

LIGHTING

ILLUMINATION IN ARCHITECTURE

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DANIEL LIBESKIND

Why the most important building material is light

OLAFUR ELIASSON

The light artist who likes to make people feel unsettled

ACHILLE CASTIGLIONI

Wit, form and function create timeless luminaires



HISTORY OF LIGHT IN 20 OBJECTS | BODLEIAN LIBRARY REIMAGINED | TOP 10 LIGHTING TECHNIQUES

REFLECTED TOPOGRAPHY, BANGALORE COLLABORATIVE ARCHITECTURE

How should a designer respond to a complex brief to design a multi-functional office lobby with a relaxing zone, waiting zone, transition zone, and also a place for private meetings?

At the BGRT office building in Bangalore, lighting by Collaborative Architecture plays a lead role in establishing the overall architectural identity, and the lighting design and architectural space merge into a unified whole.

The lobby is dominated by a central column that supports the waffle slab system that spans the 32 x 32m space at a height of 9m. The architectural lighting stems from this anchoring column, which is clad with Corian panels with special details for maintenance access.

The custom-designed seating cluster creates an undulating topography of contoured volume at eye level, complementing the undulating pattern on the ceiling. The pattern of the waffle slab system was a springboard for the design of the customised lighting. Recessed lighting along the bottom of the sofa clusters adds a floating effect.

LED light sources have been used throughout the project: LED tubes, LED panels and 5W LED spots. A building management system controls the lighting through Dali ballasts. Glazing on two sides allows ample daylight to enter the lobby.

The initial concept, below, was realised by mounting custom luminaires onto the waffle slot ceiling

