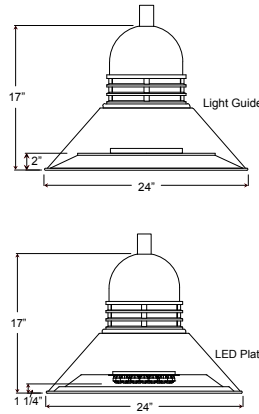


Project: _____

Fixture Type: _____ Quantity: _____

Customer: _____



Specifications

Material:
All parts are durable 356 cast aluminum and high strength aluminum spinnings. All hardware provided shall be stainless steel or zinc plated steel.

Fixture Mounting:
Pendant Mount: Pin mount to tenon. Fits 3" and 4" poles.

Drivers:
Universal voltage 120-277 is standard. 0-10V dimming is standard for LED platforms and Light Guide.

See page 2 for LED engine and driver specifications.



Electrical:
20kA max/10kA nominal surge protection device is standard.

Approximately 12" of pull wire extends from luminaire. Additional pull wire provided for post mount arms and wall mounts.

Finish:
A polyester powder coat high quality finish is electro-statically applied and baked at 430° for exceptional durability and color retention. Products undergo an intensive five-step cleansing and pretreatment process for maximum paint adhesion.

Marine grade finish provides superior salt, humidity and UV protection. This coating withstands up to 3000 hours of continuous salt spray, comes with a 5-year warranty and is available in either a textured or gloss surface.

Modifications:
Consult factory for custom or modified designs.

BVA2409* - LED

*Window/Louver Element will not be luminous

Weight: 27.0 lbs

EPA: 1.24

Catalog Logic

BVA2409 | **P078LD4D** | **T5** | **40K** - **PC** - **PA1613** - **72**

Luminaire Series | Light Source & Wattage | Optic | CCT | Accessories | Mounting Finish

Dark Sky Friendly

Catalog Number

1 2 3 4 5 6

BVA2409

| 1 LIGHT SOURCE & WATTAGES | |
|---------------------------|------------------------|
| Platform | |
| P029LD4D | (29w Platform LED) |
| P046LD4D | (46w Platform LED) |
| P078LD4D | (78w Platform LED) |
| P117LD4D | (117w Platform LED) |
| Light Guide Small | |
| E030LDS | (30w Light Guide LED) |
| E040LDS | (40w Light Guide LED) |
| E050LDS | (50w Light Guide LED) |
| E065LDS | (65w Light Guide LED) |
| E080LDS | (80w Light Guide LED) |
| Light Guide Large | |
| E060LDL | (60w Light Guide LED) |
| E075LDL | (75w Light Guide LED) |
| E080LDL | (80w Light Guide LED) |
| E090LDL | (90w Light Guide LED) |
| E105LDL | (105w Light Guide LED) |

| 3 COLOR TEMPERATURE (CCT) | |
|---------------------------|---------|
| 27K | (2700K) |
| 30K | (3000K) |
| 35K | (3500K) |
| 40K | (4000K) |

| 5 MOUNTING SOURCE | | | |
|----------------------------|--------------|----------------------------|--------|
| Post Mount Arms | | Wall Mount Arms | |
| *See Page 4 for Style/Size | | *See Page 4 for Style/Size | |
| PA0413 | PA6213 | WM0413 | WM5603 |
| PA1613 | PA8453 | WM1613 | |
| PA1753 | | WM1763 | |
| PA2023 | | WM1773 | |
| PA2313 | | WM2313 | |
| PA2613 | | WM3203 | |
| PA3113 | | WM3553 | |
| PA3213 | | WM4513 | |
| PA3533 | | WM5143 | |
| PA5153 | | WM5163 | |
| Column Mount | | | |
| *See Page 4 for Style/Size | | | |
| CM | Column Mount | | |

