

PROB – Providence Bollard

TYPE |

- Die cast aluminum construction for reliability, robust construction and corrosion resistance
- Tool-less access and removal of lamp and ballast
- Direct full cutoff optical system
- Indirect asymmetric and symmetric cut-off optical systems
- Slips over a 3"/75mm pole for mounting

- IP66 Rating
- Powder coat finish in 13 standard colors with a polymer primer sealer



PROB

1. LUMINAIRE 2. LAMP/LED 3. COLOR 4. OPTIONS 5. MOUNTING

1. LUMINAIRE

SYMMETRIC HORIZONTAL OPTICAL SYSTEM

PROB Providence bollard

2. LAMP/BALLAST

COMPACT FLUORESCENT (120 thru 277 volt ballast. Specify wattage. -18°C minimum starting temp)
GX24q base, 26, 32 or 42 watt lamp
CF

METAL HALIDE (120/208/240/277 volt ballast)

Medium base, ED-17 lamp
50MH 70MH 100MH

G12 base, T-6 ceramic lamp
70MHT6

ELECTRONIC METAL HALIDE (120 thru 277 volt)

PGJ5 base, Mini Mastercolor lamp. 120 thru 277 volt ballast
20MMC 39MMC

Medium base, ED-17 lamp
50MHEB 70MHEB 100MHEB

G12 base, T-6 ceramic lamp
39MHT6EB 70MHT6EB

HIGH PRESSURE SODIUM (120/208/240/277 volt ballast)

Medium base, ED-17 lamp
50HPS 70HPS 100HPS

All ballasts are factory wired for 277 volts unless specified. Lamps not included, except LED option.

3. COLOR

WH Arctic White	VBU Verde Blue
BL Black	CRT Corten
BLT Matte Black	MAL Matte Aluminum
DB Dark Bronze	MG Medium Grey
DGN Dark Green	AGN Antique Green
TT Titanium	LG Light Grey
WDB Weathered Bronze	RAL Premium Color
MDB Bronze Metallic	CUSTOM * * Contact Factory

4. OPTIONS

- PFC (Painted brass finial cap)
- DSC (Dark sky cap. Matte black body cap)
- BPS (Struts painted brass)
- HSS (House side shield.)
- LDL (Lightly diffused lens)
- BBU (Battery backup powers the lamp for up to ninety minutes during a power failure. Output of the 32 watt lamp will be 575 lumens. Output from the 42 watt lamp will be 750 lumens. Operating temperature 0°C to 55°C. For use with CF only)

5. MOUNTING

- FL (42" overall height x 5"/127mm dia, extruded fluted body)
- RD (42" overall height x 5"/127mm dia, extruded smooth body)
- PM (Semi recessed pier mount)

[Visit www.aal.net](http://www.aal.net) for Arms, Poles & Accessories Specification Guide

SPECIFICATIONS

HOUSING

The fixture housing and base are cast aluminum free of any porosity, foreign materials, or cosmetic fillers. The shaft shall be 5 in/127 mm wide and 23 in/584 mm tall, extruded 6061-T6 aluminum yielding a fixture height of 42 inches. The ballast is mounted internally and accessed by loosening three set screws and lifting the fixture head off the shaft. Relamping is done by loosening a captive screw on the side of the dome, directly opposite the hinge, and tilting the dome lid back. The lens is tempered glass, sealed to the housing with a silicone gasket. All internal and external hardware is stainless steel. The fixture is sealed to prevent dust, insect or moisture contamination by using one-piece, memory retentive, molded silicone gaskets. The fixture features tamper resistant hardware.

ELECTRICAL

The ballast is integral to the fixture, mounted on a prewired module with a quick disconnect plug. The ballast module has two keyhole slots and is removable by loosening two screws. All components and materials are U.L. recognized. Sockets are pulse rated porcelain. HID ballasts are high power factor, rated for -30°C starting. Medium base porcelain sockets are 4KV rated. Ballasts are wired at the factory for 277 volts, unless specified. Compact fluorescent transformers are electronic, 120 through 277 volt for 26, 32 or 42 watt 4 pin lamps.

REFLECTOR

The reflector module shall be composed of a spun, specular aluminum panel rigidly attached to the die cast aluminum housing. The horizontal lamp reflectors shall meet ANSI-IES standards for full cutoff classification.

See next page

JOB _____
TYPE _____
NOTES _____



PROB – Providence Bollard

TYPE |

FINISH

Fixture finish shall consist of a five stage pretreatment regimen with a polymer primer sealer, oven dry off and top coated with a thermoset super TGIC polyester powder coat finish. The finish shall meet the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance.

CERTIFICATION

The fixture is listed with ETL for outdoor, wet location use, UL1598 and Canadian CSA Std. C22.2 NO.250. IP Rating: 66

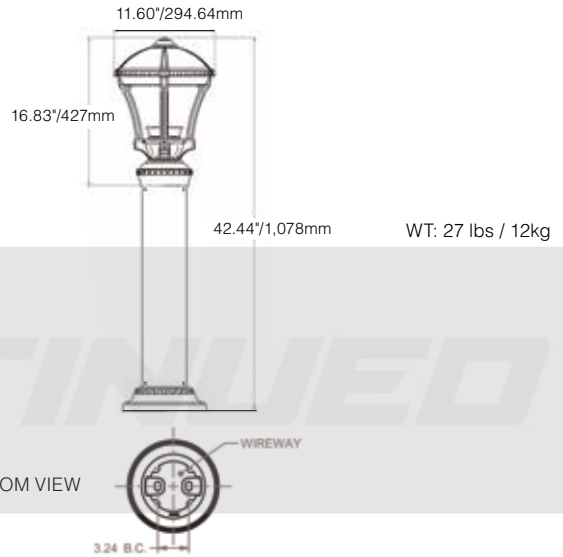
WARRANTY / TERMS AND CONDITIONS OF SALE

Download:

<http://www.hubbelling.com/resources/warranty/>

AAL reserves the right to change product specifications without notice.

DIMENSIONS



PROB 50MH

WATTAGE: 72

LUMEN OUTPUT: 1097

EFFICACY: 43

B1 U0 G0

FORWARD LIGHT LUMEN

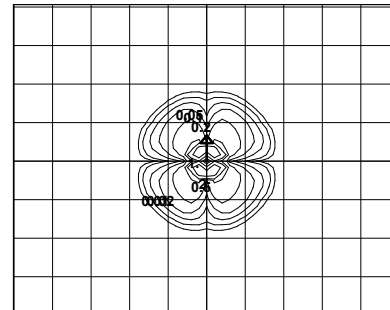
FL	30°	9.9%	306
FM	60°	7.2%	224
FH	80°	0.5%	16
FVH	90°	0.1%	2

BACK LIGHT

BL	30°	9.9%	306
BM	60°	7.2%	224
BH	80°	0.5%	16
BVH	90°	0.1%	2

UPLIGHT

UL	100°	0%	0
UH	180°	0%	0



UPLIGHT 0%
DOWNLIGHT 100%

IES files can be found at www.aal.net