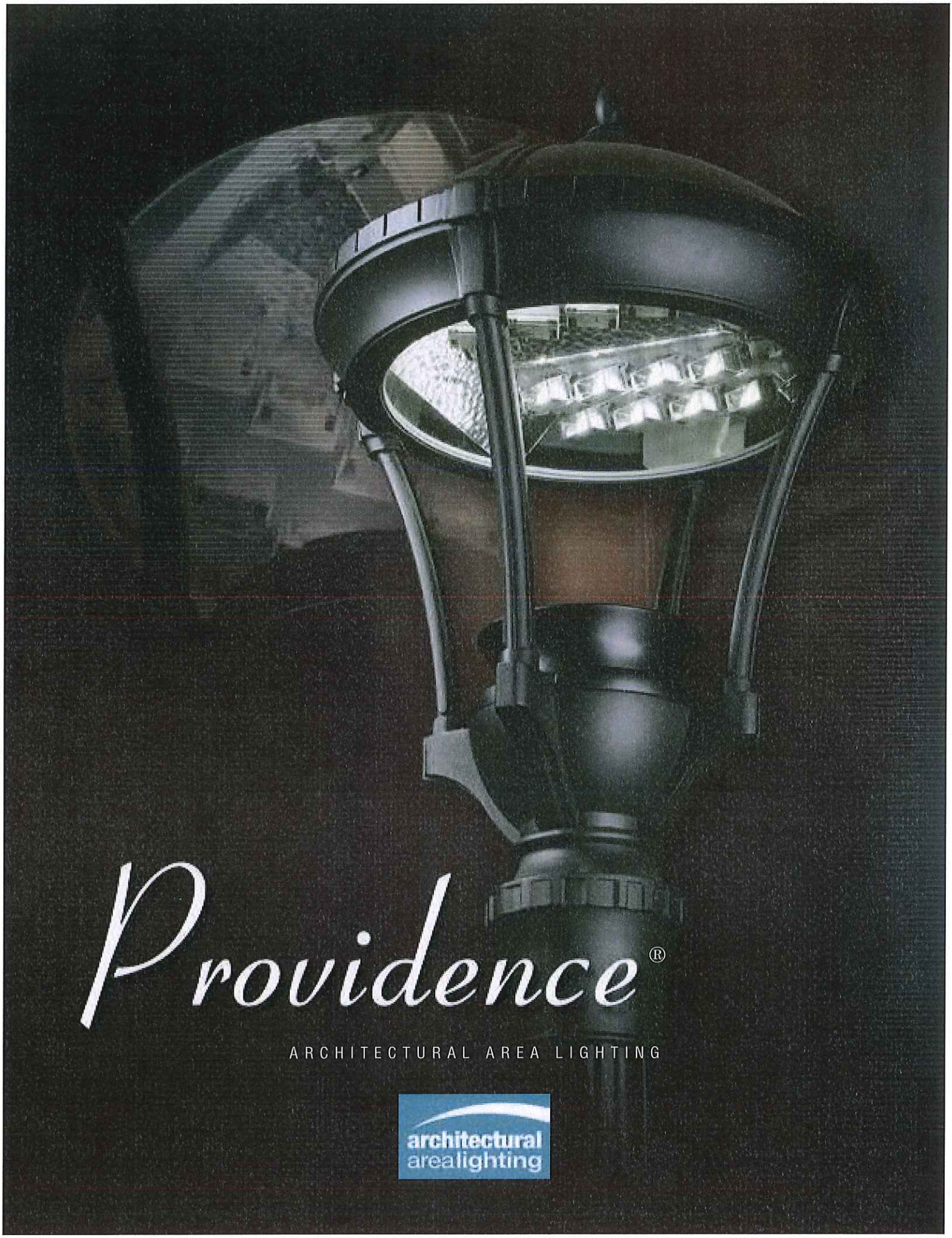
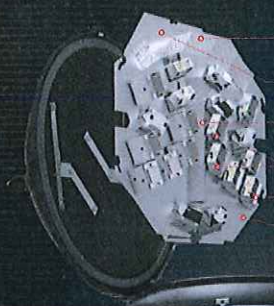

Providence®
ARCHITECTURAL AREA LIGHTING
architectural
arealighting

* Electric Options

DESIGN **EXCELLENCE**

LARGE/MEDIUM LED

Featuring MicroEmitter™ Technology



- Glare guard perimeter reflector redirects stray
- Heat sink aluminum carrier plate helps dissipate heat and prolongs LED life
- Hammertone center reflector evenly distributes light directly beneath the
- Precisely aimed MicroEmitters put light where it is needed and significantly reduce glare
- Individual MicroEmitters are field replaceable
- EmitterDeck™ assembly is upgradeable as LED technology advances, or convert existing Providence HID into LEDs
- Die-cast housing for maximum durability
- Decorative studs conceal wiring
- Decorative spikes available

Providence LED, part of AAL's Designer SSL Series, is the first truly elegant LED luminaire on the market today. Its distinctive styling and high performance sets it apart from all others. One look is all it takes to discern that Providence is the epitome of quality and beauty.

SMALL LED

LED module

MEDIUM

Horizontal Reflector

SCONCE

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

- One-piece memory retentive gasket
- Tool-less access

Providence Sconce is available with four precise optical systems, including pencil beam/column light, allowing you to precisely illuminate architectural features. Available as an uplight, downlight or an uplight/downlight combination, with an optional R111 as the secondary opposing output source.

The Providence Sconce also features highly efficient LEDs providing a Type 5 distribution. Features 4 modules with 9 LEDs per module for a total of 36 LEDs (37 watts), and available in Warm White (3000K) or Bright White (5100K) **color temperatures. Other efficient sources offered** include CFL, induction systems and the new 80-watt Philips Cosmopolis™ lamp.

™ Cosmopolis™ is a registered trademark of Philips Lighting.

