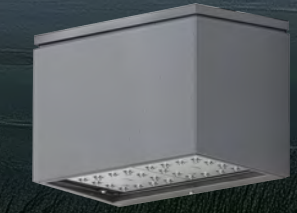# QBIX

## ARCHITECTURAL SCONCE

## Innovative Design
## Superior Performance

*LIGHTING TAILORED TO COMPLEMENT*

QBIX Compact

QBIX Medium

Introducing the QBIX Architectural Sconce Series, a groundbreaking line of dual-purpose wall-mounted exterior lighting fixtures designed to elevate both the functionality and aesthetic of any façade. Available in two distinct sizes: an elegant square compact version, the QBIX Compact (QBX-C), and a versatile rectangular option, the QBIX Medium (QBX-M). The QBIX Series seamlessly blends innovative functionality with minimalistic aesthetics to complement any outdoor structure.

The QBIX Series creates beautiful and intentional light emanating from a refined, minimalistic design. Illuminated beams create poetry with the play of light upon the surface and its surroundings. The QBIX's line of configurable optical options tailor the light's aesthetic and performance to fit a variety of applications. Whether you're illuminating an office building, hotel, shopping center, entertainment complex, or educational campus, the QBIX fixtures offer the perfect blend of style and practicality. Embrace the versatility and elegance of the QBIX Series, where innovative design meets superior performance in outdoor lighting solutions.

## ILLUMINATE YOUR SPACE WITH PRECISION

The QBIX family is engineered to provide a unique combination of downward area lighting and upward or downward accent lighting, creating a dynamic interplay of light that enhances both setting and visibility. The downward area lighting effectively illuminates pathways, entrances, and patios, ensuring safety and visibility after dark.

In contrast, the Accent Lighting selection, which offers 3 versatile illumination options: Narrow-Spot, Medium and Wide, beautifully highlights and accentuates architectural features, adding depth and character to your exterior walls, transforming ordinary spaces into extraordinary experiences. This adaptability allows users to customize the ambiance with precision, enhancing the overall aesthetic of any outdoor space.

### Narrow-Spot (~14°)
Very narrow which can help to highlight narrow architectural elements like columns or recesses, or just provide a dramatic pencil-beam effect.

### Medium (16° x 47°)
Helps to highlight and wash a wider area of walls, with a very narrow beam in the direction off of the wall which helps to enhance the texture of the wall and create a dramatic effect of light and shadows.

### Wide (17° x 75°)
Similar to the Medium in creating drama, but evenly illuminates a much wider area of wall to create a seamless and uniform area of light across multiple fixtures.

