

# ELEMENT™ 3" CYLINDER

## WALL WASH CYLINDER

Enhance your space with the modern design of the ELEMENT 3" Wall Wash Cylinder. Perfect for accentuating artwork or architecture, this refined lighting solution adds luxury to any setting. It offers multiple mounting options and warm dim or static white options to create a welcoming ambiance for your guests or customers.

- Optimized wall wash beam distribution
- 1-step for static white 2700K, 3000K, and 3500K; and 2-step for all other configurations
- Available in Black and White
- Flush, surface, conduit, and pendant mount options



### LUMEN/CBCP MULTIPLIERS

| CCT   | 80 CRI MULTIPLIER | 90 CRI MULTIPLIER |
|-------|-------------------|-------------------|
| 2200K | —                 | 0.60              |
| 2400K | —                 | 0.83              |
| 2700K | —                 | 0.98              |
| 3000K | —                 | 1.00              |
| 3500K | 1.21              | —                 |

Lumen output will vary by CCT and CRI. See photometric charts for output information.

### SPECIFICATIONS

|                     | STATIC WHITE                                                                                                                                                |          | WARM DIM    |          |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|----------|
| WATTAGE             | Lumens                                                                                                                                                      | Efficacy | Lumens      | Efficacy |
| 12W                 | 797                                                                                                                                                         | 71       | 692         | 57       |
| 15W                 | 1037                                                                                                                                                        | 67       | 897         | 53       |
| 19W                 | 1229                                                                                                                                                        | 66       | 1047        | 51       |
| 24W                 | 1348                                                                                                                                                        | 57       | 1204        | 46       |
| CRI                 | 80+, 90+                                                                                                                                                    |          | 90+         |          |
| CCT                 | 2200K, 2400K, 2700K, 3000K, or 3500K                                                                                                                        |          | 3000K-1800K |          |
| COLOR CONSISTENCY   | 1-step (2-step for 2200K, 2400K)                                                                                                                            |          | 2-step      |          |
| VOLTAGE             | 120V or 277V                                                                                                                                                |          |             |          |
| DIMMING¹            | Standard reverse-phase, forward-phase, TRIAC, and 0-10V dimming down to 1%<br>eldoLED 0-10V or DALI-2 down to 0.1%<br>Lutron Hi-lume EcoSystem down to 0.1% |          |             |          |
| POWER SUPPLY        | Constant current driver with +0.9 power factor and +80% efficiency                                                                                          |          |             |          |
| CEILING APPEARANCE  | Flush mount<br>Surface mount (canopy)<br>Pendant mount (canopy)<br>Conduit mount (j-box)                                                                    |          |             |          |
| CONSTRUCTION        | Cylinder: Aluminum                                                                                                                                          |          |             |          |
| FINISH              | White or Black                                                                                                                                              |          |             |          |
| GENERAL LISTINGS    | ETL Listed. Damp Location.                                                                                                                                  |          |             |          |
| CALIFORNIA TITLE 24 | Registered CEC appliance database. Complies with CEC 2019 Title 24 Part 6 (JA8-2016, JA8-2019) (for 90 CRI versions).                                       |          |             |          |
| L70                 | 50,000 hours min                                                                                                                                            |          |             |          |
| WARRANTY²           | 5 years                                                                                                                                                     |          |             |          |

Data in chart reflect 3000K/90 CRI values, unless otherwise noted.

Ordering grids available on page 2.

¹See [visualcomfort.com](https://visualcomfort.com) for dimmer compatibility.

²Visit [visualcomfort.com](https://visualcomfort.com) for specific warranty limitations and details.



