



# ASTRA 2®

POLYCARBONATE STREET LIGHTING LANTERN

LAMP COMPARTMENT  
IP 65

ELECTRIC COMPARTMENT  
IP 23



## RANGE

Astra 2® can accommodate 150W/250W HPS, 150W/250W MBI and 125W/250W MBF lamps.

## APPLICATIONS

Astra 2® is suitable for residential areas, car parks as well as main 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.

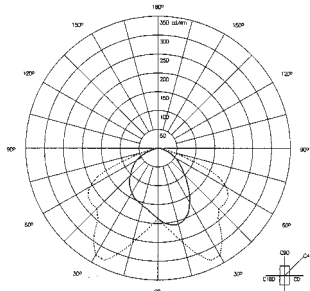
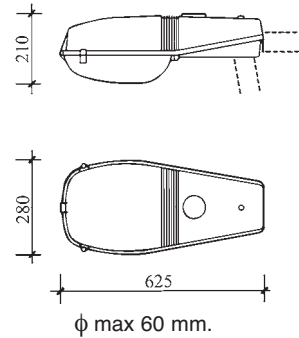
## MECHANICAL

ASTRA 2® has been designed for ease of installation and maintenance. Both post top and side entry is possible by reversing the mounting bracket. The canopy and lamp compartment are hinged to the body and are fixed by stainless steel screw. The canopy hinges up 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.

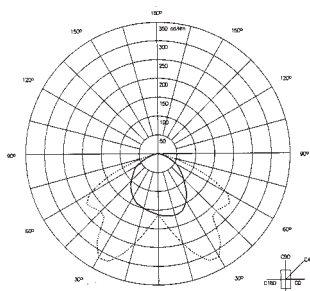
## SPECIFICATION

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

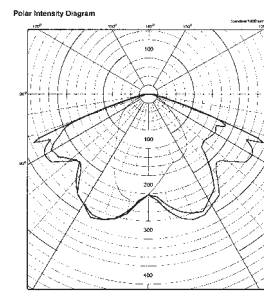
Aerodynamic resistance (CX): 0,103 sq.m.



HPS-T 250W Curved Glass



HPS-T 250W Flat Glass



250 W HPS-T BOWL

## ORDERING DATA

CODE N°		LAMP	LAMP HOLDER	WEIGHT KG		
BOWL	FLAT GLASS			CURVED GLASS	BOWL	FLAT/CURVED
NX 6010	NX 6110	NX 7110	EMPTY	E27	3,70	4,45
NX 6020	NX 6120	NX 7120	EMPTY	E40	3,70	4,45
NX 6320	NX 6410	NX 7420	70W HPS w/o IGN	E27	5,40	6,15
NX 6321	NX 6411	NX 7421	70W HPS c/o IGN	E27	5,40	6,15
NX 6021	NX 6121	NX 7121	100W HPS	E40	5,90	6,65
NX 6022	NX 6122	NX 7122	150W HPS	E40	7,60	8,35
NX 6023	NX 6123	NX 7123	250W HPS	E40	8,40	9,15
NX 6017	NX 6117	NX 7117	150W MBI	E27	7,60	8,35
NX 6034	NX 6134	NX 7134	250W MBI	E40	8,40	9,15
NX 6030	NX 6130	NX 7130	80W MBF	E27	5,60	6,35
NX 6016	NX 6116	NX 7116	125W MBF	E27	7,40	8,15
NX 6018	NX 6118	NX 7118	80-125W MBF	E27	7,40	8,15
NX 6025	NX 6125	NX 7125	250W MBF	E40	8,40	9,15