BOLLARD

- R0 Smooth body
- Fluted body

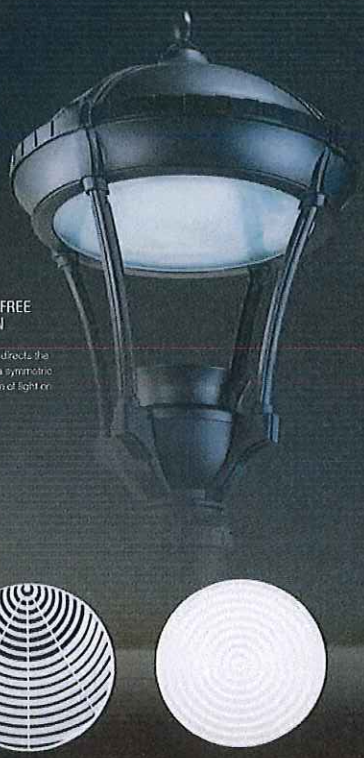
The **Providence Bollard** features a symmetrical horizontal optical system, and employs the most efficient light sources on the market today.

This includes highly efficient LEDs providing Type I, Type 3 or Type 5 distribution, as well as compact fluorescent and the new Mini MasterColor® lamps.

INDIRECT OPTICAL SYSTEM

Specify either the PROS or PROV with AAL's revolutionary indirect optical system for extremely even illumination and improved comfort. The indirect system eliminates uplight for dark sky compliance without an overly bright hot spot of light directly below the fixture. The primary optical system is designed to tightly control upward illumination. This highly engineered optical system results in less than 1% uplight, earning an IES "cutoff" classification.

The lower optical system consists of a lamp and highly polished reflector. The reflector is specifically designed to focus the beam of an ED-17 or T6 metal halide lamp.

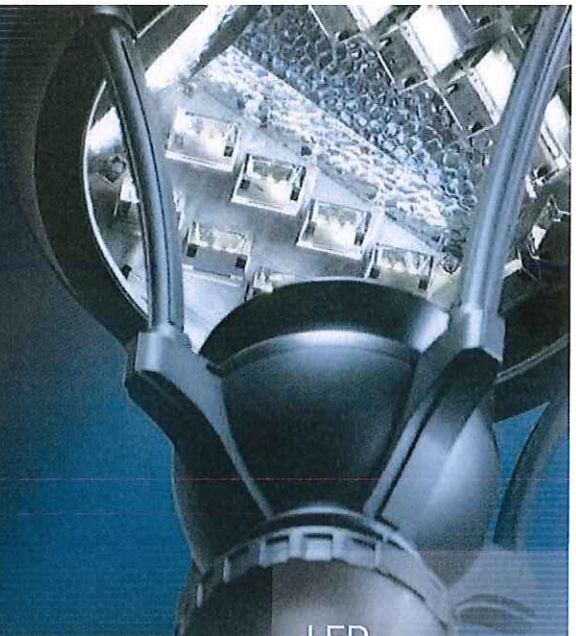


EVEN, GLARE-FREE ILLUMINATION

The upper reflector directs the primary beam into a symmetric or asymmetric beam of light on the ground.

Upper reflector symmetric distribution (Indirect)

Upper reflector asymmetric distribution (Indirect)



AAL is proud to be an official Energy Star Partner and DOE Official SSL Quality Advocate.

LED Exclusive MicroEmitter™ Technology

As part of AAL's Designer SSL Series, Providence Large and Medium scale luminaire features AAL's exclusive **MicroEmitter™ technology** which tightly and precisely controls powerful LED output while minimizing glare.

REVOLUTIONARY TECHNOLOGY

Entire EmitterDeck is Upgradeable as LED Technology Advances

1. Canted MicroEmitter design precisely aims each diode at 70°, 60°, or 50° angles for maximum reach and uniform illumination
2. Glare guard perimeter and center reflectors redirect stray light
3. Deeply regressed sources maximize efficiency while reducing glare
4. Aluminum carrier plates dissipate heat away from

EmitterDeck™ Assembly

COMFORTABLE, UNIFORM ILLUMINATION

CONFIGURATION:	PROV-T3-60LED-BW	
MOUNTING HEIGHT:	12'	
POLE SPACING:	60'	
ROADWAY WIDTH:	48'	
FOOTCANDLES:	1.63 avg	1.63 avg/min
	3.3 max	3.3 max/min
	1.0 min	

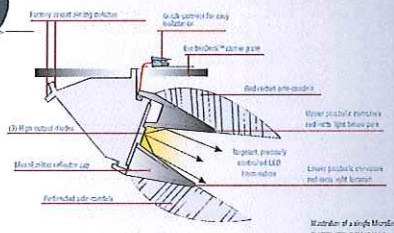
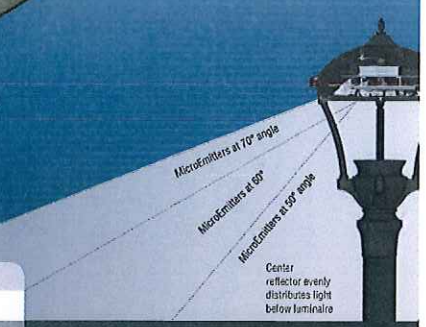


Illustration of a single MicroEmitter at PATENTS PENDING



HOW IT WORKS

The exclusive precision aiming system of AAL's Providence LED ensures that even when looking directly at the luminaire, only one-half of the LEDs can be viewed at any given time. This results in 50% less glare when compared to other exposed, unshielded LED systems. In addition, AAL's MicroEmitters are aimed at various angles to maximize uniformity, improve comfort, and properly direct illumination to the target zone.

up to 50% LESS glare

Compared to exposed, unshielded LED systems.

