



EDDY SANTOSA

DIRECTOR OF SUSTAINABILITY

ABOUT DBR

DBR provides an alternative to traditional MEP consulting firms by providing better opportunities for our people and as a result, better expertise for our clients.

We hold ourselves accountable to preserve non-renewable resources with our ability to design innovative solutions at the leading edge of building sciences.

CONTACT

Eddy Santosa
AIA, CBCP, LEED AP BD+C, BEMP
Director of Sustainability
Esantosa@dbrinc.com
713.914.0888



HOW TO DESIGN **LIGHTING** & **DAYLIGHT** IN TENANT IMPROVEMENT PROJECTS

DESCRIPTION

The design of lighting and daylight is critical in tenant improvement projects. Often, designers forget to assess lighting and daylighting during the early design stage and run into budget and other design issues later on in the project. This course will discuss the energy code requirements applicable to tenant improvement and interior design projects. The presentation will focus on lighting requirements and discuss the difference between ASHRAE 90.1 and the IECC requirements as well as energy code requirements that often apply to tenant improvement projects.

In addition to energy code requirements, the presentation will discuss basic considerations for lighting and daylight that should be factored into the design which affect occupants visual comfort. Factors such as the color rendering index, color temperature and glare issues in lighting design and daylight metrics will also be explained in the presentation.

LEARNING OBJECTIVES

- Understand the energy code requirement for tenant improvement projects
- Differentiate ASHRAE 90.1 vs IECC for lighting requirements
- Design and apply a better lighting design approach for tenant improvement projects
- Understand different daylight metrics and their impacts on interior design

LEARNING UNITS

1 LU | HSW