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ORDERING GRIDS

CYLINDER

| PRODUCT |                            | MOUNTING                              | OUTPUT |     | CRI/CCT |                                       | FUNCTION    | DRIVERS <sup>4</sup>                       | CYLINDER FINISH      |
|---------|----------------------------|---------------------------------------|--------|-----|---------|---------------------------------------|-------------|--------------------------------------------|----------------------|
| EC3R    | ELEMENT CYLINDERS 3" ROUND | F FLUSH MOUNT <sup>1</sup>            | -12    | 12W | 835     | 80 CRI, 3500, 1-STEP                  | W WALL WASH | DRIVERS 120V/277V                          | -B BLACK<br>-W WHITE |
|         |                            | S SURFACE MOUNT (CANOPY)              | -15    | 15W | 922     | 90 CRI, 2200K, 2-STEP                 |             | -UNV UNIVERSAL PHASE/0-10V 1% <sup>5</sup> |                      |
|         |                            |                                       | -19    | 19W | 924     | 90 CRI, 2400K, 2-STEP                 |             | -ELDO ELDOLED 0.1% 0-10V LINEAR            |                      |
|         |                            | P PENDANT MOUNT (CANOPY) <sup>2</sup> | -24    | 24W | 927     | 90 CRI, 2700K, 1-STEP                 |             | -ELDOA ELDOLED 0.1% 0-10V LOGARITHMIC      |                      |
|         |                            | C CONDUIT MOUNT (J-BOX) <sup>3</sup>  |        |     | 930     | 90 CRI, 3000K, 1-STEP                 |             | -ELDD ELDOLED 0.1% DALI-2                  |                      |
|         |                            |                                       |        |     | 9WD31   | 90 CRI, WARM DIM, 3000K-1800K, 2-STEP |             | -HLECO LUTRON HI-LUME 0.1% ECOSYSTEM       |                      |
| EC3R    |                            |                                       | -      |     |         |                                       | W           | -                                          | -                    |

For dimming details, refer to dimmer compatibility chart.

<sup>1</sup>F - Flush Mount includes an adapter plate to convert junction box before ceiling install and a remote driver enclosure for all driver options.

<sup>2</sup>P - Pendant Mount requires selection of Pendant Stem Accessory Kit. See part numbers below.

<sup>3</sup>C - Conduit Mount includes a remote driver enclosure for all driver options.

<sup>4</sup>The drivers in ELEMENT Cylinders must be located either in the junction box or in a remote location. Reference the Driver J-Box Compatibility Chart below for guidance. When the driver is listed as Remote, a remote enclosure that is 4" x 8" x 1.8" is provided. All non-UNV drivers are remote. All flush and conduit drivers are remote.

<sup>5</sup>UNV - Universal dimming is reverse-phase, forward-phase, TRIAC, and 0-10V. 277V is only compatible with 0-10V dimming. Surface and Pendant Mounts place the UNV driver in the junction box for the 12W and 15W outputs. For 19W and 27W outputs a remote driver enclosure is included for locating the UNV driver.

DRIVER J-BOX COMPATIBILITY CHART

|                                                    |                       |                      |                  |                                          |
|----------------------------------------------------|-----------------------|----------------------|------------------|------------------------------------------|
|                                                    | 12W, 15W<br>UNIVERSAL | 19W<br>UNIVERSAL     | 27W<br>UNIVERSAL | 12W, 15W, 19W,<br>27W LUTRON/<br>ELDOLED |
| 3" FLUSH MOUNT                                     |                       |                      |                  |                                          |
| 4" OCTAGON                                         | REMOTE                | REMOTE               | REMOTE           | REMOTE                                   |
| 4" SQUARE                                          | FITS SNUGLY IN J-BOX  |                      |                  |                                          |
| 20 CU IN CEILING BOX                               | FITS IN J-BOX         |                      |                  |                                          |
| 3" SURFACE MOUNT (CANOPY)   PENDANT MOUNT (CANOPY) |                       |                      |                  |                                          |
| 4" OCTAGON                                         | FITS IN J-BOX         | REMOTE               | REMOTE           | REMOTE                                   |
| 4" SQUARE                                          |                       | FITS SNUGLY IN J-BOX |                  |                                          |
| 20 CU IN CEILING BOX                               |                       | FITS SNUGLY IN J-BOX |                  |                                          |
| 3" CONDUIT MOUNT (J-BOX)                           |                       |                      |                  |                                          |
| 4" OCTAGON                                         | REMOTE                | REMOTE               | REMOTE           | REMOTE                                   |
| 4" SQUARE                                          |                       |                      |                  |                                          |
| 20 CU IN CEILING BOX                               |                       |                      |                  |                                          |

