

MUNDIAL

A high specification, high performance metal halide floodlight ideal for sports field and stadium lighting, both indoor and outdoor.

- Choice of lamps giving flexibility in lumen package, CRI factor and color temperature.
- Computer optimized optical system giving asymmetric distribution for side lighting
- Rear relamping without luminaire being moved from its locked-in aiming position.
- Automatic power interruption when relamping.
- Shutter/lite shade available.
For hot restrike - consult factory.
- Suitable for wet locations.
- Choice of gray or bronze (other colors available - consult factory).
- Remote ballast assembly.

Lamps (Included)

2000W Linear Metal Halide (MH)

For 1000W/1500W Metal Halide - consult factory.

Materials/Finish

Housing: Marine grade - copper free, die cast aluminum in gray or bronze finish.

Front glass: Heat and impact resistant tempered glass.

Yoke: Unpainted galvanized steel.

Installation/Mounting

Lamp housing may be mounted by (2) or (3) 1/2" bolts through yoke to designated structures. Optional pole fittings and accessories available - consult factory.

Ballast assembly remotely mounted and supplied with SEOW cord.

Optical System

Cylindrical parabolic reflector with baffle and lamp positions for range of lamps.

Standard

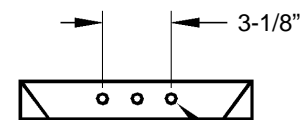
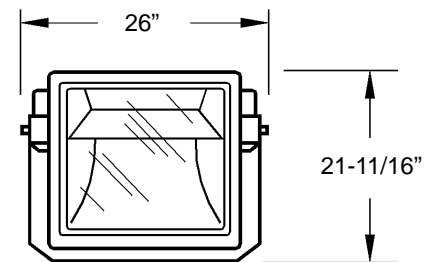
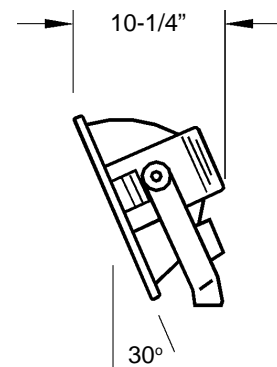
ETL Listed - Wet Location.

Specification

To specify state:

A 2000kw linear metal halide floodlight for double ended lamp. Marine grade copper free die cast aluminum with cylindrical parabolic optical system include baggle with three lamp positions (narrow, medium, and wide distribution). Rear access to lamp with automatic power interruption.

As North Star Mundial series.



WEIGHT: 32 lbs

EPA: 2.8 sq. ft.

(3) 9/16" DIA.
HOLES



NORTH STAR LIGHTING INC.

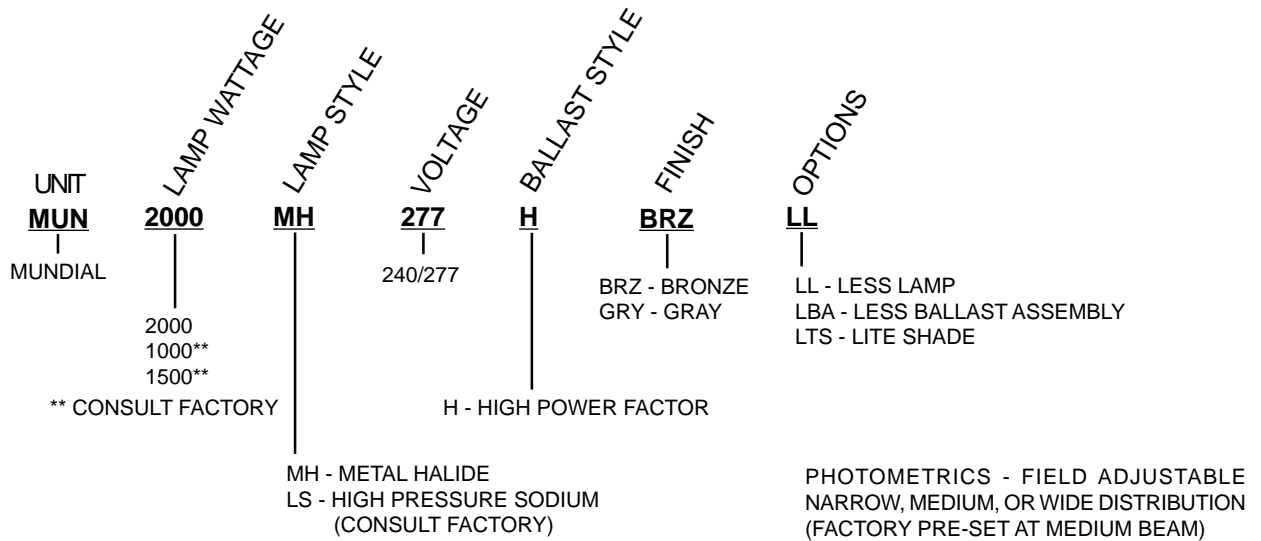
2150 PARKES DRIVE ♦ P.O. BOX 6038 ♦ BROADVIEW, ILLINOIS ♦ 60155-6038 ♦ 708-681-4330 ♦ FAX 708-681-4006

