PROFESSIONAL
OUTDOOR LIGHTING

Type: EC

Model:

Project: WEBSTER ISB

# SPECIFICATION SHEET

## MODEL 1043 Architectural Series • Up & Accent

### FIXTURE SPECIFICATIONS:

**DOOR:**
Die-cast, low copper content, A360 aluminum offers maximum corrosion protection. Stainless steel fasteners affixed to a minimalistic styled flat door (standard). Door is designed to shed water from the lens surface.Also available as an accessory is a die-cast medium shield **CS**.

**HOUSING:**
Die-cast A360 aluminum. Optic and driver compartment separately sealed while being electrically connected. Housing aiming achieved via a Vista patented Infinity Knuckle (see MOUNTING).

**FINISH:**
Durable powder coat finish available in Glossy Gray, Black, Architectural Bronze, Dark Bronze, Verde, Pewter, Architectural Brick, Granite, Terracotta, Rust, Hunter Green, Mocha, Special Bronze, Weathered Bronze, Weathered Iron, and White. Custom Powder coat finishes available on request.

**LED:**
Cree® MT-G2 High Density Array (HDA) driven at 500mA, 700mA, 750mA, 1000mA, 1400mA, or 1750mA.

**COLOR TEMPERATURE:**
LED's are offered in 3000°K, 3500°K, 4000°K, or 5000°K CCT ANSI white 4 step Cree® Easy White™ bins

**LIGHT DISTRIBUTION:**
Very Narrow Spot **VNS** (16° FWHM), Narrow Spot **NS** (19° FWHM), Medium Flood **MF** (30° FWHM), and Wide Flood **WF** (46° FWHM).

**REFLECTOR:**
High-purity, vacuum metalized, specular or semi-specular optics designed for maximum performance and uniformity. Very Narrow Spot **VNS** optic incorporates an internal source shield to eliminate unwanted glare outside the beam pattern.

**LENS/SEAL:**
2.7 mm thick tempered and seamed clear glass sealed with a closed cell molded silicone gasket.

**WIRING:**
Prewired with 150° C-rated wire.

**DRIVER:**
Integral CUL listed LED driver. Non-dimmable **(ND)**, dimming drivers available in 0-10V **(010)**, TRIAC dimming (120V input only) **(LE)** or ELV dimming **(TE)**.

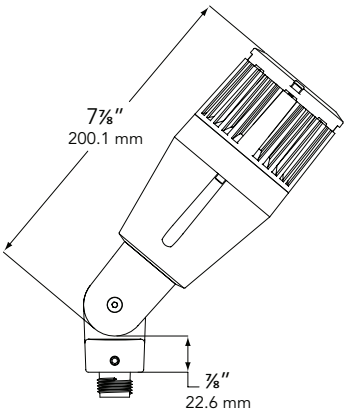
**ACCESSORIES:**
Barn Doors **BD**, Full Shield **FS**, and Half Shield **HS** available. Accessories are attached into pre-existing slots located on the underside of the fixture door providing for a fastener free appearance.

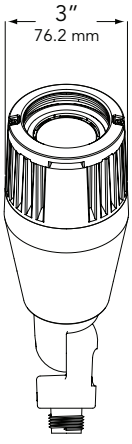
**MOUNTING:**
Infinity Knuckle - Die-cast, copper-free aluminum with stainless steel stem. A fully sealed spherical grommet allows infinite adjustment capabilities.

