



Product Features

This traditional Grosvenor gas lantern is hand crafted in Copper and retains the Victorian Heritage styling of the original, while offering an IP54 standard of ingress protection. With an access door for easy cleaning and maintenance, the manufacturing process meets current luminaire design standards. The Grosvenor lanterns with their balanced flue design and unique gas options coupled with their automatic controls meet present day operation and maintenance requirements across a wide range of applications and burner combinations.

Features

The small, medium and large Grosvenor have individual radiused glass panel glazing with a hinged glass glazed door as standard, with optional Polycarbonate. This improves the access for burner maintenance and internal cleaning, thus reducing maintenance cycles. The specular reflector and internal chimney ensures a balanced flue is achieved, reducing the effects of strong winds on the burner's performance.

The lanterns are mounted, as standard, on galvanised open frogs which are powder coated. The Sugg lantern differs from its competitors as the side ribs are reinforced with stainless steel rods thus spreading the weight and wind loading across the structure of the luminaire offering enhanced durability in service.

Controls

For mains operation the permanent pilot and solenoid are mounted in the main body of the lantern. If mains power is not present the optional battery powered Sugg Opto/Clock offers timed control from a remote box fitted in the column base. Also available, a photocell operation from a remote location. Both control options are available within the Grosvenor range for both burner types, for use with natural and LPG gasses.

Options

Mounting Options

Frog mounted, open frog to enable gas connections, galvanised steel powder coated black polyester, for 76mm and 89mm shafts. This arrangement is suitable for column and bracket mounting. Cradle fitted luminaires are also available for wall, column and corner mounting.

Variations

Photo Cell

A remote photocell may be used with mains solenoid models, as well as battery operated and Opto/Clock models.

Finish variations

Natural polished copper; that will age in the environment to a deep natural patina. Polished and lacquered copper, other RAL colours can be accommodated.

Luminaire construction

Options IP54 version manufactured from copper. All soldered construction with strengthened side ribs and hinged door.

Materials

Lantern

Copper frame and spinning sets, double hinges for the door and a single locking mechanism ensure easy access for burner maintenance.

Glazing

Glass as standard, optional polycarbonate glazing is available for use with three light clusters and up to twin fishtails.

Frog

Open frog galvanised steel, powder coated.



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Typical Specification

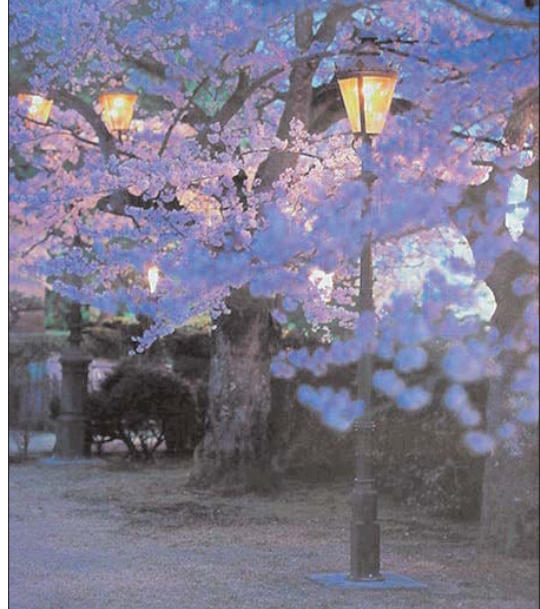
Grosvenor conical IP54 **Medium** Lantern: Hand crafted copper frame with stainless steel reinforcing rods secured in frame or improved strength and frog fixings. Glazing: fully glass glazed lantern frame and hinged door. The Grosvenor **medium** lantern measures **435mm** diameter, **1080mm** in height (including the frog). The open frog is galvanized steel, which is then powder coated, and will accept a 76mm column shaft. This will be secured to the spigot with a set of three equidistant Allen screws thus ensuring a secure fixing. The lantern is fitted with the Sugg balanced flue and reflector, with a **double fishtailed** open flame burner **jetted for natural gas** with integral solenoid and pilot. Manufactured with stainless steel or brass screws and fixings. The **Opto/Clock** control unit is fitted remote to the lantern in the column base. The lantern is painted **Black RAL 9005**, acrylic wet paint, which is then stoved to ensure a durable gloss finish is achieved.

Please note that items highlighted in bold can be changed using the options available.

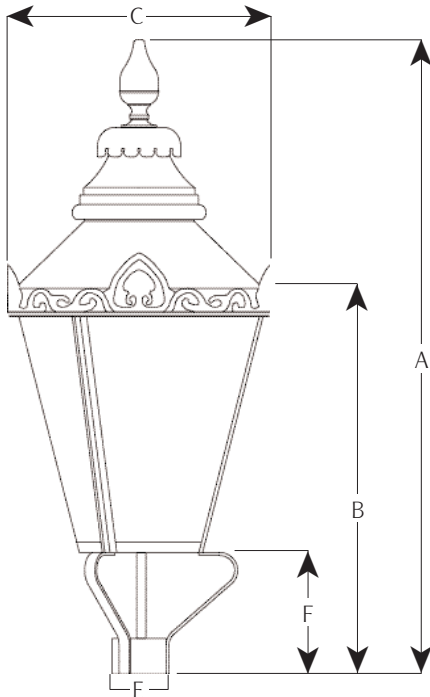
Applications

The picture shows the Grosvenor medium lantern on a cast iron octagonal column, the lantern is copper that has deepened down to its natural patina. The frieze is cast aluminium and left natural. The four-burner bottom fed superheated clusters, using four No2 mantles, provides warm illumination within this Japanese park environment.

A combination of single and multi headed arrangements were used with a living flame that creates warm lighting for the associated planted areas, and provides safe illumination for pedestrians.



Options



DIMENSIONS	SMALL	MEDIUM	LARGE	BOXED
A Lantern Height	790mm	1080mm	1325mm	940mm
B Lamp Height	410mm	660mm	790mm	
C Diameter/Width	330mm	435mm	533mm	610mm
E Standard Entry	51mm	76mm	76mm	610mm
F Frog Height	140mm	205mm	205mm	
Windage Area	0.17m ²	0.21m ²	0.32m ²	0.35 ³
Weight	5kg	11kg	14kg	16kg

GLAZING OPTIONS	SMALL	MEDIUM	LARGE
Glass	✓	✓	✓
Polycarbonate	X	✓	✓

Fishtail Burners

The fishtail burner is a flat flame that is produced from a ceramic jet that ensures the flame is stable and provides the visual fishtail shape. This is sometimes referred to as a batwing burner and is preferred when the flame shape and appearance is of more importance than the light output

Superheated Burner

The inverted gas Mantles are suspended from a variety of cast superheaters offering different options depending upon the number of mantles selected.

Burner Options	SUPERHEATED CLUSTERS				
	Single	Double	Treble	Quad	Six
Small	✓	✓	✓	X	X
Medium	✓	✓	✓	✓	X
Large	✓	✓	✓	✓	✓

FISHTAIL BURNER		
Single	Double	Treble
✓	✓	X
✓	✓	X
✓	✓	✓