Web Site: www.nslights.com

THORN

MUNDIAL

ORDERING EXAMPLE (Select desired item from each column)



NORTH STAR LIGHTING INC.

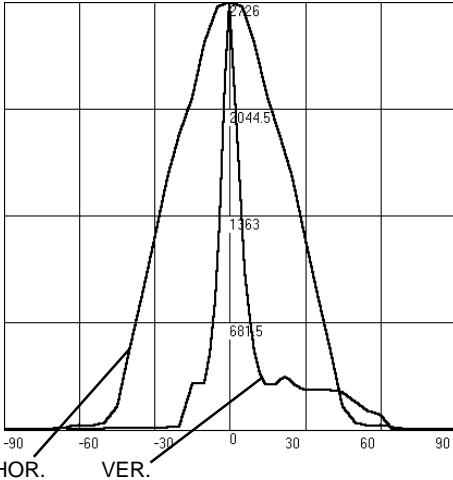
2150 PARKES DRIVE ♦ P.O. BOX 6038 ♦ BROADVIEW, ILLINOIS ♦ 60155-6038 ♦ 708-681-4330 ♦ FAX 708-681-4006

Web Site: www.nslights.com

THORN

PHOTOMETRICS

CANDELA TRACES



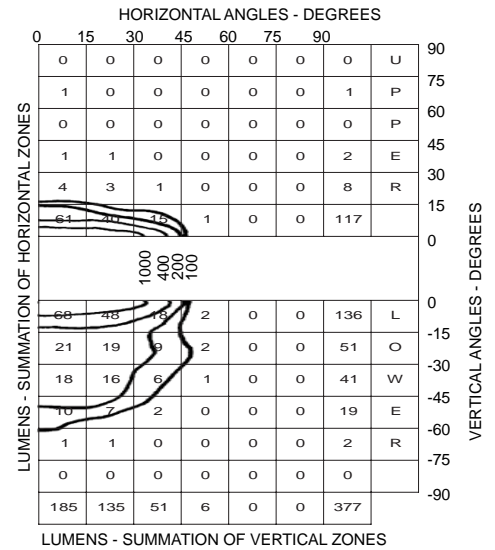
FIXTURE: MUN-2000N
LAMP: 2000 Watt MBIL

IES TYPE	5H x 3V
MAX CANDELA	2726
HOR FIELD ANGLE (10%)	86.5 deg
VER FIELD ANGLE (10%)	43.0 deg
FIELD LUMENS	544
FIELD EFFICIENCY	54.4%
TOTAL LUMENS	728
TOTAL EFFICIENCY	72.8%

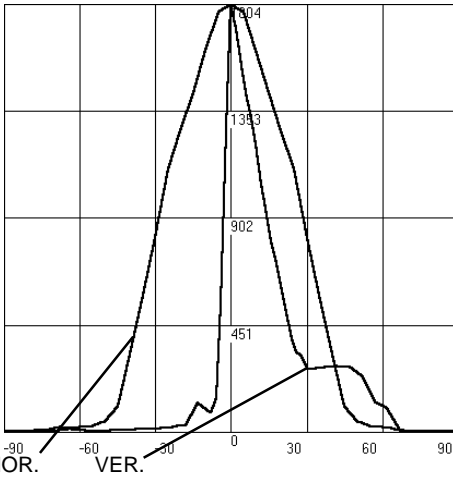
CANDELA & LUMEN VALUES ARE BASED ON 1,000 LAMP LUMENS. FOR OTHER LAMP LUMEN RATINGS, MULTIPLY CANDELA AND LUMEN VALUES BY THE NUMBER: LUMENS DIVIDED BY 1,000.

