



**Optic
Clear
Solutions**

**KleArmor™
Aviation Red
Transparent Acrylic
Filter**

**Catalog Listing
91578GU-LLWWXXX-
YAr-Cx-A**

Drawn by: RPH

Revision: A **Date:** 30AUG21

Scale: None

Tolerances: See Figure

Approval: Sam Truong

Sheet 1 of 1

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 to 1.0 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
 - Photopic Transmittance: 23% @ 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%