**CERTIFICATION:**
UL & CUL wet location certified.

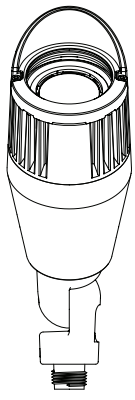
All Vista luminaires are **MADE IN THE U.S.A.**

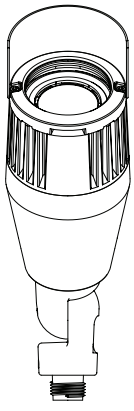
### DIMENSIONS:

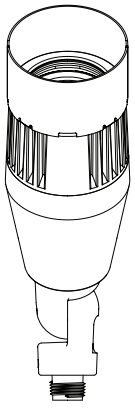


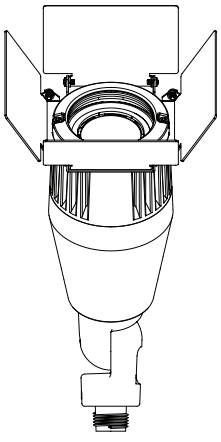



STANDARD


CAST MEDIUM SHIELD


HALF LIGHT SHIELD


FULL LIGHT SHIELD
(2 HALF SHIELDS)


BARN DOORS

c UL us LISTED

*Vista Professional Outdoor Lighting reserves the right to modify the design and/or construction of the fixture shown without further notification.*

1625 Surveyor Avenue • Simi Valley, CA 93063 • (805) 527-0987 • (800) 766-VISTA (8478)
FAX: (888) 670-VISTA (8478) • email@vistapro.com • www.vistapro.com

PROFESSIONAL
OUTDOOR LIGHTING

# SPECIFICATION SHEET

## MODEL 1043 Architectural Series • Up & Accent Lights

### LAMP SPECIFICATIONS

**LED:**
- High lumen output LED powered for high efficacy.
- Cree® MT-G2 High Density Array (HDA), driven at 500mA, 700mA, 750mA, 1000mA, 1400mA, or 1750mA.
- 3000°K, 3500°K, 4000°K, or 5000°K CCT ANSI white 4 step Cree® Easy White™ bins.
- 135-1212 Delivered Lumens.

**OPTICS/AIMING:**
- High-purity, vacuum metalized, specular or semi-specular optics designed for maximum performance and uniformity.
- Very Narrow Spot **VNS** (16° FWHM), Narrow Spot **NS** (19° FWHM), Medium Flood **MF** (30° FWHM), and Wide Flood **WF** (46° FWHM).
- Housing aiming achieved via a Vista patented Infinity Knuckle (see MOUNTING).

**ELECTRICAL:**
- Multi-Volt **MV** 120V-277V universal input.
- Prewired with 150° C-rated wire.
- Constant current 700mA or 1A output driver (non-dimmable).
- Dimmable constant current drivers available in 500mA, 750mA, 1000mA, 1400mA, 1750mA outputs. Available in linear 0-10V dimming **(010)**, TRIAC dimming **(LE)**, or ELV dimming **(TE)**. (Note: TRIAC dimming available with 120V input only).

### FIXTURE ORDERING INFORMATION

TO ORDER FIXTURE: Select appropriate choice from each column as in the following example.

EXAMPLE: 1043-GG-NS-40-C-MV-ND-HS

| MODEL | FINISH | DISTRIBUTION | COLOR TEMP | DELIVERED LUMENS | VOLTAGE | DIMMING | ACCESSORIES |
|---|---|---|---|---|---|---|---|
| **1043** | **GG** - Glossy Gray<br>**B** - Black<br>**Z** - Architectural Bronze<br>**DZ** - Dark Bronze<br>**LZ** - Light Bronze<br>**G** - Verde<br>**P** - Pewter<br>**BR** - Architectural Brick<br>**GT** - Granite<br>**TC** - Terracotta<br>**R** - Rust<br>**HG** - Hunter Green<br>**M** - Mocha<br>**SB** - Special Bronze<br>**WB** - Weathered Bronze<br>**WI** - Weathered Iron<br>**W** - White | **VNS** - Very Narrow Spot*<br>**NS** - Narrow Spot**<br>**MF** - Medium Flood**<br>**WF** - Wide Flood** | **30** - 3000°K<br>**35** - 3500°K<br>**40** - 4000°K<br>**50** - 5000°K | **A** - 0-200 Lumens<br>**B** - 200-400 Lumens<br>**C** - 400-600 Lumens<br>**D** - 600-750 Lumens<br>**E** - 750-1050 Lumens<br>**F** - 1050-1250 Lumens<br><br>* 1043 VNS<br>** 1043 NS, MF, WF | **MV** - Multi-Volt (120V-277V) | **ND** - No Dimming<br>**010** - 0-10V Dimming<br>**LE** - TRIAC Dimming<br>**TE** - ELV Dimming | **BD** - Barn Doors<br>**FS** - Full Light Shield<br>**HS** - Half Light Shield<br>**CS** - Cast Shield<br><br>Honeycomb louver |

