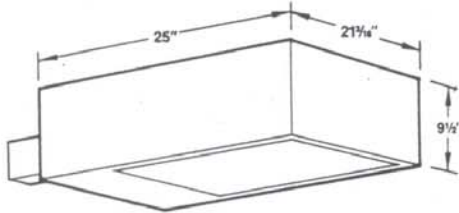


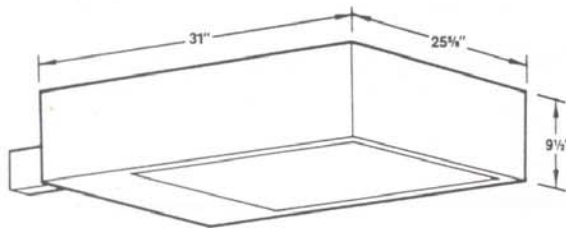
## FIXTURES

The Magnetic lighting is available in 2 sizes. The Magnetic lighting is designed for an 8 light court, or 4 light paddle court. The Super magnetic is designed for a 6 light court, where the poles are spaced farther apart, excellent lighting is achieved as The super Magnetic lighting has a wider light distribution. The super Magnetic Net Set can also be used on an 8 light court, where additional lighting/foot-candle levels are desired. These fixtures are also excellent for other sports facilities such as volleyball courts, basketball courts, and multi purpose sport courts.



Standard Net Set

EPA  
1.65



Super Net Set

EPA  
2.04

(Drawings not to scale)

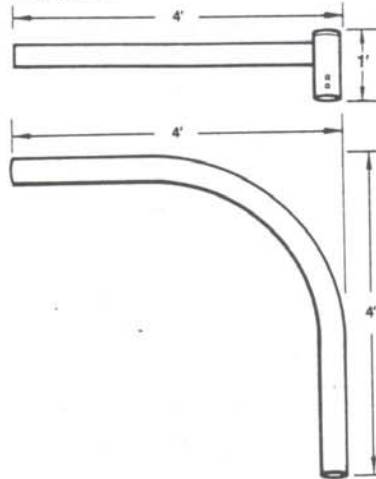
## SPECIFICATIONS

**Housing** - All aluminum, heavy duty, continuous welded, waterproof, UL listed "for wet locations" cannot rust. A heavy galvanized steel plate is bolted inside fixture at the mounting arm joint for extra strength to withstand heavy winds. Aluminum partitions are installed between transformer, bulb and arm for cooler operation of these components. This construction is stronger than die-cast aluminum.

**Optical Chamber** - A front throw cut-off reflector is specially designed for tennis lighting. Consists of a 3-piece scoop-type reflector, die-formed from marriage of diamond-embossed aluminum and smooth coilazad. This synergistic design is a much more effective method of diffusing light evenly, while minimizing glare, than any to dare. They produce a square pattern of light.

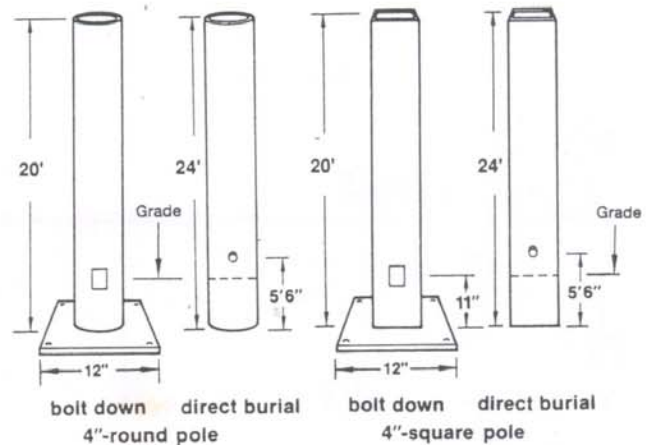
**Lens and Frame Assembly** - Lens consists of a 3/16" tempered, high impact heat-resistant glass. The frame and lens are moisture sealed by 2 closed cell neoprene gaskets. The lens frame is one-piece die formed 16 gauge aluminum. It is secured by 2 quarter screws for easy maintenance. The lens frame opens on a full-length heavy duty aluminum piano hinge.

## ARMS



Rectangular arm is furnished; Davit arm available, consult factory

## POLES



**Electrical Components** - All components are of the highest quality obtainable and UL listed. "quick service power door" available upon request. All ballast are CWA high power factor regulating auto-transformers, starting at -20°F. They are available in metal halide, mercury vapor and pressure sodium vapor. All wattages and voltages are available.

**Fixture Mounting Arm** - A one-piece rectangular steel tube for strength with slipfitter welded to it to fit any pole size. Galvanized 1/2" setboits hold it in place. Cap is furnished with it to keep out moisture. Standard length 4', other lengths available, consult factory.

**Socket** - is glazed porcelain with silver coated 600 V contacts, mogul base, spring loaded.

**Finish** - Is powder coat and baked. Standard colors are dark green, green custom color to your specs, are available, consult factory.

All fixture are Underwriters Lab approved for wet locations, as a complete unit.

