

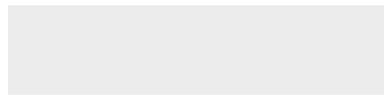


CYLINDER EX™

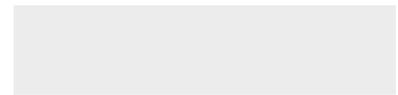
FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE



QUANTITIES

1 DESCRIPTION

The **CYLINDER EX** series advances exterior lighting utility with its precision-engineered adjustable optics, meticulously designed to focus light on critical areas like pathways and challenging installation spots. This functionality not only bolsters safety by illuminating essential zones but also enriches the scenic impact. Featuring a tiltable gimbal with +/- 30 ° pivot and 10 ° incremental locks on the 6" version, allowing for precise angling, **CYLINDER EX** incorporates ten advanced optics utilizing three LED technologies – Multi-lens Array, Chip on Board (COB), and Area Optics – to tackle diverse lighting challenges. The 6" diameter cylinder is offered in a suite of mounting options, including ceiling, stem, and wall mount with three bracket styles. The Classic bracket fits standard 4" electrical boxes, while the Narrow Full and Narrow Half brackets are designed for switch boxes, maintaining the cylinder's minimalist design. For installations where conduit wire routing is employed, a sleekly designed conduit accessory box is available, facilitating easy integration before or after conduit placement. Committed to ecological responsibility, **CYLINDER EX** is Dark Sky Friendly when the direct light option is paired with a CCT of 3000K or less. This ensures minimal light spill and skyglow, safeguarding the nocturnal habitat and contributing to a greener planet.

2 OPTICS & FEATURES



3 APPROVALS



4 GENERAL SPECIFICATION

HOUSING

Die-cast and extruded aluminum.

LENS

Clear glass.

DRIVERS

HPF, electronic for 120-277V (EU-240V).

MOUNTING

The Ceiling, Pendant and Wall Classic versions mount to a 4"x4" junction box (supplied by others).

The Wall Narrow versions mount to a 2"x4" switch box (supplied by others).

Conduit mount is an option for Wall and Ceiling versions, consult factory.

The pendant allows for a sway of up to 42 degrees in any direction.

TURTLE FRIENDLY

Amber (590nm) for Turtle Friendly compliance.

HARDWARE

Vandal proof hardware included.

DELIVERED LUMENS

Delivered lumens & LPW based on 4000K (min 80 CRI).

IMPACT PROTECTION

Shatterproof lens available with IK 10 rating, consult factory.

EXTERNAL SCREWS

Stainless steel.

FINISH

Powder coated.

MINIMUM STARTING TEMPERATURE

-30°C. (when equipped with the arctic driver)

DARK SKY FRIENDLY

Dark Sky Friendly if ordered with 3000K CCT and below. Direct only.

BUG RATING (DIRECT LIGHT):

Type II, III, : B1-U0-G1

Type IV: B3-U0-G0

LENS

Clear glass.

REPORTED L70 @25°C (77°F)

> 60,000 hrs

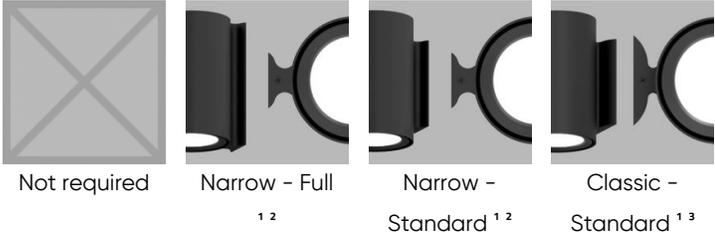
SUSTAINABILITY

Designed for on-site LED board, driver, and optic replacement.

Contact the factory for maintenance documentation.

5 DESIGN OPTIONS

MOUNTING BRACKET



* Mounting bracket finish to match fixture finish.
¹ Only available with Wall mount version. ² The Wall Narrow version mounts to a 2" x 4" switch box (supplied by others).
³ The Wall Classic version mounts to a 4" x 4" junction box (supplied by others).

FIXTURE FINISH



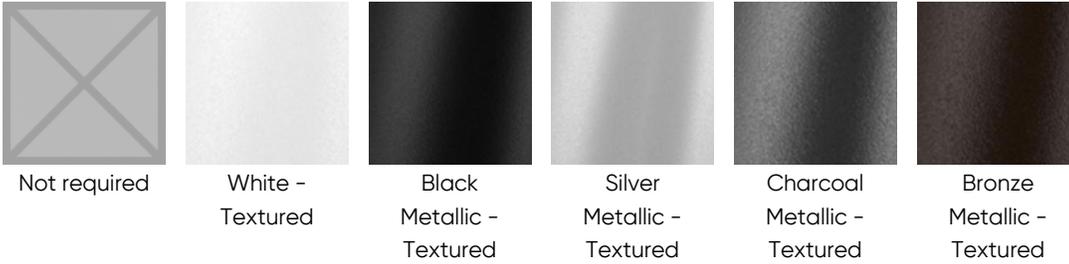
¹ Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

BEZEL FINISH



Shatterproof lens available, consult factory.

CANOPY & STEM FINISH



6 HOW TO ORDER

1. LUMINAIRE

CYXW Wall **CYXC** Ceiling **CYXP** Pendant ¹

Conduit mount is an option for wall and ceiling versions, consult factory.

¹ Pendant is stem mount only.

2. DIAMETER

DR04 4" **DR06** 6"

Tilttable head available on 6" diameter only.

3. DIRECTION

DT1 Direct (10" housing) ^{1 2} **DT2** Direct/Indirect (12"/14" housing) ³

¹ Available for Wall, Ceiling, and Pendant (10" tall housing for Direct). ² Wall mount "direct only" can be installed pointing up or down.

³ Available for Wall mount only. Direct/Indirect 4" diameter will have a 12" tall housing & 6" diameter will have a 14" tall housing.

4. LIGHT SOURCE

DN01 LEDs / Multi-Array Optics ¹ **DN02** COB / Reflector

* All data based on max output and nominal values. ¹ Available for 6" diameter only.

5. CRI

CR00 Not required (For Amber Light) **CR80** CRI 80+

6. CCT

| | | | |
|---|--------------------|--------------------|--------------------|
| CTA27 2700K | CTA30 3000K | CTA35 3500K | CTA40 4000K |
| CTA62 Amber (Turtle Friendly) ¹ | | | |

¹ Available for 6" diameter with LEDs / Multi-Array Optics and 50° direct distribution.

7. DISTRIBUTION DIRECT

| | | | |
|----------------------------------|-----------------------------------|----------------------------------|--------------------------------|
| BAT2 Type II ¹ | BAT3 Type III ¹ | BAT4 Type IV ¹ | BA03 3° ² |
| BA15 15° ^{3 4 5} | BA30 30° ^{3 4 5} | BA50 50° ^{3 4} | BA70 70° ^{3 5} |

¹ Available for 6" Direct (2000, 2500 and 3000 lumens), with LEDs / Multi-Array Optics distribution, not recommended for Indirect use.

