Virtual**Source**®

QUIET, UNOBTRUSIVE DOWNLIGHTING BY DESIGN
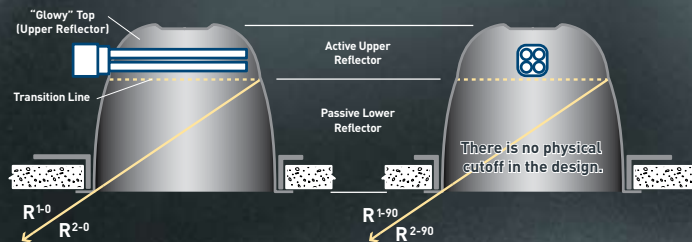
VIRTUALSOURCE® FOR LUMINAIRE EFFICIENCY

Superior brightness and glare control have always been features with Architektūr's successful VirtualSource offering.

VirtualSource reflectors exhibit unique lamp image flow, which is the result of the first studied application of ergonomic design in downlighting. The passive lower reflector always fills logically and smoothly with light at a rate constant to the viewer's movement.

"THE INTRODUCTION OF VIRTUALSOURCE OPTICS HAS FUNDAMENTALLY CHANGED THE WAY COMPACT FLUORESCENT OPTICAL PERFORMANCE IS MEASURED AND OBSERVED."
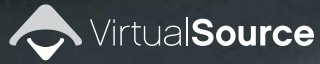
- PRESCOLITE OPTICAL DESIGNER

PRESCOLITE VIRTUALSOURCE OPTICAL DESIGN

"Glowy" Top (Upper Reflector)

Active Upper Reflector

Transition Line

Passive Lower Reflector

There is no physical cutoff in the design.

R^{1-0}

R^{2-0}

R^{1-90}

R^{2-90}

Benefits of VirtualSource include:

- Usable luminaire efficiency
- Elimination of direct glare
- Absence of indirect glare
- Consistency of appearance between all fixtures

Virtual**Source**

Prescolite's patented **VirtualSource** optical technology is a signature feature of Prescolite's horizontally and vertically lamped Architektūr downlights. VirtualSource provides equal cut-off to lamp and lamp image at a nominal 45º viewing angle in all lateral planes.

VirtuWall**Source**

VirtuWallSource™ ensures uniform light distribution by effectively positioning the upper reflector relative to the lower wall side reflector. This produces uniform output throughout the transition from upper to lower wall wash components.

COMPARE TO COMPETITORS

Prescolite

Competitor Y

Competitor X

Competitor Z

Virtual**Source**55

VirtualSource55 features a well-defined and abrupt 55º cutoff to offer more light than the original VirtualSource. This provides the opportunity to illuminate more space with fewer fixtures, while maintaining high visual comfort. Additionally, VirtualSource55 fixtures use less energy, consume fewer watts and limit power density to meet strict ASHRAE guidelines and other requirements that limit the allowable watts per square foot in a space or building.

prescolite
ABOVE AND BEYOND

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