

**Matthew O. Diggs III Laboratory for Life Science Research  
Dayton, Ohio**



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project	Matthew O. Diggs III Laboratory for Life Science Research
client	Wright State University
architect	BHDP Architecture
general contractor	Smoot Construction
electrical planning	Heapy Engineering

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Modifications are possible due to the constant development and improvement of LED technology.

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## **Matthew O. Diggs III Laboratory for Life Science Research Dayton, Ohio**

The Mathew O. Diggs III Laboratory for Life Science Research was funded in part by a gift from Matthew Diggs Jr., a former university trustee, with a deep interest in life sciences research, and his wife, Nancy. The building was named in memory of their son. Opened November 8, 2007, the highly energy-efficient building was officially rated LEED NC-Gold by the U.S. Green Building Council in 2008. This prestigious award places Wright State University at the forefront of green building design, since Diggs Laboratory is the first laboratory in Ohio to receive the LEED-NC Gold status.

Research laboratories typically consume four times more energy than a normal classroom building. Therefore, Wright State University decided to use LEED (Leadership in Energy and Environmental Design) as a guide in constructing the 45,000 square foot science building using energy-efficient practices. In addition to energy reduction the building will conserve water, create a sustainable indoor environment, improve occupant comfort, and above all teach students and visitors about environmental stewardship. The Diggs Laboratory provides much needed laboratory space for the life science research initiative within the College of Science and Mathematics and the College of Medicine at Wright State University.

This state-of-the-art facility incorporates the Selux Triangular Column to enlighten its entryways. Selux is proud to be a part of this LEED-Gold certified facility.



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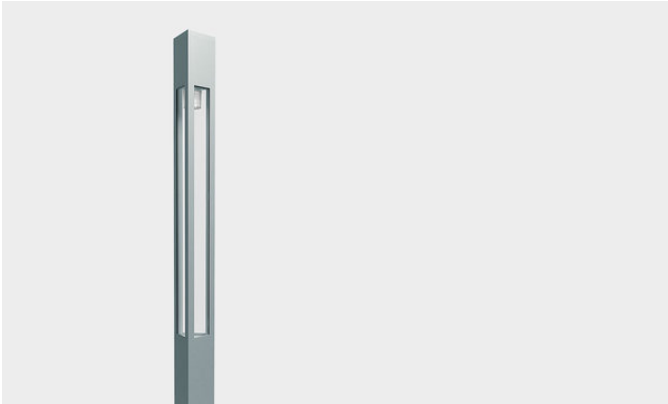
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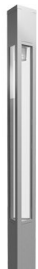
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Triangular Column - Refractor optic  
within triangular housing



A triangular shape along with five different refractor optic options give the Selux Triangular Column a unique appearance. When sharp-edged architecture needs lighting with a cohesive look, this fixture delivers.

## Triangular Column



Construction	Die cast and extruded low copper aluminum construction · Clear tempered glass panels · Totally sealed optic chamber
Optic	High-pressure die cast aluminum Type V Silver or White louver · Type III or V MTR Refractor · 5 shielding options for unparalleled visual appearance and performance
Light Source	Metal Halide or High-Pressure Sodium 39-100W
Light Distribution	Type III · Type V
Dimensions	10 3/4" across · 12' high
Finish	Tiger Drylac certified polyester powder coat finish
Options	House Shield (180°) · Electronic Ballast · GFCI · 347V
Certificates	NRTL Wet Location · ASTM and PCI for finish
[en:]	Exterior
[en:]	Triangular

