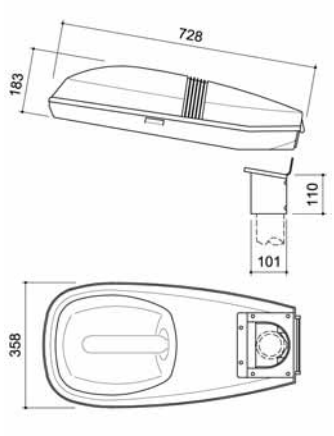
ARIVA 2®

ROAD LIGHTING

LAMP COMPARTMENT
IP 66

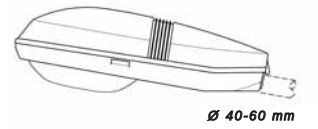
ELECTRIC COMPARTMENT
IP 65

RANGE:
Ariva 2® uses the latest technology in design and manufacturing in bringing a refined and timeless design with an outstanding optical performance and a high degree of ingress protection IP 65. The sleek shape of Ariva 2 blends harmoniously the modern and traditional architecture alike, lending an overall impression of elegance to the cityscape. Ariva 2 , the ultimate road lighting solution from Nordex, offers the total solution that combine elegance with functionality and easy maintenance.
Can accommodate 150 W/250 W/400 W HPS, MBI, and 250W MBF lamps.

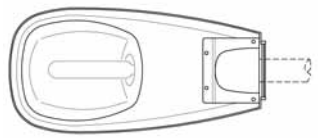


APPLICATION:
Ariva 2® is a high performance fitting designed for lighting motorways and major traffic routes.

CONSTRUCTION:
The housing (body and top cover) is manufactured with die-cast recyclable aluminium alloy and finish with super thermoset polyester powder coat paint, 2.5 mil. nominal thickness, applied over a chromate conversion coating ; 2500 hours salt spray test endurance rating for outdoor uses. The body is painted RAL 7030 and the top cover RAL 7035. The housing consists of three completely separate compartments: The lamp and reflector compartment , the gear compartment and mounting compartment. Ariva 2® is a versatile fitting that enables you to use a thermally toughened 4 mm. flat glass or a curved glass.
All gaskets are made of anti age, tropicalised and weather resistant silicon rubber.



ELECTRICAL:
Gear Compartment :
All electrical accessories are completely pre-wired on a removable and replaceable gear tray and requiring only the connection of the electrical power supply cables to the terminal and the earth continuity conductor to the earthing terminal (Class I). The metal gear tray and all other metal parts accessible when the luminaire is opened for maintenance are permanently connected to the earthing terminal. The gear compartment can be easily accessed by opening the top cover (canopy) of the luminaire. It can also accommodate the dimming control gear or photocell . High temperature silicon insulated conductors (1.5 sq mm) are used throughout.
Electrical connections are accessed by plug and socket type connection/terminal block. In this way the incoming mains supply cables need not be removed when removing the electrical control gear tray.
An electrical safety micro disconnector can be provided (as an optional) to disconnect the mains supply on opening the luminaire for maintenance purposes. The gear tray can be either fixed to the body or to the top cover. and can be made of zinc coated steel (Class I) or glass reinforced nylon (Class II) on request.

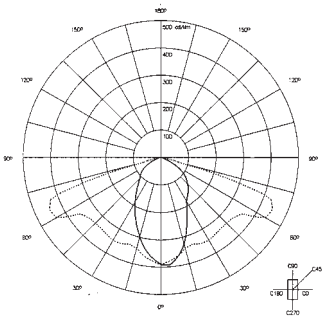


Lamp and Reflector Compartment:
The lamp and reflector compartment comprises the lamp holder unit and the reflector. The lamp holder housing is made of die-cast aluminium alloy and attached to the reflector with an special silicon gasket and carry an carbon active breathing filter. The lamp holder can be easily adjusted horizontally (towards the axis of the road) to attain a very exact directional beam control and to suit different road width. This system is a unique and effective feature which helps bring light where it is most needed.
The outstanding optical performance is due to the high purity (99.85%), electrically brightened, anodised and chemically treated hydro formed, faceted aluminium reflector.
To design this reflector has been used the latest CAD software to define the final and best geometry to get the best performance and light distribution.
The reflector is designed in such a way as to maximize spacing between poles, light uniformity and luminance.
The lamp and reflector compartment has been specially designed to get a very high (IP 66, dust tight and jet water proof) ingress protection.

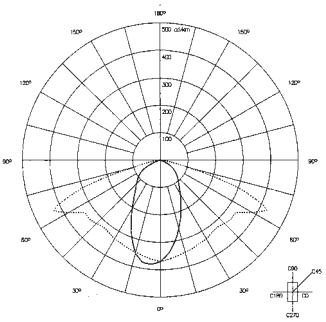
MAINTENANCE:
Quick and easy maintenance are important in contributing to cost saving. Luminaire maintenance during the day is not only risky, but also obstructive to traffic . Night time maintenance is the option, but a costly one. The ideal solution is to have a maintenance free fitting, but since this is not practically possible, a luminaire which can be maintained by engineers in a matter of minutes and in very long interval of time could be the right solution; this is the aimed that Nordex has achieved by designing Ariva 2.

MECHANICAL:
Suitable for either side entry (diameter 40 – 60 mm) as standard or post top (diameter 60-80 mm)as an optional.

SPECIFICATION:
Designed to comply to the following European Standards: IEC 598/ENEC60598-CEI 34-21.
Aerodynamic Resistance (CXS) : 0.114 sq.m.



HPS 250W
Curved Glass



HPS 250W
Flat Glass

ORDERING DATA

CODE N°		LAMP	LAMP HOLDER	WEIGHT
FLAT GLASS	CURVED GLASS			
NX 7500	NX 8600	EMPTY	E40	11,20
NX 7501	NX 8601	150 W HPS	E40	13,40
NX 7502	NX 8602	250 W HPS	E40	14,20
NX 7503	NX 8603	400 W HPS	E40	15,80
NX 7504	NX 8604	250 W MBI	E40	14,20
NX 7505	NX 8605	400 W MBI - 4,20 A	E40	15,80
NX 7506	NX 8606	400 W MBI - 3,40 A	E40	15,80
NX 7507	NX 8607	250 W MBF	E40	13,40