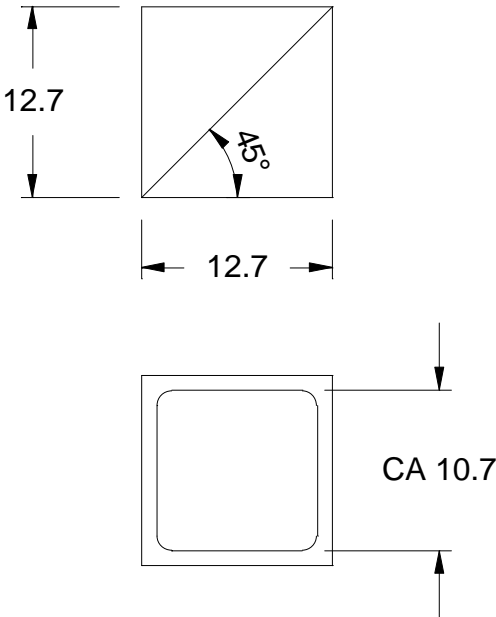


REVISIONS			
REV	REVISED PER	Date	Approved
A	first release	2006/Oct/04	JHH
B	CN 1264	Nov 22, 2006	JHH



Notes

- Interferometer quality beam splitter cube
- Beam splitter coating is 50% +/- 1% for both s and p polarizations at 633nm
- Clear Aperture nominal 10.7mm x 10.7mm
- 4 input/ output surfaces AR coated at 633nm, normal incidence
- Optical surface flatness < 633nm / 10 over CA
- 45°, 90° and parallel optical surfaces accurate to < 1 arc minute
- Cube is cemented using UV cure epoxy.
- End faces fine ground

1/2" Non-Polarizing HeNe Beam Splitter	
LightMachinery OP-2780-1	
dimensions mm	material: Fused Silica 7980OA
Tolerances (unless otherwise noted) X ±0.5 A ±1° X.X ±0.1 A.A ±0.1° X.XX ±0.025	
Scale 2:1 Third angle projection	
Drawing Template QT-730-002-E This design and print is the property of LightMachinery, Inc., and shall not be used as the basis for the manufacture or sale of apparatus without the written permission of LightMachinery, Inc.	