

PROVIDENCE[®]



*Sconce
& Bollard*



NEW LED

ARCHITECTURAL AREA LIGHTING

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ENERGY EFFICIENCY

The Providence is designed to use electrical energy in the most efficient possible way. The reflectors are designed to direct the illumination on the ground with no stray light which translates into wasted energy. The result is more light where you need it with less energy consumption.

LIGHT POLLUTION

The Providence reflectors are designated as full cutoff which means there is no light emitted above 90 degrees horizontal.



IDA Approved Dark-Sky Friendly versions of these luminaires are available.

LONGEVITY

AAL manufactures all its products to have a life span as long as the building or space they illuminate. The primary material used for all our products is aluminum to resist corrosion and the need for maintenance. Aluminum will not need the periodic refinishing required of steel products that will eventually rust and corrode. All our internal parts and fasteners are made of aluminum or stainless steel. The lamp enclosures are kept dust free and dry to prevent light degradation and maintain a high level of energy efficiency.

SUSTAINABILITY

AAL develops our products with recycling and resource management in mind. We recycle all incoming packaging materials. Our products are shipped in easy to recycle packaging materials. Our state of the art finishing system uses eco friendly cleansing and preparation chemicals that are harmless enough to send to the drain without further processing. Our powder coating process eliminates the release of volatile chemicals into the atmosphere. AAL makes the Providence, like all AAL products, with renewable materials such as aluminum.



The Providence® Scone is registered and protected by patent granted by the United States Patent Office. U.S. Patent D587, 836.

The Providence® is a registered trademark of Architectural Area Lighting.
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Printed on recycled paper.

*"to create, inspire and nurture
EXCELLENCE in each other"*

PROVIDENCE[®]

Sconce Bollard



The **Providence Sconce** and **Bollard** are elegantly proportioned, high-performance additions to the popular Providence family of fixtures. These two new fixtures provide depth to the line by offering styling that will carry the visual elements throughout an entire site. The Providence family are transitional style luminaires that combine modern lighting performance with aesthetics in a traditional form. The fixtures utilize efficient lamp sources and electronic ballast options for longer lamp life and color correction, making them ideal for use in a variety of settings such as mixed-use retail, commercial, educational, municipal and downtown renovations.



