

15¢

SEPTEMBER 25, 1948

# SCIENCE NEWS LETTER

®

THE WEEKLY SUMMARY OF CURRENT SCIENCE



**Centennial Greetings**

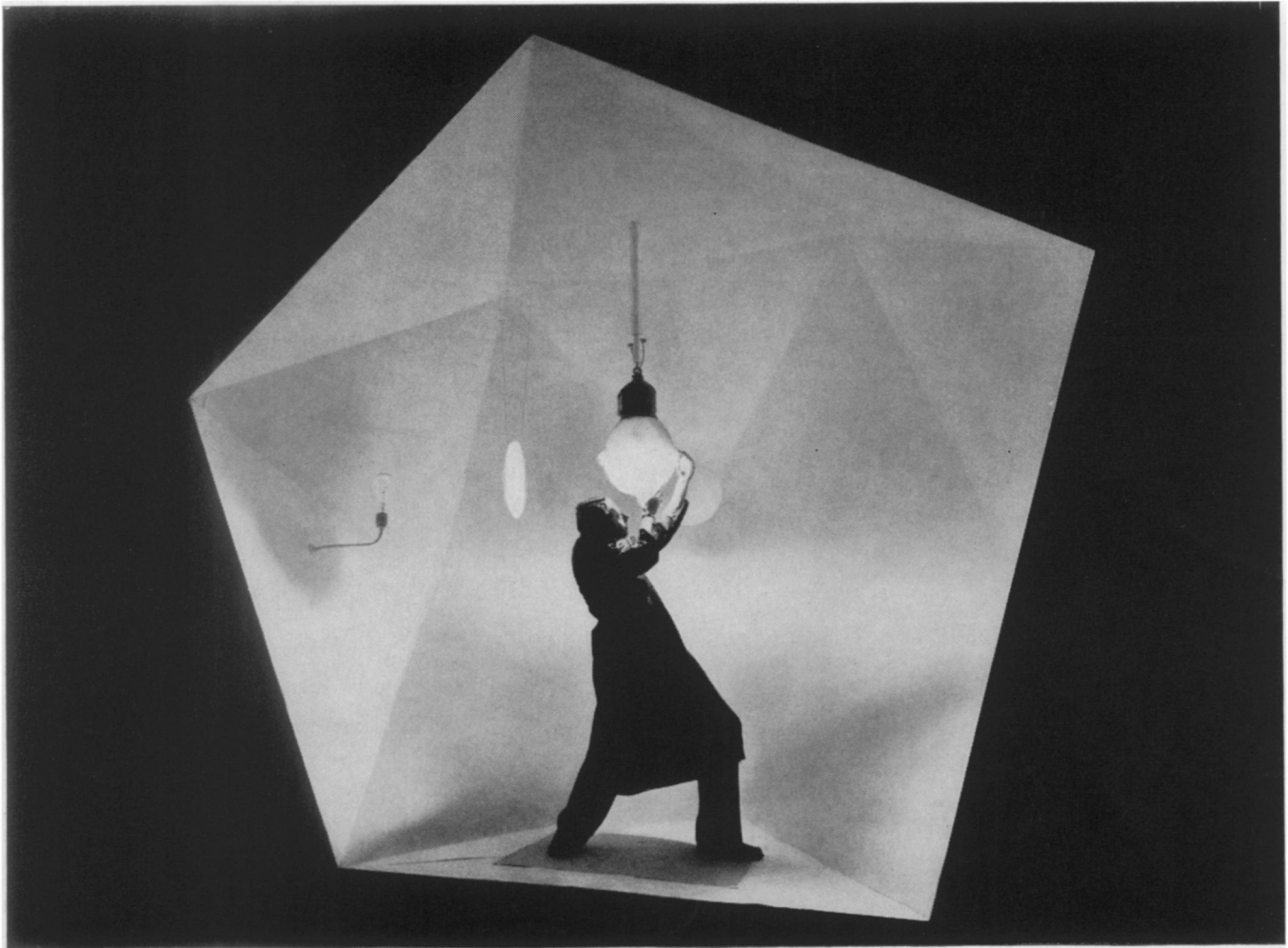
See Page 196

A SCIENCE SERVICE PUBLICATION

\$5.50 A YEAR

VOL. 54 NO. 13.

YOU CAN BE SURE... IF IT'S Westinghouse



### *Who needs a laboratory WITH 20 SIDES?*

The answer is—a Westinghouse lighting engineer. The reason? So he can test street lighting units before they are put into production.

To measure the efficiency of street lights, research engineers at the Cleveland Lighting Plant designed and built the structure shown above. Known as an “icosahedron”, it has 20 snow-white walls which reflect light perfectly. Over-all efficiency is measured by a photocell behind a small window in one side.

In addition, to make sure that street lighting equipment will maintain the desired perform-

ance under actual operating conditions, it is installed by Westinghouse engineers on a specially-built street located near the plant. Only then, after a series of exhaustive tests . . . including exposure to severe weather . . . is the unit released for production.

This type of exacting research is not confined to the development of better street lighting units. It is standard procedure throughout the Westinghouse organization, whether the product is an electric iron or a steam turbine. You can be sure . . . if it's Westinghouse.

G-10020



**Westinghouse**  
PLANTS IN 25 CITIES . . . OFFICES EVERYWHERE