



*Fair Oaks*TM
..... **Bollard** Collection



ARCHITECTURAL AREA LIGHTING

ENERGY EFFICIENCY

The light sources employed in the Fair Oaks™ Collection of bollards are the most efficient sources commercially available today, including energy efficient LED, metal halide and compact fluorescent.

LONGEVITY

AAL manufactures its products to have a life span as long as the buildings and spaces 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. 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 state-of-the-art finishing system uses eco friendly cleansing and preparation chemicals. Finally, AAL makes the Fair Oaks™ Collection of bollards, like all AAL products, with renewable materials such as aluminum and stainless steel.

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CodeLinkSM



INSTANTLY retrieve AAL product spec sheets by scanning the codes with any Smartphone and QR reader.

See pages 4 and 8



FairOaks[™]

..... **Bollard** Collection

A complete line of
distinctively styled,
decorative bollards

.....



Fair OaksTM

Bollard Collection | **Federal Style**

CodeLinkSM



Scan code to
download Fair
Oaks Federal Style
bollards (FCB1/
FCB3) spec sheets

ORDERING INFORMATION — FCB1/FCB3

1. BOLLARD

FCB1

FCB1-C	Decorative bollard with clear acrylic lens
FCB1-F	Decorative bollard with frosted acrylic lens
FCB1-PC	Decorative bollard polycarbonate lens
FCB1-PF	Decorative bollard with frosted polycarbonate lens
FCB1-UN	Decorative bollard unlit. Solid shaft.

Dim: 7.31" W x 42" HT Wt:41 lbs

FCB3

FCB3-C	Decorative bollard with clear acrylic lens
FCB3-F	Decorative bollard with frosted acrylic lens
FCB3-PC	Decorative bollard with clear polycarbonate lens
FCB3-PF	Decorative bollard with frosted polycarbonate lens
FCB3-UN	Decorative bollard unlit. Solid shaft.

Dim: 7.25" W x 42" HT Wt:41 lbs

2. LAMP/BALLAST

50MH	50 watt metal halide ballast 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.
70MHT6	70 watt metal halide 120/277/347 volt ballast. Use G12 base, T-6 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 120 thru 277 volt ballast. Use G12 base, T-6 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.
CF	Compact fluorescent electronic 120 thru 277 volt ballast. Use GX24q 4-pin 26, 32 or 42 watt lamp. -18° min. start temp. Specify wattage.

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

ORDERING EXAMPLE

1. BOLLARD	FCB1-F
2. LAMP/BALLAST	70MH
3. COLOR	WRZ
4. OPTIONS	90S

3. 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.

4. OPTIONS

90S	House side shield, 90 degrees
180S	House side shield, 180 degrees
FS1	Single weatherproof fuse holder. Fuse by others.
FS2	Double weatherproof fuse holder. Fuse by others.
GFI	Ground fault interrupter
CE1	Chain eyes, single
CE2	Chain eyes, double

SPECIFICATIONS

HOUSING

The bollard shall be cast aluminum. Aluminum shall be certified as pure #356 alloy, free of any porosity, foreign materials, or cosmetic fillers. All extruded aluminum parts shall be alloy 6061-T6, 6063-T5 or equal. The lens shall be one-piece formed acrylic, sealed in the housing to prevent dust, insect or moisture contamination.

ELECTRICAL

The electrical assembly shall be comprised of a high power factor ballast, designed to operate an HID lamp (by others) up to 70 watts and shall be integrally mounted to a removable aluminum tray with nonferrous brackets and fasteners. The medium base porcelain sockets are 4KV rated. Ballasts are wired at the factory for 277 volt, unless specified.

MOUNTING

The bollard shall be secured to the base with three stainless steel bolts. The 5/8" x 18" anchor bolts, double hex nuts and flat washers shall be hot dipped galvanized steel.

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 all U.S. EISA requirements. All applicable products manufactured for sale in the United States after January 1, 2009, meet EISA requirements.