PENDANT STEMS

| PRODUCT <sup>1</sup> | LENGTH <sup>2</sup> | FINISH  |
|----------------------|---------------------|---------|
| ECPS                 | 12 12"              | B BLACK |
|                      | 24 24"              | W WHITE |
|                      | 36 36"              |         |
|                      | 48 48"              |         |
|                      | 60 60"              |         |
|                      | 72 72"              |         |

ECPS

<sup>1</sup>Required for Pendant Mount only.

<sup>2</sup>Consult Quotes Department for custom lengths to the inch.

VAULTED CEILING ADAPTER

| PRODUCT                          | FINISH             |
|----------------------------------|--------------------|
| ELCVA PENDANT MOUNT <sup>1</sup> | B BLACK<br>W WHITE |

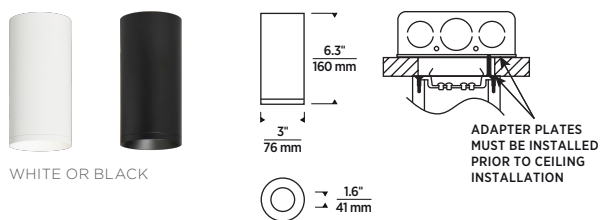
<sup>1</sup>For use with Pendant Mount Cylinder with or without Stems. Accommodates slopes up to 45 degrees. Adds 1.7" to the overall length of the stem.

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### CYLINDERS

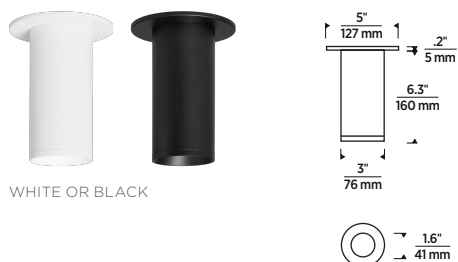
#### FLUSH MOUNT



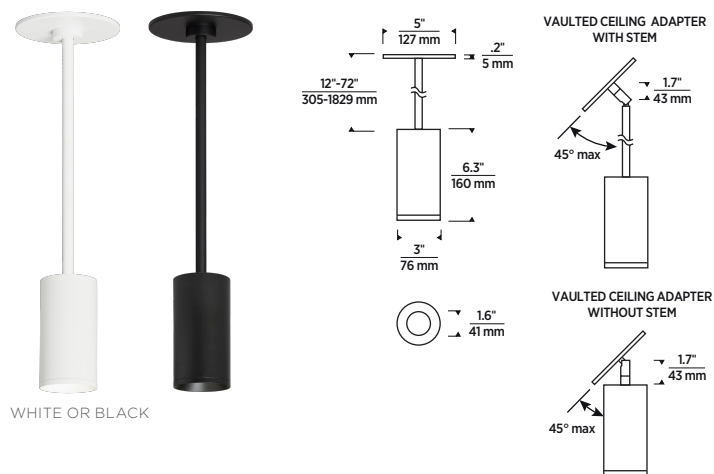
#### CONDUIT MOUNT (J-BOX)



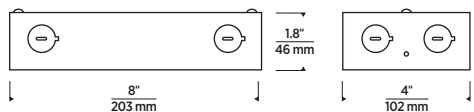
#### SURFACE MOUNT (CANOPY)



