



Optic
Clear
Solutions

Aviation Grade Optical Filter Application Sheet

Catalog Listing
XXXX-XXXX

Drawn by: RPH

Revision: A **Date:** 31AUG2021

Scale: None

Tolerances: See Figure

Approval:

Sheet 1 of 1

Optic Clear Solutions LLC

Notes: Unless Otherwise Specified.

1. Aviation Grade Filter output chromaticity is compatible with MIL-C-25050 and are designed to be used with incandescent or White LED light sources for applications regarding crew station daylight readability of displays/controls and maintains excellent color saturation at low level brightness levels.
 - a. Aviation Red Chromaticity:
 - i. Where: y is not greater than 0.335 and z is not greater than 0.002.
 - b. Aviation Yellow Chromaticity:
 - i. Where: y is not greater than 0.425 and not less than 0.370 and where z is not greater than 0.007.
 - c. Aviation Green Chromaticity:
 - i. Where: x is not greater than 0.440 - .320 y or greater than $y - 0.170$ and y is not less than 0.390 - 0.170 x .
 - d. Aviation White (Lunar White) Chromaticity:
 - i. Where: x is not less than 0.350 or greater than 0.540 and $y - y_0$ is not greater than 0.01.