applications



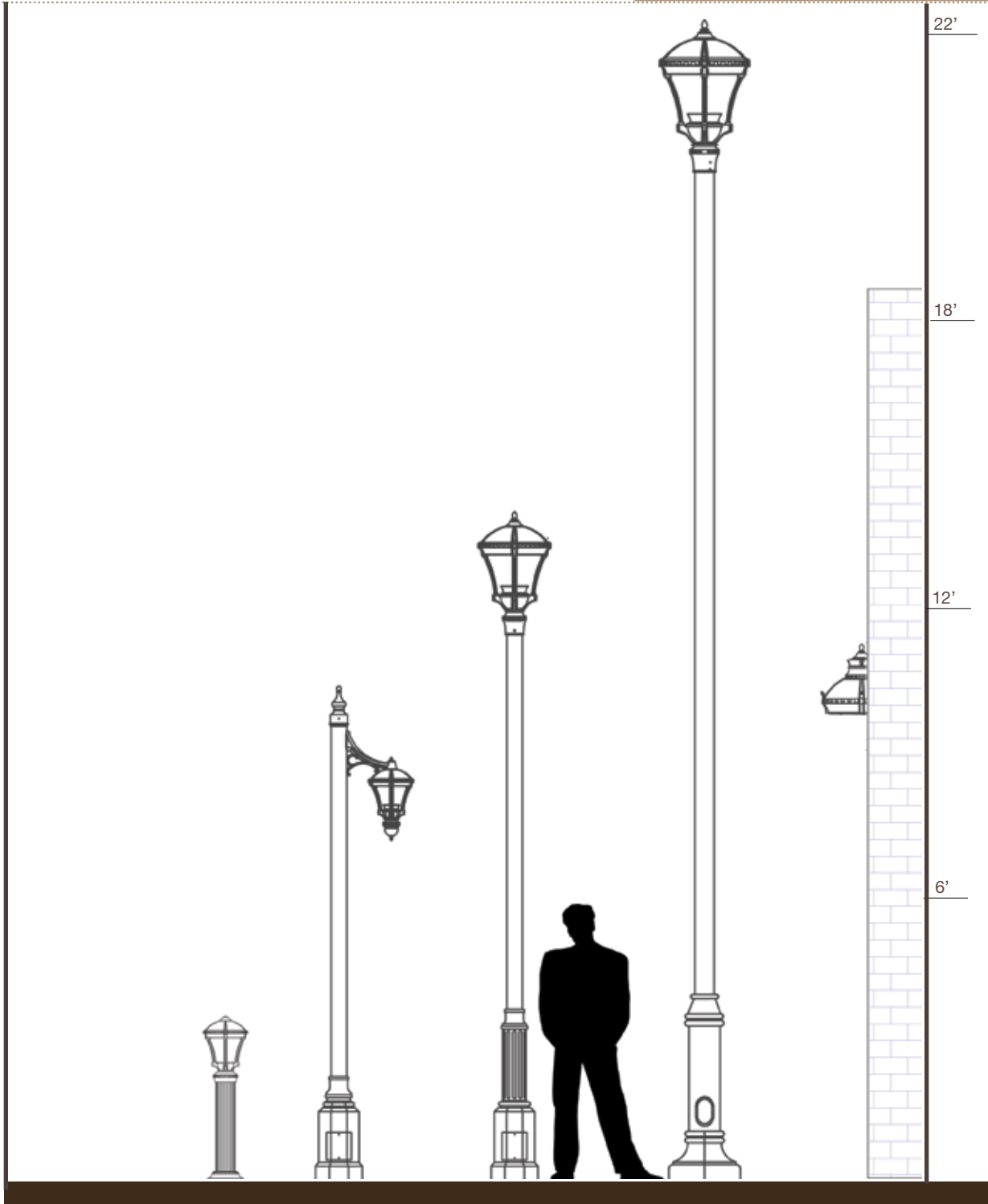
PRSC3-1D-50MH-PFN-DSB-MTB



PRSC3-1D-50MH-PFN-DSB-MTB



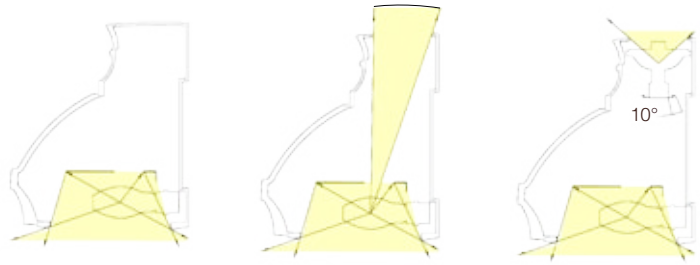
PROB-20MMC-RD-MTB



FIXTURE	PROB	PROS	PROV	PROL	PRSC-1D-PFN-DSB
ARM		TRA56D			
POLE	FL	DB9	DB8	DB10	

Providence Sconce

The Providence Sconce is available with four precise optical systems, including pencil beam/column light, allowing you to put the light where it is needed. Available as an uplight, downlight or an uplight/downlight combination, with an optional R111 as the secondary opposing output source.

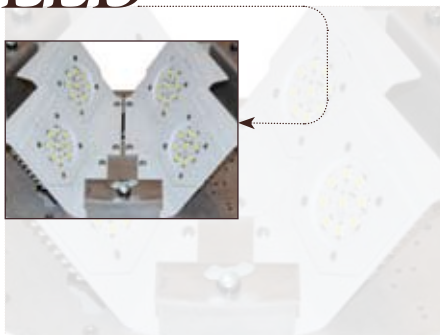


Single Source as Primary Output

Single Source with Bi-Directional Output

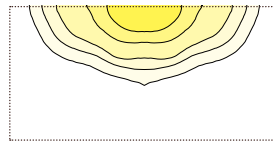
Dual Source with Dual Output

LED

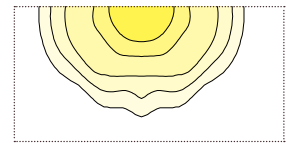


The Providence Sconce also features highly efficient LED's providing a Type 5 distribution. Features 4 modules with 9 LED's per module for a total of 36 LED's (37 watts), and available in Warm White (3500K) or Bright White (5100K). Other efficient sources offered include CF, induction lamp systems and the new 60 watt Philips Cosmo lamp.