#### PENDANT MOUNT (CANOPY)



#### REMOTE DRIVER J-BOX



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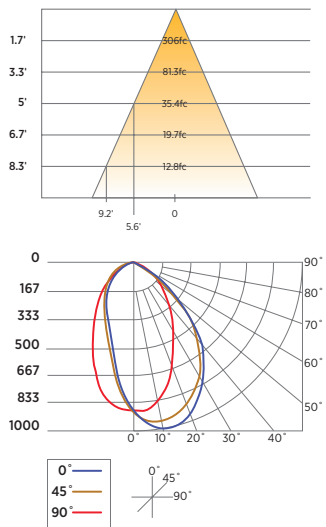
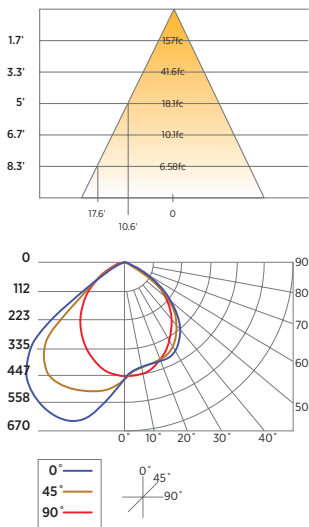
WALL WASH CYLINDER

PHOTOMETRICS

|                                      |                                        |                                      |                                        |
|--------------------------------------|----------------------------------------|--------------------------------------|----------------------------------------|
| Description:                         | 3" Cylinder Wall Wash<br>90 CRI, 3000K | Description:                         | 3" Cylinder Wall Wash<br>90 CRI, 3000K |
| Input Power (Watts):                 | 18.5                                   | Input Power (Watts):                 | 23.8                                   |
| Input Power Factor:                  | 0.98                                   | Input Power Factor:                  | 0.98                                   |
| Absolute Luminous<br>Flux (Lumens):  | 1229                                   | Absolute Luminous<br>Flux (Lumens):  | 1348                                   |
| Lumen Efficacy<br>(Lumens per Watt): | 66                                     | Lumen Efficacy<br>(Lumens per Watt): | 57                                     |

| ANGLE | 0°  | 45° | 90° |
|-------|-----|-----|-----|
| 0°    | 453 | 453 | 453 |
| 5°    | 422 | 427 | 450 |
| 10°   | 413 | 413 | 438 |
| 15°   | 414 | 409 | 421 |
| 20°   | 416 | 408 | 399 |
| 25°   | 409 | 402 | 375 |
| 30°   | 392 | 385 | 348 |
| 35°   | 367 | 358 | 316 |
| 40°   | 331 | 321 | 278 |
| 45°   | 286 | 274 | 235 |
| 50°   | 220 | 211 | 185 |
| 55°   | 140 | 143 | 135 |
| 60°   | 106 | 102 | 99  |
| 65°   | 74  | 70  | 70  |
| 70°   | 50  | 45  | 43  |
| 75°   | 34  | 30  | 23  |
| 80°   | 21  | 17  | 13  |
| 85°   | 10  | 8   | 6   |
| 90°   | 0   | 0   | 0   |

| ANGLE | 0°  | 45° | 90° |
|-------|-----|-----|-----|
| 0°    | 885 | 885 | 885 |
| 5°    | 951 | 939 | 870 |
| 10°   | 992 | 947 | 831 |
| 15°   | 991 | 925 | 753 |
| 20°   | 955 | 890 | 649 |
| 25°   | 884 | 835 | 542 |
| 30°   | 804 | 760 | 450 |
| 35°   | 712 | 670 | 380 |
| 40°   | 604 | 555 | 316 |
| 45°   | 476 | 425 | 259 |
| 50°   | 341 | 290 | 208 |
| 55°   | 224 | 185 | 161 |
| 60°   | 129 | 125 | 118 |
| 65°   | 82  | 83  | 77  |
| 70°   | 51  | 48  | 42  |
| 75°   | 27  | 23  | 20  |
| 80°   | 9   | 10  | 12  |
| 85°   | 0   | 0   | 0   |
| 90°   | 0   | 0   | 0   |



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PROJECT INFORMATION

JOB NAME AND INFORMATION

FIXTURE TYPE AND QUANTITY

NOTES