1 LUMINAIRES

PROV-T2-60LED-WW	IES Type 2 distribution. Warm white (3500K)
PROV-T2-60LED-BW	IES Type 2 distribution. Bright white (5100K)
PROV-T3-60LED-WW	IES Type 3 distribution. Warm white (3500K)
PROV-T3-60LED-BW	IES Type 3 distribution. Bright white (5100K)
PROV-T4-60LED-WW	IES Type 4 distribution. Warm white (3500K)
PROV-T4-60LED-BW	IES Type 4 distribution. Bright white (5100K)
PROV-T5-60LED-WW	IES Type 5 distribution. Warm white (3500K)
PROV-T5-60LED-BW	IES Type 5 distribution. Bright white (5100K)
	60 light emitting diode array (72 watts). Class 1. 120 thru 277 volt. 350mA drive current
PROV-H2	Type 2 horizontal reflector, flat tempered clear glass lens
PROV-H3	Type 3 horizontal reflector, flat tempered clear glass lens
PROV-H4	Type 4 horizontal reflector, flat tempered clear glass lens
PROV-H5	Type 5 horizontal reflector, flat tempered clear glass lens
PROV-V3	Type 3 vertical reflector, tempered clear sag glass lens
PROV-V5	Type 5 vertical reflector, tempered clear sag glass lens
PROV-INDA	Asymmetric indirect, indirect reflective optical system, metal halide ED-17 & T6 lamps only
PROV-INDS	Symmetric indirect, indirect reflective optical system, metal halide ED-17 & T6 lamps only

2 LAMP/BALLAST

CF	Compact fluorescent, electronic 120 thru 277 volt ballast. Use GX24q base, 26, 32 or 42 watt lamp. -18° C minimum starting temp. Direct only.
50MH	50 watt metal halide 120/208/240/277 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.
70MHEB	70 watt electronic metal halide 120 thru 277 volt ballast. Use medium base, ED-17 lamp.
70MHT6	70 watt metal halide 120/277/347 volt ballast. Use G12 base, T-6 ceramic lamp.
70MHT6EB	70 watt electronic metal halide 120 thru 277 volt ballast. Use G12 base, T-6 ceramic lamp.
100MH	100 watt metal halide 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
150PSMH	Pulse start 150 watt metal halide 120/208/240/277 volt ballast. Use medium base, ED-17 lamp.
150PSMHT6	Pulse start 150 watt metal halide 120/208/240/277 volt ballast. Use G12 base, T-6 ceramic lamp.
150MHEB	150 watt electronic metal halide 120 or 277 volt ballast. Use medium base, ED-17 lamp.
150MHT6EB	150 watt electronic metal halide 120 or 277 volt ballast. Use G12 base, T-6 ceramic lamp.
175PSMH	Pulse start 175 watt metal halide 120/208/240/277 volt ballast. Use medium base, ED-17 lamp. For vertical reflector only.
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.
	350mA drive current. All ballasts are factory wired for 277 volts, unless specified. Lamps not included. All applicable ballasts are EISA compliant.

ORDERING INFORMATION
PROV

ORDERING EXAMPLE	
1. LUMINAIRE/LED CONFIGURATION	PROV-T3-60LED-BW
2. LAMP/BALLAST	N/A
3. OPTIONS	PFN
4. COLOR	WHT
5. MOUNTING	TRA55

3 OPTIONS

SPK	Decorative cast aluminum spikes on the top and bottom of the four vertical struts.
PFN	Cast aluminum finial painted a brass color.
BPS	Cast aluminum struts painted a brass color. Spikes also painted brass if chosen.
PCA-T	Rotatable photocell housing.
HSS	House side shield to cut off light behind the pole and shield the lamp from view. HSS not available for Type 5. Factory installed. Not for LED.
LDL	Lightly diffused lens. Frosted, flat tempered glass lens has a lightly diffused finish to minimize the lamp and reflector brightness.
QRS	Restrike controller and T-4 mini-can socket will light following power outage until HID reaches full brightness. (Lamp wattage not to exceed ballast wattage). For horizontal reflector only. Not for LED.
QL	Socket for T-4 mini-can lamp, field wired to a separate circuit. (Lamp wattage not to exceed ballast wattage). Must be field wired to a separate 120 volt circuit. For horizontal reflector only. Not for LED.

4 COLOR

All 13 standard and 5 premium AAL colors available. For RAL, please submit a 4-digit RAL number or color chip for custom colors.

5 MOUNTING

One-piece cast aluminum arms accept the standard 4" slip fitter on the Providence fixture. The arms are powered with quick disconnects for easy installation.

SPECIFICATIONS
PROV

HOUSING
The fixture housing shall be two-piece die-cast aluminum. The internal reflector module is sealed from the outer housing with a one-piece, memory retentive, molded silicone gasket. The tempered flat glass lens shall be sealed to the housing with a silicone gasket. One recessed stainless steel latch shall release the door to allow access to the LED array.

REFLECTOR MODELS – REFLECTOR/LAMP
The upper lamp housing shall be die cast aluminum. The internal reflector module is sealed from the outer housing with a molded silicone gasket. The tempered glass lens shall be sealed to the housing with a silicone gasket. One stainless steel latch shall release the door to allow access the lamp. The reflector module shall be composed of faceted, specular and semi specular anodized aluminum panels rigidly attached in a die cast aluminum housing. The reflector shall be removed without tools by lifting it out of the four spring loaded posts. The reflector tray shall be rotatable on 90° centers for orienting the light distribution. The horizontal and vertical lamp reflectors shall meet ANSI-IES standards for full cutoff reflector systems.

REFLECTOR – BALLAST
The lower ballast housing shall be die cast aluminum. The tool-less ballast access for servicing is accomplished by a quarter turn motion of the top cover. The ballast shall be mounted on a prewired tray with a quick disconnect plug attached to the underside of the cover. HID ballasts are high power factor, rated for -30°C starting. Electronic ballasts for metal halide lamps are sound rated A. Sockets are medium base for ED-17 lamps, G12 for use with T6 lamps. All HID sockets are pulse rated porcelain. Ballasts are wired at the factory for 277 volts, unless specified. Compact fluorescent transformers shall accept 120 to 277 volt input and rated for -18°C starting.

INDIRECT MODELS – LOWER LAMP MODULE
The lower housing shall contain the lamp module. The cover shall be die cast aluminum with a tempered glass lens. The lamp shall be accessed by turning the lamp housing cover a quarter turn. The reflector shall be polished, anodized aluminum with an extremely narrow beam for directing the light to the upper reflector. Sockets are medium base for ED-17 lamps or G12 for use with T6 lamps. All sockets are pulse rated porcelain.