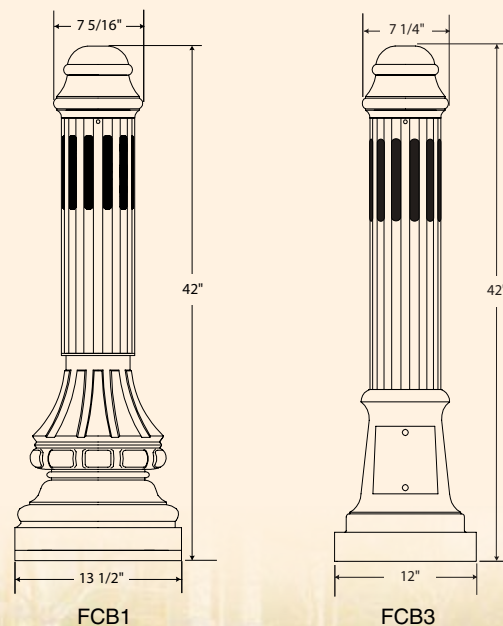
CERTIFICATION

The fixture is listed with ETL for outdoor, wet location use. Conforms to UL1598 and Canadian CSA Std., C22.2 no.9. IP Rating: 55

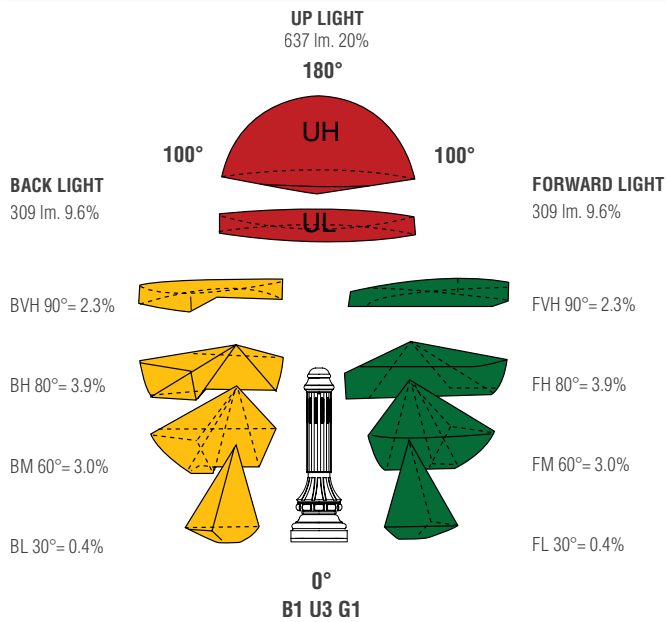
WARRANTY

Bollard 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.

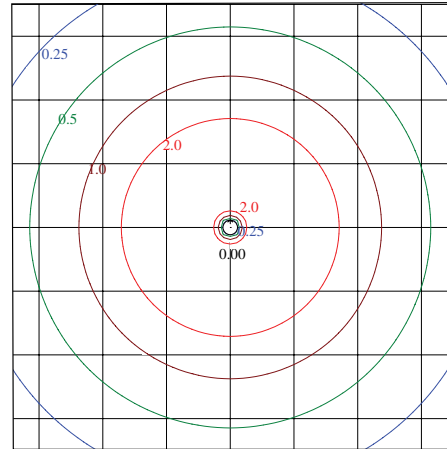
AAL reserves the right to change product specifications without notice.



