



# ASTRA 3<sup>®</sup>

POLYCARBONATE STREET LIGHTING LANTERN

LAMP COMPARTMENT

IP 65 

ELECTRIC COMPARTMENT

IP 23 



## RANGE

Astra 3<sup>®</sup> can accommodate 250W/400W HPS, 250W/400W MBI and 250W MBF lamps.

## APPLICATIONS

Astra 3<sup>®</sup> is suitable for illuminating streets, roads, highways and car parks. Suggested mounting height :

6-12 meters for 250W and 9-16 meters for 400W.

## 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 fit 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.

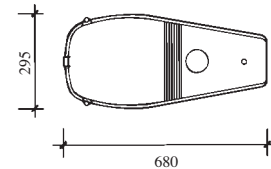
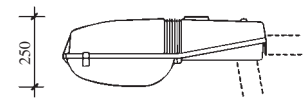
## MECHANICAL

Astra 3<sup>®</sup> 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 a 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. Hanging down the bowl (opening the lamps compartment) is equally simple, just by removing the two clips and bowl hangs down.

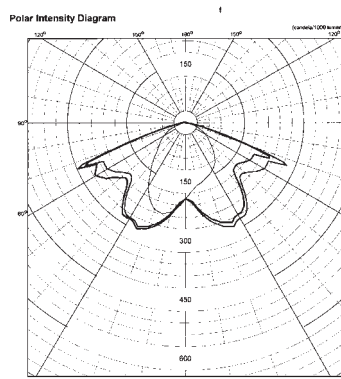
## SPECIFICATION

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

Aerodynamic resistance (CXs): 0,127 sq.m.



φ max 60 mm.



250 W MBI  
BOWL

## ORDERING DATA

CODE N°			LAMP	LAMP HOLDER	WEIGHT KG	
BOWL	FLAT GLASS	CURVED GLASS			BOWL	FLAT/CURVED
NX 6610	NX 6710	NX 7710	EMPTY	E40	4,20	4,40
NX 6623	NX 6723	NX 7723	250W HPS	E40	8,80	9,00
NX 6624	NX 6724	NX 7724	400W HPS	E40	10,20	10,50
NX 6634	NX 6734	NX 7734	250W MBI	E40	8,80	9,00
NX 6635	NX 6735	NX 7735	400W MBI 4,20A	E40	10,20	10,50
NX 6669	NX 6769	NX 7769	400W MBI 3,40A	E40	10,20	10,50
NX 6644	NX 6744	NX 7744	250W MBF	E40	8,80	9,00