INDIRECT MODELS – UPPER REFLECTOR/BALLAST
The die cast aluminum upper housing shall contain the ballast assembly and the indirect reflector. The ballast shall be mounted on a prewired tray with a quick disconnect plug. The HID ballasts are high power factor, rated for -30°C starting. Ballasts are wired at the factory for 277 volts, unless specified. The indirect reflector is mounted to the underside of the upper housing. The reflector shall be die cast aluminum, finished in a high reflectance white. The indirect reflector models shall be IES classified as cutoff with less than 1% lumen output above 90 degrees.

UPGRADE KITS
Field replaceable upgrade kits are available for PROV-H reflector models. An entire EmitterDeck assembly, including drivers and 20 LED MicroEmitters (60 diodes) for PROV, is provided. See installation instructions for complete details.

ELECTRICAL
120 thru 277 volt. All electrical components are mounted directly to the driver tray for maximum heat dissipation. Class 1 electrical classification. 0 - 10v dimming capabilities. LifeShield™ Protection System included for extreme temperature locations (-30°C to 60°C). 120/277 volt Universal with 9mA maximum input current and 1mA maximum drive current. Input power 0.5 watt for 120 volt and 1.25 watt for 277 volt. The onboard surge protector shall be U.L. recognized and have a surge current rating of 10,000 Amps using the industry standard 8/20uSec wave. The surge protector shall have a clamping voltage of 320V and surge rating of 372J. The case shall be a high-temperature, flame resistant plastic enclosure. LED constant current driver operates at 350mA.

MICROEMITTER™ REFLECTOR
Precision injection molded, high specular reflectors are positioned to achieve directional control toward desired task for IES cutoff classification. Secondary reflectors with a concave, specular medium hammertone finish are used to redirect light downward. No fasteners are placed on the reflective surface. The entire assembly fastens to the housing as a one-piece module and features wiring quick-connects for easy installation. Standard color temperatures are 3500K and 5100K. Rated luminous efficacy for PROV is >40 lm/W, with rated light output of >2861 for 5100K LED, standard mount. MicroEmitters are field replaceable.

INSTALLATION & MOUNTING
The Medium (PROV) Providence shall be factory supplied as a complete, prewired assembly. The PROV fitter shall slip over a 4/100 mm, the PROV fitter shall slip over a 5/127 mm open top pole or 4/100mm arm and be secured and leveled with stainless steel set screws.

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.

CERTIFICATION
The fixture shall be listed with ETL for outdoor, wet location use. Conforms to the UL1598 and Canadian CSA Std. C22.2 no.250 standard. IP55.

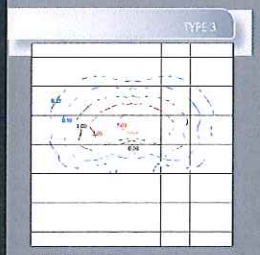
WARRANTY
Providence LED, including housing LEDs and electrical components, is warranted for five years. Providence HID is warranted for 3 years. Any unauthorized return, repair, replacement or modification of the Product(s) shall void this warranty. This warranty applies only to the use of the Product(s) as intended by AAL and does not cover poles, arms, mounting, or any misapplication or misuse of said Product(s), or installation in hazardous or corrosive environments. *Contact AAL for complete warranty language, exceptions, and limitations.

AAL reserves the right to change product specifications without notice.

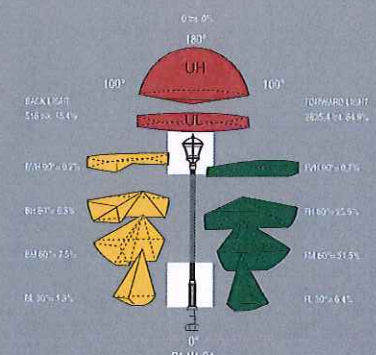
AAL CodeLink™

PROV spec sheet

PHOTOMETRY
PROV

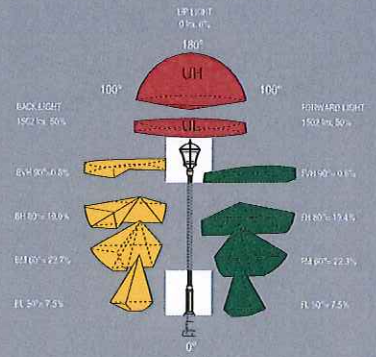


Mounting Height: 12'
Total flux: 3341 lm
Watts: 72.4 W
LPW: 46

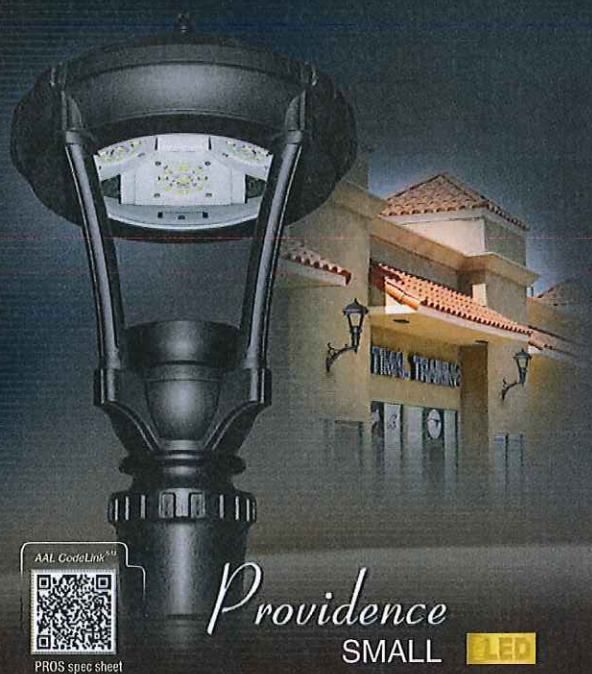


B1 U1 G1

Mounting Height: 12'
Total flux: 3124 lm
Watts: 71 W
LPW: 44



B2 U1 G2



AAL CodeLink™

PROS spec sheet

Providence SMALL LED

1 LUMINAIRES

PROS-X	Horizontal LED.
PROS-DIRS	Symmetric direct reflective optical system. Full cutoff.
PROS-INDA	Asymmetric indirect reflective optical system. 20 watt Mini Mastercolor only.
PROS-INDS	Symmetric indirect reflective optical system. 20 watt Mini Mastercolor only.

