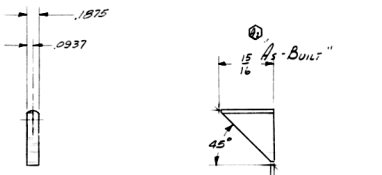
BILL OF MATERIAL

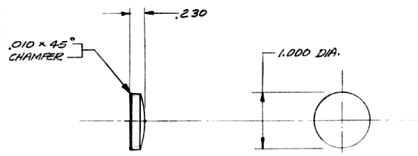
ITEM	DWG. NO.	QTY.	MATERIAL	DESCRIPTION	WEIGHT
D11-1		1	FUSED QUARTZ	1 X 1 X .1875	
D11-2		1	FUSED QUARTZ	1.000 DIA. X .230	
D11-3		1	FUSED QUARTZ	1.000 DIA. X .230	
D11-4		3	FUSED QUARTZ	1 X 1 X 1	
D11-5		1	RED GLASS	.625 DIA. X .126	
D11-6		1	FUSED QUARTZ	1.25 DIA. X .125	

NOTES: SIZES OF MATERIAL LISTED DO NOT INCLUDE STOCK ALLOWANCE FOR MACHINING AND CUTTING OFF EXCEPT AS NOTED. THE SIZE SPECIFIED THE MATERIAL REQUIRED FOR ONE PIECE ONLY. QUANTITIES NOTED ARE THE TOTAL NUMBER REQUIRED.



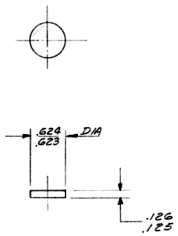
10 MM Focal Length

D11-1 CYLINDER LENS
MATL.- FUSED QUARTZ
1 REQ'D. FOR D37-1

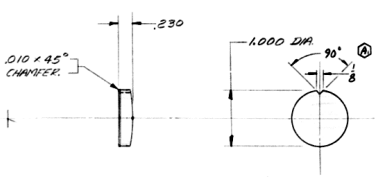


89 MM Focal Length

D11-3 SPHERICAL LENS
MATL.- FUSED QUARTZ
1 REQ'D. FOR D37-1

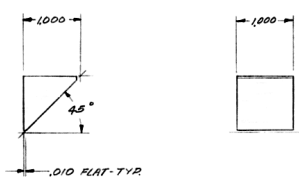


D11-5 SIGHT GLASS
MATL.- RED GLASS
1 REQ'D FOR E5-1



163 MM Focal Length

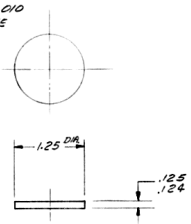
D11-2 CYLINDER LENS
MATL.- FUSED QUARTZ
1 REQ'D. FOR D37-1



D11-4 RIGHT ANGLE PRISM
MATL.- FUSED QUARTZ

(1-REQ'D ON E-5-1
2-REQ'D ON D-37-1)

NOTE - BREAK EDGES .010
AURA WILL MAKE



D11-6 WINDOW
MATL.- FUSED QUARTZ
1 REQ'D. FOR E5-1

REF. FILE 2020

For Ass'y See 2028.01-D37 & E5

TOLERANCES UNLESS OTHERWISE NOTED	QUANT.	PRINT RECORD	DATE				
FRACTIONAL FABRICATION UP TO 10" ± 1/16" 10" TO 20" ± 1/8" 60" & OVER ± 1/25 MACHINING UP TO 18" ± .015 18" TO 60" ± .030 60" & OVER ± .060							
DECIMAL .00 ± .010 .000 ± .005	ANGLES ± 0°-15'						
UNLESS OTHERWISE NOTED SURFACES MARKED ✓ TO HAVE 125 FINISH				A2	7/16 As-Built Was 1.000	BY	8/17/67
				A1	ADDED NOTCH	BY	8/17/67
				NO.	REVISION	DATE	BY

KITT PEAK NATIONAL OBSERVATORY
OPERATED BY THE ASSOCIATION OF UNIVERSITIES FOR RESEARCH IN ASTRONOMY, INC. UNDER CONTRACT WITH NATIONAL SCIENCE FOUNDATION

84" TELESCOPE - CASSEGRAIN SPECTROGRAPH

DESIGNED BY C.L. MCMURRILL DATE 12-27-66
DRAWN BY R. MANEY DATE 7-67
APPROVED BY J.W. HALL DATE 8-16-67

NAME LIGHT COMARISON OPTICAL SYSTEM - DETAILS -
SCALE FULL
DWG. NUMBER 2028.01-D11 REV A

DIETZGEN-POST CLEARPRINT 72000

