



**Optic
Clear
Solutions**

**KleArmor™
Class B Type II
NVIS Neutral 1015
Acrylic Filter**

Catalog Listing
91578GU-LLWWXXX-
YNVn1k-Cx-M

Drawn by: RPH

Revision: A **Date:** 30AUG21

Scale: None

Tolerances: See Figure

Approval: Sam Truong

Optic Clear Solutions LLC, California

Notes: Unless Otherwise Specified.

1. Material: UV stabilized, colored, polymethylmethacrylate sheet per ASTM-D4802, Category 1A, preshrunk and annealed per MIL-P-5425. Molecular Cross Linked 2%.
2. Standard Finish: When specified, material is finished with specular or non-specular surfaces.
3. Optional Finish: A/R or hard coating available for improved glare management and surface durability.
4. Available cross section: .020 inches (Touch Screen compatible) to 0.5 inches.
5. Available sheet sizes: Up to 24 inches by 36 inches.
6. Sheets are provided with protective masking.
7. Optical Specifications:

Index of Refraction: 1.48 – 1.50

Average Photopic Transmittance: 35% @ 2854K

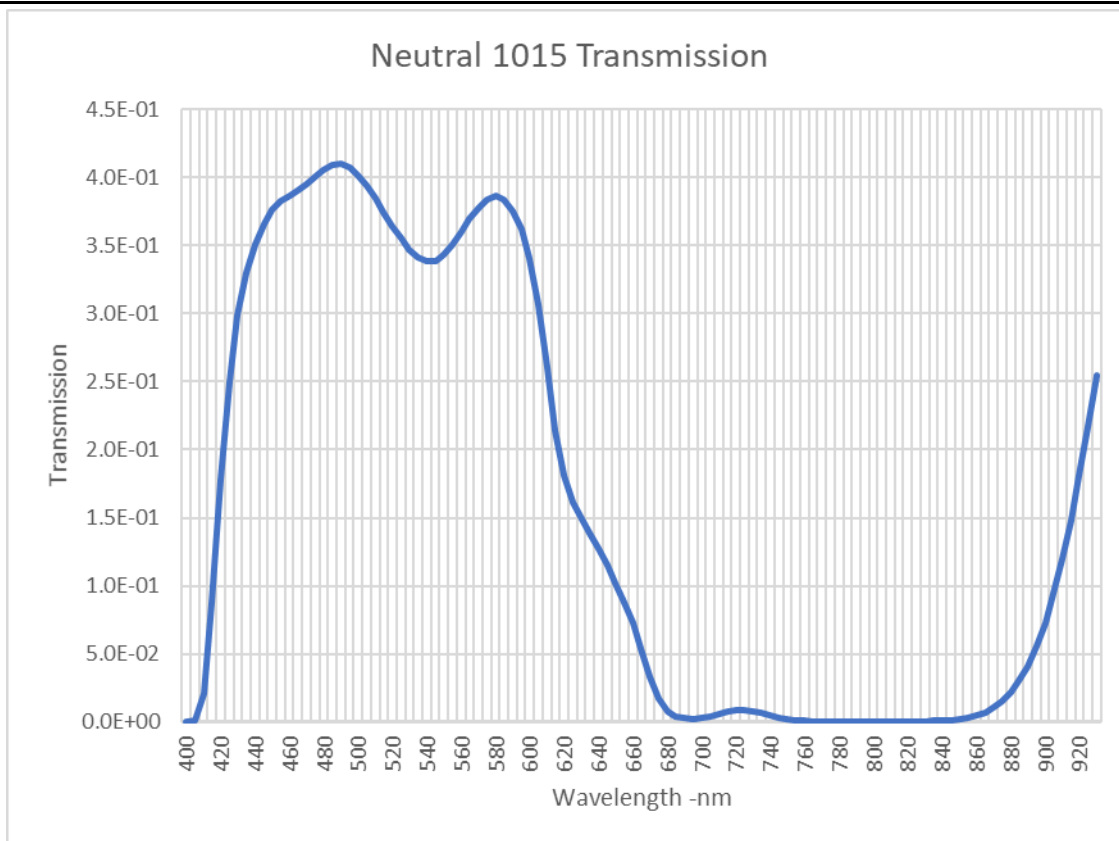
UV Transmission: 200nm – 400nm 5% max

Haze: 3 % max

Specular surface, scratch and dig: 60 – 40 max

Non-specular gloss when specified: 85 +/- 10 GU

Inclusions: 0%



8. Applications:

Map lights

Floor Lighting

Overhead Lighting

Chromatic Displays

9. Light Source Compatibility:

Fluorescent

LED