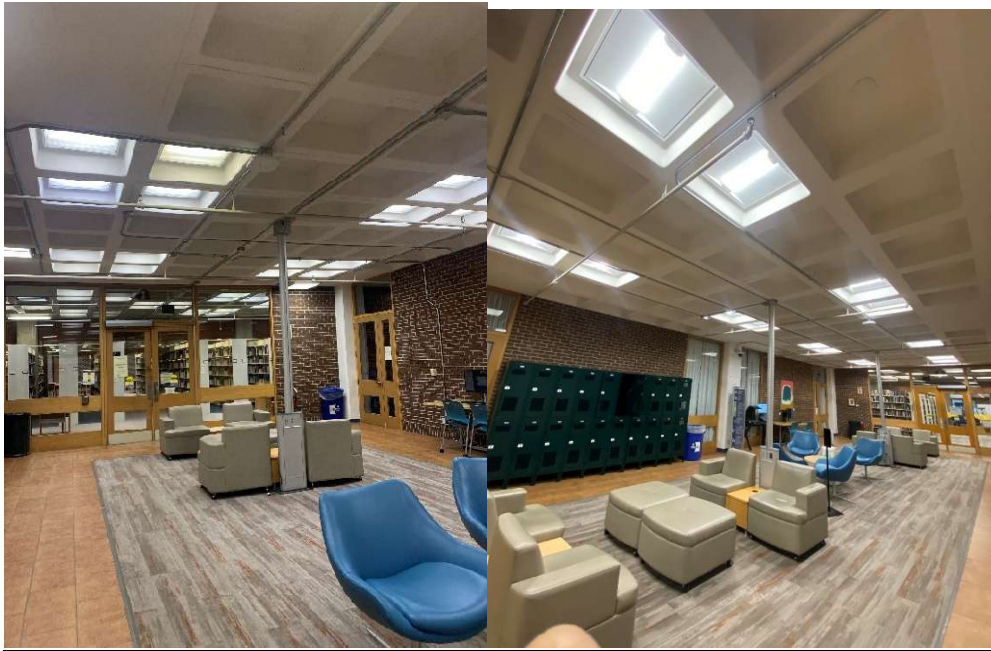



## Homer D. Babbidge Library 2<sup>nd</sup> Floor LED Lighting Upgrade 2024

UConn’s Facilities Operations department completed a project installing new LED lighting on the second floor of the Homer D. Babbidge Library at Storrs in 2024. The new lighting provides significant enhancements towards our goal of becoming a Carbon Neutral Campus by 2030. This project was funded by our Renewable Energy Credits fund coupled with our close partnership with Eversource Energy. The lighting upgrade work consisted of adding occupancy sensors to the open areas allowing the lights to automatically turn on when motion or noise is detected and turn off when the area is vacant. This project was able to reduce the existing number of fixtures in the stack areas by half, lessening energy demand and associated maintenance.



Images of the Babbidge lobby before (photo 1) and after (photo 2) LED replacement.

Babbidge 2 <sup>nd</sup> Floor LED Lighting Project Summary		
	Total Project Cost (Before Incentives)	\$179,980
	Project Annual Energy Savings	288,991 kWh
	Annual Utility Cost Savings	\$28,899
	Eversource Utility Incentives	\$73,768
	Estimated Simple Payback	3.68 Years
	<b>Greenhouse Gas Reduction</b>	<b>171 MTeCO<sub>2</sub> ✓</b>
<b>171 metric tons GHG Reduction</b>		