All fixtures are factory-tested before shipment

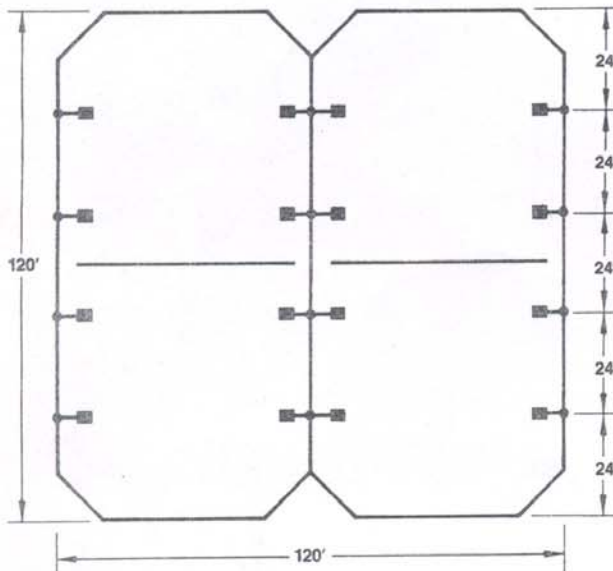
Magnetic lighting, the leader in tennis lighting, worldwide, for over 30 years, presents the MAGNETIC Net Set light, for tennis court lighting.

The super MAGNETIC Net Set is specifically designed by illuminating engineers for tennis court lighting. Because of our unique reflector design, play is enhanced by even light distribution and low glare, while maintaining the highest illumination level on the playing-surface.

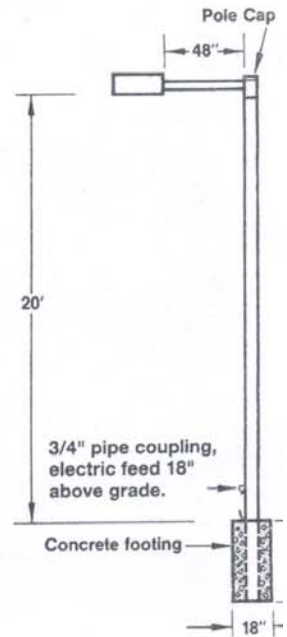
1000 watt metal halide and 1500 watt metal halide are the preferred wattages and lamp source to use. Metal halide lamps emit a beautiful white light, so vision and detail are superior than other lamp sources.

Our fixture is designed for easy installation and maintenance. The mounting arm slips over the top of the pole, and is secured by 2-1/2" set bolts. A removable pole cap is provided, to "make up and connect" wires at the top. The fixture has a "tailpiece" that slips over the mounting arm, and is secured by 2-1/2" hex set bolts.

## TYPICAL COURT LAYOUTS

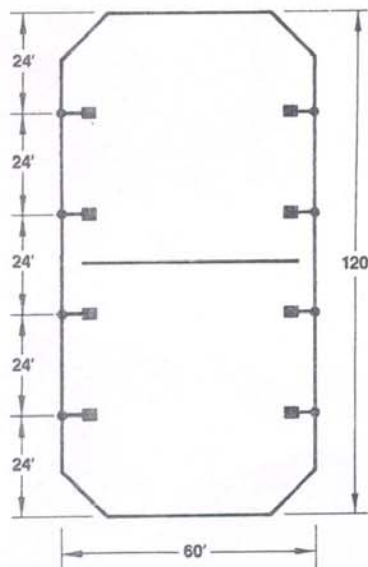


Side-by-Side Tennis Court Layout

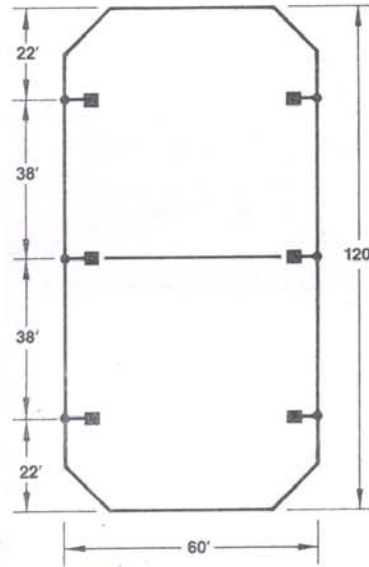


Recommended height for 8 light system — 20'. For 6 light system — 20'. Courts may be lighted at lower heights where restricted, by local ordinance.

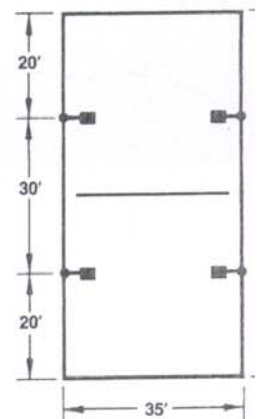
Minimum pole size: 3 1/2" O.D. structural steel.



8 Fixture  
Tournament Play Layout  
(Standard Net Set or  
Super Net Set)



6 Fixture Hotel  
or Home Play Layout  
(Super Net Set Recommended,  
May Use Standard Net Set)



Paddle Court Layout  
(Standard Net Set or  
Super Net Set)

10, 12, 16 and 24 Fixture Layouts are Available for Tournament/Television Applications, Consult Factory.

(Drawings not to scale)

# MAGNETIC LIGHTING CORP