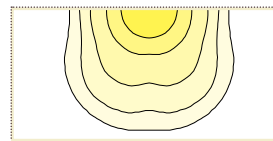
Type 2 Reflector
Wide, Shallow beam



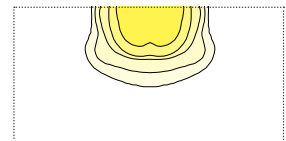
Type 3 Reflector
Medium Throw Beam



Type 4 Reflector
Forward Throw Beam



Column Accent
Narrow Short Beam

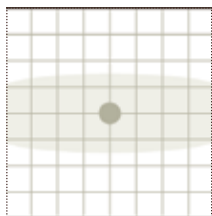


Providence Bollard

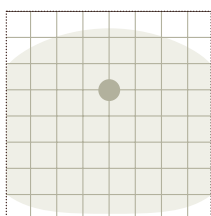
The Providence Bollard features a symmetrical horizontal optical system, and employs the most efficient light sources on the market today.

This includes highly efficient LED's providing Type1, Type 3 or Type 5 distribution, as well as compact fluorescent and the new Mini MasterColor® lamps.

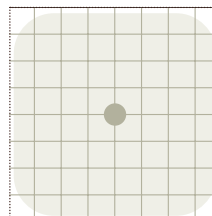
Type 1



Type 3



Type 5



LED



1	2	3	4	5
FIXTURE	OUTPUT OPTIONS	LAMP/BALLAST	OPTIONS	COLOR
PRSC-3	1D	20MMC	QRS	BLK

1. FIXTURE

PRSC-2	Horizontal Type 2
PRSC-3	Horizontal Type 3
PRSC-4	Horizontal Type 4
PRSC-W	Horizontal Column Accent / Narrow Beam
PRSC-X	Horizontal LED, CF or IL

2. OUTPUT OPTIONS

1D	Single source 100% primary output
2D	Up:down single source 94% primary with 6% secondary opposing output. Not for PRSC-W or LED.
2DPB	Up:down single source with pencil beam upright. Not for PRSC-W or LED.
2R	Up:down dual source R111 as secondary opposing output. Available with 39MHT6EB-R111 ballast only.

3. LAMP/BALLAST

FOR PRSC-2 / PRSC-3 / PRSC-4 / PRSC-W

20MMC	20 watt electronic metal halide 120/277 volt ballast. Use PGJ5 base, Mini MasterColor® lamp.
39MMC	39 watt electronic metal halide 120/277 volt ballast. Use PGJ5 base, Mini MasterColor® lamp.
39MHT6	39 watt magnetic metal halide 120/277 volt ballast. Use G12 base, T6 ceramic lamp.
39MHT6EB	39 watt electronic metal halide 120 thru 277 volt ballast. Use G12 base, T6 ceramic lamp.
39MHT6EB-R111	39 watt electronic metal halide 120 thru 277 volt ballast. For use with 2R option only.
50MH	50 watt metal halide 120/277 volt ballast. Use medium base, ED-17 lamp.
50MHEB	50 watt electronic metal halide 120 thru 277 volt ballast. Use medium base, ED-17 lamp.
70MH	70 watt metal halide 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
70MHT6	70 watt metal halide 120/208/240/277 volt ballast. Use G12 base, T6 ceramic lamp.
100MH	100 watt metal halide 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
150PSMH	Pulse start metal halide 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
150PSMHT6	Pulse start metal halide 120/277 volt ballast. Use G12 base, T6 ceramic lamp.
50HPS	50 watt high pressure sodium 120/277 volt ballast. Use medium base, ED-17 lamp.
70HPS	70 watt high pressure sodium 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
100HPS	100 watt high pressure sodium 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
150HPS	150 watt high pressure sodium 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
60CO	60 watt electronic ballast for Philips® Cosmo 200 thru 277 volt ballast. Use PGZ12 base cosmo lamp.

