

Z1

Public Lighting



**Compact and light
with acrylic diffuser
and die cast
aluminium body,
IP55**

Schröder

Z1

Public Lighting

APPLICATION

- Lighting of light traffic density roads and footpaths.
- Decorative lighting.

DESCRIPTION

Z1 luminaire for public lighting for 50W up to 125W lamps. This lantern can be fitted with a 150W high pressure sodium vapour lamp but this should be used for compound lighting purposes only. The lantern comprises a die cast aluminium body divided into two parts; 2 side reflectors in high purity polished and anodised aluminium; a polystyrene acrylonitrile cover and an acrylic protector. The control gear is mounted onto a removable mounting plate.

CHARACTERISTICS

Optical compartment tightness level	IP 55 (*)
Control gear tightness level	IP 44 (*)
Aerodynamic resistance (C x S) Z1	0.043m ²
Z1 double	0.123m ²
Impact resistance: PMMA	IK 08 (**)
Electrical insulation class	I or II (*)
Weight (empty)	3 kg

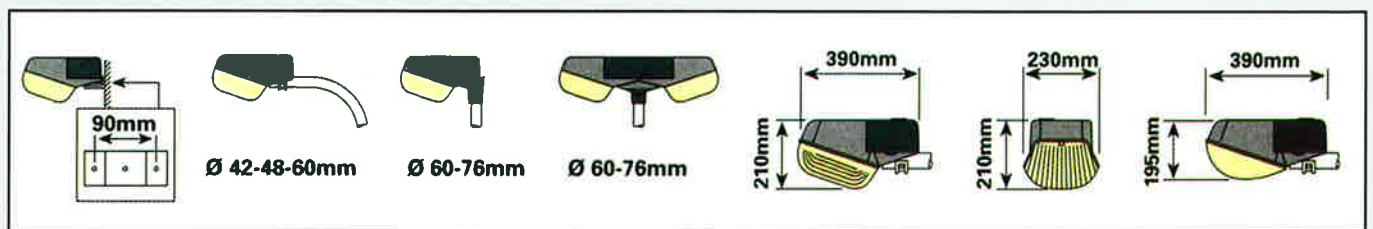
(*) according to standard EN 60598

(**) according to standard EN 50102

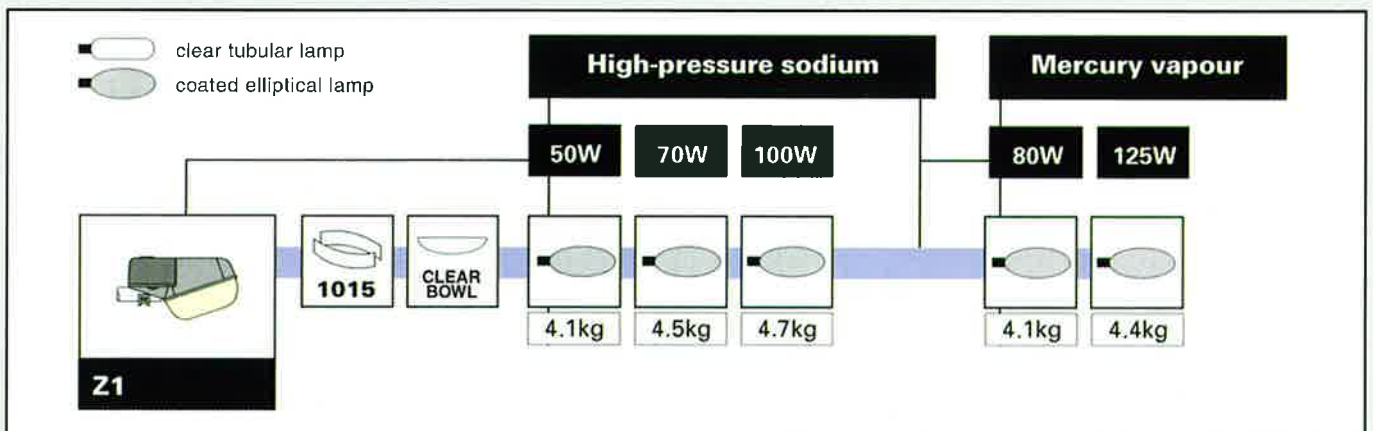


Z1 lanterns installed at KLIA mosque.