* 1043-VNS only available in A, B Delivered Lumen Packages.
** 1043-NS, MF, WF only available in B, C, D, E, F Delivered Lumen Packages

### LUMEN OUTPUT PACKAGES

Watts / Lumens

| Beam Spread | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| **VNS** | 4.1 Watts / 135 Lumens | 15.6 Watts / 361 Lumens | | | | |
| **NS** | | 4.1 Watts / 364 Lumens | 7.4 Watts / 566 Lumens | 10.0 Watts / 738 Lumens | 15.6 Watts / 1035 Lumens | 19.1 Watts / 1212 Lumens |
| **MF** | | 4.1 Watts / 321 Lumens | 7.4 Watts / 487 Lumens | 9.7 Watts / 711 Lumens | 15.6 Watts / 1035 Lumens | 19.7 Watts / 1188 Lumens |
| **WF** | | 4.1 Watts / 332 Lumens | 7.6 Watts / 542 Lumens | 11.4 Watts / 687 Lumens | 15.3 Watts / 967 Lumens | 19.0 Watts / 1052 Lumens |

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PROFESSIONAL
OUTDOOR LIGHTING

Type: EC MOUNTING STAKE

Model:

Project: WEBSTER ISB

# SPECIFICATION SHEET

## MODEL MP-150 Mounting Pedestal  Landscape Series • Accessories

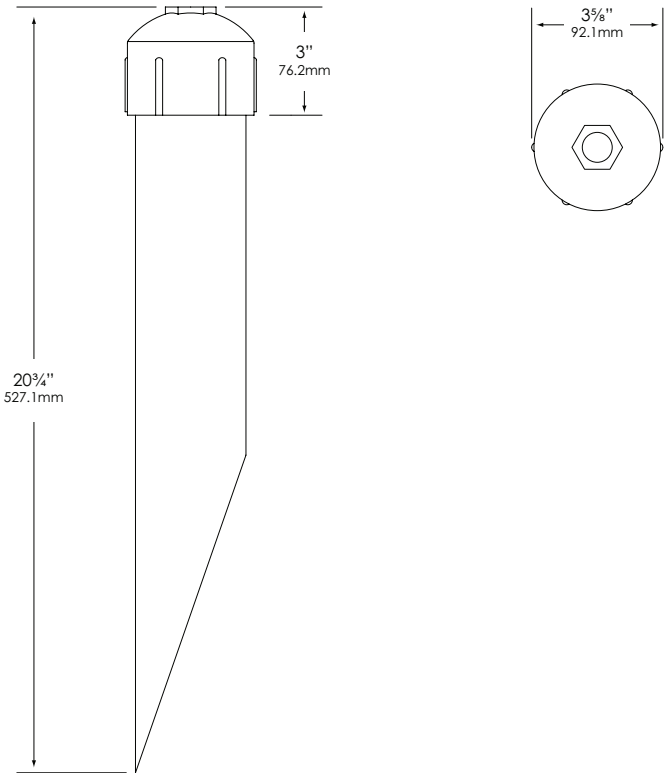
### FIXTURE SPECIFICATIONS:

**DESCRIPTION:**
3" diameter, black PVC mounting pedestal.

**MOUNTING:**
½" FPT for fixture mounting.

All Vista luminaires are MADE IN THE U.S.A.