**NARROW-SPOT**

**MEDIUM**

**WIDE**

# Built to Last
## *Designed to Shine*

The QBIX Architectural Sconce is a robust lighting solution designed for durability and resilience in various outdoor conditions. Constructed from high-quality, weather-resistant materials, this fixture is built to withstand the harsh elements that outdoor lighting can face, including moisture, UV exposure, and temperature fluctuations. The QBIX is crafted from highly durable and corrosion resistant A365 aluminum alloy with a low copper content of less than 0.2%, ensuring that the fixture maintains its structural integrity over time, minimizing the risk of corrosion.
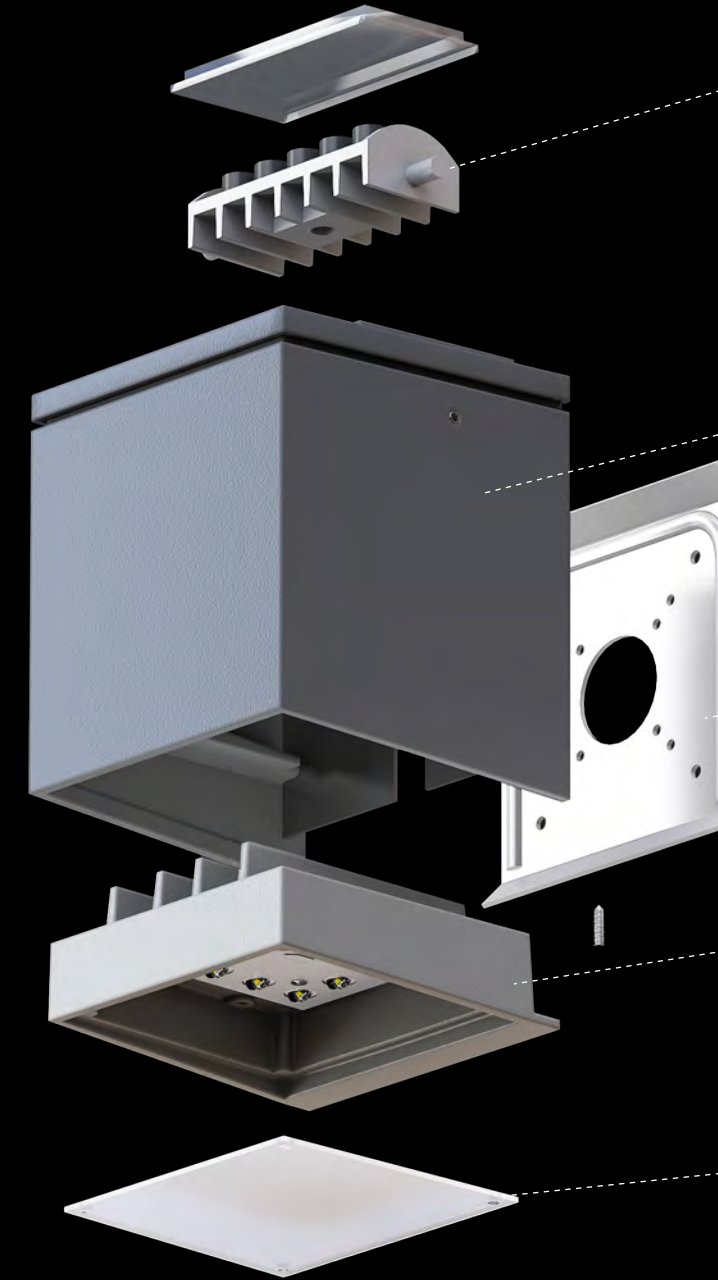
### ALED™ Accent Module
Custom designed lighting module tuned for façade illumination. Integral Heat sink and Metal Clad PCB to maximize lifetime, ensuring lumen maintenance (L70) exceeds 50,000 hours. Impact, shatter, and UV resistant Acrylic Lens with enhanced optical clarity and and minimal light loss. Mechanically sealed with a heat-resistant Silicon Gasket to exceed IP65 standards.

### Housing
Heavy wall, low copper cast aluminum alloy (A356 alloy, <0.2% copper) manufactured for high durability and corrosion resistance. All hardware is stainless steel. Super TGIC polyester powder coating applied onto Housing Surface pretreated with a four-stage process for maximum adhesion and color retention.

### Installation Support Bracket
High durability 6061-T6 mounting bracket and independently mounts to the wall bracket or junction box for ease of installation. QBIX mounts over the Installation Support Bracket and secured tightly with a retention set screw.

### PLED™ Downlight Module
US Architectural's proprietary site and area PLED™ optic system - includes high intensity capable LEDs and custom designed IP66-sealed PMMA acrylic refractive optics tuned for 18 unique site and area beam distributions.

### Ambience Low Luminance Lens
Optional Ambience Lens (AL) enables low luminance reduced glare distributions. Custom designed lens diffuses the PLED™ Optics and provides a more uniform luminance across the aperture reducing glare at all angles.

# Custom Brightness
## Compact Design

## PLED™ Optical Module - Area Down Light

U.S. Architectural Lighting's PLED™ Optical Module, a leading Lighting System for Site and Area Lighting, delivers the highest performance in the industry. Available in 6 unique distributions, with optional Ambience lens for Low Glare and pedestrian scale heights.

Optional house side shields are available to cover each optic. Panels are field replaceable and field rotatable in 90° increments. All PLED™ fixture optical options provide a "U0" no uplight optical package and are dark sky friendly.

