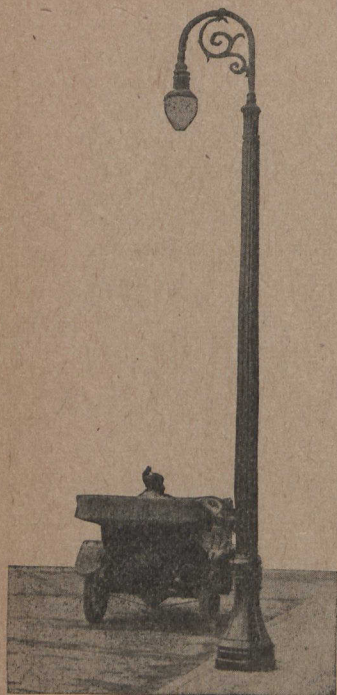


## An Example of Artistic Street Lighting

Up-to-date System Installed at Stratford, Ont.

The subject of Street Lighting is attracting attention at the present time. The great strides which have been made by incandescent lamp manufacturers in the past few years have revolutionized illumination of all kinds. The producers of street lighting equipment have been quick to turn their attention to the latest illuminants and many examples of highly efficient and ornamental installations may be seen throughout the country.

A good example of this will be found in Stratford, Ontario, where the Stratford Light, Heat and Power Commission have made an addition to their street lighting system. There are a number of



features which are of considerable interest at this time.

of a neat cast iron column and base with a wrought iron crook to harmonize with the other brackets, mounted directly on the top of same.

The pendant fixture consists essentially of a cast iron ventilated body having suitable ground and line insulation of porcelain, and supporting a Moonstone globe designed with very careful attention to correct illuminating properties. The globe is supported by means of a solid stamped steel ring giving a line contact and free from binding screws.

Fig. 3 is a view of the main street taken with the illumination from the new lighting at night.

The wiring of this system consists of three circuits run overhead from the main station and on the trolley poles, but where there are no trolley poles the connections to the cast iron standards are made underground with single conductor lead-covered paper cable laid in fibre conduit. The conduit is laid on a natural trench bottom and covered with 3-in. of concrete. The circuits are so laid out that two of them can be cut out at midnight and the all night service carried on one circuit.

The current is supplied from three constant current Adams Bagnall repulsion type transformers, two of which are 32 K.W. capacity and one of 22 K.W. Each transformer is controlled by a separate standard panel.

In the base of each standard is fitted a G. & W. combination absolute cutout and pothead. These devices are also fitted with a film cutout arranged to operate when the lamp is open circuited.

Most of the equipment, including the constant current transformers, panels, G. & W. combination potheads, cast iron standards and lighting fixtures were supplied by the firm of A. H. Winter Joyner, Limited, of Toronto and Montreal.



MAIN STREET OF STRATFORD, ONT., ILLUMINATED.



The installation consists of 193 units located in the business district of the city. Without doubt it represents one of the most advanced types of street lighting on the continent and is moreover one of the first installations in which large units of nitrogen-filled tungsten lamps have been used. 500 watt, 6.6 amp. series nitrogen units have been used throughout. They are appropriately supported in a new type of pendant fixture mounted on brackets of serviceable and artistic design. The general style of brackets and fixtures is illustrated in Fig. 1 which shows the bracket mounted on steel railway poles. In certain localities there are no railway poles available and it was, therefore, necessary to instal a standard for lighting purposes only. This standard is shown in Fig. 2 and consists

The well-known street lighting firm of A. H. Winter Joyner, Limited, of Toronto, has opened a branch office at Lewis Building, Montreal, with the idea of giving a better service to Eastern municipalities.

### CHANGES IN BRANCH OFFICE LOCATIONS.

The Standard Underground Cable Co. of Canada, Limited, announces that its Montreal branch office is now located in the McGill Building, instead of the New Birks Building, as heretofore.