





RANGE

This comprehensive range of shallow profile industrial luminaires offers an effective solution to a wide variety of lighting applications. Versions are available for use with many different high intensity discharge lamps i.e. 150W/250W/400W HPS, 250W/400W MBI and MBF.

APPLICATIONS

This luminaire allows the use of energy saving discharge lamps at comparatively low mounting heights or in situations where a shallow luminaire is required such as in areas using overhead cranes or below mezzanine. The wide range of accessories available extend the use of this luminaire into DIY/furniture warehouses, sports halls etc. For sports halls wire guard can give the ultimate protection against impact. The wide range of lamp options enable selection of the optimum combination of lamp efficiency and colour rendering to suit many different applications.

CONSTRUCTION

The luminaire body is formed of robust zinc treated sheet of steel. A frame which hinges to the luminaire body provides safe fixing of the gear tray and accessories i.e. louvre, wire guard or protection glass and facilitates lamp changing. The gear tray can be removed during fixing of the luminaire body to allow quick and easy installation. The high purity dimpled aluminium reflector is designed to optimize the output of modern tubular discharge lamps. The luminaire body is finished in a durable powder coated polyester white paint.

ELECTRICAL

Control gear is rated 230V or 240V 50Hz as standard. HPS and MBI circuits are fitted with superimposed pulse electronic ignitors as standard, minimizing the possibility of ballast failure in prolonged operation with a failed lamp inserted. A three pole terminal block for mains connection is provided. High temperature silicon insulated conductors are used throughout.

MECHANICAL

"Keyholes" are provided in the rear of the luminaire body to facilitate use of 20mm conduit entry/suspensions or standard hooks for chain suspension. Surface mounting or B.E.S.A. box attachment can also be achieved by use of the suspension bracket. This bracket can also be used for direct mounting to trunking systems when only short reach suspension bushes are available.

ACCESSORIES

Wire guard: a flat wire guard for impact protection.

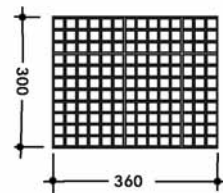
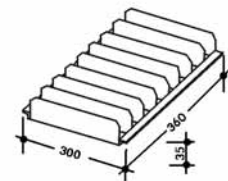
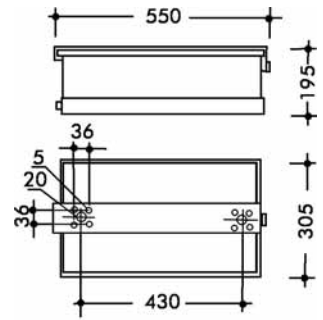
Tempered glass: to contain fragments in the event of lamp fracture.

Louvre: a white louvre to provide additional glare control.

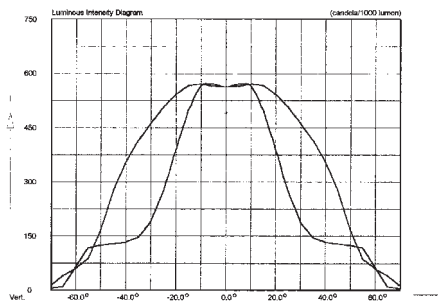
Anti black-out lamp sensor: an electronic sensor detects a failed or extinguished lamp due to mains interruption induced restriking delay. An integral auxiliary lamp is switched on to provide safety illumination. When the main lamp is on, the auxiliary is automatically switched off.

SPECIFICATION

Designed in accordance with the following Standards: CEI 34-21 and EN60598-1.

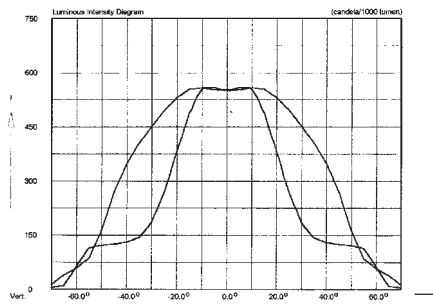


Cartesian Intensity Diagram



250 W MBI-T

Cartesian Intensity Diagram



400 W MBI-T

ORDERING DATA

SOLAR	LAMP	LAMP HOLDER	WEIGHT KG
NX 5210	EMPTY	E40	5,10
NX 5232	150 W HPS	E40	9,00
NX 5242	250 W HPS	E40	9,80
NX 5262	400 W HPS	E40	11,40
NX 5251	250 MBI	E40	9,80
NX 5252	400 MBI	E40	11,80
NX 5272	250 MBF	E40	9,10
NX 5282	400 MBF	E40	10,00
NX 5900	ANTI BLACK-OUT SYSTEM		
NX 5201	WIRE GUARD		0,6
NX 5202	LOUVRE		0,9
NX 5203	GLASS		0,9