



NAIM Series

Internally Illuminated Traffic Intersection Marker System



The NAIM Series was developed to satisfy a growing need to update traffic intersection identification systems. The NAIM Series has the visual performance to provide excellent target value with legibility to the average eye at 150 metres, allowing approaching vehicles ample time for maneuvering at closing speeds to 70 k.p.h.

- **150 metre LEGIBILITY**
- **WINDLOAD DUMP FEATURE**
- **MINIMUM MAINTENANCE**

MAIN BODY:

Top and bottom pan are extruded aluminum with a minimum wall thickness of 2mm. Top pan incorporates drip guards overhanging the panel face to offer protection from precipitation. Top and bottom pan are welded continuous to end castings to complete a weather-resistant seal.

END CASTING:

Cast from 356 aluminum alloy with low copper content.

BALLAST:

Ballast is high power factor, single lamp, 200 MA, 120 volt/60 cycle. One ballast per single lamp fixture; two ballasts per double lamp fixture. Combination of 200 MA ballast and T12 lamp improves rated 0° starting and increases rated lamp life from 12,000 hours to approximately 18,000 hours.

LAMP:

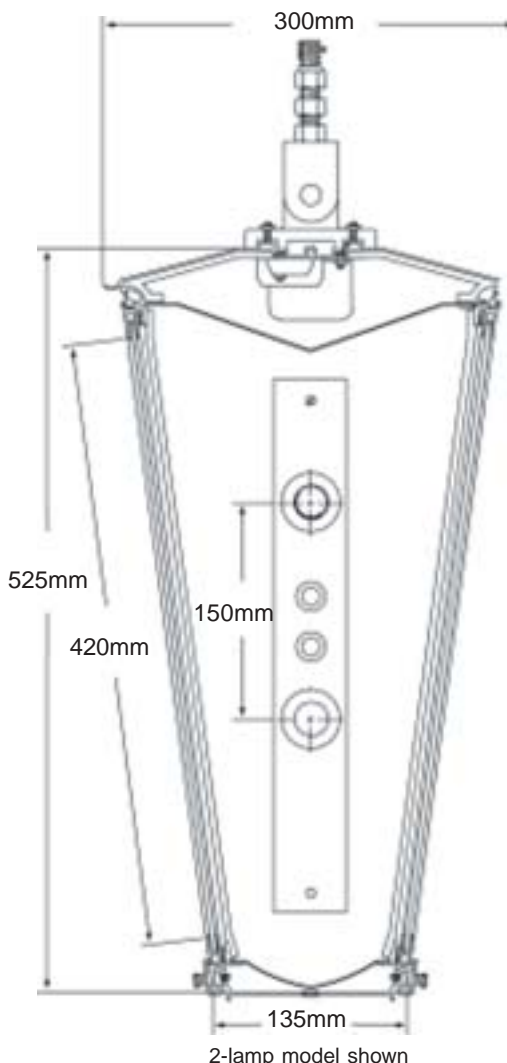
Each sign is supplied with one or two T12 cool white fluorescent lamps which meet the requirements of ANSI standard C78.

SIGN PANELS:

Sign panels are white translucent, high impact resistant, glass fiber reinforced acrylic resin. Interstate green background is silk screened, then panel is laminated with a clear tedlar film to protect the legend from scratches and filter out ultraviolet radiation. Entire lens is framed and gasketed including a full length extruded aluminum hinge for straight line travel and positive positioning to provide exceptional sealing.

MOUNTING ASSEMBLY:

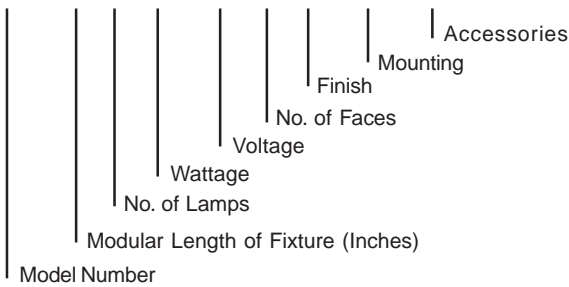
Fixture mounting blocks are designed to provide lateral adjustment on the fixture top pan. Hanging brackets are provided to enable leveling to either davit or horizontal mast arms. Entire assembly enables fixture to swing freely on bronze bushing to reduce wind load factors on mast arm. Occasional maintenance, consisting of lightly oiling of mounting block, is required in areas of high salt spray concentration.



ORDERING INFORMATION

SAMPLE ORDERING SEQUENCE:

NAIM-48-1-200-120-S-NA-XXX-XXX



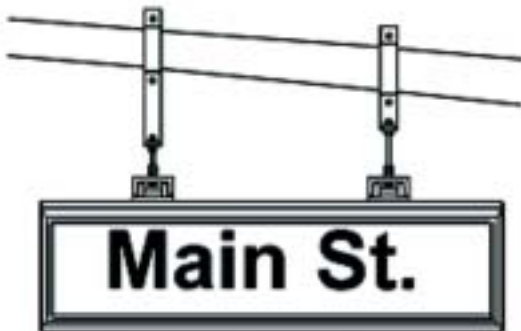
MODULAR LENGTH	NO. OF LAMPS	NO. OF FACES	
1220mm	1	S	Single Face
1830mm	2	D	Double Face
2438mm	760mm H x 1828mm W (3 Lamps - Standard)		
760mm H x 1828mm W (3 Lamps - Standard)			

MOUNTING		ACCESSORIES	
MA	Mast Arm Mount (Standard)	PEC	Photo Electric Cell
SSWL	Single Strap	PCR	Photo Cell Recepticle Only
DSWL	Double Strap	CC43	90 Connector, 4' SJT 3 conductor cord
SWC	Span Wire Cable Mount	CC44	90 Connector, 4' SJT 4 conductor cord

Standard legend is 200mm UC / 150mm LC white letters on green background.
 Contact factory for special legend requirements.
 Fixture supplied with lamps and 90° connector.
 Fixture supplied with standard mast arm mounting (Maximum 325mm dia.)

MOUNTING INFORMATION

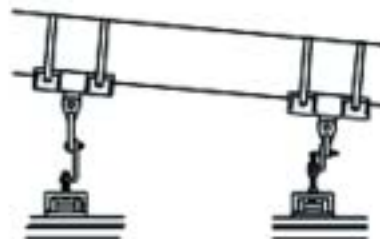
Mast Arm Mounting (STANDARD)



Span Wire Cable Mount (SWC)



Single Strap (SSWL)



Double Strap (DSWL)

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**NSAI
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