² Available for 6" with LEDs / Multi-Array Optics distribution and Wall mount. There may be a +/- 250K variance in color temperature. The head is not adjustable. ³ Available for 6" with LEDs / Multi-Array Optics distribution. ⁴ Available for 6" with COB / Reflector.

⁵ Available for 4" with COB / Reflector.

8. DISTRIBUTION INDIRECT

| | | | |
|--------------------------------|--------------------------------|----------------------------------|----------------------------------|
| BB00 Not required | BB03 3° ¹ | BB15 15° ^{2 3 4} | BB30 30° ^{2 3 4} |
| BB50 50° ^{2 3} | BB70 70° ^{2 4} | | |

¹ Available for 6" with LEDs, Indirect, and Wall version only. There may be a +/- 250K variance in color temperature. The head is not adjustable. ² Available for 6" with LEDs / Multi-Array Optics distribution. ³ Available for 6" with COB / Reflector.

⁴ Available for 4" with COB / Reflector.

9. LUMENS DIRECT

| | | | |
|------------------------------------|--------------------------------------|--------------------------------------|-------------------------|
| LMA0005 59 lms ¹ | LMA0040 400 lms ² | LMA0200 2000 lms | LMA0250 2500 lms |
| LMA0300 3000 lms | LMA0350 3500 lms ³ | LMA0400 4000 lms ⁴ | |

¹ Available for 3° Indirect distribution.

10. LUMENS INDIRECT

| | | | |
|-----------------------------|------------------------------------|-------------------------|-------------------------|
| LMB0000 Not required | LMB0005 59 lms ¹ | LMB0200 2000 lms | LMB0250 2500 lms |
| LMB0300 3000 lms | | | |

¹ Available for 3° Indirect distribution.

11. VOLTAGE

V1 120/277V **V2** 240V ¹

¹ Not available in North America.

12. DIMMING

DA01 0-10V Dimming 1.0% **DA11** 0-10V Dimming 1.0% - Arctic driver^{1 3} **DA12** 0-10V Dimming 1.0% - Desert driver ^{2 3} **DA21** DALI Dimming 1.0% ³

¹ Capable of operating at -30 °C (-22 °F) to ambient temperature. ² Capable of operating at +50 °C (+122 °F) ambient temperature.

³ Consult factory.

13. MOUNTING BRACKET

MB0 Not required **MB1** Narrow - Full ^{1 2} **MB2** Narrow - Standard ^{1 2} **MB3** Classic - Standard ^{1 3}

* Mounting bracket finish to match fixture finish.

¹ Only available with Wall mount version. ² The Wall Narrow version mounts to a 2" x 4" switch box (supplied by others).

³ The Wall Classic version mounts to a 4" x 4" junction box (supplied by others).

14. CONDUIT MOUNT

CDM0 Not required **CDM1** Required ¹

¹ Consult factory.

15. SUSPENSION TYPE

ST00 Not required **ST01** Rigid Stem Mount ¹ **ST02** Swivel Stem Mount ¹

* Custom lengths available; consult factory for details. ¹ Only available with Pendant Mount.

16. SUSPENSION HEIGHT

SL00 Not required **SL03** 3ft ¹

* Stems will always be Black Metallic Textured finished. ¹ Custom length available, consult factory.

17. FIXTURE FINISH

FA01 White - Textured **FA02** Black Metallic - Textured **FA20** Silver Metallic - Textured **FA27** Wood grain - Light Cherry ¹
FA28 Wood grain - Dark Walnut ¹ **FA30** Wood grain - White Oak ¹ **FA46** Charcoal Metallic - Textured **FA47** Bronze Metallic - Textured

¹ Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

18. BEZEL FINISH

FB01 White - Textured **FB02** Black Metallic - Textured **FB20** Silver Metallic - Textured **FB46** Charcoal Metallic - Textured
FB47 Bronze Metallic - Textured

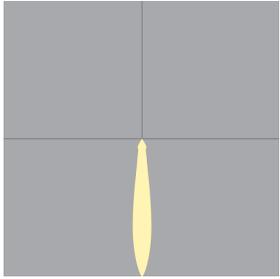
Shatterproof lens available, consult factory.

19. CANOPY & STEM FINISH

FC00 Not required **FC01** White - Textured **FC02** Black Metallic - Textured **FC20** Silver Metallic - Textured
FC46 Charcoal Metallic - Textured **FC47** Bronze Metallic - Textured

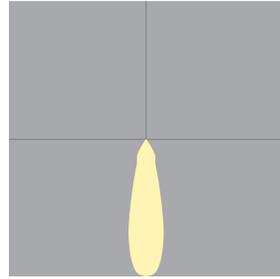
7 PERFORMANCE DATA

4" 15° BEAM, TYPE V - COB



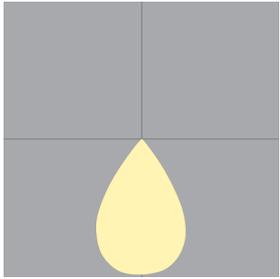
| LUMENS | WATTS | LPW |
|--------|-------|-----|
| 2000 | 15 | 140 |
| 2500 | 19 | 135 |
| 3000 | 24 | 128 |
| 3500 | 29 | 123 |

4" 30° BEAM, TYPE V - COB



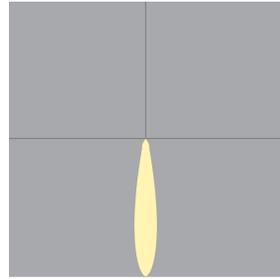
| LUMENS | WATTS | LPW |
|--------|-------|-----|
| 2000 | 15 | 140 |
| 2500 | 19 | 134 |
| 3000 | 24 | 127 |
| 3500 | 29 | 122 |

4" 70° BEAM, TYPE V - COB



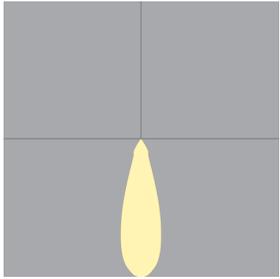
| LUMENS | WATTS | LPW |
|--------|-------|-----|
| 2000 | 15 | 137 |
| 2500 | 19 | 131 |
| 3000 | 24 | 125 |
| 3500 | 29 | 119 |

6" 15° BEAM, TYPE V - COB



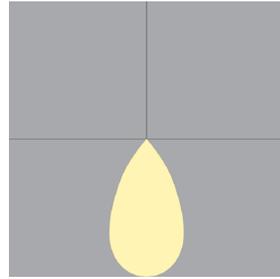
| LUMENS | WATTS | LPW |
|--------|-------|-----|
| 2000 | 20 | 119 |
| 2500 | 23 | 117 |
| 3000 | 27 | 116 |
| 3500 | 31 | 114 |
| 4000 | 34 | 112 |

