



Recommended maximum aiming angle 20°
from horizontal plane

The Maxinex is a lightweight asymmetric floodlight. Its compact design ensures low wind resistance so is ideal for high mast applications. The reflector design allows light to be thrown forward long distances whilst still lighting below the pole.

The Micronex is a compact version ideal for directional control lighting at low mounting heights such as perimeter lighting and loading areas.

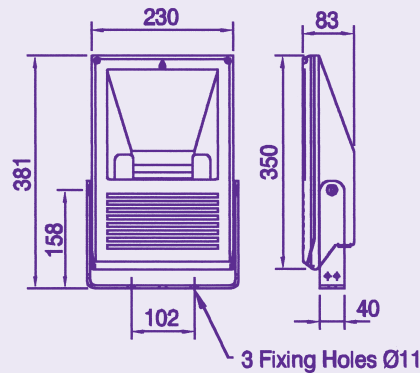
Standard Specification		Features	
Type of Protection	Ex nR (Restricted Breathing)	Photometrically superior asymmetric reflector design	
ATEX Classification	Group II Category 3 G		
Area Classification	Zone 2 and Zone 22 areas to EN 60079-10-1 and EN 60079-10-2 with installation to EN 60079-14	Low windage of 0.08m ² (Micronex) and 0.25m ² (Maxinex)	
Certificate	Maxinex: Type Examination Certificate BAS97ATEX4368 Micronex: Type Examination Certificate BAS98ATEX3054	High corrosion resistance	
Coding	⊕ II 3 GD Ex nR II (Maxinex) ⊕ II 3 G Ex nR II (Micronex) Refer to table for T rating and Ambient	All stainless steel fasteners	
Enclosure	Black epoxy painted aluminium body and frame with toughened glass window, silicone rubber gasket	Hinged front cover for easy access	
Reflector	Wide beam high purity anodised aluminium	Choice of metal halide or high pressure sodium (HPS) lamps	
Entry	Maxinex: 2 x 20mm diameter holes Micronex: 1 x 20mm diameter holes	Suitable for low temperature applications	
Termination	Maxinex: 3 core 6mm ² max. conductor with looping Micronex: 3 core 6mm ² max. conductor	Option available for Zone 22 combustible dust environments (Maxinex only)	
Installation	Stirrup mounting	International Approvals	
Windage	0.029m ² (Micronex), 0.090m ² (Maxinex)		
Control Gear	Internal copper/iron ballast with ignitor and PFC correction capacitor		
Relamping	Access via front glass cover assembly secured by stainless steel screws		
Burning Position	Universal		
Ingress Protection	IP66/67 to EN 60529		
Electrical Supply	220, 230, 240, 254V 50Hz		
			ATEX and GOST CEPEL (Maxinex only)
			IECEx Compliant (Maxinex only)

Std. Cat No.	Wattage	Lamp	Lampholder	TClass	T°C (Dust)	Ambient °C	Weight
MICN/070/MS	70W	Double Ended HPS/Metal Halide	R7s	T3	N/A	-30 to +40	5.9kg
MAXN/150/MS	150W	HPS/Metal Halide	E40	T4	130	-40 to +55	16.0kg
MAXN/250/MS	250W	HPS/Metal Halide	E40	T3	180	-40 to +55	17.0kg
MAXN/400/MS	400W	HPS/Metal Halide	E40	T3	200	-40 to +45 (HPS)	18.5kg
				T3	200	-40 to +30 (MH)	

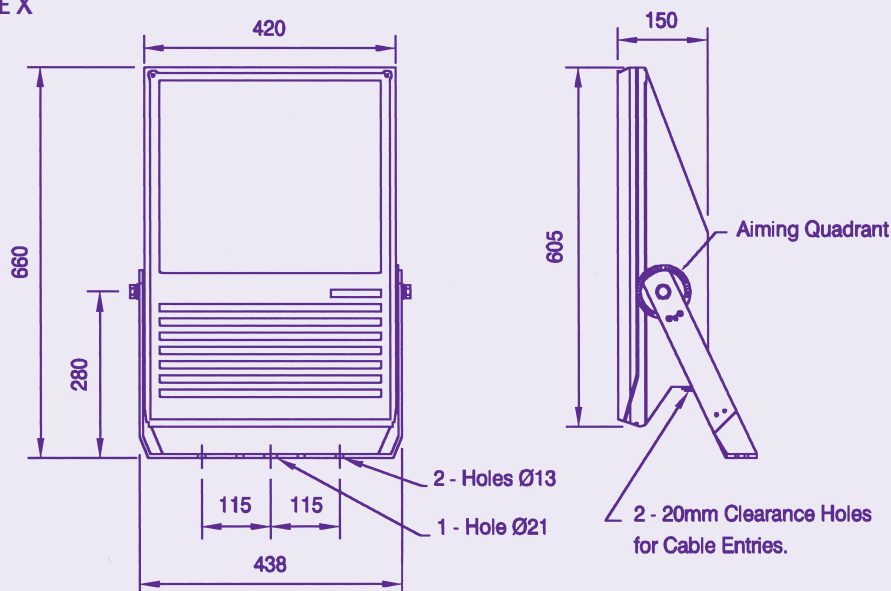
Note: Please specify voltage at time of enquiry/order

Options – Suffix to Catalogue No.			
/60	60Hz	/TI	Timed ignitor (Maxinex only)
/D	Zone 2 and 22 dust applications (Maxinex only)	/IEC	Supplied with IECEx certification label

MICRONEX



MAXINEX



Accessories Should be ordered separately

Catalogue Order Code

Pole mounting bracket assembly - Micronex (48-60mm diameter poles)

SMIC1-0001

Pole mounting bracket assembly - Maxinex (48-60mm diameter poles)

SMAX4-0001

Product design and specifications are subject to change without notice, please check the Chalmit website for latest specifications.