### DIMENSIONS:

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PROFESSIONAL
OUTDOOR LIGHTING

Type: EC

Model:

Project: WEBSTER ISB

# SPECIFICATION SHEET

## MODEL 1043 Architectural Series • Up & Accent

### FIXTURE SPECIFICATIONS:

**DOOR:**
Die-cast, low copper content, A360 aluminum offers maximum corrosion protection. Stainless steel fasteners affixed to a minimalistic styled flat door (standard). Door is designed to shed water from the lens surface.Also available as an accessory is a die-cast medium shield **CS**.

**HOUSING:**
Die-cast A360 aluminum. Optic and driver compartment separately sealed while being electrically connected. Housing aiming achieved via a Vista patented Infinity Knuckle (see MOUNTING).

**FINISH:**
Durable powder coat finish available in Glossy Gray, Black, Architectural Bronze, Dark Bronze, Verde, Pewter, Architectural Brick, Granite, Terracotta, Rust, Hunter Green, Mocha, Special Bronze, Weathered Bronze, Weathered Iron, and White. Custom Powder coat finishes available on request.

**LED:**
Cree® MT-G2 High Density Array (HDA) driven at 500mA, 700mA, 750mA, 1000mA, 1400mA, or 1750mA.

**COLOR TEMPERATURE:**
LED's are offered in 3000°K, 3500°K, 4000°K, or 5000°K CCT ANSI white 4 step Cree® Easy White™ bins

**LIGHT DISTRIBUTION:**
Very Narrow Spot **VNS** (16° FWHM), Narrow Spot **NS** (19° FWHM), Medium Flood **MF** (30° FWHM), and Wide Flood **WF** (46° FWHM).

**REFLECTOR:**
High-purity, vacuum metalized, specular or semi-specular optics designed for maximum performance and uniformity. Very Narrow Spot **VNS** optic incorporates an internal source shield to eliminate unwanted glare outside the beam pattern.

**LENS/SEAL:**
2.7 mm thick tempered and seamed clear glass sealed with a closed cell molded silicone gasket.

**WIRING:**
Prewired with 150° C-rated wire.

**DRIVER:**
Integral CUL listed LED driver. Non-dimmable **(ND)**, dimming drivers available in 0-10V **(010)**, TRIAC dimming (120V input only) **(LE)** or ELV dimming **(TE)**.

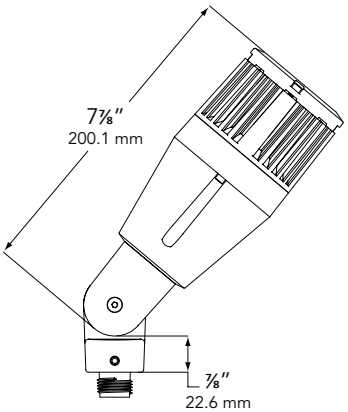
**ACCESSORIES:**
Barn Doors **BD**, Full Shield **FS**, and Half Shield **HS** available. Accessories are attached into pre-existing slots located on the underside of the fixture door providing for a fastener free appearance.

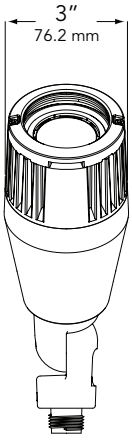
**MOUNTING:**
Infinity Knuckle - Die-cast, copper-free aluminum with stainless steel stem. A fully sealed spherical grommet allows infinite adjustment capabilities.