FCB1 – Compact Fluorescent, 42W, symmetric

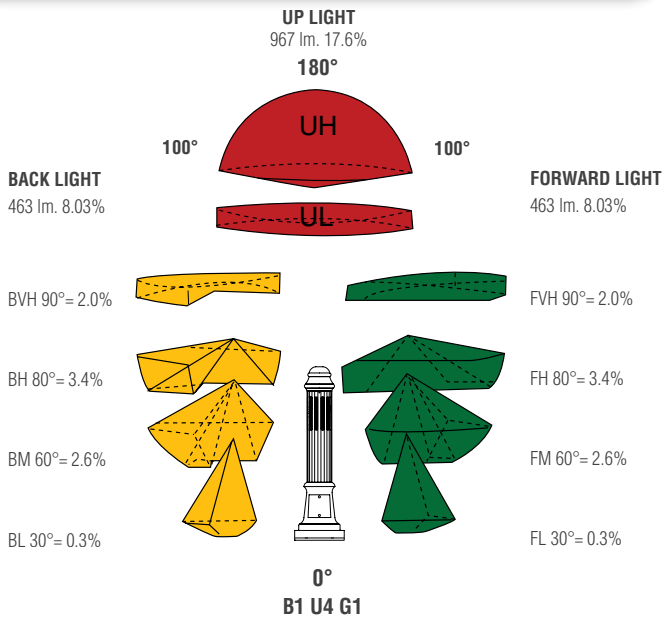


FCB1 42CF

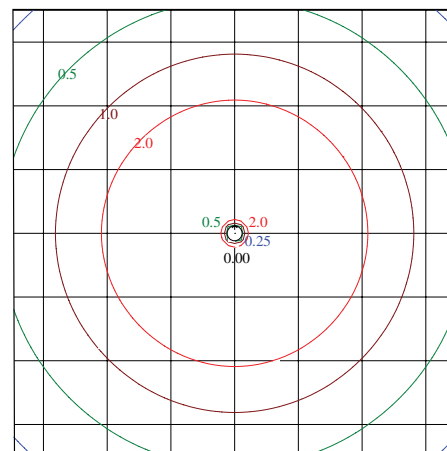


MOUNTING HEIGHT: 32"
TOTAL FLUX: 3200 LM
WATTS: 46W LPW: 70

FCB3 – Metal Halide, 70W, symmetric



FCB3 70MH



MOUNTING HEIGHT: 32"
TOTAL FLUX: 5500 LM
WATTS: 90W LPW: 61



Fair Oaks™

Bollard Collection | **Colonial Style**

CodeLinkSM



Scan code to
download Fair
Oaks Colonial
bollards (FCB5)
spec sheet

ORDERING INFORMATION — FCB5

1. BOLLARD

FCB5

FCB5-C	Decorative bollard with clear acrylic lens
FCB5-F	Decorative bollard with frosted acrylic lens
FCB5-PC	Decorative bollard with clear polycarbonate lens
FCB5-PF	Decorative bollard with frosted polycarbonate lens
FCB5-GR3	Decorative bollard with clear acrylic lens. Type 3 distribution.
FCB5-GR5	Decorative bollard with clear acrylic lens. Type 5 distribution.
FCB5-ILV	Decorative bollard with clear acrylic lens, internal louvers. Type 5 distribution.
FCB5-ELV	Decorative bollard with clear acrylic lens, external louvers. Type 5 distribution.
FCB5-LED	Decorative bollard with clear acrylic lens, indirect LED. Type 5 distribution.
FCB5-UN	Decorative bollard unlit

Dim: 7" W x 42" HT Wt: 46 lbs

2. LAMP/BALLAST

50MH	50 watt metal halide ballast 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.
70MHT6	70 watt metal halide 120/277/347 volt ballast. Use G12 base, T-6 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 120 thru 277 volt ballast. Use G12 base, T-6 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.
CF	Compact fluorescent electronic 120 thru 277 volt ballast. Use GX24q 4-pin 26, 32 or 42 watt lamp. -18° min. start temp. Specify wattage.
24LED-WW	24 light emitting diode array (53 watt). 120 thru 277 volt. Warm white (3500K). Available with LED bollard only. 700 mA drive current.
24LED-BW	24 light emitting diode array (53 watt). 120 thru 277 volt. Bright white (5100K). Available with LED bollard only. 700 mA drive current.

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

ORDERING EXAMPLE

1. BOLLARD	FCB5-F
2. LAMP/BALLAST	70MHEB
3. COLOR	BLK
4. OPTIONS	180S

3. 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.

4. OPTIONS

90S	House side shield, 90 degrees
180S	House side shield, 180 degrees
FS1	Single weatherproof fuse holder. Fuse by others.
FS2	Double weatherproof fuse holder. Fuse by others.
GFI	Ground fault interrupter
CE1	Chain eyes, single
CE2	Chain eyes, double
UB6	6" ball finial. Only available with unlit (UN) bollard

SPECIFICATIONS

HOUSING

The bollard shall be cast aluminum. Aluminum shall be certified as pure #356 alloy, free of any porosity, foreign materials, or cosmetic fillers. All extruded aluminum parts shall be alloy 6061-T6, 6063-T5 or equal. The lens shall be one-piece formed acrylic, sealed in the housing to prevent dust, insect or moisture contamination.

ELECTRICAL

The electrical assembly shall be comprised of a high power factor ballast, designed to operate an HID lamp (by others) up to 70 watts and shall be integrally mounted to a removable aluminum tray with nonferrous brackets and fasteners. The medium base porcelain sockets are 4KV rated. Ballasts are wired at the factory for 277 volts, unless specified.

The LED drivers accept 120 thru 277 volt input and are driven at 700mA. The 24 light emitting diode array are available in warm white (3500K) or bright white (5100K).

