

PALLADIUM

Ideal for Architectural Lighting Projects where a low profile luminaire is required. Can be surface mounted to building ledges or overhangs for wall or facade lighting.

- The Palladium Series includes a rotatable lamp housing and ballast assembly mounted on an aluminum base and covered by an removable outer housing. (Outer Housing Optional, but recommended for areas accessible by non service personnel).
- The Lamp housing may be rotated 350 degrees and tilted up to 30 degrees.
- The Lamp housing contains a porcelain pulse rated, adjustable bi-pin socket which permits beam spread adjustments from medium to wide beam.

Lamps

150W T-6/G12 Arcstream (GE)

70W and 150W T-6/G12 Constant Color (GE) or Master color (Philips) - Electronic Ballast required.

Materials

Lamp Housing: Die cast aluminum housing.

Base Plate: 3/8" aluminum

Outer Housing: 2pc .080 aluminum.

Reflector: One piece hydroformed multi-faceted anodized aluminum reflector which will produce a beam distribution of 64°H x 69°V to 117°H X 124°V .

Ballast: 120 or 277 volt High Reactance High Power Factor (HX-HPF) or electronic

Lens: Hinged die cast aluminum lens frame with a heat and impact resistant tempered glass lens.

Installation/Mounting

Surface Mount.

Base Plates includes 4 mounting holes with a 7/8" feed hole into the ballast compartment.

Standards

UL listed - Wet Location.

Min 4'0 above grade

Specification

To specify state:

North Star Palladium Series luminaire shall be for operation of a 70 or 150 watt T-6/G12 Metal Halide lamp with a 120 or 277 volt . The luminaire shall be completely prewired with a multi-faceted anodized aluminum reflector, hinged die cast aluminum lens frame and an integral electrical interlock switch. Drain holes shall be located in the base plate, removable outer housing, and lamp housing. The outer housing shall be secured to the base plate by stainless steel mounting screws and includes a safety chain. Unit shall be internally fused.



Luminaire Size
17 3/16L x 11 3/16W x 6 5/8H



NORTH STAR LIGHTING INC.

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

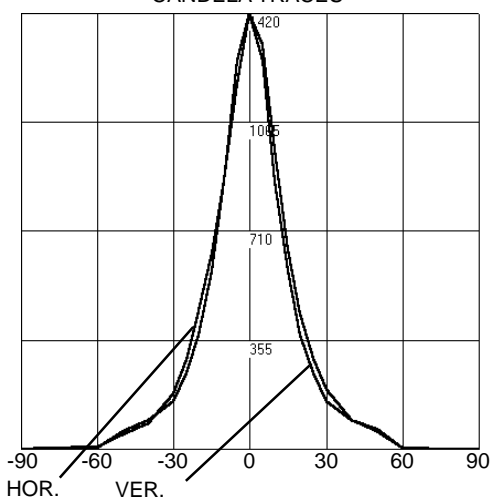
Web Site: www.nslights.com

PALLADIUM ORDERING EXAMPLE (Select desired item from each column)

UNIT PAL	LAMP WATTAGE 70	LAMP TYPE MH	PHOTOMETRICS A	VOLTAGE 120	BALLAST H	ACCESSORIES MH
PALLADIUM	70 150	MH - METAL HALIDE	A - ADJUSTABLE	120 277	H - HIGH POWER FACTOR E - ELECTRONIC	SL - SPREAD LENS HLV - HONEY COMB LOUVER

PHOTOMETRICS

CANDELA TRACES



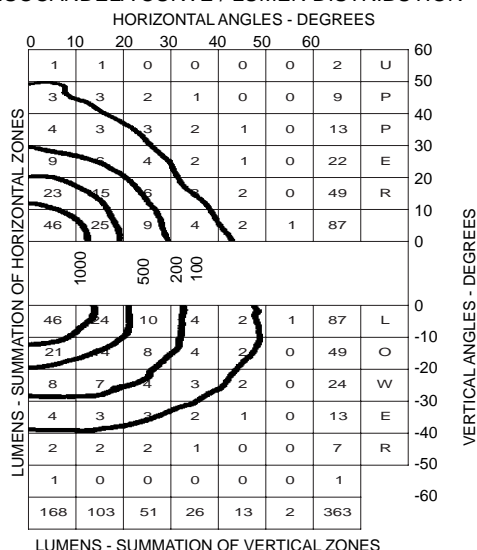
FIXTURE: PAL-150H-A-MEDIUM
LAMP: 150 Watt Metal Halide

IES TYPE	4H x 4V
MAX CANDELA	1420
HOR FIELD ANGLE (10%)	63.9 deg
VER FIELD ANGLE (10%)	69.0 deg
FIELD LUMENS	436
FIELD EFFICIENCY	43.6%
TOTAL LUMENS	566
TOTAL EFFICIENCY	56.6%

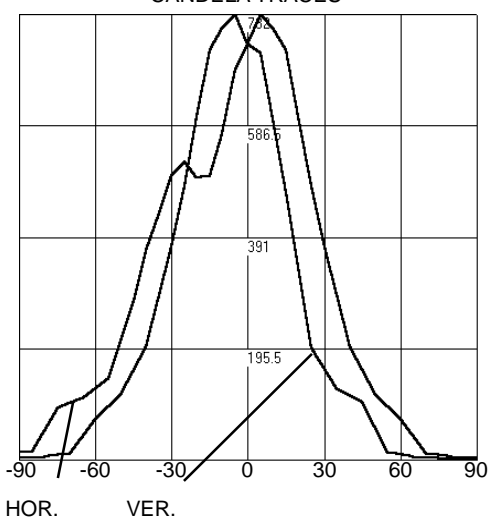
CANDELA & LUMEN VALUES ARE BASED ON 1,000 LAMP LUMENS. FOR OTHER LAMP LUMEN RATINGS, MULTIPLY CANDELA AND LUMEN VALUES BY THE NUMBER: LUMENS DIVIDED BY 1,000.

PER 1,000 LAMP LUMENS

ISOCANDELA CURVE / LUMEN DISTRIBUTION



CANDELA TRACES



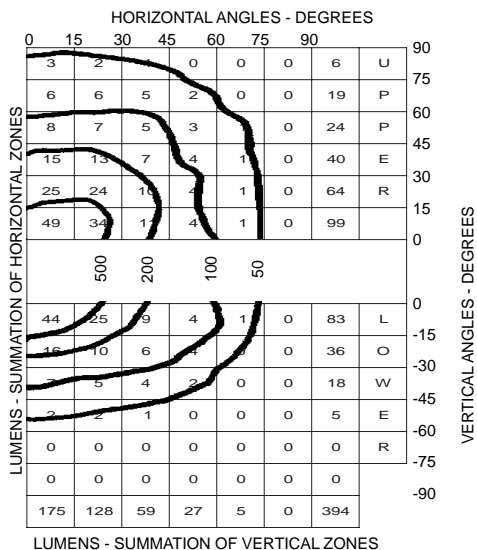
FIXTURE: PAL-150H-A-WIDE
LAMP: 150 Watt Metal Halide

IES TYPE	6H x 6V
MAX CANDELA	782
HOR FIELD ANGLE (10%)	117.1 deg
VER FIELD ANGLE (10%)	124.6 deg
FIELD LUMENS	870
FIELD EFFICIENCY	37.0%
TOTAL LUMENS	912
TOTAL EFFICIENCY	91.2%

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FOR ADDITIONAL INFORMATION - CONSULT FACTORY



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