

cc: JB Prescott
JL Purpura

TRIP REPORT

Lamp Department
10/25/66

Electronics Park - Syracuse
October 27, 1966

Mr. R. A. Ducker
Office

Mr. J. L. Purpura and the writer visited Lamp Department, 10/25/66. The primary purpose of this meeting with Lamp Department personnel was to more clearly define the glass quality required for the 12" bulb parts, plus insuring parallel paths for measuring the visual quality and dimensional specifications of said parts.

A meeting was held at Highland Road in the morning with the following agenda:

A. Color and Transmission Specifications

1. Chromaticity required

- a) Match Lancaster or shoot for center of industry polygon.
- b) Specification used.

2. Transmission Required

- a) Thickness used

B. Glass Composition

- 1. Lancaster panel and funnel
- 2. Corning funnel
- 3. Corning panel
- 4. Kimble panel and funnel

C. Visual and Dimensional Specifications

- 1. Yoke penetration gauge
- 2. Yoke reference line gauge
- 3. Stippling specification

4. General dimensional specifications

- a) Major axis
- b) Minor axis
- c) Diagonal axis
- d) YRL to anode center
- e) YRL to seal edge
- f) Seal edge to outside center face
- g) Seal edge thickness
- h) Center face thickness

5. Equipment to measure items under 4

6. Visual quality criteria

- a) N16000KB usable
- b) Limit samples to be used.

After lunch we toured the Highland Road facilities and then were shown the design facility of Lamp Department's TV bulb parts program at Centerline. They have 5 designers and 2 detailers in addition to Tom Burleson and 2 other engineers. Over half of their equipment is designed.

A tour was then made of their TV facility at Pitney. Their batch system is well underway and the furnace support steel and press support steel is in place. The Lynch press is on the dock and will be located very soon.

After the tour of the Pitney facility, we met with the Pitney Plant Manager, Mr. Val Schilinberger, and Messrs. Don Grube, Art Woodard, Tom Burleson, Bob Kistler, Phil Thomas and Jack Meyer, to summarize the visual and dimensional quality portion of our joint TV bulb venture.

The meetings and tours were very enlightening to us as well as to those present from Lamp Department. The enthusiasm over this new venture was quite evident and Lamp Department has made some astounding progress on their program during the last 3 months. They are targeting for glass in March, 1966 and the writer is confident they will meet this target.

The plans are tentatively made to have joint meetings concerning visual and dimensional quality, gauges, procedures and other mutual problems on a monthly basis. It is imperative that we continue to insure the parallel path approach to this joint venture.

Dale
D. C. Gillman
Project Engineer