FOR PRSC-X

36LED-WW	36 light emitting diode array (37 watt). Warm white (3500K). 120 thru 277 volt.
36LED-BW	36 light emitting diode array (37 watt). Bright white (5100K). 120 thru 277 volt.
CF1	Horizontal Single CF, 120 thru 277 volt. GX24q base, 26, 32 or 42 watt lamp. Specify wattage.
CF2	Horizontal Pair of CF, 120 thru 277 volt. GX24q base, 26, 32 or 42 watt lamp. Specify wattage.
IL55	Horizontal 55 watt Induction system. 120, 208, 240 or 277 volt. -25°C min start temp.

*All ballasts are factory wired for 277 volts, unless specified. Lamps not included (except LED and IL options)
All applicable ballasts are EISA compliant.*

1	2	3	4	5
FIXTURE	OUTPUT OPTIONS	LAMP/BALLAST	OPTIONS	COLOR
PRSC-3	1D	20MMC	QRS	BLK

4. OPTIONS

INTERNAL OPTIONS

QRS	Quartz restrike controller and socket for a T-4 mini-can halogen lamp. (Lamp wattage not to exceed ballast wattage). Not available for LED, CF1, CF2 or IL55 configuration.
QL	Socket for a T-4 mini-can halogen lamp. Must be field wired to a separate 120 volt circuit. (Lamp wattage not to exceed ballast wattage). Not available for LED, CF1, CF2 or IL55 configuration.
SCB	Surface Conduit Box. 1/2 inch NPT inlets on each side. Gasketed bottom cover for wire access. Standard finish is white.
LDL	Lightly diffused glass lens to conceal the reflector and decrease visual brightness and glare.
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 is 0°C to 55°C. For CF1 or CF2 configuration only. Integral.
347	120/240/347 volt ballast for HID lamp/ballast except the 50MH and 50HPS watt ballast. Not available for 2R output.
SPC12	120 volt swivel type photocell. Factory wired at 120 volt. Only available with 1D output (Photocell replaces finial)
SPC27	208/240/277 volt swivel type photocell. Factory wired. Specify voltage. Only available with 1D output (Photocell replaces finial)
BPC12	Photocell Button Type 120V. Only available with 1D output (Photocell replaces finial).
BPC27	Photocell Button Type 208/240/277 volt. Only available with 1D output (Photocell replaces finial).
TPC	Photocell Twist-Lok. Only available with 1D output (Photocell replaces finial). Photocell by others.
R24	Secondary source R111 Lamp with 24° Flood Pattern. Only available with 2R output.
R40	Secondary source R111 Lamp with 40° Flood Pattern. Only available with 2R output.

DECORATIVE OPTIONS

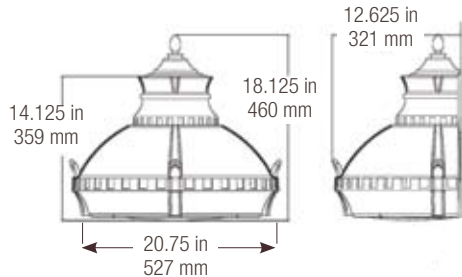
PFN	Cast aluminum finial painted brass color. Only available with 1D output.
DSB	Dome spikes painted brass color.
DSP	Dome spikes painted to match fixture color.



Shown: PFN and DSB

5. COLOR

All standard and premium AAL colors available.
 For RAL and custom colors, please submit a 4-digit RAL number or color chip for custom colors.



WT: 29 lbs

HOUSING

The fixture housing is one-piece cast aluminum. The access door is cast aluminum, hinged and secured with two spring latches for relamping and internal access. The primary lens is molded tempered glass with a crowned shape to shed water. The single source bi-directional configuration uses a diffused lens to evenly illuminate the wall, and the dual source configuration uses a clear lens. The access door is sealed with a memory retentive, Rubatex, closed cell gasket. The rear electrical access has a molded silicone plug to completely seal the fixture from insects or dirt emanating from the electrical box or conduit. All internal and external hardware is stainless steel.

OPTICAL ASSEMBLY

The reflector module is composed of faceted, semi specular anodized aluminum panels rigidly attached in an aluminum module. The reflector module is easily removed from the ballast bracket by loosening four screws and lifting it out. The 2D uplight + downlight version includes a second reflector assembly attached to the ballast bracket which directs the light energy to the diffused lens used for the secondary light output. The 2R uplight + downlight version has a bracket assembly used to direct light from a R111 light source through the secondary clear lens. The reflectors shall meet ANSI-IES standards for full cut-off classification.