**CERTIFICATION:**
UL & CUL wet location certified.

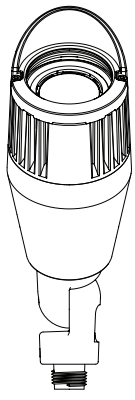
All Vista luminaires are **MADE IN THE U.S.A.**

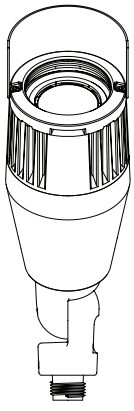
### DIMENSIONS:

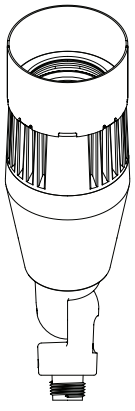


STANDARD


CAST MEDIUM SHIELD


HALF LIGHT SHIELD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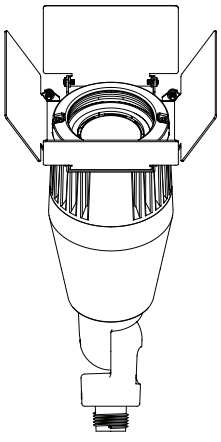
(2 HALF SHIELDS)


BARN DOORS

c UL us LISTED

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PROFESSIONAL
OUTDOOR LIGHTING

# SPECIFICATION SHEET

## MODEL 1043 Architectural Series • Up & Accent Lights

### LAMP SPECIFICATIONS

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- 135-1212 Delivered Lumens.

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- Housing aiming achieved via a Vista patented Infinity Knuckle (see MOUNTING).

**ELECTRICAL:**
- Multi-Volt **MV** 120V-277V universal input.
- Prewired with 150° C-rated wire.
- Constant current 700mA or 1A output driver (non-dimmable).
- Dimmable constant current drivers available in 500mA, 750mA, 1000mA, 1400mA, 1750mA outputs. Available in linear 0-10V dimming **(010)**, TRIAC dimming **(LE)**, or ELV dimming **(TE)**. (Note: TRIAC dimming available with 120V input only).

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* 1043-VNS only available in A, B Delivered Lumen Packages.
** 1043-NS, MF, WF only available in B, C, D, E, F Delivered Lumen Packages

### LUMEN OUTPUT PACKAGES

Watts / Lumens

| Beam Spread | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| **VNS** | 4.1 Watts / 135 Lumens | 15.6 Watts / 361 Lumens | | | | |
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WM TAO & ASSOCIATES
CONSULTING ENGINEERS

# Shop Drawing Submittal Review

Transmitted To: Cannon Design

Date: January 17, 2017

Attention: **stl-cac@cannondesign.com**

Contact Person / WTA Field Inspector: Patrick Garner

Project Name: Webster University-**ISB**

Reviewed by: Mark de la Fuente

Project No. WT 14127.01

[ ] UPS [ ] Courier [X] **Email**

| Copies | No. | Description |
|---|---|---|
| 1 PDF | 265200E01A | (Submittal No.'s:) (R&B CxSRC ) |
| | | (Cannon #265200-006) - ~~(Paric #15051-)~~ – ~~(WES #607)~~ |
| | | ➢ **Outdoor Lighting Final Fixture Package - Resubmittal** |
| | | EB, EC, ED, SA, EF36, EF42, EH, EL, and RQ |
| | | |

## ***Submittal Review Comments***

1. **Refer to previous shop drawing submittals for previous shop drawing comments.**
2. Type EC: See attached cutsheet for updated configuration.
3. Type EF36/42: Provide Bronze finish.
4. Type EL: Provide Black finish.
5. Type RQ: Provide 277 volt configuration.

c: **Kelvin Patel**
**Kpatel@cannondesign.com**

[ ] Furnish as Submitted [X] ***Furnish as Noted**

[ ] Rejected [ ] Revise & Resubmit

[ ] Reviewed [ ]

Corrections or comments made on shop drawings during this review do not relieve contractor from compliance with requirements of drawings and specifications. This check is only for review of general conformance with the design concept of project and general compliance with information given in contract documents. Contractor is responsible for: confirming and correlating all quantities and dimensions; selecting fabrication processes and techniques of construction; coordinating his work with that of all other trades; and performing his work in a safe and satisfactory manner.

