

DESCRIPTION

The Lumark Nighthawk III utilizes a soft-cornered aerodynamic design to provide excellent EPA ratings and an aesthetically pleasing appearance. Dark bronze polyester powder coat finish assures corrosion resistance and long-lasting aesthetics. U.L. listed and CSA certified for wet locations. The Nighthawk III uses an innovative die-cut optical design which delivers maximum beam control for storage areas, rail yards, loading docks and building perimeters.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Construction

LATCHES: Formed aluminum flush draw-action latches offer easy access to lamp compartment without tools and maintain integrity of seal when closed.
HOUSING: Aerodynamically designed die-cast aluminum housing has low EPA rating.
DOOR: Die-cast aluminum with integral cast hinges for removal without tools.
GASKET: Door gasket is foam-in-place silicone, providing maximum protection of interior components from the elements.

Electrical

BALLAST: Ballast components are hard mounted to fixture housing for maximum heat dissipation and extended component and lamp life.

Optical

LENS: Heat- and impact-resistant tempered glass. Lens is mounted flush with door surface to reduce wind drag and prevent dirt or moisture from accumulating.
REFLECTOR: Computer designed die-cut reflector system delivers superior beam control and efficiency.

Mounting

Slipfitter: Die-cast aluminum integral slipfitter mounts on nominal 2 3/8" or 3" O.D. tenons. A degree-marked quadrant is cast in for easy and accurate aiming.
Yoke: Heavy-duty steel yoke provides flexibility in mounting from a variety of surfaces.
Trunnion: Die-formed steel trunnion is easily adapted to many areas and allows easy fixture aiming.



NK NIGHTHAWK III

150 - 1000W

Pulse Start Metal Halide

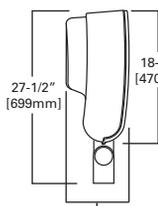
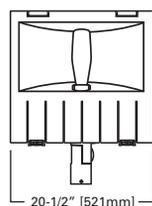
Metal Halide

High Pressure Sodium

SLIPFITTER-, YOKE-, TRUNNION-MOUNT FLOODLIGHT

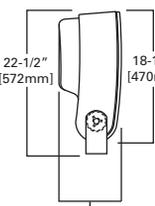
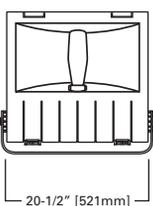
DIMENSIONS

SLIPFITTER-MOUNT



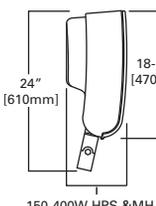
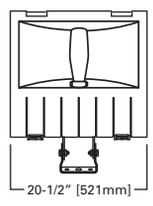
150-400W HPS & MH,
1000W HPS
9-1/2" [241mm]
1000W MH
10-1/2" [267mm]

YOKE-MOUNT



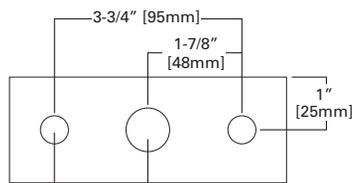
150-400W HPS & MH,
1000W HPS
9-1/2" [241mm]
1000W MH
10-1/2" [267mm]

TRUNNION-MOUNT



150-400W HPS & MH,
1000W HPS
9-1/2" [241mm]
1000W MH
10-1/2" [267mm]

DRILLING PATTERN FOR YOKE- AND TRUNNION-MOUNT



9/16" [14mm] dia. hole (2)
7/8" [22mm] dia. hole

LAMP TYPE	WATTAGE
Pulse Start Metal Halide (MP)	150, 250, 320, 400, 450, 750, 1000W
Metal Halide (MH)	175, 250, 400, 750, 1000W
High Pressure Sodium (HP)	150, 250, 400, 600, 750, 1000W

TECHNICAL DATA

U.L. Wet Location Listed
 CSA Certified
 EISA Compliant ©

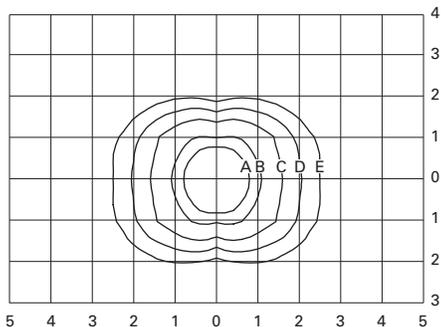
EPA

Effective Projected Area: 2.7

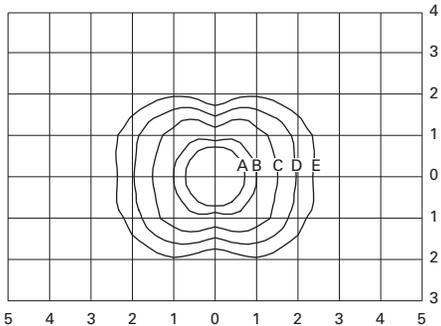
SHIPPING DATA

Approximate Net Weight:
 59 lbs. (27 kgs.)

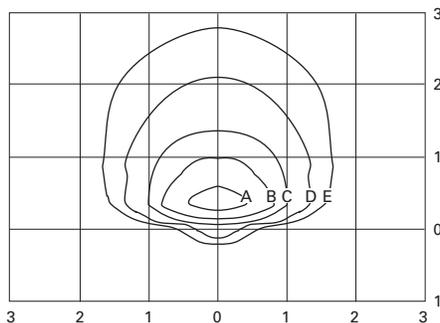
PHOTOMETRICS



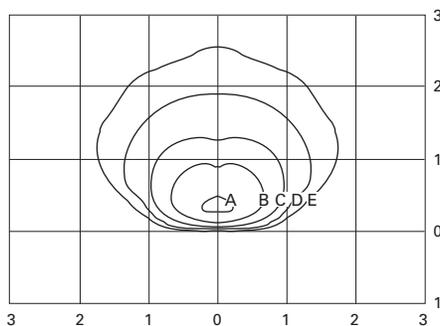
HPNK-X76-400
400-Watt HP
50,000-Lumen Clear Lamp



MPNK-X76-400
400-Watt MP
42,000-Lumen Clear Lamp



HPNK-X76-1000
1000-Watt HP
140,000-Lumen Clear Lamp



MHNK-X76-1000
1000-Watt MH
110,000-Lumen Clear Lamp

Footcandle Table

Select mounting height and read across for footcandle values of each isofootcandle line. Distance in units of mounting height.

Mounting Height	Footcandle Values for Isofootcandle Lines				
	A	B	C	D	E
400W					
20'	10.00	5.00	2.00	1.00	0.50
25'	6.40	3.20	1.28	0.64	0.32
30'	4.44	2.22	0.89	0.44	0.22
35'	3.27	1.63	0.65	0.33	0.16
40'	2.50	1.25	0.50	0.25	0.13

1000W

30'	20.00	10.00	5.00	2.00	1.00
35'	14.69	7.35	3.67	1.47	0.73
40'	11.25	5.63	2.81	1.13	0.56
45'	8.89	4.44	2.22	0.89	0.44
50'	7.20	3.60	1.80	0.72	0.36

EPA Ratings:

Fixture Angle	Wind Direction (sq. ft.)	
	Front	Side
45° from Horizontal	2.7	1.2
90° from Horizontal	4.2	1.2
0° from Horizontal	1.1	1.2

