

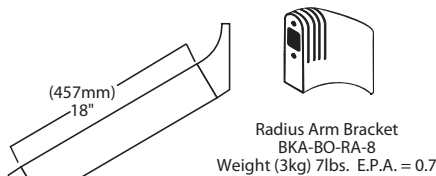
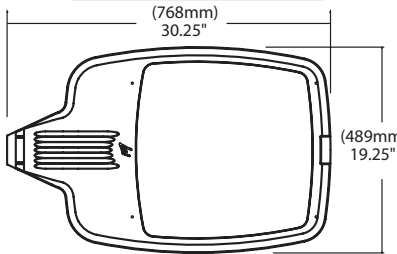
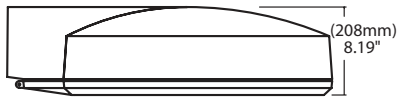
WLS LIGHTING SYSTEMS

HP FLAT GLASS / HORIZONTAL LAMP SERIES



Flat-lensed fixtures meet IESNA full cutoff classification

DIMENSIONS



Upsweep Bracket - BKU-BO-S-19
Weight (7kg) 15lbs. E.P.A. = 0.4

BKA-BO-EC-6-CLR:
Extension Arm
Weight (2kg) 5lbs. E.P.A. = 0.3



IP65



SPECIFICATIONS

HOUSING - One-piece, die-cast aluminum in a multi-radiused, rectangular shape with mounting arm cast in as an integral part of the housing. All hardware is stainless steel or electro-zinc plated steel.

LENS / GASKET - The HP is available with a tempered flat clear glass lens. A one-piece extruded silicone gasket seals the lens to the die-cast aluminum door frame.

DOOR FRAME - The HP's one-piece, die-cast aluminum door frame secures to the housing with a stainless steel hinge bracket. An integral over-center latch allows easy tool-less access. Door frame may then be easily removed from housing. Door is provided with a catch mechanism that limits door swing. A one-piece extruded silicone gasket seals the door frame against the housing. The standard housing / door seal design prevents external contaminants from entering the HP, resulting in an IP65 rating in all versions.

FINISHES - Fixtures are finished with WLS DuraGrip® polyester powder coat finishing process. The DuraGrip® finish withstands extreme weather changes without cracking or peeling, and is guaranteed for five full years. Standard colors include bronze, black, platinum plus, buff, graphite, satin verde green, metallic silver and white

REFLECTORS / DISTRIBUTION PATTERNS - The HP is available with a wide variety of reflectors, including Type II (2), Type III (3), Type (5), Forward Throw (FP), and Forward Throw Automotive (FA). All reflectors are field-rotatable, enabling generous flexibility in distribution patterns, without fixture movement. Photometric data is tested in accordance with IESNA guidelines.

LIGHT SOURCES - Pulse Start Metal Halide, Full Spectrum, Super Metal Halide, Super Metal Halide Reduced Envelope, Metal Halide, Metal Halide Reduced Envelope, and High Pressure Sodium. Clear lamp is supplied as standard.

SOCKETS - Porcelain mogul-based sockets. All sockets are factory pre-wired with a disconnect plug for the ballast. All sockets are pulse rated.

BALLASTS - High-power factor ballast. Pulse Start Metal Halide, Super Metal Halide, Metal Halide, and High Pressure Sodium fixtures feature a CWA type ballast, designed for -20° F operation. Optional Quick Connect package includes supply wiring plus modular plugs for easy ballast wiring and a removable ballast tray.

BRACKETS - The HP's integral cast mounting arm is flat for square pole applications. The fixture may also be mounted to round poles using the round pole adaptor accessory (RPP), which must be ordered separately. An extruded 6" arm extension is available (but not required) for D90°, Q90°, T90°, and TN120° fixture configurations. A locking nut secures two through bolts and a reinforcing plate to the pole, stabilizing it for easy fixture mounting.

SHIELDING - External Glare Shields are available for field installation with Types 2, 3, and FT distributions. Internal Louver available for field installation with Types 3 and FT distributions on 400 watt and below fixtures.

Approved By: _____ Project Name: _____

Location: _____ Date: _____

P.O. Box 100519 | Fort Worth, TX 76185 | 800.633.8711 | Fax: 817.735.4824 | www.wlsighting.com

WLS LIGHTING SYSTEMS

Consider the Impact!

