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# Photomultiplier Tube

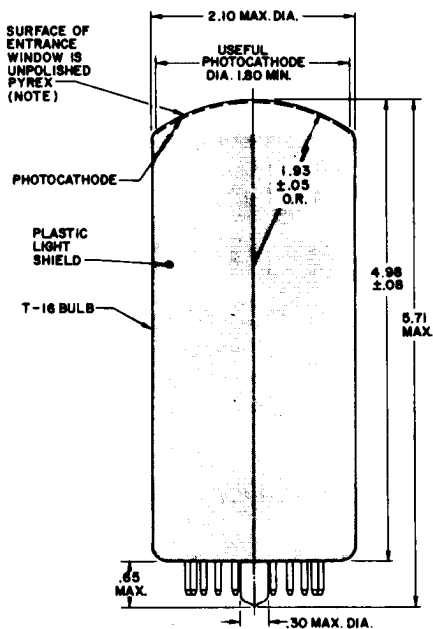
## 2"-Diameter Type

RCA-8851 is a 2"-diameter, 12-stage, head-on QUANTACON\* photomultiplier tube having a bialkali photocathode and a pyrex entrance window. It is identical in all respects to type 8850, except for the shape of its window which is a spherical segment.

\*QUANTACON is the RCA designation for photomultiplier tubes employing group III/V compounds as secondary emitters and/or photocathodes. A typical compound is gallium-phosphide.

*See Dimensional Outline on Reverse Side.*

## DIMENSIONAL OUTLINE



92LM-2951R1

## Dimensions in Inches

Note: Caution must be employed when handling this tube because of the thinness of the entrance window.

The dimensions in millimeters are derived from the basic inch dimensions (1 inch = 25.4 mm).

Inch	mm	Inch	mm	Inch	mm
.003	.08	.05	1.3	1.375	34.93
.010	.25	.064	1.63	1.80	45.7
.02	.5	.08	2.0	1.93	49.0
.04	1.0	.30	7.6	2.10	53.3
.045	1.14	.65	16.5	4.98	126.5
				5.71	145.0