| 4 ACCESSORIES | |
|---|--|
| HSS90 | (90° House Side Shield, polished) |
| HSS120 | (120° House Side Shield, polished) |
| **4ST36 | (3 Ft, 1 1/4" Ridged Stem & Canopy) |
| **PEND-CH3 | (3 Ft Pendant Chain & Canopy) |
| *EMG-LED20HV | (20w, High Voltage LED Emergency Driver, remote placement, for use with Platforms and Towers, 78w or less) |
| HLMSPC-06 | (High-Low Motion Sensor/Photocell; 15" - 30" Sensor Mounting Height) |
| HLMSPC-10 | (High-Low Motion Sensor/Photocell; 8" - 15" Sensor Mounting Height) |
| **PA-BF | (Post Arm Ball Fitter) |
| **PA-BFS | (Post Arm Ball Fitter w/Swivel) |
| PC | (Button Photo Cell) |
| SP | (Surge Protector, 10kA & 10kV) |
| TLPC | (Twist Lock photo cell, includes receptacle & photo cell) |
| TL5 | (5-pin Twist Lock receptacle) |
| TL7 | (7-pin Twist Lock receptacle) |
| *For Emergency lumen output data, see Resources section at www.ANPlighting.com . | |
| **Accessory finish will match fixture finish. | |

| 2 OPTICS | | |
|---------------|---|---|
| Platform | Light Guide Small | Light Guide Large |
| T2 (Type II) | T2 (Type II) (30w, 40w and 50w Only) | T2 (Type II) (60w and 75w Only) |
| T3 (Type III) | T3 (Type III) | T3 (Type III) (80w, 90w and 105w Only) |
| T5 (Type V) | T4 (Type IV) | T4 (Type IV) (80w, 90w and 105w Only) |
| | T5 (Type V) | T5 (Type V) (80w, 90w and 105w Only) |

| 6 FINISHES | | | | | |
|--|----------------|---------------|-------------------------------|----------------|---------------|
| *Premium and Marine Grade Finish have additional charges | | | | | |
| Standard Colors | Standard Grade | Marine Grade* | Standard Colors | Standard Grade | Marine Grade* |
| Aspen Green | 10 | 10M | Architectural Bronze | 51 | 51M |
| Cantaloupe | 11 | 11M | Patina Verde | 52 | 52M |
| Lilac | 12 | 12M | Copper Clay | 53 | 53M |
| Putty | 13 | 13M | Silver | 56 | 56M |
| Raw Unfinished | 40 | NA | Black Verde | 61 | 61M |
| Black | 41 | 41M | Painted Chrome | 70 | 70M |
| Forest Green | 42 | 42M | Painted Copper | 71 | 71M |
| Bright Red | 43 | 43M | Textured Black | 72 | 72M |
| White | 44 | 44M | Matte Black | 73 | 73M |
| Bright Blue | 45 | 45M | Textured Architectural Bronze | 76 | 76M |
| Sunny Yellow | 46 | 46M | Textured White | 77 | 77M |
| Aqua Green | 47 | 47M | Textured Silver | 78 | 78M |
| Galvanized | 49 | NA | | Premium Grade* | Marine Grade* |
| Navy | 50 | 50M | Carbon Graphite | 96 | 96M |

Consult Factory for additional paint charges and availability.

Project: _____
 Fixture Type: _____ Quantity: _____
 Customer: _____

LED PERFORMANCE

| PLATFORM SPECIFICATION |
|---|
| • Efficacy ranges from 87-116 lumens per watt |
| • Customized lens precisely directs the light |
| • Operating temperature of -30C to 55C |
| • Life: L70 is 60,000 hours |
| • PLATFORM CCT: 2700K, 3000K,3500K, and 4000K |
| • TOWER CCT: 4000K |
| • CRI: >70 |
| • Parallel circuitry ensures consistent light output in the event of single LED failure |

| PLATFORM DRIVER SPECIFICATION |
|--|
| • Operates at 400mA |
| • Dimmable down to 10% |
| • Built in surge protection |
| • Constant current output 50/60HZ |
| • Driver Efficiency > 90% power factor above 99% |
| • 120 – 277 volts |
| • 0-10V dimming protocol is standard |

