

Paddock Wood Distribution Centre Tonbridge Kent TN12 6UU

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XGS HGS SGS

Lanterns for group B roadlighting

Group B roadlighting lanterns with glass-fibre reinforced polyester canopy and polycarbonate bowl for low or high pressure sodium or high pressure mercury lamps.

RANGE

One housing for side or bottom entry use, available with reflectors and integral control gear for 35W SOX, 70W SON or 125W HPL-N.

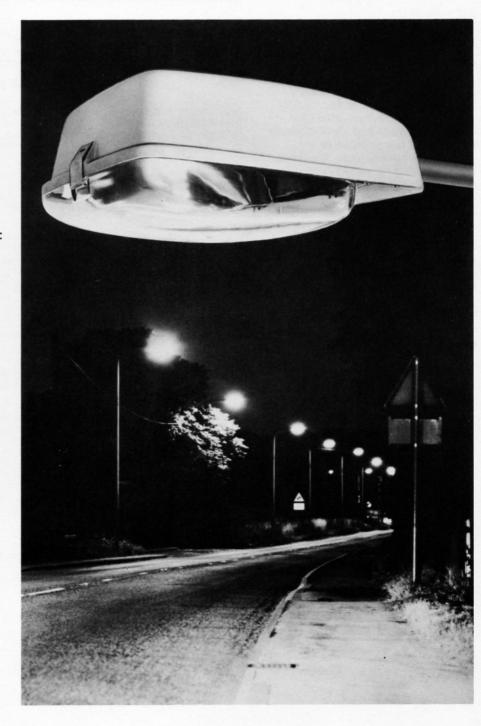
APPLICATIONS

These lanterns are suitable for use in:

- ■Group B roadlighting
- ■Residential lighting
- ■Security lighting
- ■Car parks
- ■Hotel forecourts
- ■Shopping precincts
- ■Railway stations
- ■Site lighting

FEATURES

- ■Strong, lightweight glass-fibre reinforced polyester canopies.
- ■Vandal-resistant polycarbonate bowls.
- ■Integral control gear simplifies maintenance.
- ■Special bracket provides the option of bottom entry or side entry mounting.
- ■Super high purity aluminium reflectors ensure high reflectivity and light output ratio.
- ■Available with NEMA socket for photocell control.



LIGHTING

MATERIALS & FINISH

Canopy: Lightweight glass-fibre reinforced polyester (GRP) grey **Bowl:** Polycarbonate (vandal

resistant)

Reflectors: Super high purity

aluminium.

Bowl clips: Stainless steel **Control gear cover:** Anodised

aluminium.

RANGE OF OPERATION

240 volts 50 Hz.

SPECIFICATION

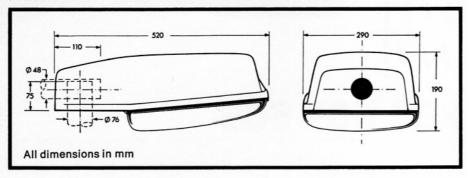
Group B roadlighting lantern with grey GRP canopy and fitted with integral control gear. The lantern housing is designed to accept 70W High Pressure Sodium, 35W Low Pressure Sodium and 125W Mercury Fluorescent lamps with the appropriate control gear. The lantern has the facility for accepting bottom or side entry spigots of 76 mm o.d. or 42/48 mm o.d. respectively. Degree of Protection IP23.

Type compliance with BS 4533 Section 2.7.102.3

Meets the requirements for Group B5/6 installation as specified in BS 5489 Part 3.

Lantern: Made in U.K. Control gear: Made in U.K. Ignitor: Made in Holland

DIMENSIONS



LANTERN DATA

Ordering Code	Rating	Dimensions		Weight	Windage		Light Output	
		Length	Depth		Plan m²	Elevation m ²	Ratio LOR	DLOR
XGS 201/035	35W SOX	520mm	190mm	5-8kg	0.15	0.09	0.69	0.68
SGS 201/070	70W SON	520mm	190mm	5.5kg	0.15	0.09	0.77	0.74
HGS 201/125	125W HPL-N	520mm	190mm	5·5kg	0.15	0.09	0.77	0.75

ELECTRICAL DATA

Lamp	Ballast	Capacitor	Ignitor	Mains Voltage	Mains Current (amps)	Lamp Current (amps)	Circuit Watts
35W SOX	L6355	L4008	SX 71	240	0.22	0.6	48
70W SON	L4074	L4010	Internal	240	0-4	1.0	85
125W HPL-N	L5125	L4008	-	240	0.64	1.2	137

ORDERING DATA

Catalogue No.	Description
For 35W SOX	
XGS 201/035	Side or bottom entry lantern with integral control gear
XGS 201/035*1	Side or bottom entry lantern with integral control gear with NEMA socket
FOR 70W SON	
SGS 201/070	Side or bottom entry lantern with integral control gear
SGS 201/070*1	Side or bottom entry lantern with integral control gear with NEMA socket
For 125W HPL-N	
HGS 201/125	Side or bottom entry lantern with integral control gear
HGS 201/125*1	Side or bottom entry lantern with integral control gear with NEMA socket