meet all of your light fixture requirements with FlexRad®. Our innovative FlexRad breakthrough technologies provide design freedom that is unmatched in the industry. FacetCore™ simplifies lighting to its essence, allowing the core of any cylindrical fixture to be filled with thousands of lumens of uniform light.

High Intensity - Uniform Radial Illumination

Uniform light and high lumen output can be major challenges in designing pendants and cylindrical LED light fixtures. Tubes, bulbs, and COB sources tend to fall short if thousands of lumens are needed, or the fixture must distribute light in a broad radial distribution. Expensive multi-board heat sink assemblies can be the answer - but are not very flexible in length and output. FacetCore provides high intensity and light uniformity - even in a longer fixture. This changes EVERYTHING for cylinders and multi-directional lighting!

Compact, Lightweight and Trimmable

MetroSpec has smashed all limits with its new FacetCore radial lighting technology. Less than an inch in diameter and producing up to 4,000 lumens per foot, FacetCore can fill any multisided or tubular fixture with incredible radial intensity and perfect uniformity. Acting as a rigid filament up to several feet long, FacetCore can be trimmed to the inch. FacetCore is a very light-weight, 360 degree light source that is ideal for vertical or horizontal fixtures.

Fully Dimmable and Controllable

FacetCore fits perfectly into a wide range of applications, and costs a fraction of any heat sink approach. FacetCore supports high and low intensity, and is available in any color temperature and CRI, *and* optionally comes in full color and color tunable configurations.

Simple, Secure Installation

Mounting FacetCore is as simple as sliding the assembly onto a tube or rod at the center of a fixture. Rigid and strong, it is spring loaded to hold firmly. FacetCore may be mounted only from one end, or pinned to a fitting.

APPLICATIONS	
Tubular Fixtures	Vertical / Horizontal
Multi-Directional	Architectural
Graphic Structures	Drums
Globes / Pendants	Sconces

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METROSPEC TECHNOLOGY®

Trusted Manufacturer of Patented FlexRad® High-Intensity LED Light Circuits

MetroSpec Technology® manufactures FlexRad® LED light sources exclusively for light fixture manufacturers needing the best efficiency, highest reliability, and most cost-effective solutions. For more than a decade, MetroSpec has been providing lighting OEMs with the finest LED technology and services to help them quickly and confidently pursue LED fixture sales.

Strong Personal Relationships

Partnerships are the center of MetroSpec's business. We collaborate with our customers, enabling them to win more projects and grow their businesses. Using our patented technology and industry expertise, we act as navigators to guide our customers through the challenges of LED light engine design.

Speed and Efficiency

Delivering customized LED light circuit technology quickly is one of our strongest attributes. We understand the urgency of orders and the need for quick delivery. It is our priority to rapidly fulfill custom orders to exact specifications by maintaining a complete inventory of critical components.

Customers Control Their Own Designs

Our customers have complete control over their designs every step of the way. Private label LED light sources are never discontinued or changed without permission, therefore eliminating costly redesigns and new testing. MetroSpec is a trusted supplier and not a competitor.

FlexRad®

Superior LED Light Circuit Technology

- High-Performing Flexible Circuits
- Reel and Trim Capability
- Superior Heat Dissipation
- Exceptional Performance at Low Cost

Strong and Stable Supplier

For more than a decade, MetroSpec has been specializing in quality LED solutions for light fixture manufacturers. Our well-established and patented FlexRad solid state lighting technology has proven to be extremely reliable in a wide range of applications. Millions of FlexRad circuits are installed worldwide and installations grow by miles every week.

Made in America

FlexRad is manufactured in Minnesota assuring direct communication and fast response. MetroSpec's lean, US-based manufacturing guarantees shorter lead times, highest quality, and lowest overall costs. With processes based on ISO and IPC standards, every FlexRad circuit is inspected and tested to ensure exceptional quality and near zero defects. Our customers are confident FlexRad is the best LED solution.

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Made in the U.S.A.
using highest quality LEDs.

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