II

II-FR

III-M

III-W

IV

IV-FT

**Ambience™ Lens**

ASY
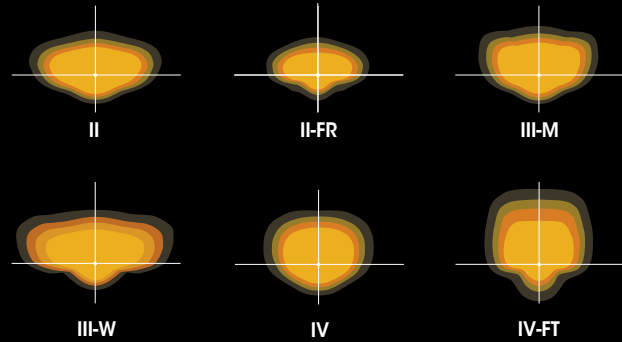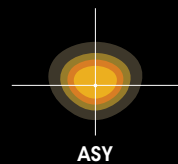
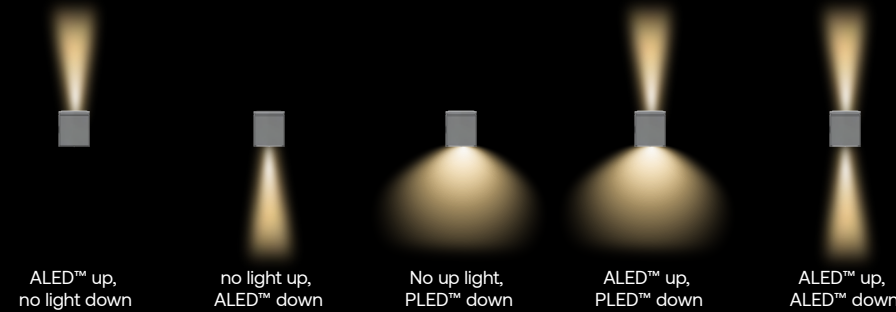## ALED™ Optical Module - Accent Light

ALED™ is the newest performance lighting module from U.S. Architectural Lighting. It incorporates specifically sourced LEDs, has unique collimating optics for tight beam and asymmetric and utilizes holographic diffusers to further tune and shape the light beam.

This innovative, and field aimable optical system delivers the lighting beam and the footcandles where you want it to highlight, enhance, and provide drama for your building and its architectural elements.

Narrow-Spot
(~14°)

Medium
(16° x 47°)

Wide
(17° x 75°)
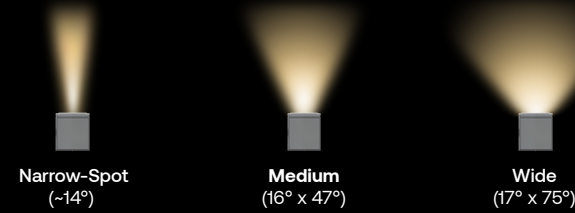
## Optical Configurations

With its modular design that enables PLED™ and ALED™ modules to be interchangeable, the QBIX is a miniature but mighty fixture that delivers maximum performance for its size.

ALED™ up,
no light down

no light up,
ALED™ down

No up light,
PLED™ down

ALED™ up,
PLED™ down

ALED™ up,
ALED™ down

## Field Adjustable

Patented field accessible hex socket Aiming Port on the Housing enables +/- 10-degree rotation of the ALED™ Accent Light Module, allowing the beam to easily be adjusted on-site.

- • Ensure the vision of the architect and lighting designer are achieved

- • Correct imperfections in the straightness of the wall

- • Aim beam intensity location or shadowing to enhance drama and ensure fixture-to-fixture uniformity

- • Minimize stray light pollution

# Small in Size
## Big on Function

QBIX, the only Architectural Sconce to provide exceptional Site and Area Lighting with Specification Grade Architectural façade lighting, is a flexible Dual Purpose Architectural Sconce Luminaire. While Others compromise, particularly when it comes to Architectural/Flood lighting, the QBIX offers light output and optic quality at the highest level for both Site and Area and Architectural Flood/Accent. As the only Architectural Accent/Flood module able to be aimed like a real Architectural lighting fixture, with the QBIX both options are available together or separately. The choice is yours to make.
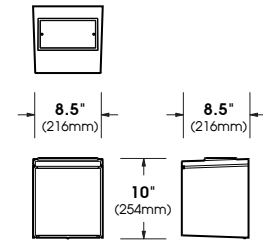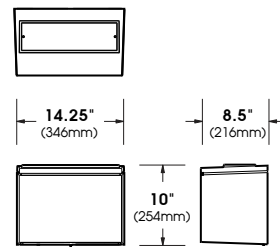
The QBIX proves that great things come in small packages. Its compact size conceals its impressive functionality, and does it all with style and efficiency, delivering powerful, wide-reaching light output and versatile features that rival much larger fixtures. Small in size but big on function, the QBIX is the perfect solution for those seeking performance without compromise.