6" 30° BEAM, TYPE V - COB



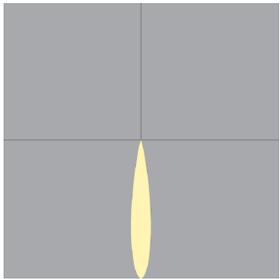
| LUMENS | WATTS | LPW |
|--------|-------|-----|
| 2000 | 20 | 118 |
| 2500 | 23 | 116 |
| 3000 | 27 | 115 |
| 3500 | 31 | 113 |
| 4000 | 34 | 111 |

6" 50° BEAM, TYPE V - COB



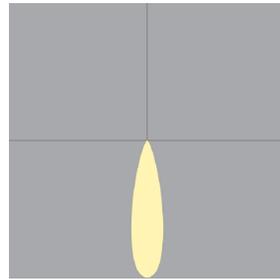
| LUMENS | WATTS | LPW |
|--------|-------|-----|
| 2000 | 20 | 124 |
| 2500 | 23 | 122 |
| 3000 | 27 | 121 |
| 3500 | 31 | 119 |
| 4000 | 34 | 117 |

6" 15° BEAM, TYPE V - LED



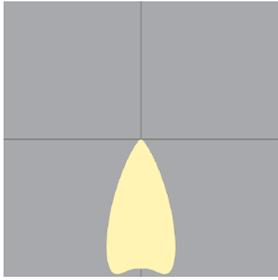
| LUMENS | WATTS | LPW |
|--------|-------|-----|
| 2000 | 16 | 123 |
| 2500 | 22 | 120 |
| 3000 | 25 | 116 |
| 3500 | 32 | 115 |
| 4000 | 37 | 110 |

6" 30° BEAM, TYPE V - LED



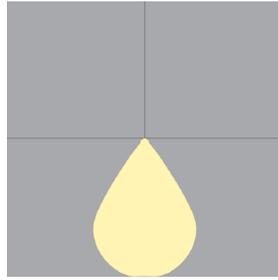
| LUMENS | WATTS | LPW |
|--------|-------|-----|
| 2000 | 16 | 125 |
| 2500 | 22 | 122 |
| 3000 | 25 | 118 |
| 3500 | 32 | 115 |
| 4000 | 37 | 112 |

6" 50° BEAM, TYPE V - LED



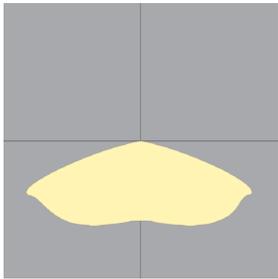
| LUMENS | WATTS | LPW |
|--------|-------|-----|
| 2000 | 16 | 119 |
| 2500 | 22 | 116 |
| 3000 | 25 | 112 |
| 3500 | 32 | 109 |
| 4000 | 37 | 106 |

6" 70° BEAM, TYPE V - LED



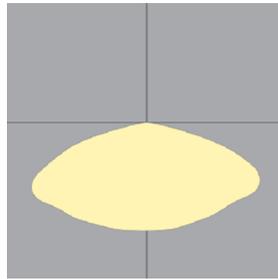
| LUMENS | WATTS | LPW |
|--------|-------|-----|
| 2000 | 16 | 119 |
| 2500 | 22 | 117 |
| 3000 | 25 | 113 |
| 3500 | 32 | 109 |
| 4000 | 37 | 107 |

6" TYPE II BEAM



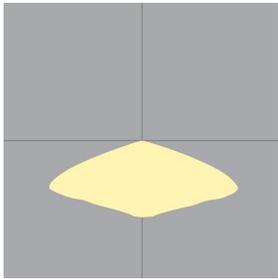
| LUMENS | WATTS | LPW |
|--------|-------|-----|
| 2000 | 19 | 112 |
| 2500 | 27 | 103 |
| 3000 | 34 | 97 |