ELECTRICAL

The ballast is mounted on a prewired module with a quick disconnect plug and removed by loosening three captive quarter-turn fasteners. HID ballasts are high power factor, rated for -30°C starting. Sockets are medium base, pulse rated porcelain. Compact fluorescent sockets for a 26, 32, or 42 watt lamp are 4 pin, GX24q-4, with an electronic ballast, 0°F starting. Ballasts are prewired at the factory for 277 volts, unless specified.

FINISH

Fixture finish consists 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.

INSTALLATION

To install the fixture, the die cast wall plate is secured to an octagonal j-box and wired to the power circuit. The fixture is plugged into a quick disconnect and then hooked onto the wall plate. Two captive screws are then tightened to secure the fixture to the wall plate. The fixture may be inverted if desired.

EISA COMPLIANCE

AAL is committed to complying with U.S. EISA requirements. All applicable products manufactured for sale in the United States after January 1, 2009, meet EISA requirements.

CERTIFICATION

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

WARRANTY

Fixture is warranted for three years. Ballast components carry the ballast manufacturer's limited warranty. Any unauthorized return, repair, replacement or modification of the Product(s) shall void this warranty. This warranty applies only to the use of the Product(s) as intended by AAL and does not cover any misapplication or misuse of said Product(s), or installation in hazardous or corrosive environments. Contact AAL for complete warranty language, exceptions, and limitations.

◆ PROVIDENCE**SCONCE**



Tool-less access

One-piece memory retentive gasket



Bi-directional capabilities available with R111 (right) as secondary opposing output source (2R). Also available with pencil beam (above) with optional color filter (2DPB)

1	2	3	4	5
FIXTURE	LAMP/BALLAST	OPTIONS	MOUNTING	COLOR
PROB	50MH	HSS	PM	BLK

1. FIXTURE

PROB Symmetric horizontal optical system

2. LAMP & BALLAST

20MMC	20 watt electronic metal halide 120/277 volt ballast. Use a PGJ5 base, Mini MasterColor® lamp.
39MMC	39 watt electronic metal halide 120/277 volt ballast. Use a PGJ5 base, Mini MasterColor® lamp.
39MHT6EB	39 watt electronic metal halide 120 thru 277 volt ballast. Use a G12 base, T6 ceramic lamp.
50MH	50 watt metal halide 120/277 volt ballast. Use a medium base, ED-17 lamp.
50MHEB	50 watt electronic metal halide 120 thru 277 volt ballast. Use a medium base, ED-17 lamp.
70MH	70 watt metal halide 120/208/240/277 volt ballast. Use a medium base, ED-17 lamp.
70MHT6	70 watt metal halide 120/208/240/277 volt ballast. Use a G12 base, T6 ceramic lamp.
70MHEB	70 watt electronic metal halide 120 thru 277 volt ballast. Use medium base, ED-17 lamp.
70MHT6EB	70 watt electronic metal halide ballast, 120 thru 277 volt. Use a G12 base, T6 lamp.
100MH	100 watt metal halide 120/208/240/277 volt ballast. Use a medium base, ED-17 lamp.
100MHEB	100 watt electronic metal halide ballast 120 thru 277 volt. Use medium base, ED-17 lamp.
50HPS	50 watt high pressure sodium 120/277 volt ballast. Use medium base, ED-17 lamp.
70HPS	70 watt high pressure sodium 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
100HPS	100 watt high pressure sodium 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
CF	Compact fluorescent electronic ballast 120 thru 277 volt. Use a GX24q base, 26, 32 or 42 watt lamp.
18LED-WW	18 light emitting diode array. (19 watt). Warm white (3500K). IES Type 1. 120 thru 277 volt.
27LED-WW	27 light emitting diode array. (29 watt). Warm white (3500K). IES Type 3. 120 thru 277 volt.
36LED-WW	36 light emitting diode array. (37 watt). Warm white (3500K). IES Type 5. 120 thru 277 volt.
18LED-BW	18 light emitting diode array. (19 watt). Bright white (5100K). IES Type 1. 120 thru 277 volt.
27LED-BW	27 light emitting diode array. (29 watt). Bright white (5100K). IES Type 3. 120 thru 277 volt.
36LED-BW	36 light emitting diode array. (37 watt). Bright white (5100K). IES Type 5. 120 thru 277 volt.