| PLATFORM LISTINGS |
|---|
| • Fully compliant with the RoHS Directive |
| • Certifications: ETL |
| • Rated IP65 with an optional IP6 rating |

| PLATFORM | | | | | | Type III | | | Type V | | |
|-------------|-------|-----|-----------------------|----------------|------------------|----------|---|---|--------|---|---|
| LED Wattage | CCT | CRI | Typical Luminous Flux | System Wattage | Typical Efficacy | B | U | G | B | U | G |
| 29W | 2700K | 70 | 2670 | 30w | 89 | - | - | - | - | - | - |
| | 3000K | 70 | 2670 | 30w | 89 | - | - | - | - | - | - |
| | 3500K | 70 | 3209 | 30w | 107 | - | - | - | - | - | - |
| | 4000K | 70 | 3465 | 30w | 116 | 1 | 0 | 1 | 2 | 0 | 1 |
| 46W | 2700K | 70 | 4004 | 46w | 87 | - | - | - | - | - | - |
| | 3000K | 70 | 4004 | 46w | 87 | - | - | - | - | - | - |
| | 3500K | 70 | 4814 | 46w | 105 | - | - | - | - | - | - |
| 78W | 2700K | 70 | 5197 | 46w | 115 | 1 | 0 | 1 | 1 | 0 | 1 |
| | 3000K | 70 | 7041 | 80w | 88 | - | - | - | - | - | - |
| | 3500K | 70 | 7041 | 80w | 88 | - | - | - | - | - | - |
| 117W | 4000K | 70 | 8464 | 80w | 106 | - | - | - | - | - | - |
| | 2700K | 70 | 9138 | 80w | 114 | 3 | 0 | 1 | 2 | 0 | 2 |
| | 3000K | 70 | 10561 | 120w | 88 | - | - | - | - | - | - |
| | 3500K | 70 | 10561 | 120w | 88 | - | - | - | - | - | - |
| 117W | 4000K | 70 | 12696 | 120w | 106 | - | - | - | - | - | - |
| | 2700K | 70 | 13707 | 120w | 114 | 3 | 0 | 2 | 4 | 0 | 2 |
| | 3000K | 70 | 13707 | 120w | 114 | 3 | 0 | 2 | 4 | 0 | 2 |

| LIGHT GUIDE SPECIFICATION |
|---|
| • Typical Efficacy is 101 - 135 lumens per watt |
| • Color temp: 2700K, 3000K, 3500K and 4000K |
| • CRI: 70 |
| • Distribution: Type II, III, IV & V |

| LIGHT GUIDE DRIVER SPECIFICATION | | |
|--|--|--|
| • 120 thru 277 Universal Voltage | • Drive Current: 678mA to 2505mA (model dependent) | |
| • 50/60 HZ | • Driver Efficiency > 80%; Power Factor > 0.90 | |
| • 0-10V dimming to 10% | • Lifetime: 50,000 hours | |
| • Minimum operating temperature: -30°C | • Integral Surge Protection in conformance to IP64 | |
| | • UL, cUL, CE | |