6" TYPE III BEAM



| LUMENS | WATTS | LPW |
|--------|-------|-----|
| 2000 | 19 | 109 |
| 2500 | 27 | 100 |
| 3000 | 34 | 94 |

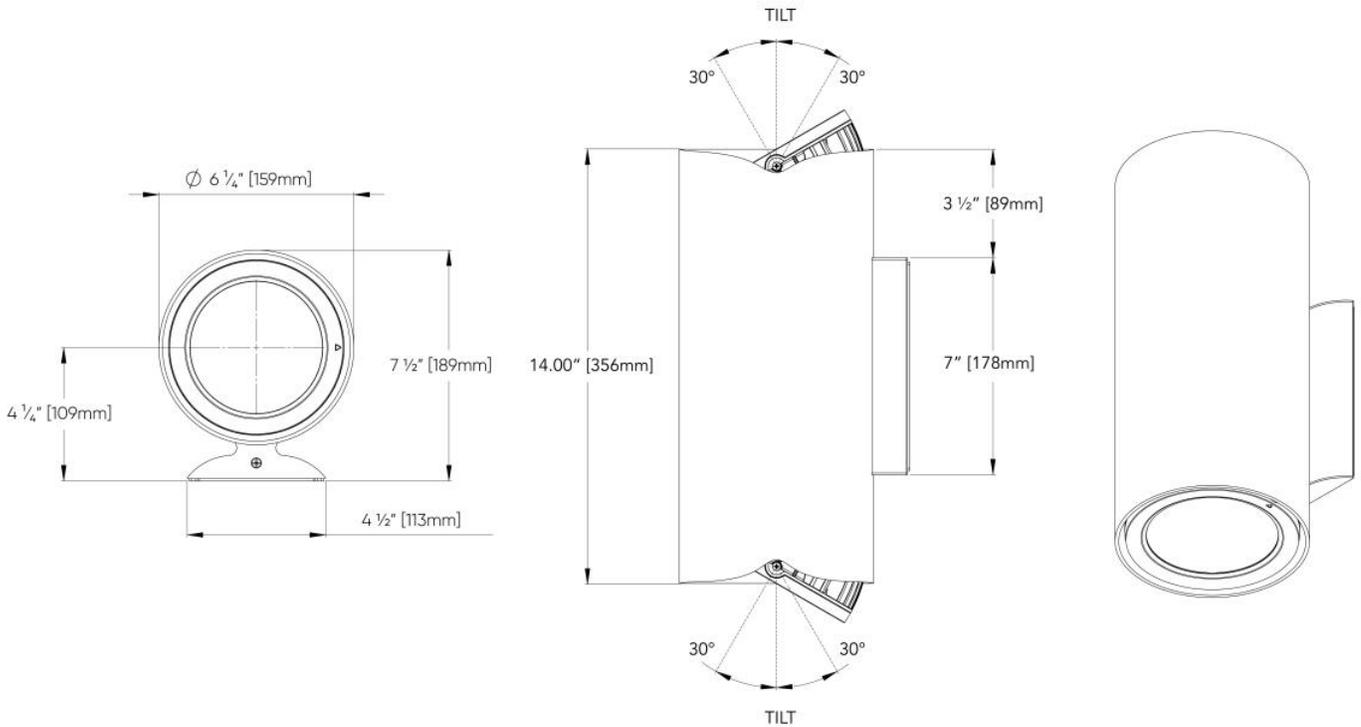
6" TYPE IV BEAM



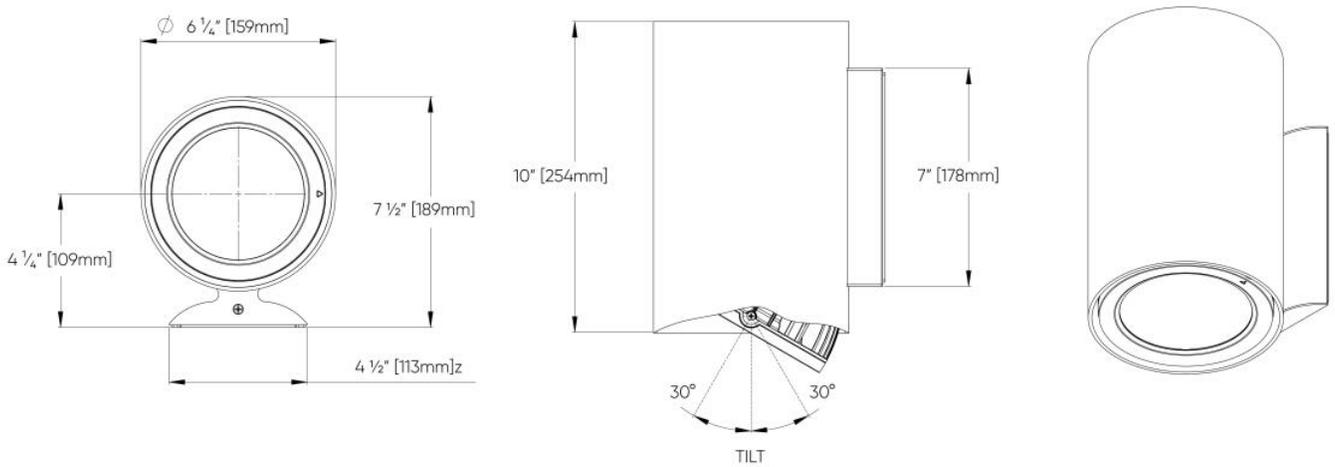
| LUMENS | WATTS | LPW |
|--------|-------|-----|
| 2000 | 19 | 105 |
| 2500 | 27 | 96 |
| 3000 | 34 | 90 |

8 DIMENSIONAL DIAGRAMS

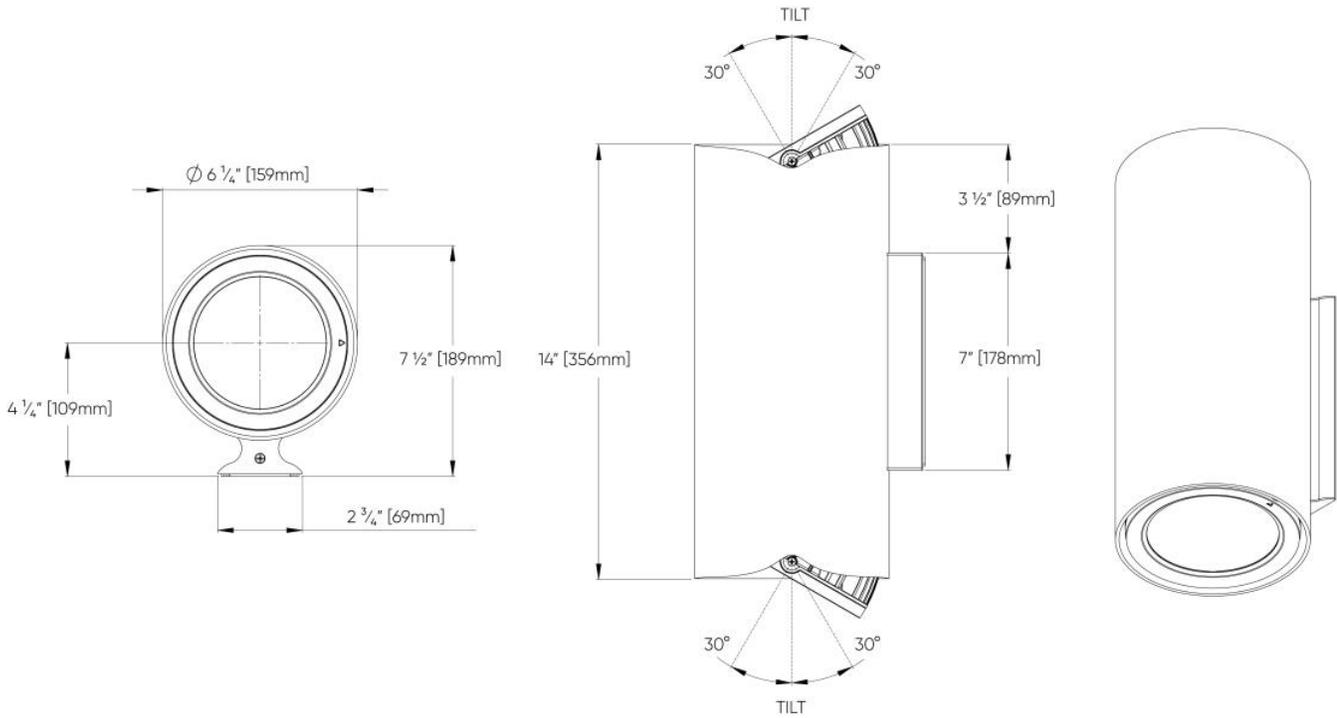
6" - Full Size Classic Wall Mount Direct-Indirect Only



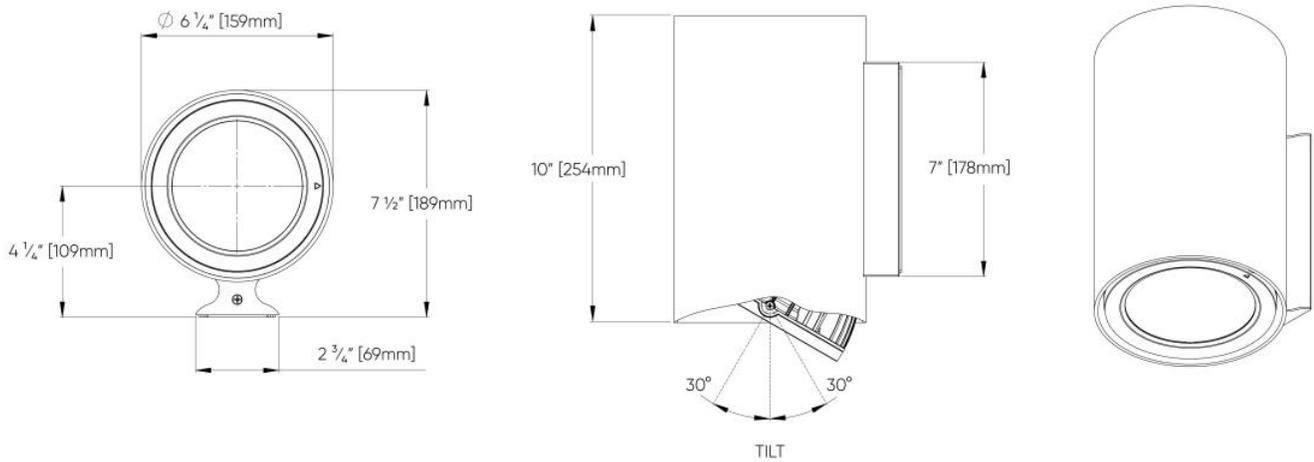
6" - Classic Wall Mount Direct or Indirect only



