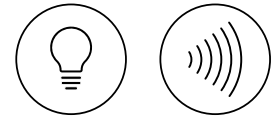


LUXXBOX + LEED



To earn LEED certification points for interior lighting, implement three of these four strategies to enhance productivity, comfort, and well-being through quality lighting. The strategies include:

	STRATEGIES	FEATURE
LEED 4.1	ACOUSTIC PERFORMANCE	LEED v4.1 places greater emphasis on acoustics in building design. Credits are available for reducing background noise, sound transmission, and reverberation times in spaces like schools, healthcare facilities, hospitality venues, and more. For example, schools must limit HVAC background noise, while multifamily residential projects can also earn points for acoustic improvements.
	LIGHTING CONTROL	Ensure that 90% of occupant spaces are equipped with dimmable or multi-level lighting systems. This allows users to adjust lighting levels based on varying conditions, such as bright sunlight or overcast skies.
	SURFACE REFLECTIVITY	For at least 90% of regularly used spaces, apply interior finishes that meet or exceed these reflectance levels: <ul style="list-style-type: none"> • 80% for ceilings • 55% for walls. <p>For furniture included in the project, work surfaces should have a reflectance of at least 45% movable partitions should meet a 50% reflectance threshold.</p>
	GLARE MANAGEMENT	In all frequently occupied areas, comply with one of these requirements: <ul style="list-style-type: none"> • Install lighting fixtures with a luminance level below 7,000 candela per square meter (cd/m^2) between angles of 45 and 90 degrees from nadir. • Use software modeling to achieve a Unified Glare Rating (UGR) of less than 19 for the planned lighting design.
	COLOR RENDERING	For regularly used spaces, meet one of the following criteria: <ul style="list-style-type: none"> • Utilize light sources with a Color Rendering Index (CRI) of 90 or higher. • Use lighting with a Color Fidelity Index of at least 78 and a gamut index between 97 and 110, as defined by IES TM-30 standards. <p>CRI measures how well a light source renders colors compared to natural daylight. This feature is critical in fields requiring precise color perception, such as healthcare, where accurate assessment of skin tone is vital for diagnosis.</p>



FOR MORE INFORMATION, PLEASE REFER TO U.S. GREEN BUILDING COUNCIL'S LEED LIGHTING STANDARDS AT WWW.USGBC.ORG/

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