8.5" (216mm)  8.5" (216mm)
10" (254mm)

**QBIX Compact**
(QBX-C)

14.25" (346mm)  8.5" (216mm)
10" (254mm)

**QBIX Medium**
(QBX-M)

## Ordering Information

Spec/Order Example: QBX-C-PD/PLED-IV-FT/26W-16L-30K/UNV/9005-T/SP

| Luminaire | Optics | LED | | Voltage | Finish | Options |
|---|---|---|---|---|---|---|

**Luminaire**

QBX-C-AU (Accent Up, No Down Light)

QBX-C-AD (No Up Light, Accent Down)

QBX-C-PD (No Up Light, Area Down)

QBX-C-AP (Accent Up, Area Down)

QBX-C-AA (Accent Up, Accent Down)

QBX-M-AU (Accent Up, No Down Light)

QBX-M-AD (No Up Light, Accent Down)

QBX-M-PD (No Up Light, Area Down)

QBX-M-AP (Accent Up, Area Down)

QBX-M-AA (Accent Up, Accent Down)

**Optics**

ALED™ Distribution Type
Accent Light Up/Down

NS Narrow-Spot (~14°)

MW MED-ASY (16° x 47°)

WW WIDE-ASY (17° x 75°)

PLED™ Distribution Type
Area Down

PLED-II

PLED-II-FR

PLED-III-M

PLED-III-W

PLED-IV

PLED-IV-FT

Ambience™ Lens Options: (PLED™ only)

AL-ASY

**LED**

Wattage & Drive Current

Accent Up/Down

30W - 875mA
24W - 700mA
18W - 525mA
12W - 350mA

Area Down

44W - 875mA
35W - 700mA
26W - 525mA
17W - 350mA

Accent Up/Down

60W - 875mA
48W - 700mA
36W - 525mA
24W - 350mA

Area Down

88W - 875mA
70W - 700mA
52W - 525mA
34W - 350mA

# of LEDs

10L

16L

20L

32L

Color Temp - CCT

27K (2700K)
30K (3000K)
40K (4000K)
50K (5000K)

Consult Factory for Other LED Color, CCT, & CRI Options

TRA[1] True Amber

Color Index

CRI80[2]

CRI70[3]

**Voltage**

UNV (120-277)

347

480

**Finish**

Standard Textured Finish

Black 9005-T

White 9003-T

Grey 7004-T

Dark Bronze 8019-T

Green 6005-T

Premium Finishes

Rust

Patina Copper PGC

For smooth finish replace suffix "T" with suffix "S" (Example: 9500-S)

Consult factor for custom colors

**Options**

Internal House Side Shield (PLED™ only)  HS

Single Fuse (120V, 277V)  SF

Double Fuse (208V, 240V)  DF

Emergency Driver  EM

Dimming Controls*

0V-10V (Standard)

Blue-Tooth Programmable Photo/Motion Sensor (Factory - Motion 50/100; Photo 75fc)  MS-F311

Microwave Sensor  MWS

DMX/RDM  DMX

DALI  DALI

3rd Party Controls (Please specify)*

*NOTES: Compatible with all major OEM control systems, ex. NLight, Limelight, Enlighted, please contact factory for details.

NOTES:
1 - 700mA & 875mA not for use with TRA LED's
2 - CRI80 standard on ALED™, optional on PLED™
3 - CRI70 for use with PLED™ only

QBIX

**U.S. ARCHITECTURAL LIGHTING**

**U.S. POLE COMPANY**   660 West Avenue O, Palmdale, California  93551   661.233.2000   **www.usaltg.com**

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