DIMENSIONS (MM)



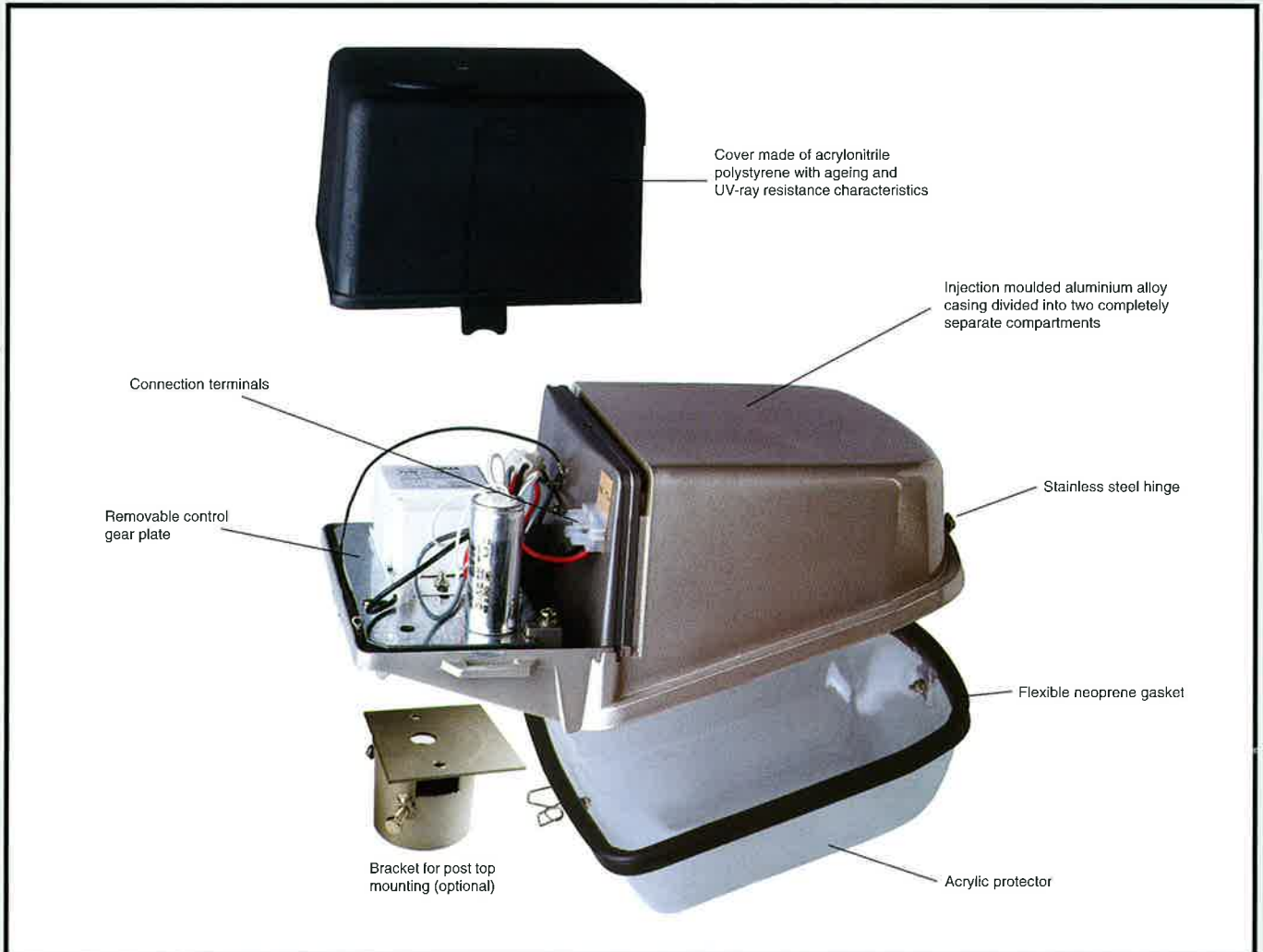
LAMPS - REFLECTORS



Z1

Public Lighting

DESCRIPTION

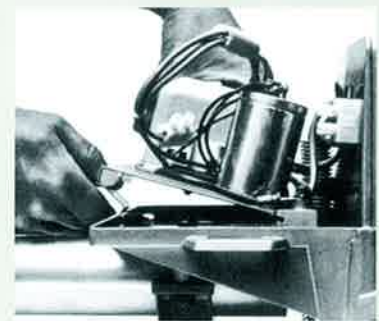


MAINTENANCE

Optical Unit



Supply Equipment



Z1

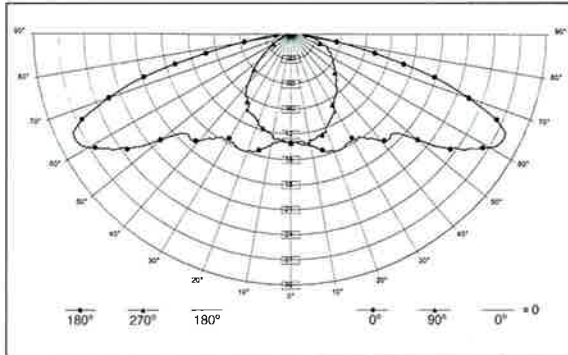
Public Lighting

PHOTOMETRIC DATA

Polar Diagram



High-pressure sodium
70W tubular
Reflector 1015
Acrylic protector

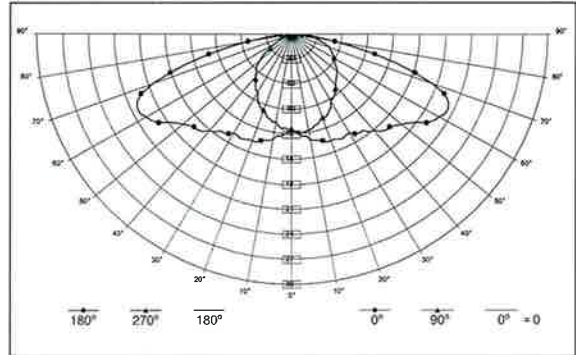


1 (C, Gamma) cd/1000 lm

Polar Diagram

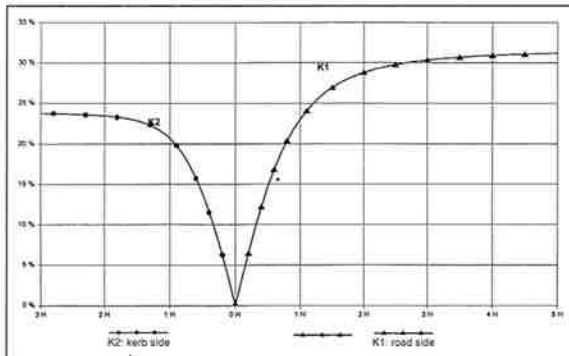


High-pressure mercury
125W tubular
Reflector 1015
Acrylic protector

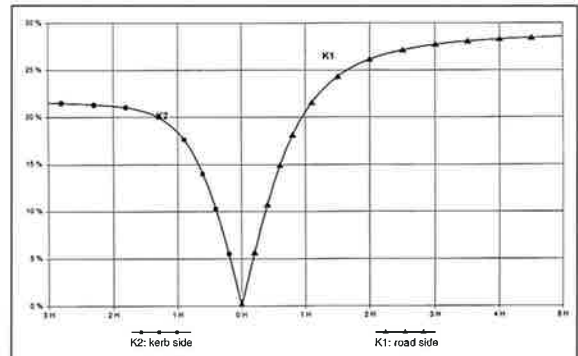


1 (C, Gamma) cd/1000 lm

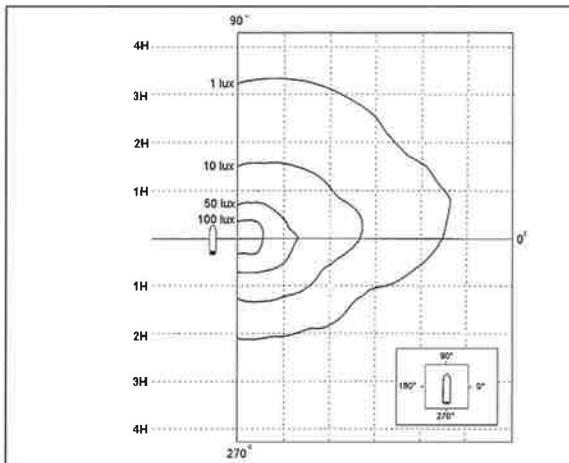
Utilization Factor Curves