MOUNTING

The bollard shall be secured to the base with three stainless steel bolts. The 5/8" x 18" anchor bolts, double hex nuts and flat washers shall be hot dipped galvanized steel.

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

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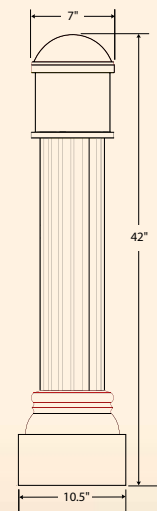
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WARRANTY

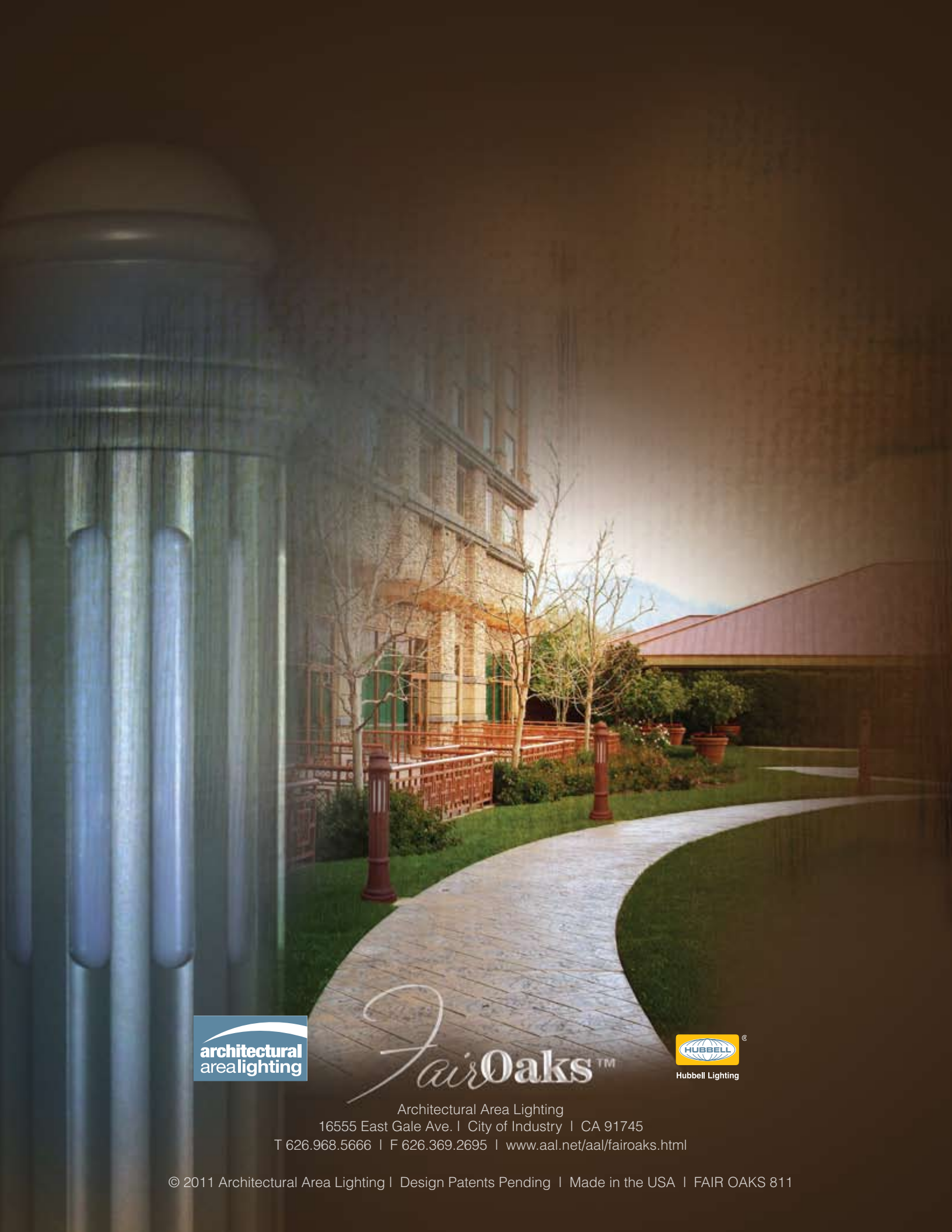
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FCB5





Fair Oaks™



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