



Lighting

Standard Scope of Lighting Services

Stage 1 - Schematic Design: -

- a. Receive a complete written brief from the Client/ Design team.
- b. Information relating to all surface finishes, fixtures, colours and particulars sensitivities is to be made available to the lighting consultant.
- c. A complete set of Architectural and Interior design layouts, sections elevations and renderings is to be issued to the Lighting Consultant.
- d. Preliminary lighting layouts are to be prepared on reflected ceiling and floors plans.
- e. Preliminary luminaire schedules are to be prepared to indicating type and specification of luminaires in (d).
- f. Preliminary luminaire fixture cuts are to be prepared to indicate typical fittings.
- g. Sketch details are to be prepared where necessary to illustrate lighting proposals and indicate likely building work, which may be required.
- h. An indication of any control system requirements will be prepared.

Before proceeding to Stage 2 the Lighting Consultant will require approval of the proposed budget, by the client in writing.

Stage 2 - Design Development: -

- a. Completion of reflected ceiling and floor lighting layouts indicating type of fittings by reference code and dimensional offsets where necessary.
- b. Where lighting is to be built into a special detail then sections with necessary working dimensions for incorporation by the Architect/ Interior Designer in the final working details.
- c. Preparation of luminaire schedules, specifications and fixture cuts indicating quantities, alternatives and details of dimensions (cut outs, recess depths etc.), lamps and photometric characteristics.
- d. Preparation of control/ dimmer schedules with coordination of special lighting and control requirements. Control plate design, circuiting etc. sufficient information for control system manufacturers to proceed with their detailed design.
- e. Descriptions of general fitting installation requirements along with the control system parameters will be included for quality comparisons and commissioning requirements.

Stage 3 - Contract Documents and Review: -

Information prepared and issued at stage 2 is to be incorporated in the Tender package by the Electrical Consultant.

- a. The Lighting Consultant will review and comment on the tender documents.
- b. If required the lighting consultant will suggest a list of lighting equipment suppliers/ tenderers.
- c. We will assess Tenders, and make appropriate written the Lighting Consultant must make recommendations at this stage working examples of all alternatives offered available for inspection.





Stage 4 - Implementation and Commissioning: -

Day to day supervision is the role of the electrical consultant.

- a. On completion of the entire project the Lighting Consultant will inspect and prepare a list of any outstanding details, which must be attended to, for final focusing and commissioning to proceed.
- b. When Stage 4(a) has been completed the Lighting Consultant is to propose a commissioning schedule (for the clients approval). Focusing adjustable fittings and setting appropriate light levels and programming of control systems will be undertaken, as required on call basis. The electrical contractor is to be responsible for access and personnel to assist in the work.
- c. At the discretion of the client a review of the completed lighting installation may be made (on call basis) within 3 months after installation to review/ report on any outstanding defects or maintenance issues, and advise on any refocusing or programming necessary.

Note: Time at site is billable on a daily rate basis.

