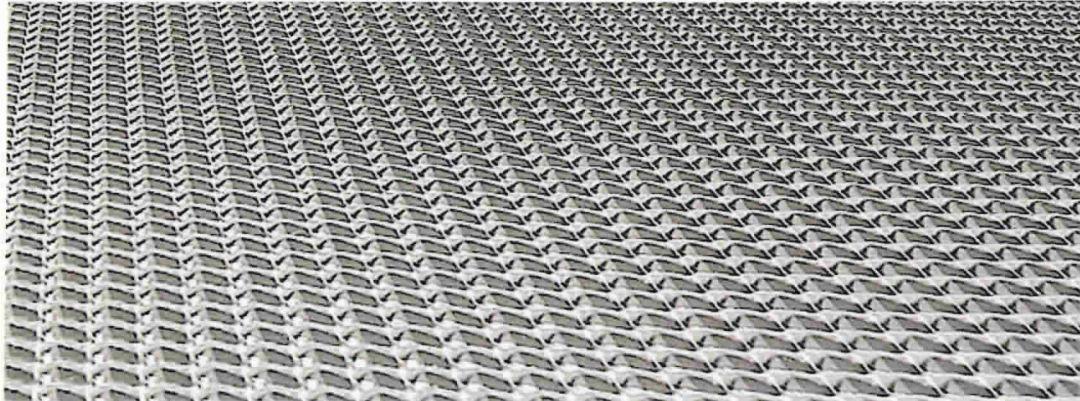


TECHNICAL DATA SHEET

Y19 (Prismatic Lighting Diffuser Panel)



A premium diffuser for quality lighting applications.

Application

- Supermarkets
- Computer rooms
- Laboratories
- Schools and colleges
- Test and inspection areas
- Hospitals
- Radio frequency sensitive areas
- General offices

Description

Y19 is the premier prismatic pattern. With a 4.7mm male prism running parallel and perpendicular to the length and width of the panel, Y19 provides good lamp cut-off to minimize lamp images and provide very low brightness at angles close to the horizontal.

Y19 Silver-Tint has a faint translucent tint that creates an elegant lighting effect. Y19 Silver-Tint produces lower brightness enclosure with improved visual comfort.

Y19's high degree of luminance control make it best suited for interiors involving more arduous visual tasks.

Quality

Acrylic material used in Y19 meets or exceeds recognised standards.

Under normal interior conditions these lenses will perform satisfactorily for 20 years.

Y19 is manufactured from 100% Acrylic (Polymethylmethacrylate). Flammability Rating-UL94 HB.

Performance

(Based on photometric tests)

- Light output ratio of 66%
- Typical unified glare rating of 17

Y19 is available in the following variations: Y19 Silver Tint, Y19 U.V. Absorbing, Y19 Radio Frequency Reducing.

Dimensions

Prism Depth 2mm

Thickness 4mm and 3.6mm

Prism size 4.7mm x 4.7mm

Prism config. Male square to sheet

Prism depth 2mm

Max width 1270mm

Max length 2540mm

Standard Sizes (nominal)

2450mm x 1270mm

1270mm x 1270mm

Cut to size upon request.

Please Note:The above Technical Data Sheet is a general guide to the physical properties of the material. This information is given without Warranty or Liability. It is the customers responsibility to determine if this product is suitable for the application.