2 LAMP/BALLAST

18LED-WW	18 light emitting diode array (16.4 watts). Warm white (3500K). IES Type 1. 120 thru 277 volt.
18LED-BW	18 light emitting diode array (16.4 watts). Bright white (5100K). IES Type 1. 120 thru 277 volt.
27LED-WW	27 light emitting diode array (33.6 watts). Warm white (3500K). IES Type 3. 120 thru 277 volt.
27LED-BW	27 light emitting diode array (33.6 watts). Bright white (5100K). IES Type 3. 120 thru 277 volt.
36LED-WW	36 light emitting diode array (32.7 watts). Warm white (3500K). IES Type 5. 120 thru 277 volt.
36LED-BW	36 light emitting diode array (32.7 watts). Bright white (5100K). IES Type 5. 120 thru 277 volt.
20MMC	20 watt electronic metal halide 120 thru 277 volt ballast. Use PGJ5 base. Mini Mastercolor lamp.
39MMC	39 watt electronic metal halide 120 thru 277 volt ballast. Use PGJ5 base. Mini Mastercolor lamp.
39MHT6EB	39 watt electronic metal halide 120 thru 277 volt ballast. Use G12 base. T-6 ceramic lamp.
70MHT6EB	70 watt electronic metal halide 120 thru 277 volt ballast. Use G12 base. T-6 ceramic lamp.
CF	Compact fluorescent, electronic ballast 120 thru 277 volt. Use GX24q base. 26, 32 or 42 watt lamp. Specify wattage. -18°C minimum starting temp.

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

ORDERING INFORMATION
PROS

ORDERING EXAMPLE	
1. LUMINAIRE	PROS - INDS
2. LAMP/BALLAST	20MMC
3. OPTIONS	SPK
4. COLOR	BLK
5. MOUNTING	TRA590

3 OPTIONS

SPK	Decorative cast aluminum spikes on the top and bottom of the four vertical struts.
PFN	Cast aluminum finial painted a brass color.
BPS	Cast aluminum struts painted a brass color. Spikes also painted brass if chosen.
HSS	House side shield to cut off light behind the pole and shield the lamp from view. HSS not available for Type 5. Factory installed. Not for LED.
LDL	Lightly diffused lens. Frosted, flat tempered glass lens has a lightly diffused finish to maximize the lamp and reflector brightness. Not for LED.

4 COLOR

All 13 standard and 5 premium AAL colors available. For RAL please submit a 4-digit RAL number or color chip for custom colors.

5 MOUNTING

One-piece cast aluminum arms accept the standard 3" slip fitter on the Providence fixture. The arms are pressed with quick disconnects. Wall mounted arms do not include wall mounting hardware. Pole mounted arms use 3/8-16 hardware bolts for attaching to the pole.

SPECIFICATIONS
PROS

REFLECTOR MODELS - REFLECTOR/LAMP
The upper lamp housing shall be die cast aluminum. The internal reflector module is sealed from the outer housing with a one piece, memory retentive, molded silicone gasket. The tempered glass lens shall be sealed to the housing with a silicone gasket. One stainless steel latch shall release the door to allow access to the lamp.

The reflector module shall be composed of a spun, specular aluminum panel rigidly attached in a die cast aluminum housing. The horizontal lamp reflectors (DIRS) shall meet ANSI-IES standards for full cutoff reflector systems.

REFLECTOR MODELS - BALLAST
The lower ballast housing shall be cast aluminum. The tool-less ballast access for servicing is accomplished by a quarter turn motion of the top cover. The ballast shall be mounted on a prewired tray with a quick disconnect plug attached to the underside of the cover. HID ballasts are high power factor, rated for -39°C starting. Electronic ballasts for metal halide lamps are sound rated A. Sockets are medium base, G12 for use with T6 lamps. All sockets are pulse rated porcelain. Ballasts are wired at the factory for 277 volts, unless specified. Compact fluorescent transformers shall accept 120 thru 277 volt input and rated for -18°C starting. The LED driver accepts 120 thru 277 volt input.

INDIRECT MODELS - LOWER LAMP MODULE
The lower housing shall contain the lamp module. The cover shall be die cast aluminum with a tempered glass lens. The lamp shall be accessed by turning the lamp housing cover a quarter turn. The reflector shall be polished, anodized aluminum with an extremely narrow beam for directing the light to the upper reflector. Sockets are PGJ5 for use with BT-5 lamps. All sockets are pulse rated porcelain.

INDIRECT MODELS - UPPER REFLECTOR/BALLAST
The die cast aluminum upper housing shall contain the ballast assembly and the indirect reflector. The ballast shall be mounted on a prewired tray with a quick disconnect plug. The HID ballasts are high power factor, rated for -30°C starting. Ballasts are multi-tap, wired at the factory for 277 volts. The indirect reflector is mounted to the underside of the upper housing. The reflector shall be die cast aluminum, finished in a high reflectance white. The indirect reflector models shall be IES classified as cutoff with less than 1% lumen output above 90 degrees.

INSTALLATION & MOUNTING
The PROS shall be factory supplied as a complete, prewired assembly. The fixture shall slip over a 3"/75mm open top pole or 4"/100mm pole mounted arm and secured and leveled with 3 stainless steel set screws.

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.

CERTIFICATION
The fixture shall be listed with ETL for outdoor, wet location use, UL1598 and Canadian CSA Std. C22.2 no 250. IP-55.

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.

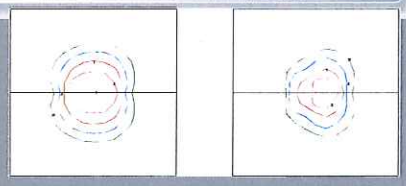
AAL reserves the right to change product specifications without notice.