LIGHT GUIDE SMALL

| LED Wattage | CCT | CRI | Type II | | | Type III | | | Type IV | | | Type V | | | Drive Current | | | | Nominal System |
|-------------|-------|-----|------------------|-----------------|-------|------------------|-----------------|-------|------------------|-----------------|-------|------------------|------------|-------|---------------|----------|---------|--------|----------------|
| | | | Delivered Lumens | Lumens Per Watt | B U G | Delivered Lumens | Lumens Per Watt | B U G | Delivered Lumens | Lumens Per Watt | B U G | Delivered Lumens | Lumens Per | B U G | Type II | Type III | Type IV | Type V | |
| 30W | 2700K | 70 | 3307 | 110 | 1 0 1 | 3405 | 114 | 1 0 1 | 3474 | 116 | 1 0 1 | 3124 | 104 | 2 0 1 | 900mA | 925mA | 925mA | 925mA | 30w |
| | 3000K | 70 | 3211 | 107 | 1 0 1 | 3307 | 110 | 1 0 1 | 3373 | 112 | 1 0 1 | 3034 | 101 | 2 0 1 | 900mA | 925mA | 925mA | 925mA | 30w |
| | 3500K | 70 | 3595 | 120 | 1 0 1 | 3702 | 123 | 1 0 1 | 3776 | 126 | 1 0 1 | 3396 | 113 | 2 0 1 | 900mA | 925mA | 925mA | 925mA | 30w |
| | 4000K | 70 | 3479 | 116 | 1 0 1 | 3583 | 119 | 1 0 1 | 3655 | 122 | 1 0 1 | 3287 | 110 | 2 0 1 | 900mA | 925mA | 925mA | 925mA | 30w |
| 40W | 2700K | 70 | 4409 | 110 | 2 0 2 | 4541 | 114 | 2 0 2 | 4631 | 116 | 2 0 2 | 4165 | 104 | 2 0 1 | 1150mA | 1200mA | 1200mA | 1200mA | 40w |
| | 3000K | 70 | 4282 | 107 | 2 0 2 | 4409 | 110 | 2 0 2 | 4497 | 112 | 2 0 2 | 4045 | 101 | 2 0 1 | 1150mA | 1200mA | 1200mA | 1200mA | 40w |
| | 3500K | 70 | 4793 | 120 | 2 0 2 | 4936 | 123 | 2 0 2 | 5035 | 126 | 2 0 2 | 4528 | 113 | 2 0 1 | 1150mA | 1200mA | 1200mA | 1200mA | 40w |
| | 4000K | 70 | 4639 | 116 | 2 0 2 | 4778 | 119 | 2 0 2 | 4873 | 122 | 2 0 2 | 4383 | 110 | 2 0 1 | 1150mA | 1200mA | 1200mA | 1200mA | 40w |
| 50W | 2700K | 70 | 5492 | 110 | 2 0 2 | 5676 | 114 | 2 0 2 | 5789 | 116 | 2 0 2 | 5207 | 104 | 3 0 1 | 1495mA | 1580mA | 1580mA | 1580mA | 50w |
| | 3000K | 70 | 5333 | 107 | 2 0 2 | 5511 | 110 | 2 0 2 | 5622 | 112 | 2 0 2 | 5056 | 101 | 3 0 1 | 1495mA | 1580mA | 1580mA | 1580mA | 50w |
| | 3500K | 70 | 5970 | 120 | 2 0 2 | 6170 | 123 | 2 0 2 | 6293 | 126 | 2 0 2 | 5660 | 113 | 3 0 1 | 1495mA | 1580mA | 1580mA | 1580mA | 50w |
| | 4000K | 70 | 5778 | 116 | 2 0 2 | 5972 | 119 | 2 0 2 | 6092 | 122 | 2 0 2 | 5479 | 110 | 3 0 1 | 1495mA | 1580mA | 1580mA | 1580mA | 50w |
| 65W | 2700K | 70 | - | - | - | 7378 | 114 | 3 0 3 | 7526 | 116 | 2 0 2 | 6769 | 104 | 3 0 1 | - | 2065mA | 2065mA | 2065mA | 65w |
| | 3000K | 70 | - | - | - | 7165 | 110 | 3 0 3 | 7308 | 112 | 2 0 2 | 6573 | 101 | 3 0 1 | - | 2065mA | 2065mA | 2065mA | 65w |
| | 3500K | 70 | - | - | - | 8021 | 123 | 3 0 3 | 8181 | 126 | 2 0 2 | 7358 | 113 | 3 0 1 | - | 2065mA | 2065mA | 2065mA | 65w |
| | 4000K | 70 | - | - | - | 7764 | 119 | 3 0 3 | 7919 | 122 | 2 0 2 | 7122 | 110 | 3 0 1 | - | 2065mA | 2065mA | 2065mA | 65w |
| 80W | 2700K | 70 | - | - | - | 9007 | 114 | 3 0 3 | 9186 | 116 | 3 0 3 | 8321 | 104 | 3 0 2 | - | 2505mA | 2505mA | 2505mA | 80w |
| | 3000K | 70 | - | - | - | 8747 | 110 | 3 0 3 | 8921 | 112 | 3 0 3 | 8081 | 101 | 3 0 2 | - | 2505mA | 2505mA | 2505mA | 80w |
| | 3500K | 70 | - | - | - | 9792 | 123 | 3 0 3 | 9986 | 126 | 3 0 3 | 9046 | 113 | 3 0 2 | - | 2505mA | 2505mA | 2505mA | 80w |
| | 4000K | 70 | - | - | - | 9478 | 119 | 3 0 3 | 9666 | 122 | 3 0 3 | 8758 | 110 | 3 0 2 | - | 2505mA | 2505mA | 2505mA | 80w |

