



PERSA®

POLYCARBONATE STREET LIGHTING LANTERN

RANGE

PERSA can accommodate 250W/400W/600W HPS, 250W/400W MBI and MBF lamps.

APPLICATION

PERSA is suitable for illuminating streets, roads, highways and car parks. Suggested mounting height: 6-12 meters for 250 W and 9-16 meters for 400W.

CONSTRUCTION

Body: is made of pressure die-cast aluminium.

Canopy: injected moulded high impact(19J), heat resistant (Glow Wire test: 750 °C) and UV stabilized grey colour (RAL 7035) polycarbonate. The canopy has a top quality silicon rubber gasket which beds into a deep protected channel, this ensure a high sealing degree.

The Persa's aerodynamic body line has been designed by the help of wind tunnel in order to minimize the wind resistance.

Diffuser: The Persa/P (semi-cut-off optic), has a diffuser made of injected moulded high impact (19 J), vandal proof, heat resistant (Glow Wire test: 750 °C), UV stabilized and self-extinguished (V2) polycarbonate.

The Persa/V (cut-off optic) for optimizing the ratio between glare and lighting level, the diffuser is made of 5 mm thickness borosilicate tempered (according to BS 3193 and UNI7142) flat glass.

Optics: high purity (99.85%) one piece deep-drawn pressed anodized and polished aluminium reflector.

ELECTRICAL

The gear tray and the adjustable lampholder bracket are made of high impact and very high thermoresistant thermoplastic material in order to assure the class II insulation. The gear tray with the lampholder bracket are fully removable (without tools) in order to secure a fast maintenance. High temperature silicon insulated conductors are used throughout. Electrical connections are made quickly via a plug and socket system. Standard E40 base socket is provided, and the Mogul socket is available on request. An-adjustable socket bracket has 6 different lamp positions to realize any photometric needs.

MECHANICAL

Mounting: Without adding any extra components, it is possible to use pole mounting or post-top mounting system just by reversing the mounting brackets (reversible pole connection).

Pole mounting: Ø 60mm.

Post-top mounting: Ø 60-80 mm.

Installation: The Persa has been designed for ease of installation and maintenance. The canopy and lamp compartment are hinged to the body and are fixed by three stainless steel clips. The canopy hinges up to the body to access to the gear compartment. The quick release gear tray can be removed for maintenance complete with lampholder and lamp. Once in position the bowl or glass cannot be accidentally detached as these are fixed to the body by screws.

SPECIFICATION

Designed in accordance with relevant European Standards i.e. CEI 34-21/ EN 60598-1; CEI 34-23/ EN 60598-2-1; CEI 34-33/ EN 60598-2-3

Isolation: Class II

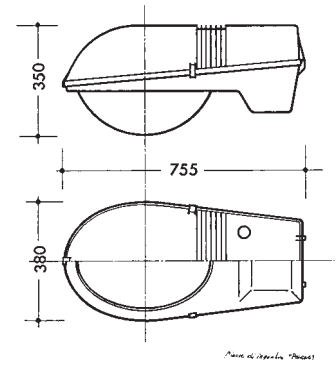
Designed by: Charles Schwab - G.M. Sala. **Engineered by:** Bernard Vaicant

LAMP COMPARTMENT

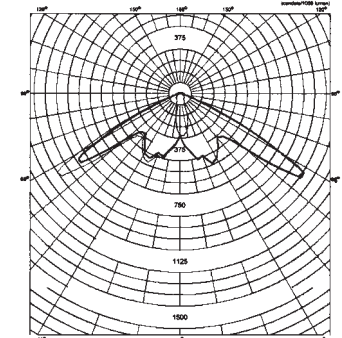
IP 65

ELECTRIC COMPARTMENT

IP 43

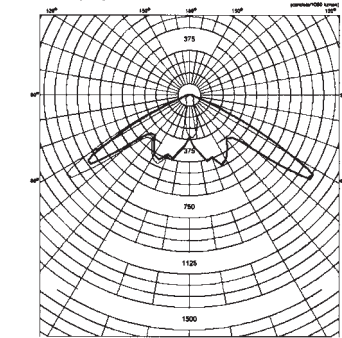


Polar Intensity Diagram



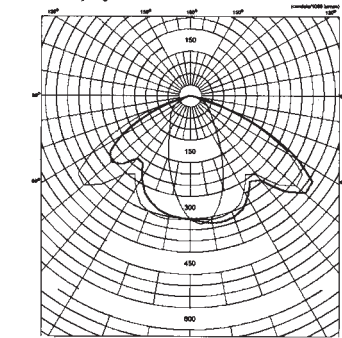
PERSA/UNIVERSAL 250W HPS-T flat glass

Polar Intensity Diagram



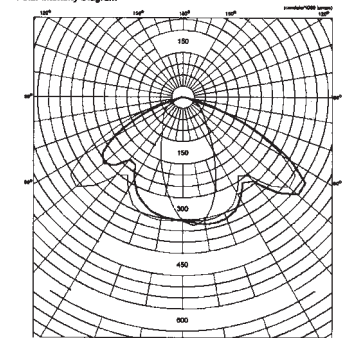
PERSA/UNIVERSAL 250W HPS-T polycarb.

Polar Intensity Diagram



PERSA/UNIVERSAL 250W HQI-E flat glass

Polar Intensity Diagram



PERSA/UNIVERSAL 250W HQI-E polycarb.

ORDERING DATA

CODE N°		LAMP	LAMP HOLDER	WEIGHT KG	
POLYCARBONATE	FLAT GLASS			POLYCARBONATE	FLAT GLASS
NX 6420	NX 6520	empty	E40	7,300	7,100
NX 6423	NX 6523	250 W HPS	E40	11,10	11,40
NX 6424	NX 6524	400 W HPS	E40	12,40	12,70
NX 6434	NX 6534	250 W MBI	E40	11,10	11,40
NX 6435	NX 6535	400 W MBI 4,20A	E40	12,40	12,70
NX 6469	NX 6569	400 W MBI 3,40A	E40	12,40	12,70
NX 6444	NX 6544	250 W MBF	E40	11,10	11,40
NX 6445	NX 6545	400 W MBF	E40	12,40	12,70

