



SOLAR RECESSED®

LOW BAY LUMINAIRE

LAMP COMPARTMENT
IP 20



RANGE

A low mounting rectangular fitting with glare limitation class 1, which may be used with different high intensity discharge lamps i.e. 150W/250W/400W HPS, 250W/400W MBI, and MBF lamps.

APPLICATIONS

A comprehensive range of light fittings ideal for use in canopies, shopping centres, warehouses, petrol stations, sports halls, and industrial premises. For extra protection in areas such as sports halls you can attach a wire guard. 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 body is formed of robust zinc treated sheet of steel and finished in a durable powder coated polyester white paint. The frame hinged to the luminaire body provides safe fixing of the gear tray and accessories i.e. louvre, wire guard or protection glass. During installation the gear tray can be removed from 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 wide beam bisymmetric reflector directs light where it is needed at the same time produces sufficient illumination for general lighting.

ELECTRICAL

A separate gear tray, but integral part of the main housing, contains all electrical components. The control gear is rated 230V or 240V 50 Hz as standard. HPS and MBI circuits are fitted with superimposed pulse electronic ignitors, 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

The "keyholes" are provided in the rear of the luminaire body to facilitate use of 20 mm 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: wire guard for impact protection.

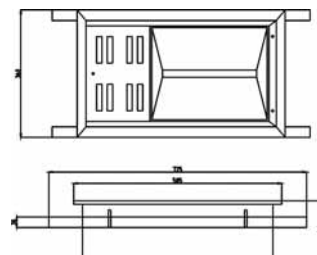
Tempered glass: to contain fragments in the event of lamp fracture.

Louvre: a white louvre to provide additional glare control.

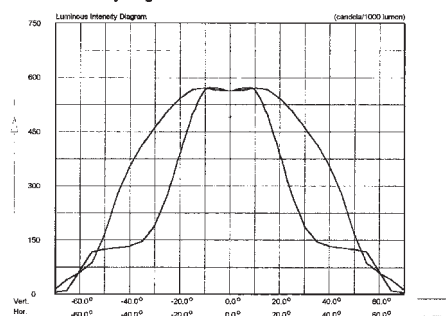
Anti black-out lamp sensor: an electronic sensor detects a failed or extinguished lamp due to mains interruption induced restriking delay. An integral auxiliary lamp is switched on to provide safety illumination. When the main lamp is on, the auxiliary is automatically switched off.

SPECIFICATION

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

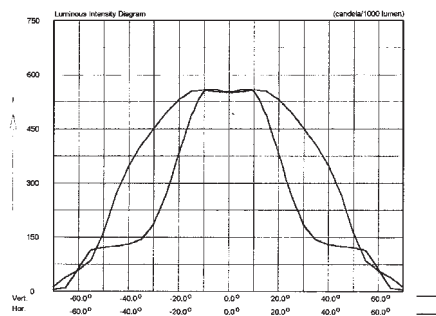


Cartesian Intensity Diagram



250 W MBI-T

Cartesian Intensity Diagram



400 W MBI-T

ORDERING DATA

SOLAR RECESSED	LAMP	LAMP HOLDER	WEIGHT KG
NX 5310	EMPTY	E40	5,20
NX 5332	150 W HPS	E40	7,60
NX 5342	250 W HPS	E40	8,70
NX 5362	400 W HPS	E40	10,00
NX 5351	250 MBI	E40	8,70
NX 5352	400 MBI	E40	10,00
NX 5372	250 MBF	E40	8,70
NX 5382	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

SOLAR RECESSED

HIGH-BAY / LOW BAY LUMINAIRES