Project: _____
 Fixture Type: _____ Quantity: _____
 Customer: _____

LED PERFORMANCE Continued

LIGHT GUIDE LARGE

| LED Wattage | CCT | CRI | Type II | | | | | Type III | | | | | Type IV | | | | | Type V | | | | | Drive Current | | | | | | | | |
|-------------|-------|-----|------------------|-----------------|---|---|---|------------------|-----------------|---|---|---|------------------|-----------------|---|---|---|------------------|-----------------|---|---|---|---------------|----------|---------|--------|----------------|-------|-------|------|-----|
| | | | Delivered Lumens | Lumens Per Watt | B | U | G | Delivered Lumens | Lumens Per Watt | B | U | G | Delivered Lumens | Lumens Per Watt | B | U | G | Delivered Lumens | Lumens Per Watt | B | U | G | Type II | Type III | Type IV | Type V | Nominal System | | | | |
| 60W | 2700K | 70 | 7392 | 123 | 3 | 0 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 535mA | - | - | - | 60w |
| | 3000K | 70 | 7352 | 123 | 3 | 0 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 535mA | - | - | - | 60w |
| | 3500K | 70 | 7756 | 129 | 3 | 0 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 535mA | - | - | - | 60w |
| | 4000K | 70 | 7872 | 131 | 3 | 0 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 535mA | - | - | - | 60w |
| 75W | 2700K | 70 | 9310 | 123 | 3 | 0 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 678mA | - | - | - | 75w |
| | 3000K | 70 | 9259 | 123 | 3 | 0 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 678mA | - | - | - | 75w |
| | 3500K | 70 | 9769 | 129 | 3 | 0 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 678mA | - | - | - | 75w |
| | 4000K | 70 | 9915 | 131 | 3 | 0 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 678mA | - | - | - | 75w |
| 80W | 2700K | 70 | - | - | - | - | - | 9978 | 125 | 3 | 0 | 3 | 10114 | 126 | 3 | 0 | 3 | 9546 | 119 | 3 | 0 | 2 | - | - | - | - | 555mA | 555mA | 555mA | 80w | |
| | 3000K | 70 | - | - | - | - | - | 9924 | 124 | 3 | 0 | 3 | 10059 | 126 | 3 | 0 | 3 | 9494 | 119 | 3 | 0 | 2 | - | - | - | - | 555mA | 555mA | 555mA | 80w | |
| | 3500K | 70 | - | - | - | - | - | 10470 | 131 | 3 | 0 | 3 | 10613 | 133 | 3 | 0 | 3 | 10017 | 125 | 3 | 0 | 2 | - | - | - | - | 555mA | 555mA | 555mA | 80w | |
| | 4000K | 70 | - | - | - | - | - | 10627 | 133 | 3 | 0 | 3 | 10772 | 135 | 3 | 0 | 3 | 10167 | 127 | 3 | 0 | 2 | - | - | - | - | 555mA | 555mA | 555mA | 80w | |
| 90W | 2700K | 70 | - | - | - | - | - | 11225 | 125 | 3 | 0 | 3 | 11378 | 126 | 3 | 0 | 3 | 10739 | 119 | 4 | 0 | 2 | - | - | - | - | 625mA | 625mA | 625mA | 90w | |
| | 3000K | 70 | - | - | - | - | - | 11165 | 124 | 3 | 0 | 3 | 11317 | 126 | 3 | 0 | 3 | 10681 | 119 | 4 | 0 | 2 | - | - | - | - | 625mA | 625mA | 625mA | 90w | |
| | 3500K | 70 | - | - | - | - | - | 11779 | 131 | 3 | 0 | 3 | 11939 | 133 | 3 | 0 | 3 | 11269 | 125 | 4 | 0 | 2 | - | - | - | - | 625mA | 625mA | 625mA | 90w | |
| | 4000K | 70 | - | - | - | - | - | 11955 | 133 | 3 | 0 | 3 | 12118 | 135 | 3 | 0 | 3 | 11437 | 127 | 4 | 0 | 2 | - | - | - | - | 625mA | 625mA | 625mA | 90w | |
| 105W | 2700K | 70 | - | - | - | - | - | 12887 | 125 | 3 | 0 | 3 | 13251 | 126 | 3 | 0 | 3 | 12417 | 119 | 4 | 0 | 2 | - | - | - | - | 708mA | 708mA | 708mA | 105w | |
| | 3000K | 70 | - | - | - | - | - | 12817 | 124 | 3 | 0 | 3 | 13179 | 126 | 3 | 0 | 3 | 12350 | 119 | 4 | 0 | 2 | - | - | - | - | 708mA | 708mA | 708mA | 105w | |
| | 3500K | 70 | - | - | - | - | - | 13522 | 131 | 3 | 0 | 3 | 13904 | 133 | 3 | 0 | 3 | 13029 | 125 | 4 | 0 | 2 | - | - | - | - | 708mA | 708mA | 708mA | 105w | |
| | 4000K | 70 | - | - | - | - | - | 13725 | 133 | 3 | 0 | 3 | 14112 | 135 | 3 | 0 | 3 | 13224 | 127 | 4 | 0 | 2 | - | - | - | - | 708mA | 708mA | 708mA | 105w | |

