



NVIS INDICATORS

PRODUCT INFORMATION

Ref. MIL-STD 3009 & MS85762

CHARACTERISTICS

- Machined Glass Filters
- Sturdy Aluminum Housing
- Custom Dimensions Available
- LED and Incandescent Illumination
- Polished Filters & Unpolished Filters
- NVIS Radiance per MIL-STD 3009 & RTCA/DO-275

Pynco offers a variety of indicators including Press-to-Test, LED indicators in assorted housings, LED semiconductor devices, and NVIS incandescent indicators. In addition to manufacturing filters for new equipment, we offer conversion services to change OEM non-NVIS hardware to NVIS compatible. We offer our own designs or manufacture to customer specifications. Each filter is made from machined glass, not molded, and is therefore very consistent dimensionally. These products are manufactured using the highest quality materials, giving them the ability to achieve maximum performance under intense conditions. Various colors of filters can be produced to meet the specific voltage, size, luminance and chromaticity requirements.

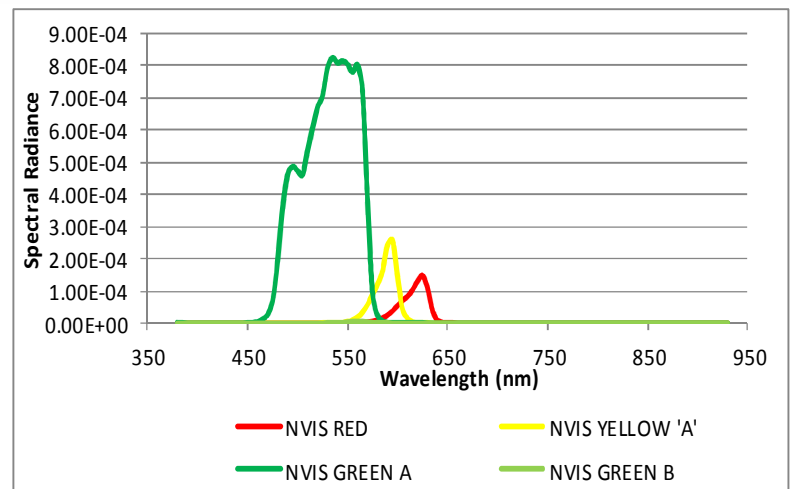


NVIS & AVIATION COLORS

- NVIS Green A
- NVIS Green B
- NVIS Yellow Class A
- NVIS Red
- NVIS White

Additional Color Variations may be created upon request

OPTICAL SPECIFICATIONS



Custom NVIS Filters by



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Product Number	Color	u'	v'	NR Value	Current (mA) or Voltage (V)	Overall Diameter (O.D.) (inches)	Overall Length (O.A.L.) (inches)
1444-99	NVIS RED	0.4597	0.5310	4.156E-06	20mA	∅ 0.2575	0.290 / 0.295
1443-99	NVIS YELLOW CLASS A	0.3091	0.5534	8.894E-08	20mA	∅ 0.2575	0.290 / 0.295
7745-105	NVIS GREEN A	0.0902	0.5678	3.682E-11	20mA	∅ 0.175 / 0.180	0.320
7945-105	NVIS YELLOW CLASS A	0.2829	0.5573	8.764E-08	20mA	∅ 0.175 / 0.180	0.320
01-7-4-1	NVIS GREEN B	0.1611	0.5751	5.598E-11	5V	∅ 0.250	0.545 Max
01-7-5-1	NVIS YELLOW CLASS A	0.3091	0.5534	8.726E-08	5V	∅ 0.250	0.538 / 0.545
01-7-7-1	NVIS RED	0.4523	0.5321	1.263E-07	5V	∅ 0.250	0.538 / 0.545
8238 Press-To-Test	NVIS GREEN B	0.1197	0.5702	1.080E-10	28V	∅ 0.6275	0.786
8239 Press-To-Test	NVIS YELLOW CLASS B	0.2164	0.5650	7.653E-08	28V	∅ 0.7565	0.446