*All ballasts are factory wired for 277 volt, unless specified. Lamps not included (except LED options)
All applicable ballasts are EISA compliant.*



1	2	3	4	5
FIXTURE	LAMP/BALLAST	OPTIONS	MOUNTING	COLOR
PROB	50MH	HSS	PM	BLK

3. OPTIONS

- HSS** House Side Shield. Not available with LED.

- 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. Integral.

- PFC** Painted brass finial cap

- BPS** Painted brass struts

- DSC** Dark sky cap. Matte black body cap (shown at right).



4. MOUNTING

- FL** 42 inch overall height x 5 in/127 mm dia, extruded fluted body

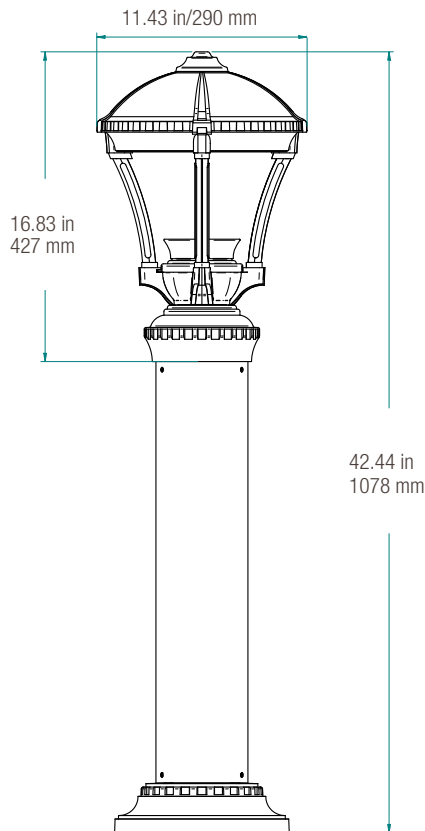
- RD** 42 inch overall height x 5 in/127 mm dia, extruded smooth body

- PM** Semi recessed pier mount



5. COLOR

All standard and premium AAL colors available.
 For RAL and custom colors, please submit a 4-digit RAL number or color chip for custom colors.



WT: 27 lbs

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.

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.

EISA COMPLIANCE

AAL is committed to complying with U.S. EISA requirements. All applicable products manufactured for sale in the United States after January 1, 2009, meet EISA requirements.

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

Fixture is warranted for three years. Ballast components carry the ballast manufacturer's limited warranty. Any unauthorized return, repair, replacement or modification of the Product(s) shall void this warranty. This warranty applies only to the use of the Product(s) as intended by AAL and does not cover any misapplication or misuse of said Product(s), or installation in hazardous or corrosive environments. Contact AAL for complete warranty language, exceptions, and limitations.

◆ PROVIDENCE**BOLLARD**



One-piece memory retentive silicone gasket.

Tamper resistant hardware

Black body cap-reduces uplight

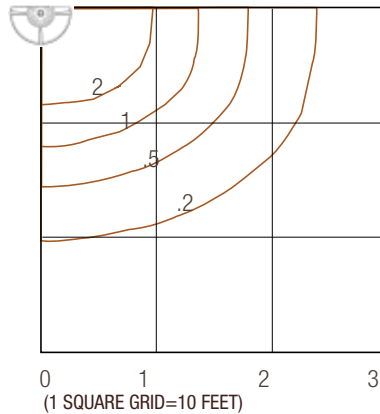
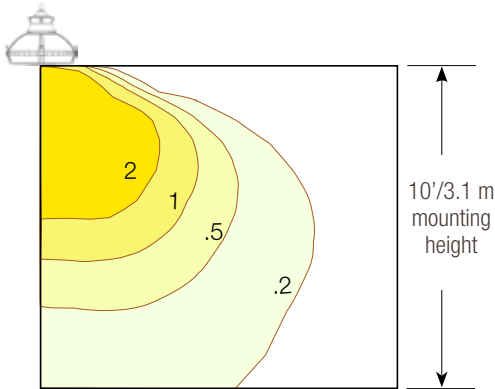
The values below are in initial footcandles. Discount values to account for light losses due to voltage, temperature and atmospheric variations which affect light output. Mounting height is to the lamp center. All testing performed by a certified independent laboratory. Photometry is available in IES formatted files at www.aal.net.

