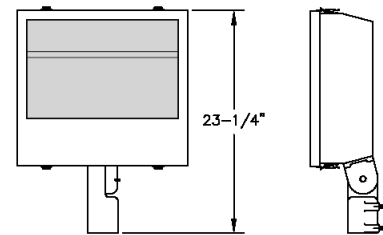
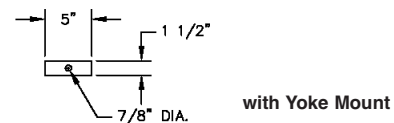
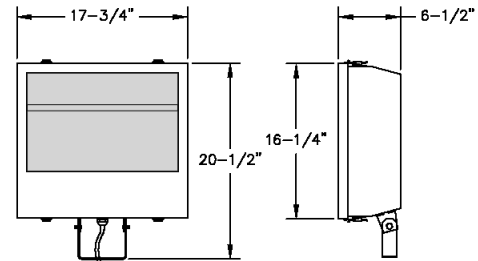




Series 7200

100-400 Watt High Pressure Sodium

The Series 7200 is equipped with a standard internal louver and asymmetrical optics, ideal for lighting a wide variety of sign sizes with no glare. The optical control and durable construction have made the 7200 the clear choice for the Departments of Transportation in a growing number of municipalities.



with Knuckle Slipfitter

Construction Features

Housing: Constructed of heavy gauge, die-formed, 5052 aluminum, with less than 1% copper content. Seams are continuously welded and unitized.

Lens/Door Assembly: Constructed of heavy gauge, die-formed, 5052 aluminum, with less than 1% copper content. Mitered and welded frame secures the tempered thermal and shock resistant borosilicate glass, sealed to the housing with high temperature, medium density, closed cell silicone gasket. Door frame attached and secured by stainless steel cam fasteners, which operate without the use of tools, for ease of relamping.

Reflector: Electropolished and anodized high purity aluminum, coilzak or equivalent. Standard internal louver provides precise arc-tube cut-off.

Electrical Power Tray: Constructed of heavy gauge, die-formed, 5052 aluminum, with less than 1% copper content. Ballast secured to the removable power tray for ease in service.

Ballast: Constant Wattage Autotransformer (CWA) Core & Coil ballast. Available in 120, 208, 240, 277 or 480 volt, and

Multi-Tap (120/208/240/277). Fixtures with yoke mounting supplied prewired to three feet of 16/3 STW cord. Cord is secured to enclosure with a watertight strain relief. Fixtures with knuckle slipfitter mounting supplied prewired to power leads inside fitter's wiring compartment. Note: Multi-Tap ballast wired to 277V.

Mounting: Heavy gauge, die-formed hot rolled steel yoke. Available with optional Almag cast aluminum alloy slipfitter (SF) or knuckle slipfitter (KSF), for standard 2 inch pole tenon mounting (2 3/8" OD) by others.

Hardware: All external hardware is stainless steel, aluminum or hot dip galvanized.

Finish: Polyester powder coated finish, fired at high temperatures to produce a durable weatherproof coating. Standard colors include black, bronze and silver. Custom color matching is also available. Please consult the factory for availability.

UL Listed: Suitable for wet locations. UL1598

Series 7200

100-400 Watt High Pressure Sodium

HOW TO ORDER

EXAMPLE 7200-HM-400HPS-277V-00-KSF-CH-BLK

1 Series	2 Lamp Position/Optics	3 Wattage/Lamp Type	4 Voltage	5 Shields	6 Mounting	7 Accessories	8 Finish
7200	HM						

Type in selection(s)
Separate multiple options with commas

1 Series

7200 Integral Ballast

2 Lamp Position/Optics

Refer to SPECIFICATIONS on next page

HM Horizontal/Medium

3 Wattage/Lamp Type

All lamps are clear, by others.

High Pressure Sodium

100HPS (LU100)

150HPS (LU150)

250HPS (LU250)

400HPS (LU400)

4 Voltage

120V

208V

240V

277V

480V

MT(120-277V) Multi-Tap

5 Shields*

IL Internal Louver (standard)

00 No shield required

LXS Lexan Shield

TS Top Shield

*Standard finish black

6 Mounting

Yoke Mount

YM Yoke Mount Only

YHS YM with Horizontal Sector

YMS YM with Mounting Stud

YSF YM with Slipfitter

YSMP YM with Slipfitter and

Mounting Plate

YSWA YM with Wall Pole

Mounting Arm

YWB YM with Wall Bracket

Knuckle Slipfitter

KSF Knuckle Slipfitter Only

KMP KSF with Mounting Plate

KWA KSF with Wall Pole

Mounting Arm

7 Accessories

Separate codes for accessories with a comma

00 No Accessories Required

CH Door Safety Chain

FD Double Fusing

FS Single Fusing

CD Extra Cord (specify total length _____ft)

PRF1 120-277V Photocell installed on fixture

PRF2 480V Photocell installed on fixture

8 Finish

BLK Black

BZE Bronze

SLV Silver

For

Custom Color,
contact factory

Notes

PROJECT	APPROVAL/ DATE
	FIXTURE TYPE

Series 7200

100-400 Watt High Pressure Sodium

SPECIFICATIONS

See abslighting.com for photometric files

Lamp Position/ Optics	Wattage/ Lamp Type	IES Beam Spread @50%	NEMA	Max. Candlepower	EPA	Weight
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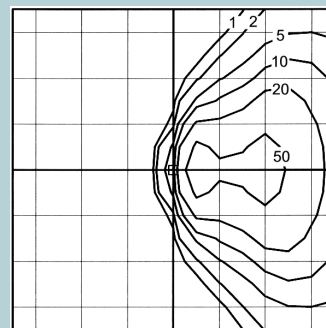
High Pressure Sodium

HM	100HPS	83 X 21	6H X 5V	7,520	2.0 sq. ft.	23 lbs.	
HM	150HPS	83 X 21	6H X 5V	12,455	2.0 sq. ft.	23 lbs.	
▲	HM	250HPS	83 X 21	6H X 5V	23,500	2.0 sq. ft.	23 lbs.
HM	400HPS	83 X 21	6H X 5V	39,245	2.0 sq. ft.	23 lbs.	

▲ = Represented by isoline at right

FOOTCANDLE (fc1) ISOLINES

1.0 If, 70° tilt, grid increment = setback



7200-HM-250HPS

CONVERSION FACTORS (CF)

$$fc2 = fc1 \times CF$$

fc2 is footcandle for applicable wattage and mounting height

For isoline A

	FIXTURE SETBACK (in feet)		
	5	7	9
100HPS	0.32	0.16	—
150HPS	0.53	0.27	0.19
250HPS	1.00	0.51	0.35
400HPS	—	—	0.58