Lighting patterns are defined by shadows, not the light, and controlling the shadows in any space helps to create the aesthetics of that space.

Clarté optics create a feathered beam edge, along with a radiant field of light, that overlays onto the beam field. The soft feathered beam edge, combined with both a beam and radiant beam field together, allows for shadows to be created and controlled visually like a halogen lamp.

Highlights are usually defined at the brightest areas of the space bringing visual focus to key architectural details of a design.

Clarté Lighting’s LED TIR optics are made to maximize center beam candle power creating the most dramatic highlights, versus COB LED optics, which lack center beam candle power intensity.

Clarté Lighting - Center Beam Candlepower (CBCP)

Blending highlights and shadows together into any space creates theatrical depth to the design details of the space, while bringing color and texture to life.

A strong mental visual comparison of COB LED vs. TIR LED lighting would be like comparing analog TV to 4K HDTV viewing in color and detail.

Clarté Lighting’s LED fixtures have been designed to match the color, distribution and the aesthetic visual effect created from a halogen lamped fixture.