Providence Scence

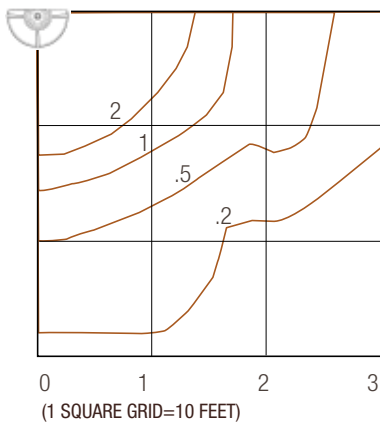
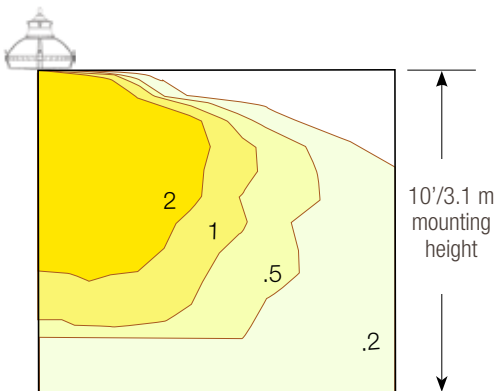
VERTICAL FOOTCANDLES ON THE WALL
MOUNTING HEIGHT 10 FEET.

HORIZONTAL FOOTCANDLES ON THE GROUND
MOUNTING HEIGHT 10 FEET. LLF=.8

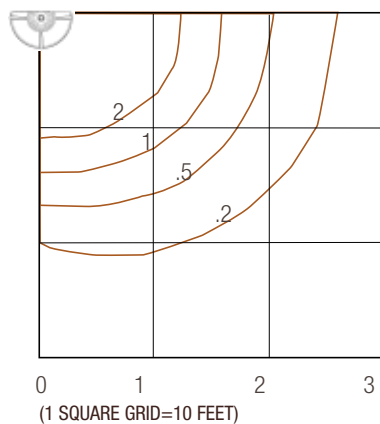
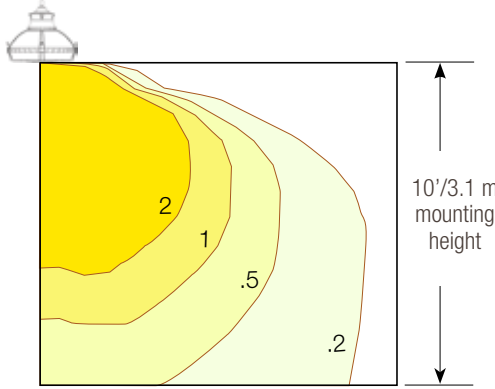
PRSC-2-IL55



PRSC-4-60CO



PRSC-X-CF2-42

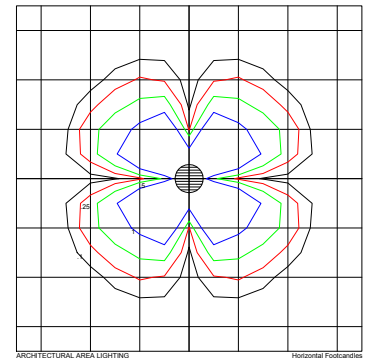


Providence Bollard

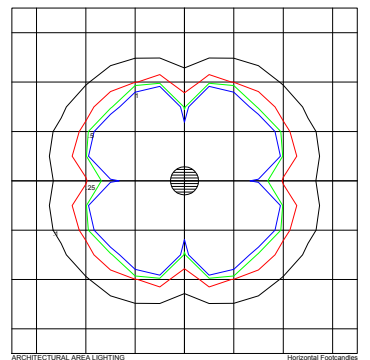
Providence Bollard Conversion Table
.72 LLF, Gridlines = Mtg. Ht

Lamp Type	Fixture MTG. HT. (in feet)
	3.5 Ft
20 MMC	1.00
39 MMC	1.85

PROB-20MMC



PROB-39MHT6EB



Blue line	1
Green line	.5
Red line	.25
Black line	.1

PROVIDENCE®

Sconce Bollard



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