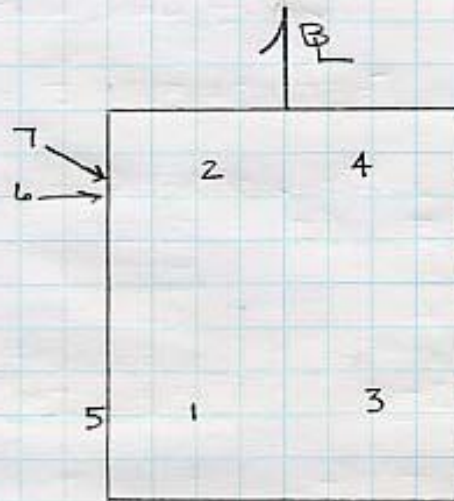


PHOTON LEAD COLLIMATOR  
E-166

5/4/05  
LG MR  
1/4

TOP VIEW



1" TOOLING BALL

	X	Y	Z
1	+1.804'	+3.824'	-2.085'
2	+1.750'	+3.841'	+2.055'
3	-1.846'	+3.829'	-2.119'
4	-1.943'	+3.845'	+1.981'
5	+4.786'	-0.058'	-2.973'
6	+4.769'	-1.333'	+1.794'
7	+4.777'	+1.192'	+1.788'

5" EXTENSION

	X	Y	Z
A	+1.818'	+8.829'	-2.105'
B	+1.767'	+8.845'	+2.046'
C	-1.832'	+8.832'	-2.143'
D	-1.929'	+8.847'	+1.952'
E	+9.787'	-0.074'	-2.978'
F	+9.772'	-1.353'	+1.813'
G	+9.779'	+1.181'	+1.805'

PHOTON " " "  
LEAD COLLIMATOR  
E-166

5/4/05  
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★ NUMBERS 1" T/B LETTERS 5" EXTENTION  
Y) PUT THREADED ROD THROUGH HOLE FOR X & Y &  
.178 DIA .089 RAD

1" TOOLING BALL

U/S Rod  
13.706  
.089  
13.795 H.I.

1) 8.971  
1. —  
9.971  
13.795  
+3.824 ✓

2) 8.954  
1. —  
9.954  
13.795  
+3.841 ✓

3) 8.966  
1. —  
9.966  
13.795  
+3.829 ✓

4) 8.950  
1. —  
9.950  
13.795  
+3.845 ✓

5) 12.853  
1. —  
13.853  
13.795  
-0.058 ✓

6) 14.128  
1. —  
15.128  
13.795  
-1.333 ✓

7) 11.603  
1. —  
12.603  
13.795  
+1.192 ✓

X)

1" TOOLING BALLS

13.908 u/s 9.091 u/s .015 } PLAY  
13.908 o/s 9.092 o/s .017 }

13.908 READING  
.089  
13.997  
.008 1/2 PLAY  
13.989 LOS

1) 11.185  
1. —  
12.185  
13.989  
+1.804 ✓

2) 11.239  
1. —  
12.239  
13.989  
+1.750 ✓

3) 14.835  
1. —  
15.835  
13.989  
-1.846 ✓

4) 14.932  
1. —  
15.932  
13.989  
-1.943 ✓

5) 8.203  
1. —  
9.203  
13.989  
+4.786 ✓

6) 8.220  
1. —  
9.220  
13.989  
+4.769 ✓

7) 8.212  
1. —  
9.212  
13.989  
+4.777 ✓

22 100  
5/05

PHOTON  
LEAD COLLIMATOR  
E-166

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Y) 13.795 HI.

5" EXTENTION

$$\begin{array}{r} A(1) \ 3.966 \\ \underline{1.} \\ 4.966 \\ 13.795 \\ \boxed{+8.829} \end{array}$$

$$\begin{array}{r} B(2) \ 3.950 \\ \underline{1.} \\ 4.950 \\ 13.795 \\ \boxed{+8.845} \end{array}$$

$$\begin{array}{r} C(3) \ 3.963 \\ \underline{1.} \\ 4.963 \\ 13.795 \\ \boxed{+8.832} \end{array}$$

$$\begin{array}{r} D(4) \ 3.948 \\ \underline{1.} \\ 4.948 \\ 13.795 \\ \boxed{+8.847} \end{array}$$

$$\begin{array}{r} E(5) \ 12.869 \\ \underline{1.} \\ 13.869 \\ 13.795 \\ \boxed{-0.074} \end{array}$$

$$\begin{array}{r} F(6) \ 14.148 \\ \underline{1.} \\ 15.148 \\ 13.795 \\ \boxed{-1.353} \end{array}$$

$$\begin{array}{r} G(7) \ 11.614 \\ \underline{1.} \\ 12.614 \\ 13.795 \\ \boxed{+1.181} \end{array}$$

