

Double Slot Optics™

Light Sculpting LED Technology

Exclusive to ALW's Hyllytr™ family of grazing and showcasing luminaires

Double Slot Optics is a proprietary new technology conceived and perfected by ALW's product development and engineering teams.

Precision Beam Control with No Lens and No Glare

Double Slot Optics technology was inspired by quantum mechanics and the acclaimed double-slit experiments which proved light can behave as a wave (as is common to traditional lighting optics) or as a series of particles.

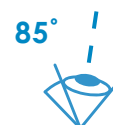
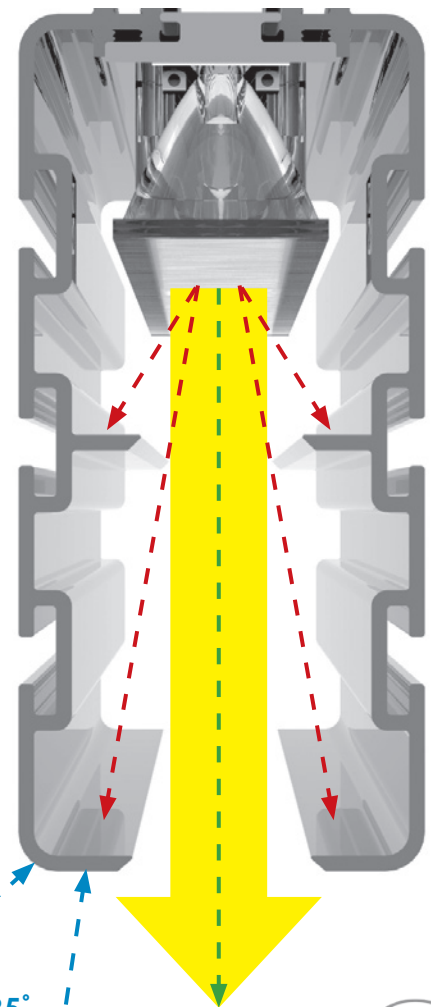
ALW has built off that fountainhead research to create a groundbreaking new LED optics platform that emits sharp, finely focused and long-traveling particle-based light emissions.

- Precision beam control cleans up remnant light to emit sharp-edged illumination
- Two sets of slot edges within the optics chamber clip secondary beam light transmissions preventing vignetting
- Light output can reach distances of up to 60' depending on lamping choice
- Light distribution is extremely narrow in the downward vertical plane, yet uncommonly wide across the horizontal, linear plane.
- Produces glare-free illumination at all critical glare angles
- Optics chamber doubles as lens-free fixture housing

Secondary beam spill is clipped by two sets of slot edges within the optics chamber.

A clean, sharp primary beam of light is then emitted through a narrow, lensless opening.

The deep recession of the LEDs in the optics chamber provides glare-free illumination at critical glare angles.



alwusa.com/hyllytr