

MAXINEX

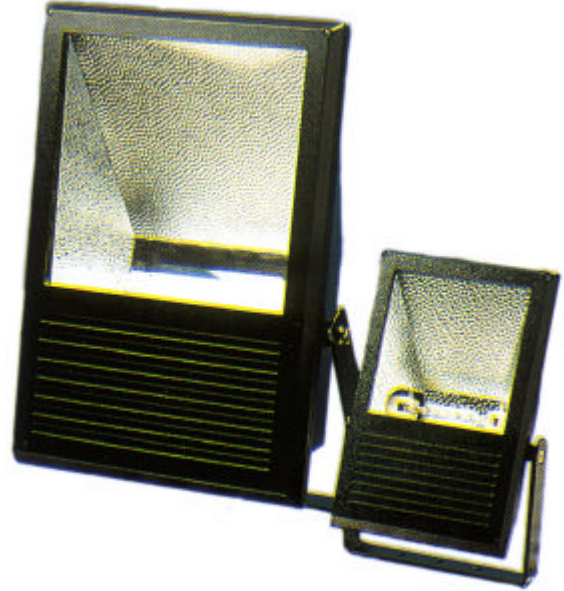
Ex n FLOODLIGHTS

IEC Ex

ZONE 2 APPLICATIONS

The Maxinex range of floodlights provide excellent photometric performance, with 150W to 400W tubular high pressure sodium or metal halide lamps. The protection is Ex nR utilising a restricted breathing enclosure. The asymmetric distribution enables areas to be lit more efficiently with less glare or light pollution. This is because the beam is thrown a long distance whilst avoiding excess light levels under the mounting point and having a precise cut off. Available with a choice of either a narrow or wide beam reflector, the Maxinex offers the opportunity for very effective and efficient lighting schemes to be designed. The enclosure is a robust high pressure die-cast aluminium body with a toughened glass cover in a hinged frame with stainless steel fasteners. The compact design ensures reduced weight and has low windage which helps lower installation costs as it allows more economical support structures.

Suitable for a wide range of ambient temperatures, -45°C to +55°C, dependant on lamp type and wattage.



Standard Specification

Type of Protection:	Ex nR (Restricted Breathing)
Area Classification:	Zone 2 and Zone 22 areas to IEC 60079-10 and 61241-3 with installation to IEC 60079-14 and 61241-1-2
Apparatus Standard:	IEC 60079-15, 61241-1-1
Certificate:	IEC Ex ITS 03.0004
Coding:	Ex nR II (refer to table for T rating and Ambient)
Enclosure:	Black epoxy painted aluminium body and frame with toughened glass window, silicone rubber gasket
Reflector:	Wide beam high purity anodised aluminium
Entry:	2 x 20mm diameter holes
Termination:	3 core 6mm ² max. conductor with looping
Installation:	Stirrup mounting
Control Gear:	Internal copper/iron ballast with ignitor and PFC correction capacitor
Relamping:	Access via front glass cover assembly secured by stainless steel screws
Lamp Type:	HPS or Metal Halide tubular
Lampholder:	E40
Burning Position:	Universal
Ingress Protection:	IP66/67 to IEC 60529
Electrical Supply:	220, 230, 240, 254V 50Hz

Features

- Lightweight
- High corrosion resistance
- All stainless steel fasteners
- Hinged front cover for easy access
- High efficiency asymmetric reflector design
- Low windage 0.25m² (Maxinex)
- Choice of metal halide or high pressure sodium lamps
- Suitable for low temperature applications
- Gost Approved
- Cepel Approved



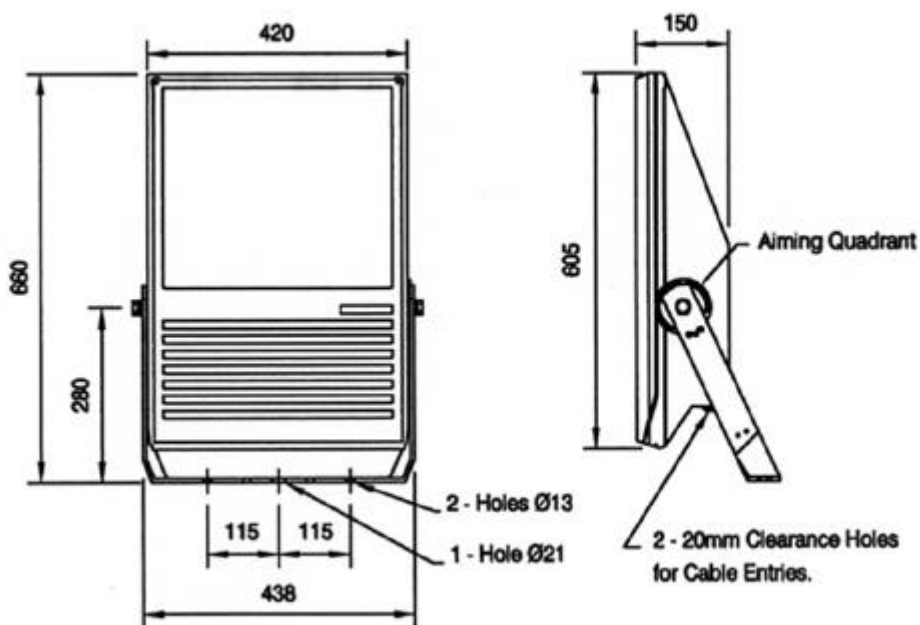
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Std. Cat No.	Wattage	Lamp	Lampholder	T Class	Ambient °C	Weight
MAXN/150/MS	150W	HPS/Metal Halide	E40	T4	55	16kg
MAXN/250/MS	250W	HPS/Metal Halide	E40	T3	55	17kg
MAXN/400/MS	400W	HPS/Metal Halide	E40	T3	45 (HPS)	18.5kg
				T3	30 (MH)	

Options - Suffix to Catalogue No.

/60	60Hz
/D	Zone 2 and 22 Dust applications
/TI	Timed ignitor



MAXINEX

Accessories (Should be ordered separately)

Catalogue Order Code

Pole mounting bracket - Maxinex

SMAX1-0001



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