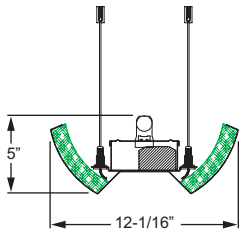
Case Study:

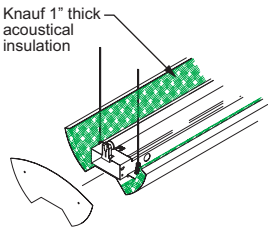
Exploration Place – Wichita, Kansas

H.E. Williams, Inc.'s Experience and Creative Design Generates Dynamic Lighting for Interactive Museum

Job Specific Information:

- 7,000 feet indirect acoustical lighting
- Mounting Height: 10' - 37' above floor
- Spacing: 5' centers
- Footcandle Level: 30 footcandles (average maintained)





Architect **Moshe Safdie** drew upon 35 years of experience to create an open and spacious 98,500 square foot complex to promote science, technology and exploration to the general public.

"The design resulted in a unique set of criteria for a lighting system to illuminate the interactive museum," explained **Philip Voegeli, Principal – Stefan/Voegeli Electrical Engineers.** "We needed a fixture that could follow the contours of the complex, accommodate track lighting for the exhibits and incorporate acoustical material to assist in noise reduction in the buildings."

Drawing on Williams' 60 years of lighting system design and production expertise, Stefan/Voegeli collaborated with **Warfel Schrager Architectural Lighting, LLC** and H.E. Williams, Inc. to create a lighting solution that complemented the architect's vision. "The contractor built a mockup of a section of the building," Voegeli said. "We mounted an eight foot Williams prototype fixture in the space and refined it until we had the final design we wanted."

Voegeli ultimately used 7,000 linear feet of Williams lighting in the museum. Mounted from 10' to 37' above the floor on 5' centers, the T8 fluorescent lamp/electronic ballast system provides 30 footcandles (maintained).

"The success of this project is a real tribute to Williams," Voegeli noted. "They worked closely with the team to develop, manufacture, and deliver the indirect acoustical lighting on time and within budget. It was an outstanding effort between our organizations."

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