X) 13.989 LOS 5" EXTENTION

$$\begin{array}{r} A(1) \ 11.171 \\ \underline{1.} \\ 12.171 \\ 13.989 \\ \boxed{+1.818} \end{array}$$

$$\begin{array}{r} B(2) \ 11.222 \\ \underline{1.} \\ 12.222 \\ 13.989 \\ \boxed{+1.767} \end{array}$$

$$\begin{array}{r} C(3) \ 14.821 \\ \underline{1.} \\ 15.821 \\ 13.989 \\ \boxed{-1.832} \end{array}$$

$$\begin{array}{r} D(4) \ 14.918 \\ \underline{1.} \\ 15.918 \\ 13.989 \\ \boxed{-1.929} \end{array}$$

$$\begin{array}{r} E(5) \ 3.202 \\ \underline{1.} \\ 4.202 \\ 13.989 \\ \boxed{+9.787} \end{array}$$

$$\begin{array}{r} F(6) \ 3.217 \\ \underline{1.} \\ 4.217 \\ 13.989 \\ \boxed{+9.772} \end{array}$$

$$\begin{array}{r} G(7) \ 3.210 \\ \underline{1.} \\ 4.210 \\ 13.989 \\ \boxed{+9.779} \end{array}$$

22 JED  
5/05

PHOTON  
LEAD COLLIMATOR  
E-166

5/4/05  
LG MR  
4/4

2)

2.673 U/S END LEAD BRICK  
10.658 D/S  $\gg \gg \gg$   
 $7.985 \times 2 = 3.993 + 2.673 = 6.666$  LOS ✓

1" TOOLING BALL

1) 
$$\begin{array}{r} 3.581 \\ 1. \\ \hline 4.581 \\ -6.666 \\ \hline -2.085 \end{array}$$
 ✓

2) 
$$\begin{array}{r} 7.721 \\ 1. \\ \hline 8.721 \\ -6.666 \\ \hline +2.055 \end{array}$$
 ✓

3) 
$$\begin{array}{r} 3.547 \\ 1. \\ \hline 4.547 \\ -6.666 \\ \hline -2.119 \end{array}$$
 ✓

4) 
$$\begin{array}{r} 7.647 \\ 1. \\ \hline 8.647 \\ -6.666 \\ \hline +1.981 \end{array}$$
 ✓

5) 
$$\begin{array}{r} 2.693 \\ 1. \\ \hline 3.693 \\ -6.666 \\ \hline -2.973 \end{array}$$
 ✓

6) 
$$\begin{array}{r} 7.460 \\ 1. \\ \hline 8.460 \\ -6.666 \\ \hline +1.794 \end{array}$$
 ✓

7) 
$$\begin{array}{r} 7.454 \\ 1. \\ \hline 8.454 \\ -6.666 \\ \hline +1.788 \end{array}$$
 ✓

5" EXTENTION

A (1) 
$$\begin{array}{r} 3.561 \\ 1. \\ \hline 4.561 \\ -6.666 \\ \hline -2.105 \end{array}$$
 ✓

B (2) 
$$\begin{array}{r} 7.712 \\ 1. \\ \hline 8.712 \\ -6.666 \\ \hline +2.046 \end{array}$$
 ✓

C (3) 
$$\begin{array}{r} 3.523 \\ 1. \\ \hline 4.523 \\ -6.666 \\ \hline -2.143 \end{array}$$
 ✓

D (4) 
$$\begin{array}{r} 7.618 \\ 1. \\ \hline 8.618 \\ -6.666 \\ \hline +1.952 \end{array}$$
 ✓

E (5) 
$$\begin{array}{r} 2.688 \\ 1. \\ \hline 3.688 \\ -6.666 \\ \hline -2.978 \end{array}$$
 ✓

F (6) 
$$\begin{array}{r} 7.479 \\ 1. \\ \hline 8.479 \\ -6.666 \\ \hline +1.813 \end{array}$$
 ✓

G (7) 
$$\begin{array}{r} 7.471 \\ 1. \\ \hline 8.471 \\ -6.666 \\ \hline +1.805 \end{array}$$
 ✓

22  
5/05 ✓ED