HIGH-LOW MOTION SENSOR

- 0-10v configurable output set to 10%, 25% or 50% dimming
- Adjustable time delay
- 45° Detection
- Mounts Integral to fixture
- Lens available in white only
- Satisfies California Title 24

SURGE SUPPRESSION

- A Surge Protection Device (SPD) is standard featuring a 20kA maximum discharge current 8/20µs Waveform (Imax); 10kA nominal discharge current 8/20µs Waveform (In) and thermally protected varistor technology.
- Meets IEEE C62.41.2 Location Category C High and US Dept of Energy MSSLC Model Spec.
- SPD shall be wired in series and will result in an open circuit during a fault state, resulting in the luminaire to turn off to protect system components thereby indicating SPD module replacement.

WARRANTY

See www.ANPLighting.com for complete fixture warranty.

LED warranty information

- 7 year limited warranty* on Platform LED engines
- 5 year limited warranty* on Light Guide engines
- 5 year limited warranty* on LED Drivers

*Limited Warranty: A typical year is defined as 4380 hours of operation. Failed defined as more than 10% of the total platform LED's not operating.

ACCESSORIES



Project: _____
 Fixture Type: _____ Quantity: _____
 Customer: _____

POST MOUNTS | See Post Arm Section on Website for Specification Sheets and additional post arms.



COLUMN MOUNT



CM 5 3/4" SQ x 3 1/2" H

WALL MOUNTS | See Wall Mount Section on Website for Specification Sheets and additional wall mount arms.