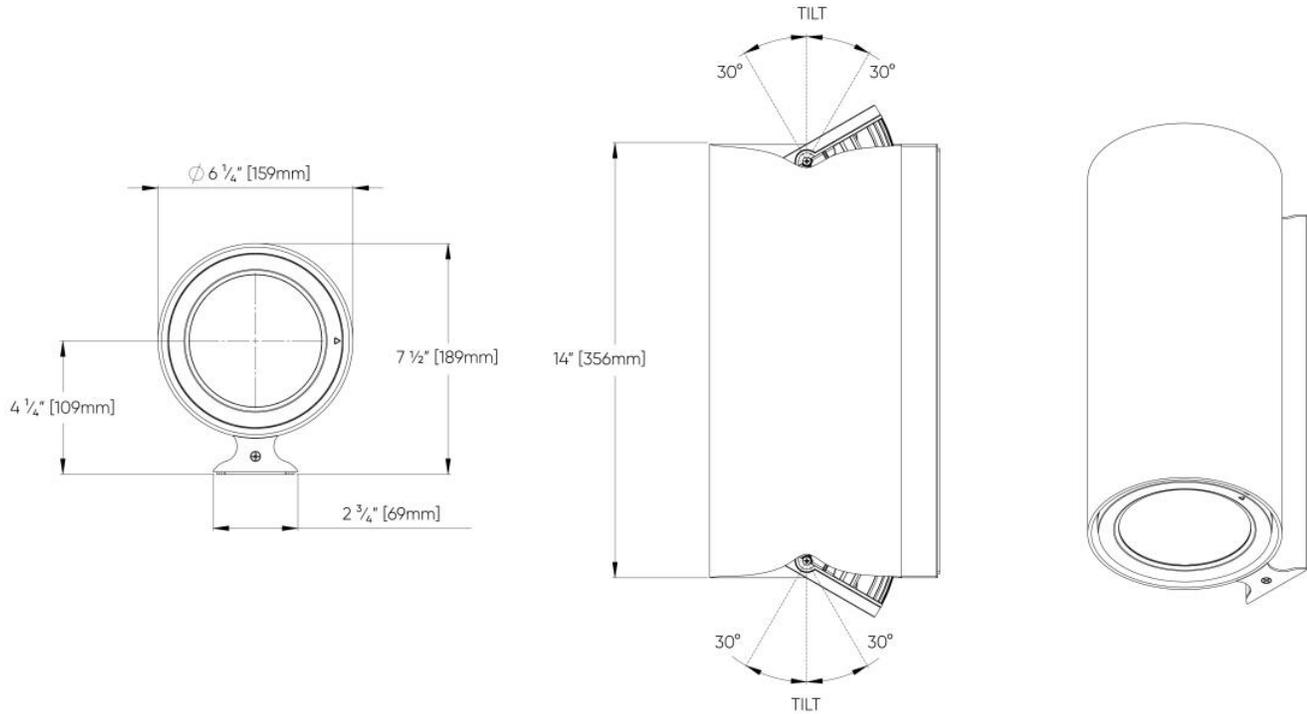
6"- Full Size Short Narrow Wall Mount Direct-Indirect Only



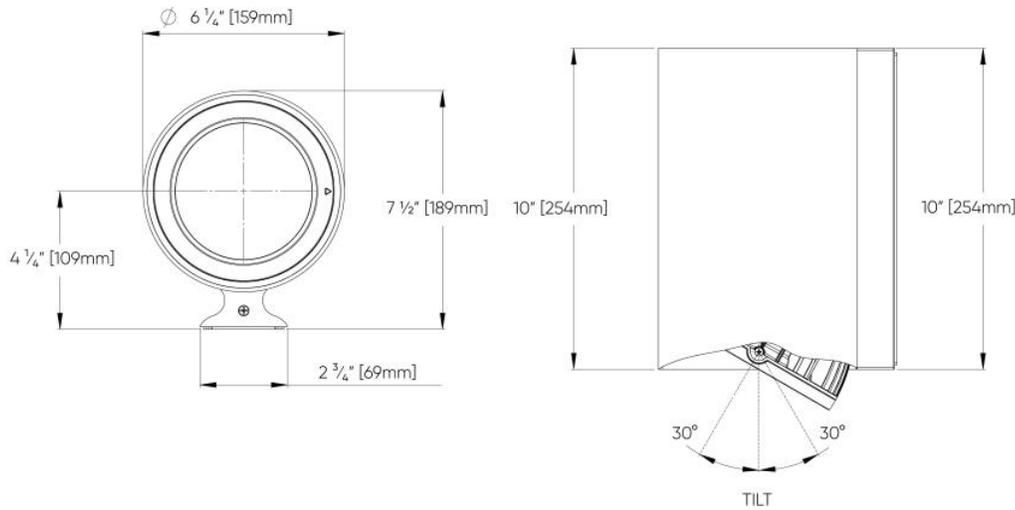
6"- Narrow Wall Mount Direct/Indirect Only



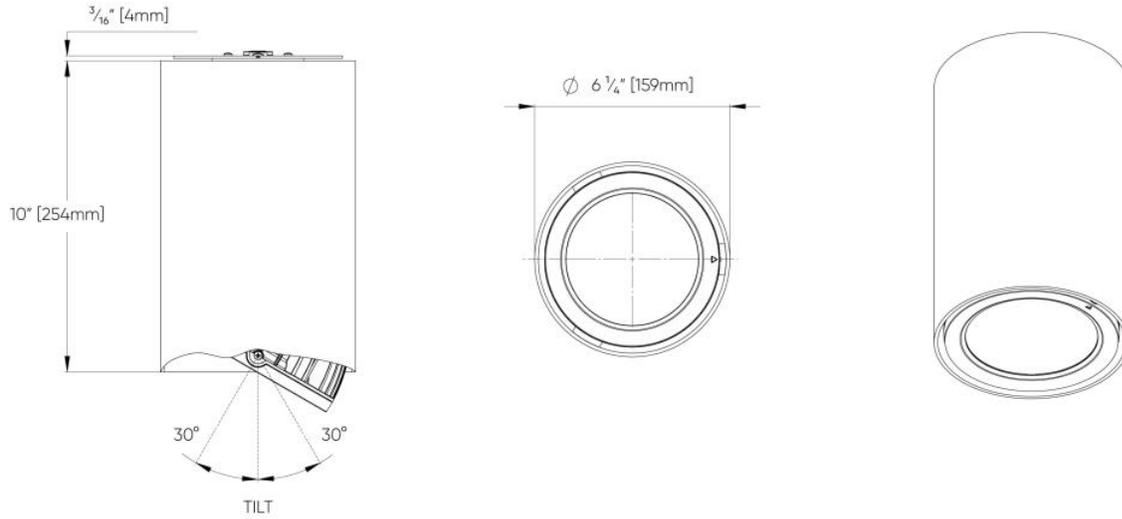
6"- Full Size Tall Narrow Wall Mount Direct-Indirect



