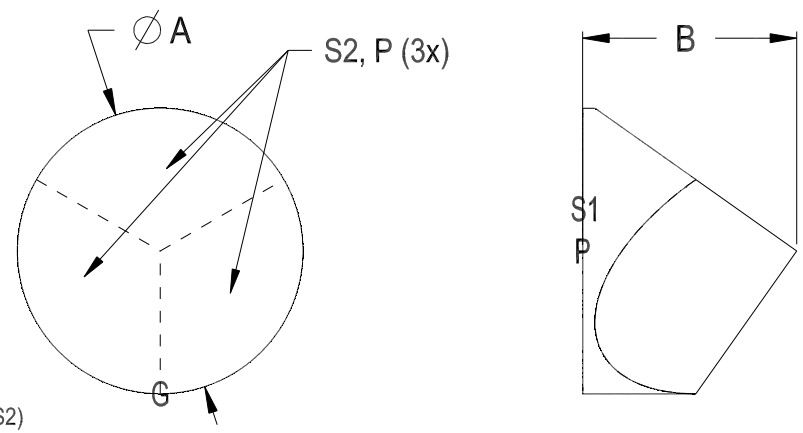


REV	DESCRIPTION	DATE	APPR
-	INITIAL RELEASE	11/09/15	NL/PD/JG

- NOTES:**
- 1) DIMENSIONS: -A- & -B- ± 0.125mm SEE TABLE 1**
 - 2) MATERIAL: N-BK7, GRADE A, PRECISION ANNEALED**
 - 3) BEAM DEVIATION: SEE TABLE 2**
 - 4) CLEAR APERTURE: 85% DIAMETER**
 - 5) SURFACE FLATNESS: LAMBDA / 8 @ 632.8nm**
 - 6) SURFACE QUALITY: 60-40 PER MIL-PRF-13830**
 - 7) SURFACES MARKED "P" POLISHED
SURFACE MARKED "G" FINE GROUND**
 - 8) PROTECTIVE CHAMFERS: AS REQ'D (0.50mm MAX @ 45°)**
 - 9) COATING:**
 - (S1) SEE TABLE 3
 - (S2) SEE TABLE 4 (PAINT IS BLACK EPOXY)
 - 10) CUSTOM CORNER CUBE SIZES, ACCURACIES AND COATINGS AVAILABLE UPON REQUEST**



ORDERING EXAMPLES:
 17330-3.0-633-Ag/Cu/PAINT (12.7mm RETRO W- 3.0" DEV, AR @ 633nm on S1, Ag/Cu/PAINT on S2)
 17399-C-UC-Al/SiO (CUSTOM DIMENSION, W- CUSTOM DEV, NO AR on S1, Al/SiO on S2)

TABLE 1

PART No.	DIM -A- (mm)	DIM -B- (mm)
17300	3.0	2.5
17310	6.0	4.7
17320	9.0	6.8
17330	12.7	9.5
17340	15.0	11.3
17350	20.0	15.0
17360	22.0	16.5
17370	25.4	19.0
17380	38.1	28.6
17390	50.8	38.1
17395	63.5	47.6
17399	CUSTOM (C)	~75% OF A

TABLE 2

DEV. (arc sec)
2.0"
3.0"
5.0"
10.0"
CUSTOM (C)

TABLE 3

AR COATING (S1)
550nm
633nm
750nm
900nm
1064nm
1550nm
CUSTOM (C)
UNCOATED (UC)

TABLE 4

REF. COATING (S2)
Al/SiO
Al/SiO/PAINT
Ag/Cu
Ag/Cu/PAINT
Au/INCONEL
CUSTOM (C)
UNCOATED (UC)

PRECISION OPTICAL

320 KALMUS DRIVE, COSTA MESA, CA. 92626 (949) 631-6800

TITLE CORNER CUBE RETROREFLECTOR			
SIZE A	CODE IDENT NO.	DWG NO. 17300 SERIES	REV. -
SCALE	RELEASE DATE	SHEET	1 OF 1

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 TOLERANCES:
 2 PLACE DECIMALS: ± .010
 3 PLACE DECIMALS: ± .005
 ANGLES: ± 0° 3'

DRAWN N. LAMBERT	DATE 11/02/15
CHECK	
DESIGN ACTIVITY 17300	
CUSTOMER CATALOG	

MATERIAL N-BK7
USED ON SOLID GLASS RETROREFLECTORS

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17300 SERIES