

Worcester Authority

TECHNICAL DATA SHEET

The Worcester Authority Lantern was designed around a traditional style of lantern that bridged the gap between the ornate Victorian/Georgian styling and more contemporary designs. Its build quality had to be of such a standard that would be able to cope with and endure the modern day environment and the high demands placed upon a street lighting luminaire today. The design brief demanded a lantern that was robust, simple to maintain, efficient, flexible and styled in such a way as to replicate the design of the original lanterns. The demands and needs of the public and private sectors for a vandal resistant, decorative, traditional luminaire that satisfied the scrutiny of conservationists demands that are comfortably met by the Worcester Authority lantern.

Construction

IP66 Tested & Certified by BSI.

Single piece Gravity Die-cast Aluminium Body Frame.

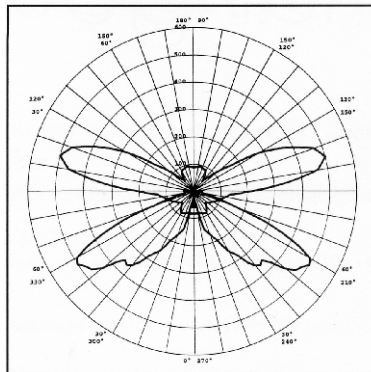
Single piece Heavy Gauge Aluminium Spun Hood, hinged with Gas Strut support for open position.

UV Stabilised, vacuum formed, single piece Polycarbonate Glazing Box.

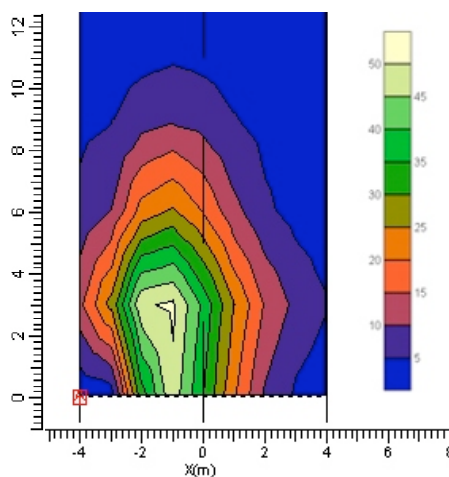
Cast Aluminium frog assembly.

Aluminium Spun Pinnacle assembly.

Polar Diagram
70w Son-T Plus / SGS 203



Isolux Diagram



Photometric Data

	70w	100w	150w
LOR	0.58	0.66	0.69
ULOR	0.011	0.014	0.015
DLOR	0.57	0.65	0.68

Optic Options

Open Lamp.
Glass Refractor (Sugar Bowl).
Philips SGS Pot Optic.

Mounting Options

Cast Aluminium Frog
In conjunction with:-
Post Top Fix.
Bottom Fix Wall/Post Top Bracket.
Top Fix Wall/Post Top Bracket.
Mid Fix Cradle Wall/Post Top Bracket.
76mm Post Top as standard 60mm & 90mm available.

Lantern Details

Windage area	0.26m ²
Height from base	922
Maximum Width	495
Average Body Weight	7kg

Gear/Lamp Types Available

High Pressure Sodium (SON)
Low Pressure Sodium (SOX)
Metal Halide
Mercury
Photocell switching

Note:-

Supplied pre-wired with sufficient cable for termination.

Lantern	H	W	Code
Worcester Authority	782	495	MW159