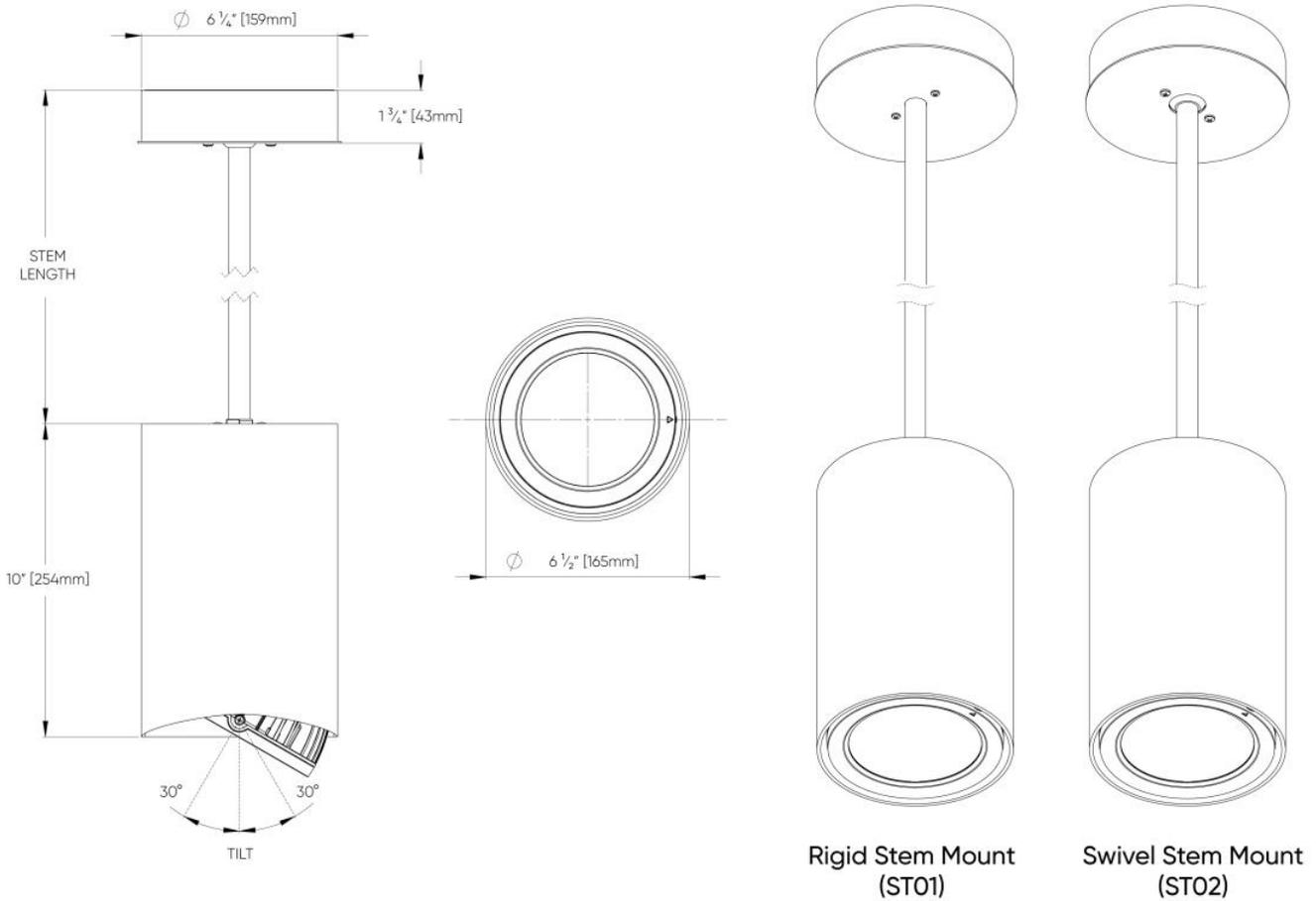
6"- Half Size Narrow full Wall Mount Direct Only