HP SERIES

FLAT GLASS / HORIZONTAL LAMP

ORDERING INFORMATION SELECT APPROPRIATE CHOICE FROM EACH COLUMN TO FORMULATE ORDER CODE. Refer to example below.

SERIES	DISTRIBUTION	LAMP WATTAGE	LIGHT SOURCE*	LENS	LINE VOLTAGE ³	LUMINAIRE FINISH	OPTIONS	ACCESSORIES
HP	2 - Type II 3 - Type III FP - Forward Throw AF - Automotive Forward Throw ¹ 5 - Type V	250W	PSMH - Pulse Start Metal Halide SMH - Super Metal Halide* SMHR - Super Metal Halide Reduced* MH - Metal Halide* MHR - Metal Halide Reduced* HPS - High Pressure Sodium FS - Full Spectrum	FG - Flat Glass Lens	480V MT - Multi Tap ⁴ TT - Tri-Tap ⁵	BRZ - Bronze BLK - Black PLT - Platinum Plus BUF - Buff SVG - Satin Verde Green GPT - Graphite CC - Custom Color	PCR - Photoelectric Control Receptacle ⁶ QC - Quick connect Package ⁷ NO - No Options	PC - Photocell ⁸ SF - Single Fusing ⁹ DF - Double Fusing ⁹ PCG - Polycarbonate Glare Shield GSR - Glare Shield Rear ¹⁰ GSS - Glare Shield Side ¹⁰ IL - Internal Louver ¹¹ RPP - Round Pole Plate BKS-B0-WM - Wall Mount Plate BKA-B0-EC-6-CLR - Extension Arm BKA-B0-RA-8-CLR - Radius Arm BKU-B0-S-19-CLR - Upsweep Bracket for round and square poles NA - No Accessories
		400W 750W ²						

* In accordance with the 2007 Energy Independence and Security Act (EISA), fixtures will no longer be available in Probe Start Metal Halide with wattages from 150 watts through 500 watts for new installations. Replacement parts for existing fixtures are still available.

HP 5 750 MH FG MT BRZ NO NA

(EXAMPLE ORDER)

ORDER:
WLS-HP

FOOTNOTES:

- 1 - Available with 750 PSMH only.
- 2 - 750 PSMH available in distribution types: 3, 5, FP, & AF.
- 3 - For international voltages, consult factory.
- 4 - MT - Multi Tap is shipped standard unless otherwise specified. Multi Tap consists of 120V, 208V, 240V, and 277V. Multi Tap is pre-wired for highest voltage. Alternate voltages will require field re-wiring.
- 5 - Tri-Tap is shipped standard for Canadian applications. Tri-Tap consists of 120V, 277V, and 347V. Tri-Tap is pre-wired for highest voltage. Alternate voltages will require field re-wiring.
- 6 - Factory installed PCR requires field wiring to proper voltage. On QC version, PCR is pre-wired to highest voltage. Alternate voltages will require field re-wiring. Photocell must be ordered separately - see Accessories.
- 7 - Quick Connect option includes removable ballast tray and modular plug.
- 8 - Factory Installed PCR option required.
- 9 - Fusing must be located on the hand-hole of the pole, not on the fixture.
- 10 - Black only.
- 11 - Only available with 250 - 400 watt fixtures. Black only.



STANDARD POLE MOUNT

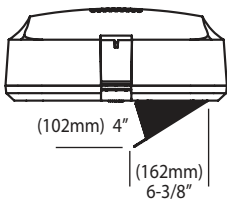


EC 6 EXTENSION ARM

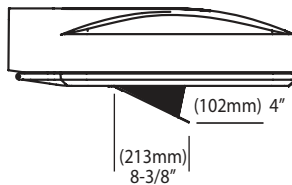


RADIUS ARM

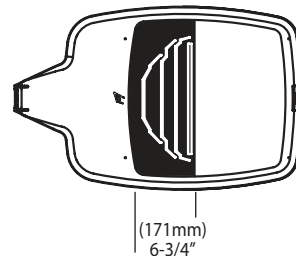
GLARE SHIELDS



SIDE MOUNTED (GSS)



REAR MOUNTED (GSR)



INTERNAL LOUVER (IL)

Approved By: _____ Project Name: _____

Location: _____ Date: _____

WLS LIGHTING SYSTEMS