



ASTRA 1®

POLYCARBONATE STREET LIGHTING LANTERN

LAMP COMPARTMENT
IP 65

ELECTRIC COMPARTMENT
IP 23



RANGE

Astra 1® can accommodate 70W HPS, 70W/100W MBI, 80W/125W MBF and FLC 42W lamps.

APPLICATIONS

Astra 1® is suitable for residential areas, car parks, as well as secondary traffic routes.

CONSTRUCTION

Body: is made of die-cast aluminium.

Canopy: injected moulded high quality impact and heat resistant UV stabilized grey colour (RAL 7035) polycarbonate. The canopy has a top quality silicon rubber gasket which beds into a deep protected channel, thus ensuring a high sealing degree.

Bowl: the bowl is available in UV stabilized polycarbonate, giving added vandal resistance at low mounting heights. It has a reinforced lip to prevent bowing and hereby ensuring constant gasket pressure and excellent sealing throughout life. To ensure a firm fix to the lantern, the bowl is hinged in two corners, and two stainless clips at the other two corners clamp the bowl securely to the canopy.

Flat glass or curved glass: a flat glass or curved glass option is available and it can be hinged and latched in the same way mentioned above.

Optics: high purity one piece aluminium reflector.

ELECTRICAL

The control gear box is provided with a 3-way terminal block. High temperature silicon insulated conductors are used throughout. Electrical connections are made quickly via a plug and socket system.

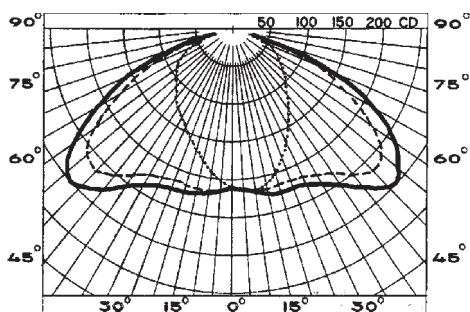
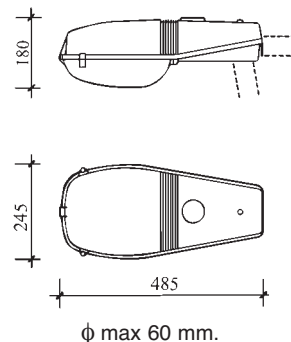
MECHANICAL

Astra 1® has been designed for ease of installation and maintenance. Both post top and side entry are possible by reversing the mounting bracket. The canopy and lamp compartment are hinged to the body and are fixed by stainless steel screws. The canopy hinges to the body to access to the gear compartment. The quick release gear tray can be removed for maintenance without disturbing the lamp or lampholder. Once in position the bowl or glass cannot be accidentally detached as a screw driver is required to release them. After lamp insertion, the bowl or glass is hinged and fixed into its sealed position by means of two stainless steel clips. Opening the lamp compartment is equally simple, just by removing the two clips and bowl hangs down.

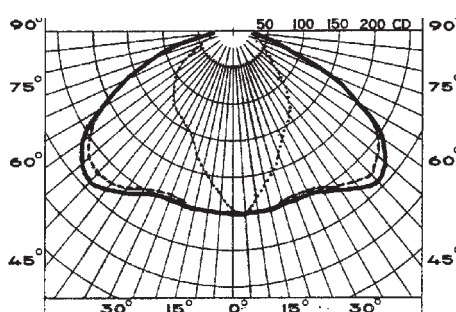
SPECIFICATION

Designed in accordance with the following Standards: IEC 598 - CEI 34-21.

Aerodynamic resistance (CXS): 0,071 sq.m.



70 W HPS-E
BOWL



125 W MBF
BOWL

ORDERING DATA

CODE N°		LAMP	LAMP HOLDER	WEIGHT KG		
BOWL	FLAT GLASS			CURVED GLASS	BOWL	FLAT/CURVED
NX 6210	NX 6310	NX 7310	EMPTY	E27	2,20	2,50
NX 6211	NX 6311	NX 7311	70W HPS w/o IGN	E27	3,50	3,70
NX 6212	NX 6312	NX 7312	70W HPS c/o IGN	E27	3,70	3,90
NX 6215	NX 6315	NX 7315	80W MBF	E27	3,20	3,60
NX 6216	NX 6316	NX 7316	125W MBF	E27	3,50	3,90
NX 6213	NX 6313	NX 7313	70W MBI	E27	3,30	3,60
NX 6214	NX 6314	NX 7314	100W MBI	E27	3,40	3,70
NX 6217	NX 6317	NX 7317	80-125W MBF	E27	3,50	3,70