



(Development Shop Process)

The following specifications apply to Tube Type C73146 (2BP7).

MAY 1955

1. MATERIALS
- Z31 Zinc Cadmium Sulfide Suspension
 - Z30 Zinc Sulfide Suspension
 - P69 1N (1/2M) Solution of Potassium Sulfate, Reagent
 - * P264D* 16% Solution of Potassium Silicate
 - - Double Distilled Water

2. PROCEDURE

	Quantities per Bulb		
	First Layer	Second Layer	Third Layer
Cushion Water, cc	33	23	2nd Layer
Phosphor Suspension at 10mg/cc, cc	5 (Z31)	15 (Z31)	12 (Z30)
Potassium Silicate Binder, cc.	* 12	* 12	- -
Potassium Sulfate Electrolyte, cc	5	5	5
Minimum Settling, hr.	2	1/2	6

ENGINEERING SECTION
 STANDARDIZING

SCALE _____

DIMENSIONS IN

UNLESS OTHERWISE SHOWN. DIMENSIONS SHOWN WITHOUT TOLERANCES ARE DESIGN CENTERS

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* CHANGE
 ** ADDITION
 *** DELETION

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