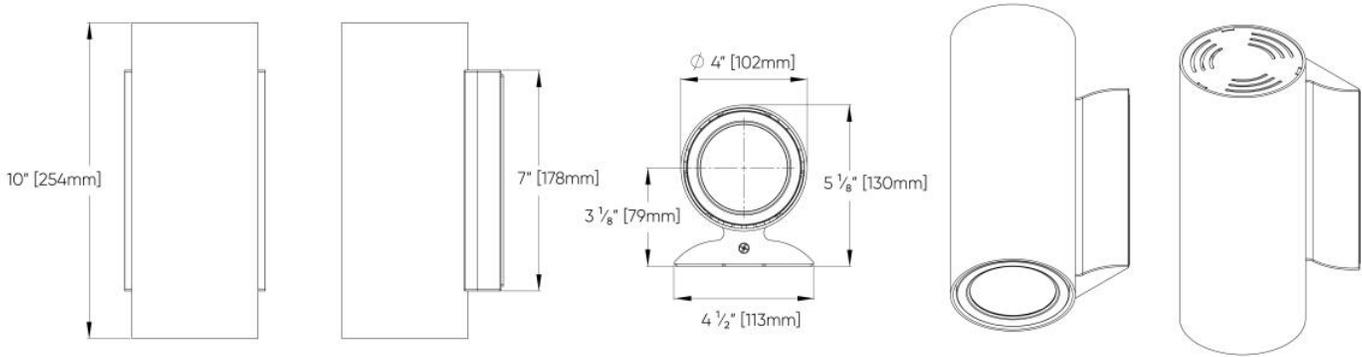
6" - Ceiling Surface Mount Direct Only



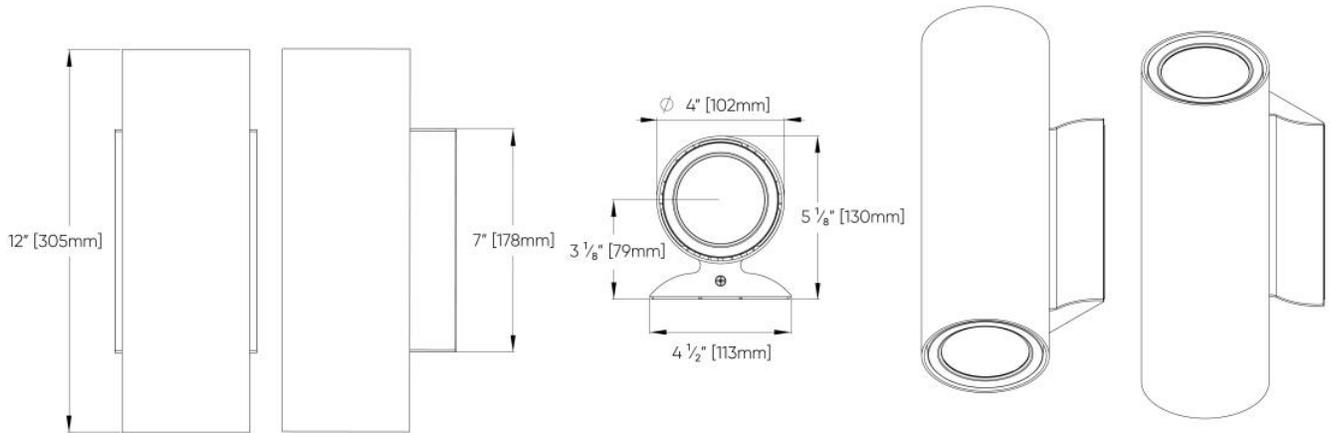
6" - Pendant Stem Mount Direct Only



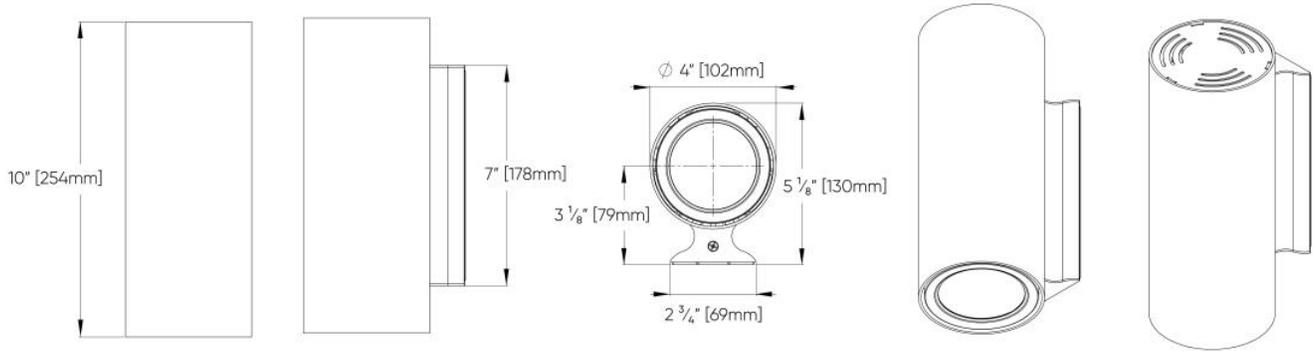
4"- Standard Classic Wall Mount Direct Only



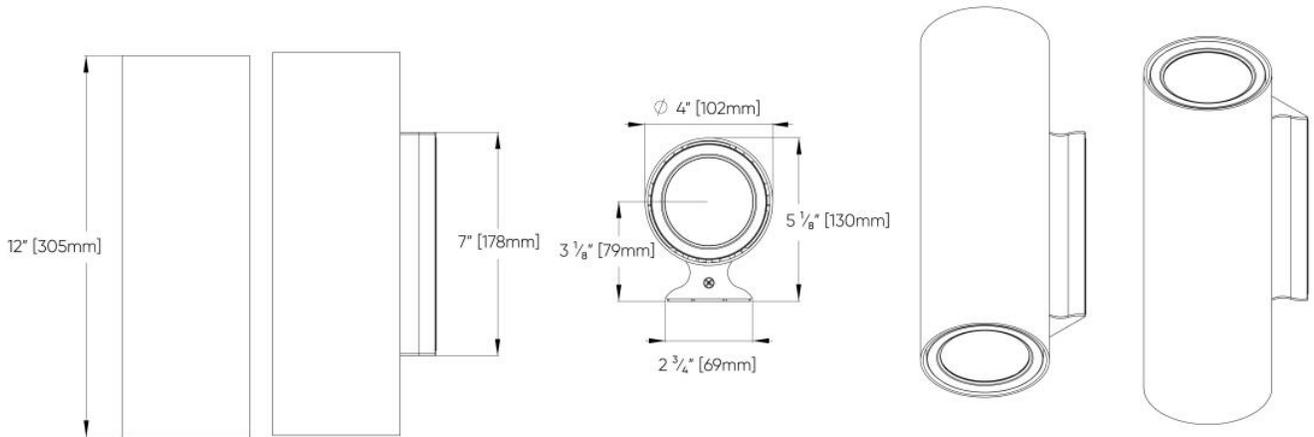
4"- Standard Classic Wall Mount Direct-Indirect Only



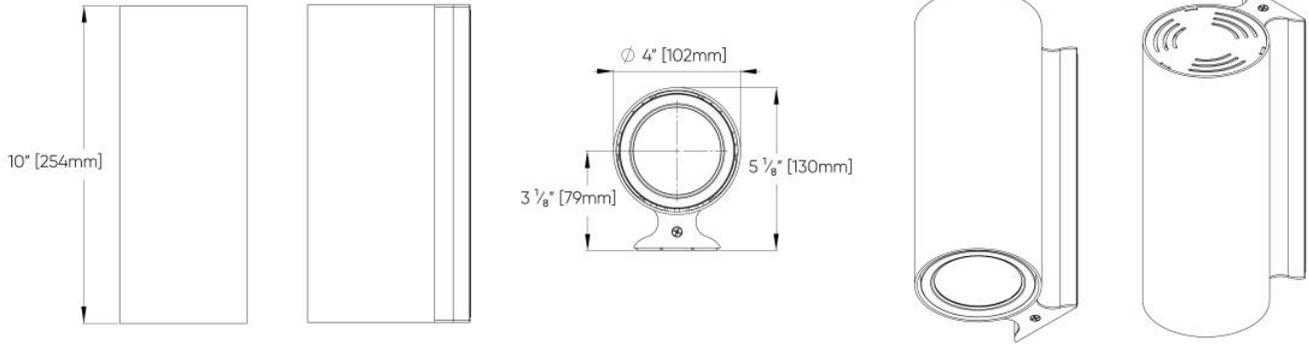
4"- Standard Narrow Wall Mount Direct Only



