

26 5100 - Interior Lighting**A. General**

1. Color Corrected Temperature (CCT) shall be 4100° Kelvin (± 100).
2. Color Rendering Index (CRI) shall be 80 or higher.
3. Lighting designs shall meet or exceed the current editions of the Illuminating Engineering Society (IES) Recommend Practices, Design Guides, and the Lighting Handbook.
4. In new construction and major remodel luminaire placement shall take precedence over all other mechanical, electrical, plumbing, sprinkler, network, audio/video, etc., placements for proper and adequate lighting of the space.
5. Any or all exceptions to this section shall be submitted for review.
6. For guidance on Lighting Controls see section 26 0923.
7. For guidance on Egress and Exit Lighting see section 26 5213.
8. Measurements of the spaces shall be performed for confirmation of design, average foot candle levels were achieved, and CCT/CRI of provided luminaires is accurate to the specification.
9. Warranty: One-year materials and labor from Date of Substantial Completion from contractor, and five years from Date of Substantial Completion for the luminaires plus associated components.

B. Style/Type Luminaires

1. Most lighting on campus is office space or classroom space. Typical luminaires currently utilized are the volumetric style. Any deviation from this will require review of the design and space utilization for approval.
2. All other space utilizations will vary widely as will the luminaires to light them properly and adequately. These will be reviewed as needed.

26 5100 - Interior Lighting**C. Incandescent Interior Lighting - 26 5113**

1. Use on a limited, case-by-case basis.
2. The typical use of an incandescent luminaire is for achieving aesthetics that are not available, or have limited features, in LED lit luminaires.
3. Lamp base shall be standard Edison screw base, E26. LED source lamps, dimming or non-dimming, shall be utilized.
4. Lamps and luminaire parts shall be common and readily available for future maintenance.

D. Fluorescent Interior Lighting - 26 5116

1. Existing fluorescent lighting luminaires shall be replaced with LED luminaires where practicable. Retrofits will not be acceptable. Exceptions to this are downlights with Edison bases where compact fluorescent lamps can be replaced with LED lamps to provide equivalent lumen output and distribution. General conditions listed above apply.

E. LED Interior Lighting - 26 5119

1. Light Emitting Diode (LED) light engines shall be used in all new construction luminaires.
2. Minimum life shall be 60,000 hours (as rated L70/60,000).
3. Dimmable luminaires shall utilize 0-10 volt dimming. Line voltage dimming may be utilized in some retrofit applications but on a limited basis.
4. Dimming to 1% is preferred. Dimming to 10% shall be limited to applications known not to need 1% lighting levels.

End of 26 5100 - Interior Lighting