



Product Features

This traditional circular lantern with hemispherical top is hand crafted in copper and retains the victorian heritage styling of the original, with the option of illuminated or non-illuminated top hemisphere adding a decorative dimension to this lantern. The Guildhall range of lanterns achieves an IP54 ingress protection and with their superior optical control meet present day lighting standards across a wide range of applications and lamp combinations. The circular pattern decorative frieze as standard.

Features

The Small, Medium and Large Guildhall have individual glazing panels in polycarbonate, as standard, with optional acrylic, this is secured to the lantern ribs with foam gaskets and glazing tags. The top hemisphere is secured into the upper frame and can be opaque or translucent if upper illumination is required. The ingress protection rating of the fitting to IP54, the hinged door provides easy access for maintenance and cleaning cycles.

The lanterns are frog mounted, as standard, these being galvanised and 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.

Control Gear

The gear is mounted in the tent canopy either side of the optic and in this way we can accommodate the full range of discharge lamps. Also now available compact fluorescent lamps with gear. It is important to note Cosmopolis options are fitted with electronic gear due to space in lantern top. The table over leaf gives details relative to the individual lanterns.

Options

Mounting Options

Frog mounted, galvanised steel, powder coated black polyester, for 76mm and 89mm shafts. Cast aluminium spigot is also available powder coated black polyester for 76mm shafts. Both of these options are suitable for column and bracket mounting. Cradle fitted luminaires are also available for wall, column and corner mounting.

Variations

Photocells

Single and two part electronic photocells are available including part night cells as standard.

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 but this is subject to quantity.

Luminaire construction

Can be produced without a door if required both achieve the IP54 rating. There is room within this lantern to house LED floodlights or CCTV cameras for covert surveyance.

Materials

Lantern

Copper frame and spinning sets. Copper hinges for the access door and two sliding locking mechanisms ensure easy access for re-lamping. Gear and photocell maintenance can be accessed by removing the lantern top. The Guildhall lantern has a decorative lead coronet.

Glazing

Polycarbonate as standard; glass also available.

Frog

Galvanised steel, which is then powder coated.

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Typical Specification

Guildhall **IP54 Medium** Lantern: hand crafted copper frame with stainless steel reinforcing rods secured in frame corners for improved frog fixings. Glazing, **etched polycarbonate panels** in the lower part of the lantern which are secured into frame by glazing tags and adhesive gasket. The upper hemisphere is **opal polycarbonate** to allow upper illumination from a lens situated in the top to allow even illumination. The Guildhall medium lantern measures **432mm diameter, 1150mm in height** (including the frog). The frog is galvanised steel then powder coated, and will accept a **76mm** column shaft. This will be secured to the spigot with three equidistant sets of allen screws thus ensuring a secure fixing. The lantern is fitted with a vertical lampholder with integral gear, for a **85w CFL lamp**. The lampholder is positioned for a coated lamp in a vertical position: Lamp not supplied.

A **one-piece electronic photocell** is fitted in the tent canopy and is factory sealed to ensure the IP54 rating is not compromised. Manufactured with stainless steel or aluminium fixtures and fittings. The lantern is painted in **Black RAL 9005**, polyester wet paint, and then stoved to ensure a durable high gloss finish is achieved.

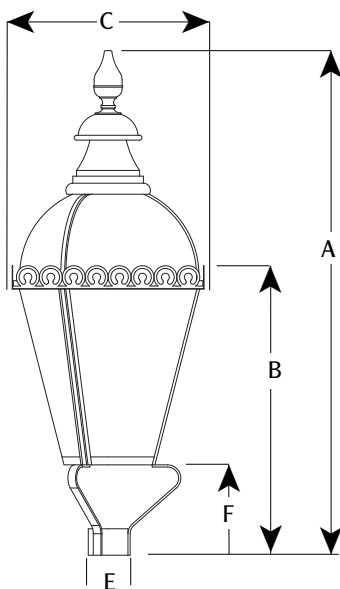
Please note that items highlighted in bold can be changed using the options available.

Applications

The Guildhall application to the right is of Devizes Town Centre. The Guildhall was selected as the luminaires are performing two functions. The vertical lamp within the full length prismatic glass refractor is providing the illuminance for the areas adjacent to the columns. The Guildhall has a high temperature glazed hemisphere in the top which is covered by an aluminium spinning with a window in the lantern top. Within the top void, where normally the optic and gear would be placed, are two metal halide spotlights. These have been fitted to highlight a war memorial and the building front shown in the illustration. The gear for the three lamps is located in the column base to ensure permissible running temperatures.



Options



It is important to note the Cosmopolis lamp options are fitted with electronic gear due to space in the lantern canopy.

DIMENSIONS	SMALL	MEDIUM	LARGE	BOXED
A Lantern Height	711mm	1150mm	1370mm	940mm
B Lamp Height	394mm	660mm	800mm	610mm
C Diameter/Width	330mm	432mm	550mm	610mm
E Frog Spigot Entry	51mm	76mm	76mm	
F Frong Height	140mm	205mm	205mm	
Windage Area	0.18m ²	0.23m ²	0.36m ²	0.35m ³
Weight	4kg	10kg	12kg	14.5kg

WATTAGES & LAMP TYPES	57W	60W	70W	80W	85W	90W	100W	125W	140W	150W	250W
HPS			✓✓				✓✓			✓✓	
HQI/CDMIT			✓✓				✓✓			✓✓	
Cosmopolis		✓✓				✓✓					
PLT	✓✓				✓✓						
MBF				✓✓				✓✓			

OPTICS	
Large Road Lighting Optic	✓✓
Small Road Lighting Optic	✓✓
Cycle Optic	✓✓
Refractor	✓✓✓
E27 Lamp Holder only	✓✓✓
E40 Lamp Holder only	✓✓

GLAZING OPTIONS		
Lower Glazing	Acrylic	✓✓✓
	Polycarbonate	✓✓✓
	Opal Acrylic	✓✓✓
	Glass Panels	✓✓
Upper Glazing	Opal Polycarbonate	✓✓✓
	Frosted Polycarbonate	✓✓
	Opaque Aluminium Spinning	✓✓

KEY: ✓ Small ✓ Medium ✓ Large