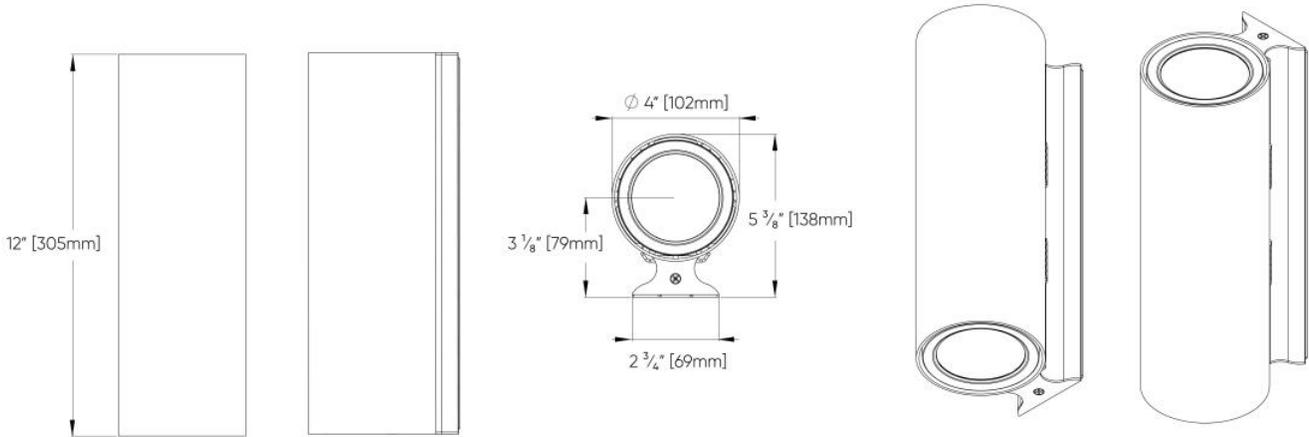
4"- Standard Narrow Wall Mount Direct-Indirect Only



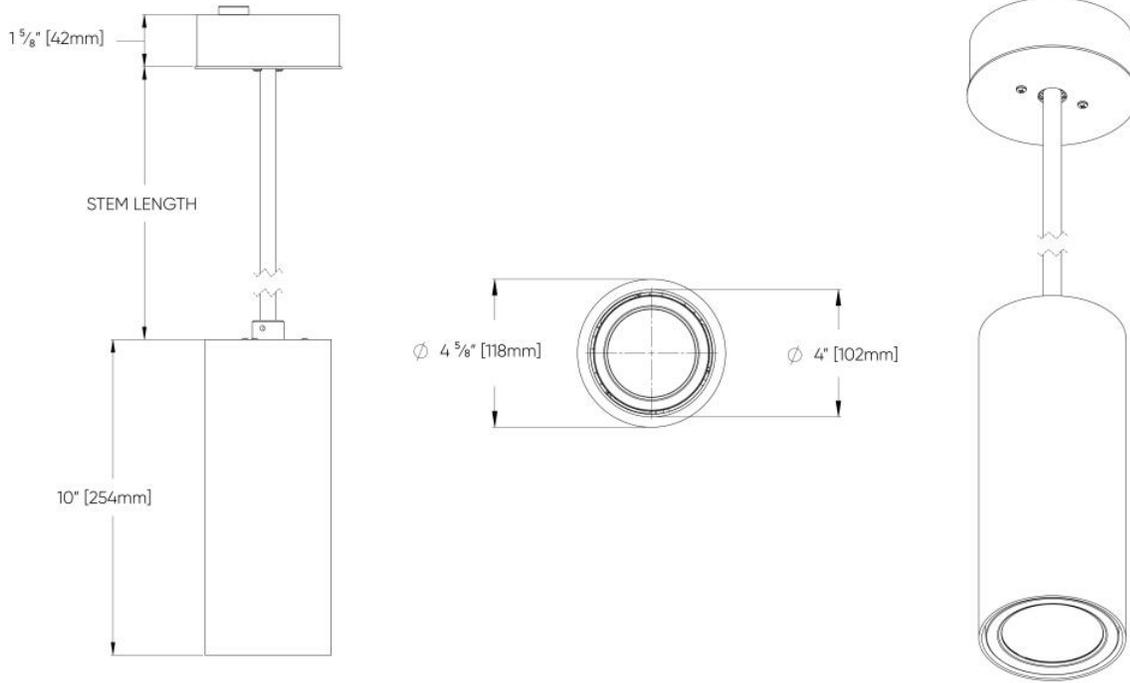
4"- Full Size Narrow Wall Mount Direct Only



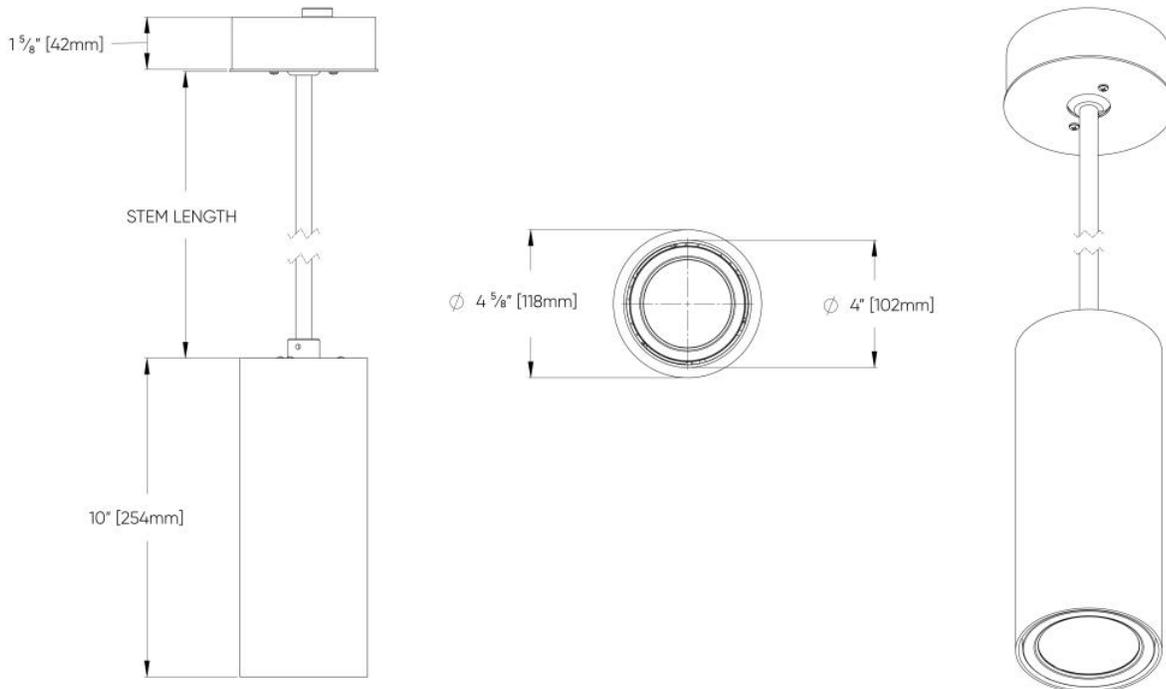
4"- Full Size Narrow Wall Mount Direct-Indirect Only



4"- Pendent Rigid Stem Mount Direct Only



4"- Pendent Swivel Stem Mount Direct Only



4"- Ceiling Mount Direct Only