AAL CodeLink℠

PROS spec sheet

PHOTOMETRY
PROS

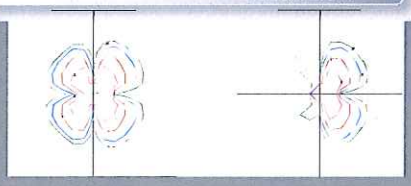
PROS-TG
42 BEL - BSS



CONVERSION TABLE
1.0 LLF GROUNDS = MTG. HT

	FIXTURE MTG. HT. (IN FEET)			
WATTAGE	10	12	14	16
42CF	1.00	0.69	0.51	0.39

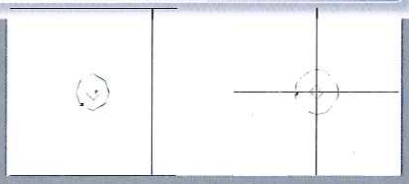
PROS-HS-70MH-BSS
70 WATT CMH - T6 LAMP



CONVERSION TABLE
1.0 LLF GROUNDS = MTG. HT

	FIXTURE MTG. HT. (IN FEET)			
WATTAGE	10	12	14	16
70MHTR	1.00	0.69	0.51	0.39

PROS-HDS-20MH
20 WATT CMH - T4.5 LAMP



CONVERSION TABLE
1.0 LLF GROUNDS = MTG. HT

	FIXTURE MTG. HT. (IN FEET)			
WATTAGE	10	12	14	16
20MHQ	1.00	0.69	0.51	0.39

AAL CodeLink™

PROB spec sheet

Providence BOLLARD LED

ORDERING INFORMATION
PROB

ORDERING EXAMPLE

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

1 LUMINAIRES

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.

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 COLOR

All 13 standard and 5 premium AAL colors available. For RAL, please submit a 4-digit RAL number or color chip for custom colors.

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

SPECIFICATIONS
PROB

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 lifting 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 modules 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.

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

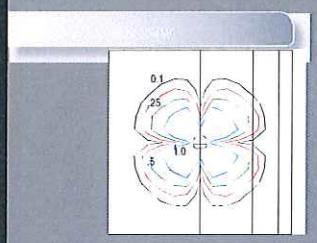
WARRANTY
Fixture is warranted for three years. Ballast components carry the ballast manufacturer's limited warranty. Any unauthorized return, repair, replacement or modification of the Product(s) shall void this warranty. This warranty applies only to the use of the Product(s) as intended by AAL and 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.

AAL reserves the right to change product specifications without notice.

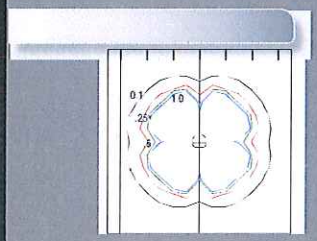
AAL CodeLink™

PROB spec sheet

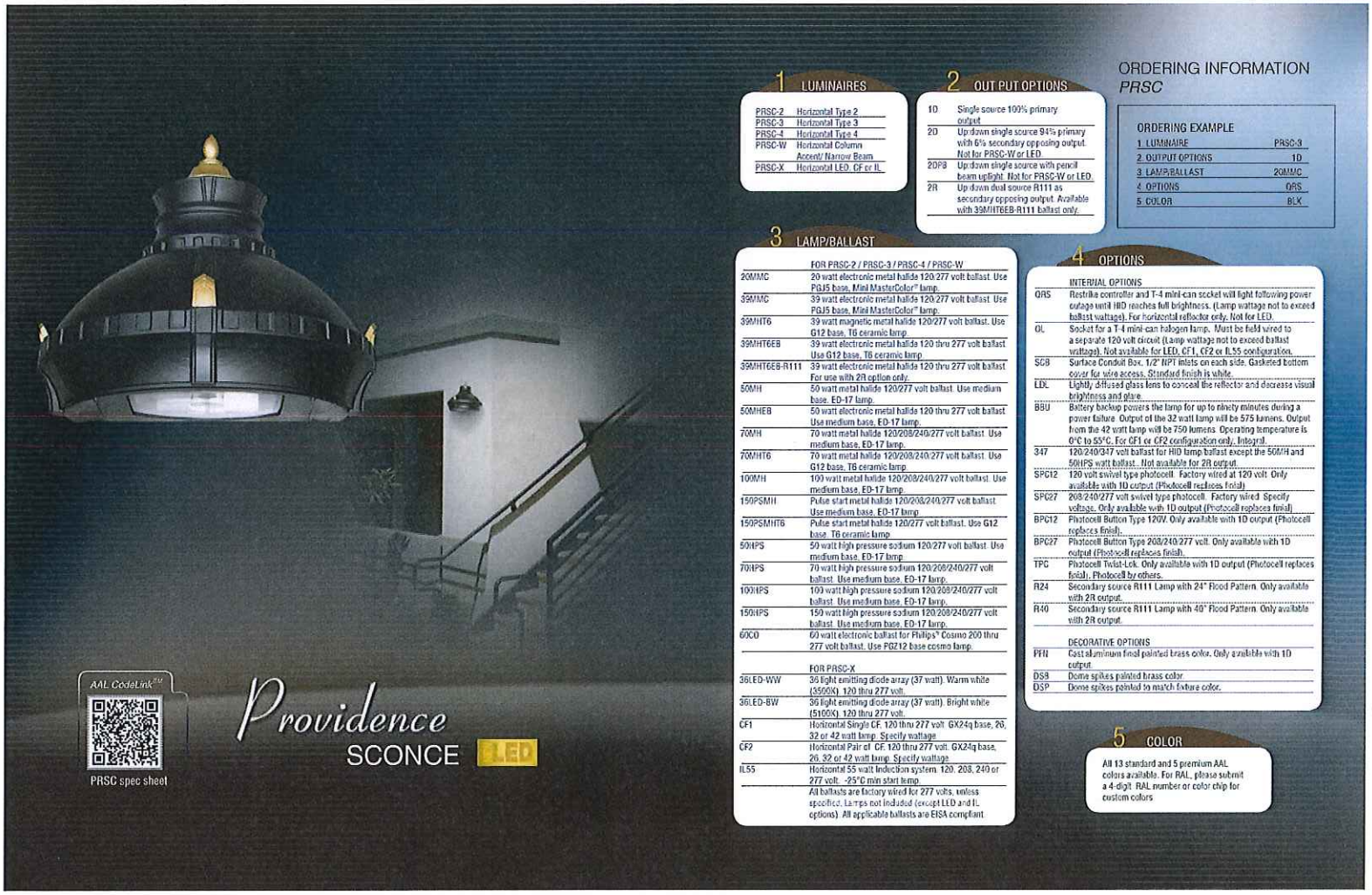
PHOTOMETRY
PROB



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.