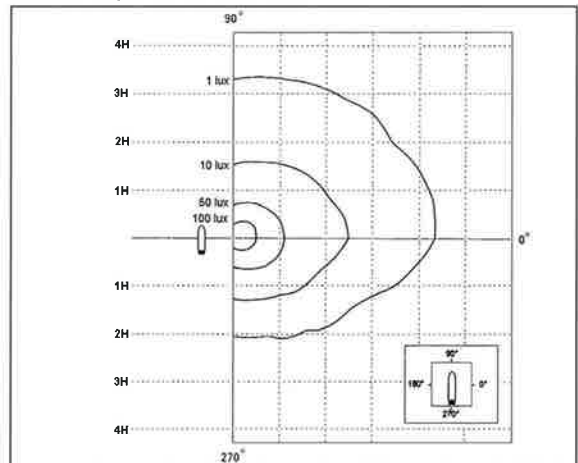
Utilization Factor Curves



Isolux Diagram: lux/1000 lumen



Isolux Diagram: lux/1000 lumen



Due to the continuous research and development we undertake on our products, we reserve the right to alter the specifications without notice. The information, descriptions and illustrations above are of only an indicative nature and as these may present different characteristics according to requirements of individual countries, we invite you to consult us.



STRAITS DESIGN SDN. BHD. (194668-D)

No. 1, Jalan BFP 9/1D, Perusahaan Bukit Rahman Putra,
47000 Sungai Buloh, Selangor Darul Ehsan.

Tel: 03-61572228 Fax: 03-61576888

E-mail: sd01@tm.net.my