PER 1,000 LAMP LUMENS

ISOCANDELA CURVE / LUMEN DISTRIBUTION



CANDELA TRACES



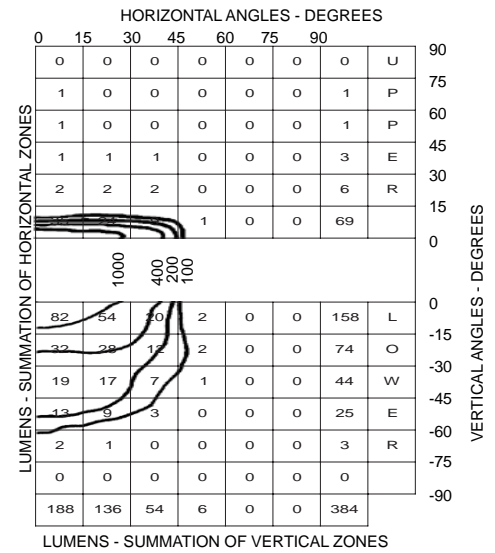
FIXTURE: MUN-2000M
LAMP: 2000 Watt MBIL

IES TYPE	5H x 4V
MAX CANDELA	1804
HOR FIELD ANGLE (10%)	86.7 deg
VER FIELD ANGLE (10%)	60.4 deg
FIELD LUMENS	666
FIELD EFFICIENCY	66.6%
TOTAL LUMENS	714
TOTAL EFFICIENCY	71.4%

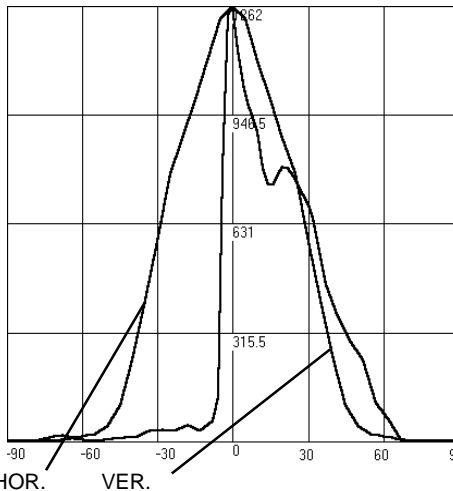
CANDELA & LUMEN VALUES ARE BASED ON 1,000 LAMP LUMENS. FOR OTHER LAMP LUMEN RATINGS, MULTIPLY CANDELA AND LUMEN VALUES BY THE NUMBER: LUMENS DIVIDED BY 1,000.

PER 1,000 LAMP LUMENS

ISOCANDELA CURVE / LUMEN DISTRIBUTION



CANDELA TRACES



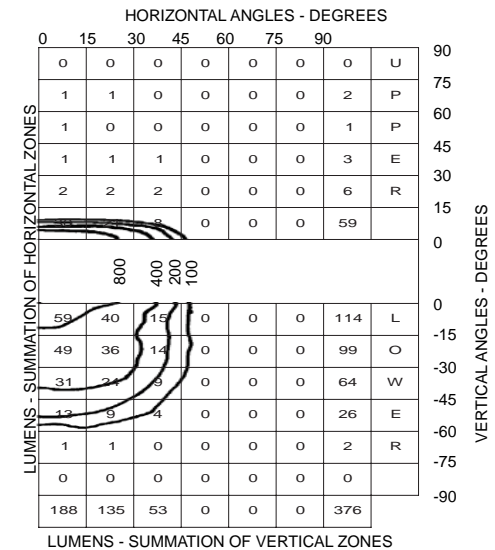
FIXTURE: MUN-2000W
LAMP: 1000 Watt MBIL

IES TYPE	5H x 4V
MAX CANDELA	1262
HOR FIELD ANGLE (10%)	88.5 deg
VER FIELD ANGLE (10%)	62.6 deg
FIELD LUMENS	682
FIELD EFFICIENCY	68.2%
TOTAL LUMENS	704
TOTAL EFFICIENCY	70.4%

CANDELA & LUMEN VALUES ARE BASED ON 1,000 LAMP LUMENS. FOR OTHER LAMP LUMEN RATINGS, MULTIPLY CANDELA AND LUMEN VALUES BY THE NUMBER: LUMENS DIVIDED BY 1,000.

PER 1,000 LAMP LUMENS

ISOCANDELA CURVE / LUMEN DISTRIBUTION



NORTH STAR LIGHTING INC.

2150 PARKES DRIVE ♦ P.O. BOX 6038 ♦ BROADVIEW, ILLINOIS ♦ 60155-6038 ♦ 708-681-4330 ♦ FAX 708-681-4006

Web Site: www.nslights.com

THORN