CONVERSION TABLE 72 LF GRID LINES = MTG. HT.	
	FIXTURE MTG. HT. (IN FEET)
WATTAGE	3.5
20MHG	1.50
34MHG	1.85



AAL CodeLink™

PRSC spec sheet

Providence SCONCE LED

ORDERING INFORMATION
PRSC

ORDERING EXAMPLE	
1 LUMINAIRE	PRSC-3
2 OUTPUT OPTIONS	1D
3 LAMP/BALLAST	20MMC
4 OPTIONS	ORS
5 COLOR	BLK

1 LUMINAIRES

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 OUT PUT 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 uplight. 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 PG12 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.

4 OPTIONS

	INTERNAL OPTIONS
ORS	Restrike controller and T-4 mini-can socket will light following power outage until HID reaches full brightness. (Lamp wattage not to exceed ballast wattage). For horizontal reflector only. Not for LED.
OL	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" 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
PFH	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.

5 COLOR

All 13 standard and 5 premium AAL colors available. For RAL, please submit a 4-digit RAL number or color chip for custom colors

SPECIFICATIONS
PRSC

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.

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.

AAL reserves the right to change product specifications without notice.

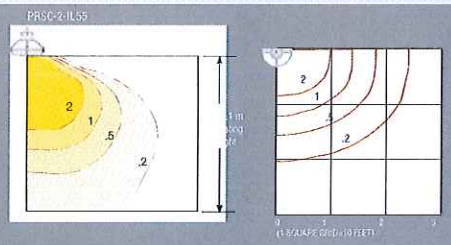
AAL CodeLink℠

PRSC spec sheet

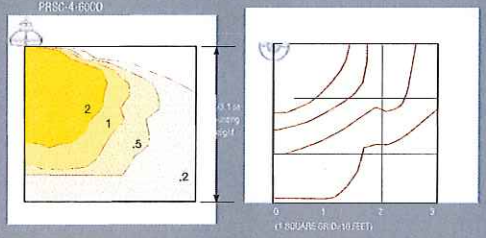
PHOTOMETRY
PROB

