



Lighting Design Group

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From concept design to construction completion, CD+M is involved in each step of the design process. We provide clients with detailed visuals, narratives and presentations to communicate ideas and illustrate our approach, ensuring that the final lighting design reaches the project's goals, meets the owner's needs and complements the space.

We regularly review and refine our work in-house to create a lighting plan that is best suited to each project's specific aesthetic, budget, maintenance requirements and environmental concerns. Our designs are created utilizing a team-oriented approach in which designers, associates, senior associates and principal/lead designers jointly develop concepts and produce design documentation. The preliminary work performed by designers and associate designers is reviewed, revised and polished by senior associates, then passed along to principal/lead designers for final review and confirmation. This collaborative approach ensures that several levels of reporting and review occur throughout the design and construction process.

During the design phase, the CD+M team analyzes the project's unique details and visualizes how to use light to enhance the architectural space. We develop drawings, 3D digital renderings, reference boards, conceptual narratives and preliminary fixture cut sheets to bring our designs to life and communicate them to our clients.

As design moves forward, CD+M provides a range of services to fit each client's specific needs. We supplement our initial design work with in-depth technical services including coordinating custom fixtures with the project's architectural details, executing photometric studies to ensure proper lighting levels, managing energy calculations, conducting power consumption studies, preparing control intent drawings and specifications, creating scale mock-ups and providing onsite lighting application testing.

During construction, CD+M works closely with major international lighting manufacturers to develop accurate estimates of initial equipment costs as well as long-term operational costs. Our experience in construction management and cost estimation enables us to provide our clients with a sophisticated, informed understanding of vendor pricing and equipment capabilities. We use our insight into industry trends and technological advancements to help our clients choose the best suited, most sustainable equipment to achieve their project's goals.

Proper implementation and equipment installation is vital to the success of a lighting design plan. Upon construction completion, CD+M is available to conduct on-site quality control services, aim light fixtures and oversee the programming of control systems. By managing a project from concept to post-construction, we ensure that our approved lighting concepts are well executed and fully realized within the architectural space.

CD+M Lighting Design Group utilizes state-of-the-art industry software including Autodesk Autocad Release 2017, AGI Version 2.1, Dialux, 3D Studio Max, Adobe Suite, Revit 2017 and Microsoft Office 365. We maintain a photographic reference library of more than 10,000 digital images and an electronic reference library of more than 1,000 manufacturers located in over 40 countries, worldwide.