**14127.01 - 265200 E01A RESUBMITTAL - MAD TO REVIEW 01/11/17**

**WTASHOP - Webster ISB - 26 5200-006**

---

**From:** STL-CAC <STL-CAC@CANNONDESIGN.COM>
**To:** 'Patrick Garner' <pgarner@wmtao.com>, "WTASHOP (WTASHOP@wmtao.com)" <WTA...
**Date:** 1/11/2017 1:59 PM
**Subject:** Webster ISB - 26 5200-006
**Cc:** "Patel, Kelvin" <kpatel@CANNONDESIGN.COM>
**Attachments:** 265200-006 Outdoor lighting final fixture package.pdf

---

Attached for review.

**Melissa Pirtle**

CANNONDESIGN

1100 Clark Ave
St. Louis, Missouri 63102
T 314.425.8797
cannondesign.com

CANNONDESIGN

# SUBMITTAL IDENTIFICATION SHEET

**To be completed by Contractor/CM**

WEBSTER UNIVERSITY ISB
PROJECT NAME

8274 BIG BEND BLVD
ADDRESS

NUMBER

WEBSTER UNIVERSITY
OWNER

CANNON DESIGN
ARCHITECT / ENGINEER

DEVIN D GATES
SUBMITTED BY

265200-006
CONTRACTOR / CM SUBMITTAL NO.

CANNON DESIGN SUBMITTAL NO.

DRAWING / DETAIL REFERENCE

265200
SPECIFICATION SECTION / PARAGRAPH

MANUFACTURER / SUPPLIER

ITEM / PRODUCT ID

REQUIRED DATE

PRIORITY

◯ CRITICAL

ITEM BEING SUBMITTED (check only one)

- ◯ Shop Drawings
- ◯ Samples ( _____ copies)
- ◯ LEED Submittal
- ◯ Certification / Qualifications
- ◯ Record Documents
- ◯ Product Data
- ◯ Coordination Drawing
- ◯ Calculations
- ◯ Schedules
- ◯ O&M Manuals
- ◯ Other _____

ITEM BEING SUBMITTED FOR (check only one)

- ◉ Action
- ◯ Information Only
- ◯ Record

REMARKS OR DEVIATIONS

CONTRACTOR / CM CERTIFICATION
(SUBMITTALS NOT CERTIFIED WILL BE RETURNED WITHOUT REVIEW)

PARIC

PARIC CORPORATION
SUBMITTAL STAMP

THIS SHOP DRAWING HAS BEEN REVIEWED BY PARIC CORPORATION

Subcontractor remains responsible for dimensions, quantities, coordination with other trades and compliance with contract documents.

By:
Devin D. Gates

DEVIN D GATES
REVIEWED BY

1/11/16
DATE

**To be completed by Reviewer**

26 5200-006
CANNON DESIGN SUBMITTAL NUMBER

1/11/17
RECEIVED DATE

- ◯ A. No Exceptions Taken
  No further review of submittal is required.
- ◯ B. Make Corrections Noted
  Incorporate corrections in work; resubmission is not required.
- ◯ C. Revise and Resubmit
  Revise as noted, and resubmit for review.
- ◯ D. Rejected
  Submittal is not in compliance with Contract Documents; provide new submittal.
- ◯ E. For Record / Information Only
  Submittal was reviewed for Record / Information purposes only.
- ◯ F. Not Required for Review
  Submittal is not required by Contract Documents and has not been reviewed.

Review is for conformance with the design concept of this project and for general compliance with contract documents. Contractor is responsible for quantities, dimensions and compliance with contract documents and for information that pertains to fabrication processes, construction techniques and coordination of this work with all trades which will be affected thereby. This review is null and void if submittal deviates from contract documents and does not indicate or note deviations.

A/E COMMENTS

◯ See attached sheet(s) for additional comments

REVIEWED BY

DATE