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

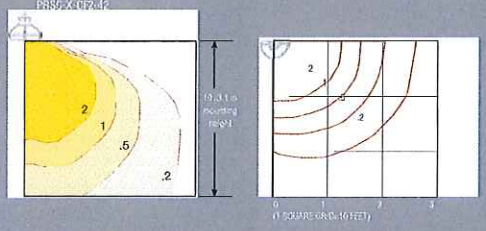
PRSC-2-IL55

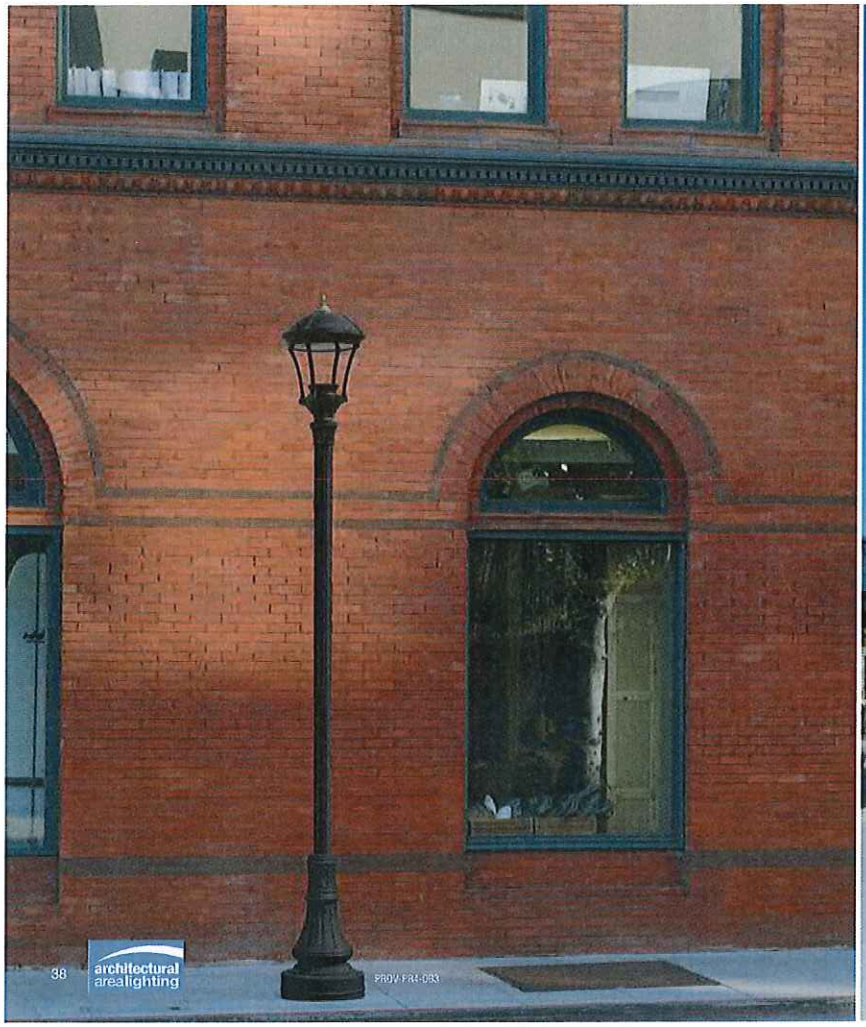


PRSC-4-I60CD



PRSC-X-CF7-J2

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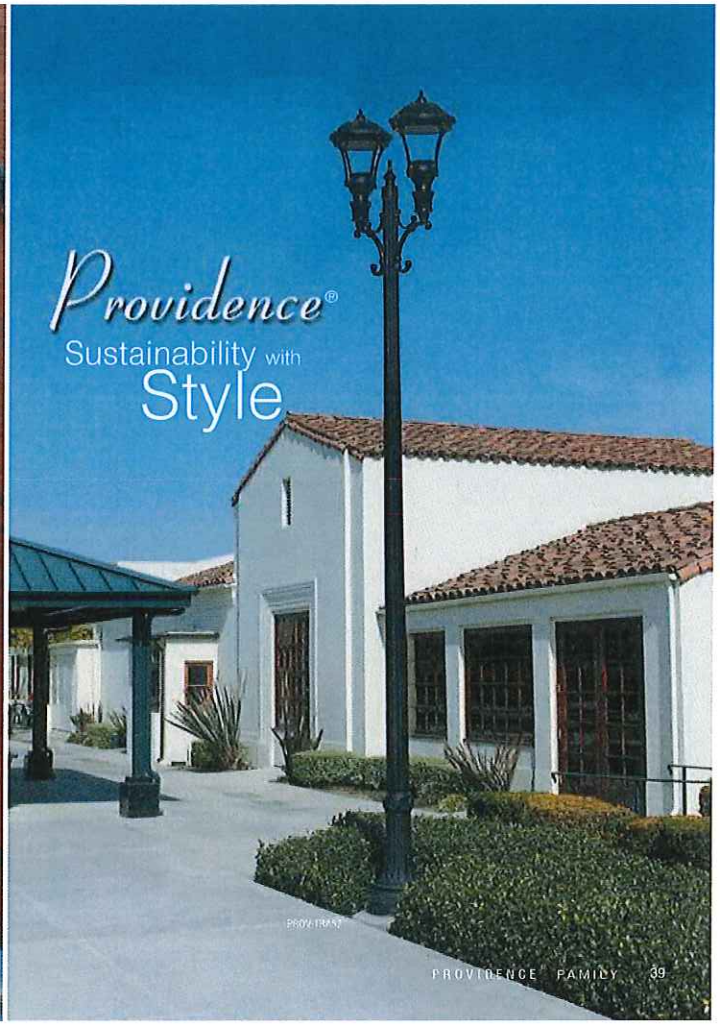

Providence®
Sustainability with
Style
PROV-FA1-

* Gas Options

The Essex

Model 1900

The Essex captures the folklore of the English countryside with its simple, four-sided design and graceful, curving roof-line. Inspired by the green by-ways and quaint villages of the Thames Estuary, the Essex Lamp benefits from that country's unique blend of rural tradition and urban elegance. The gently sloping roof of the Essex Lamp complements a wide range of architectural styles.

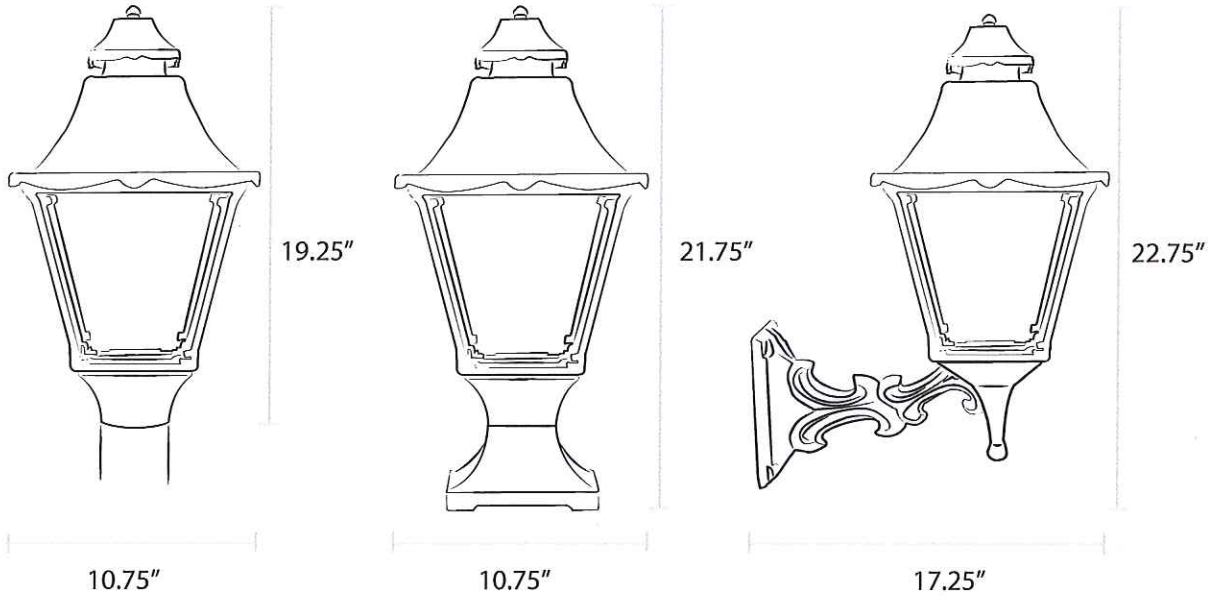
Post Mount

Wall Mount

Pier Mount

As shown with Universal finial

The Essex



Product Overview:

- Sand cast aluminum
- CSA approved valve
- Flat tempered glass included; additional glass options available*
- Universal finial included; decorative finials available*

Installation Options:

- Post mount fits standard 3" outside diameter post
- For wall mount, combine with our Four-Sided Decorative Bracket or Universal Bracket
- For pier mount, combine with our Four-Sided Pier Mount or Heritage Pier Mount

Illumination Options:

Mantle Gas | Open Flame Gas | GasGlow© LED* | Candelabra Base

Finish Options:

- Available in all finish options

**Additional charges may apply*