



CASE STUDY Medical Design International

CLIENT
Medical Design International (MDI)
Norcross, Georgia

SCOPE
Replaced 55 standard T8 fixtures
covering 5,500 square feet

ENERGY SAVINGS
Up to 33%



MDI Selects RT5™ Volumetric Lighting for Small Office Setting



“RT5 fixtures offer a sleek design and ability to deliver the ideal amount of light.”

THE SITUATION:

MDI provides consulting, medical space planning and architectural services to healthcare professionals. MDI moved into a new office setting and looked to Lithonia Lighting to provide an industry-leading lighting solution.

THE SOLUTION:

“It was important that the lighting scheme meet two requirements—improve the aesthetics of the office and create visual harmony by providing an even distribution of light,” said John Preece, director of architecture and principal of MDI. “After an extensive search for the precise lighting application, the RT5™ fixture was selected because of its sleek design and ability to deliver the ideal amount of light to walls, cubicles, work surfaces and people.”

MDI opted for the RT5 fixtures over the standard 2 x 4, three-lamp T8 with acrylic lens that was part of the company’s building allowance. The partners decided the cost difference of the RT5 as opposed to the standard parabolic was well worth the benefits of having more aesthetically pleasing and better performing fixtures.



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Preece notes that while the building owner now owns the fixtures, MDI gets the energy-saving benefits of up to 33% over a standard parabolic. "Our office environment has a substantial amount of daylight and the RT5 fixtures are a great complement to natural light sources, while at the same time conserving energy by reducing energy consumption."

Because of the overwhelming success of RT5 volumetric lighting within MDI's office environment, they have begun implementing the product in their projects across the nation. "RT5 represents one of the only lighting products suited for both direct and indirect lighting," said Preece. "In the past, we've had to use parabolics in the office setting and acrylics in the clinical setting. Now, RT5 fixtures allow us to use the same fixture in both paradigms, providing a more consistent and visually pleasing lighting solution across the board."

THE PRODUCT:

RT5 fixtures uniformly illuminate the entire volume of space, eliminating harsh shadows, dark spot and the "cave effect" arising from the sharp cutoff of parabolic fixtures. Yet this lighting system uses up to 33% less energy than standard 18-cell, three-lamp T8 parabolic fixtures. RT5 is the ideal lighting solution for offices, schools, hospitals, retail and other workspaces.

About Lithonia Lighting

Lithonia Lighting, an Acuity Brands Company, is North America's largest manufacturer of lighting equipment for commercial, industrial, outdoor and residential applications.

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