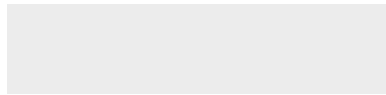


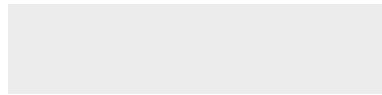


CYLINDER EX™

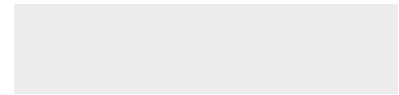
FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE

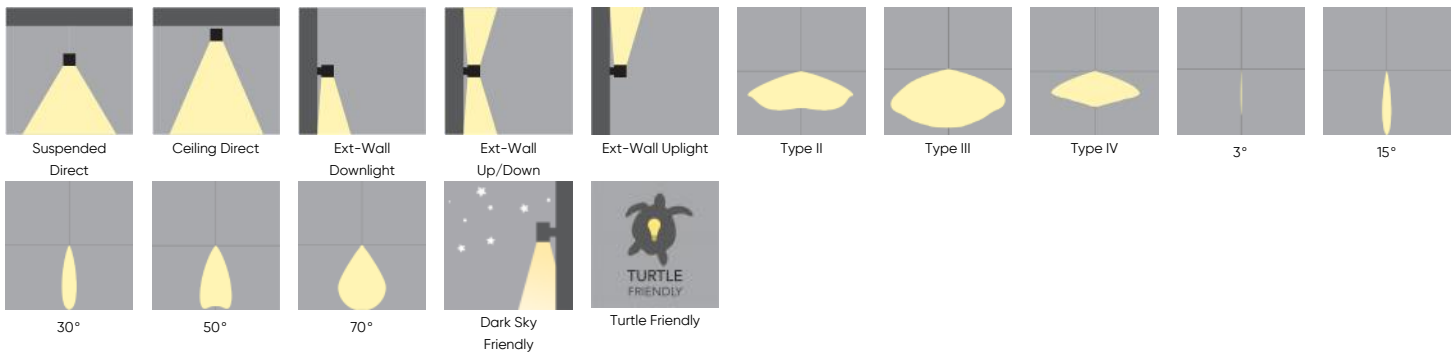


QUANTITIES

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 gimbal with a $\pm 30^\circ$ tilting range that locks at 10° increments, 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).

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

HARDWARE

Vandal proof hardware included.

DELIVERED LUMENS

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

EXTERNAL SCREWS

Stainless steel.

FINISH

Powder coated.

MINIMUM STARTING TEMPERATURE

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

TURTLE FRIENDLY

Amber (590nm) for Turtle Friendly compliance.

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.

LENS

Shatterproof lens available, consult factory.

REPORTED L70 @25°C (77°F)

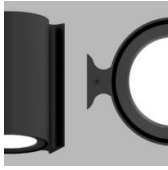
> 60,000 hrs

5 DESIGN OPTIONS

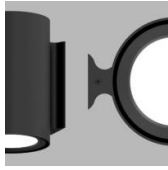
MOUNTING BRACKET



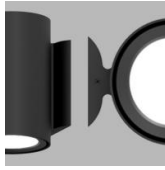
Not required



Narrow - Full
^{1 2}



Narrow -
Standard ^{1 2}



Classic -
Standard ^{1 3}

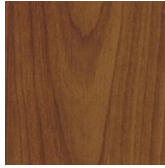
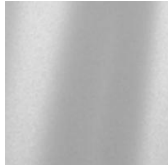
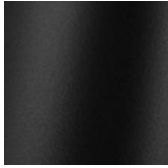
* Mounting bracket finish to match fixture finish.

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).

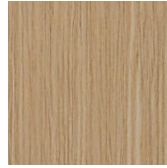
FIXTURE FINISH



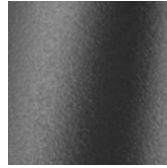
Wood grain
- Light
Cherry ¹



Wood grain
- Dark
Walnut ¹



Wood grain
- White Oak
¹

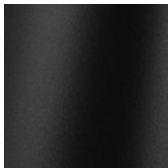


¹ Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

BEZEL FINISH



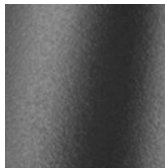
White



Black
Metallic -
Textured



Silver
Metallic -
Textured



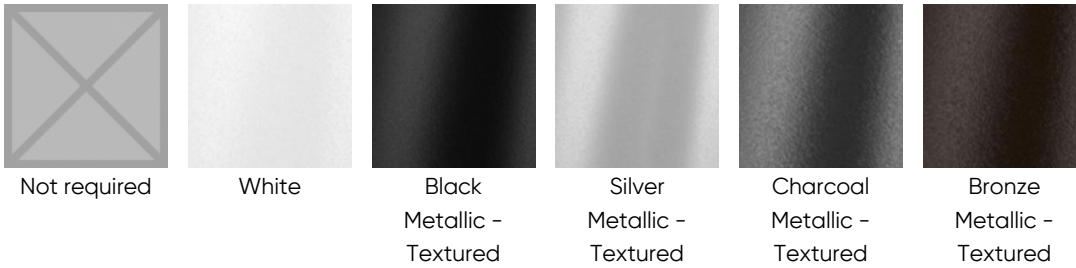
Charcoal
Metallic -
Textured



Bronze
Metallic -
Textured

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

3. DIRECTION

DT1 Direct (10" housing) ^{1 2}

DT2 Direct/Indirect (12"/14" housing) ³

¹ Available for Wall, Ceiling, and Pendant. Direct will have a 10" tall housing.

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

DN02

* All data based on max output and nominal values.

¹ Available for 6" diameter only.

5. CRI

CR00 Not required (For Amber Light) **CR80**

6. CCT

CTA27 2700K	CTA30	CTA35	CTA40
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	BA03 3° ²	BA15
BA30	BA50	BA70	

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

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	LMA0040	LMA0200	LMA0250 2500 lms
LMA0300	LMA0350 3500 lms ³	LMA0400	

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	V2
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¹ Not available in North America.

12. DIMMING

DA01	DA11	DA12	DA21
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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}
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* 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
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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 **FA02** **FA20** **FA27** Wood grain - Light Cherry ¹
FA28 Wood grain - Dark Walnut ¹ **FA30** Wood grain - White Oak ¹ **FA46** **FA47**

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

18. BEZEL FINISH

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

Shatterproof lens available, consult factory.

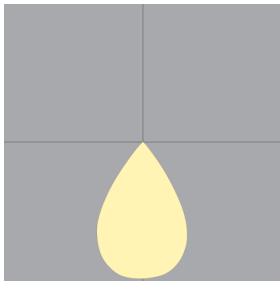
19. CANOPY & STEM FINISH

FC00 Not required **FC01** White **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	4" 30° BEAM, TYPE V - COB	LUMENS	WATTS	LPW
	2000	15	140		2000	15	140
	2500	19	135		2500	19	134
	3000	24	128		3000	24	127
	3500	29	123		3500	29	122

4" 70° BEAM, TYPE V - COB



LUMENS

2000
2500
3000
3500

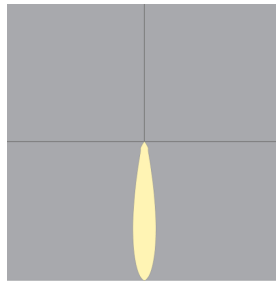
WATTS

15
19
24
29

LPW

137
131
125
119

6" 15° BEAM, TYPE V - COB



LUMENS

2000
2500
3000
3500
4000

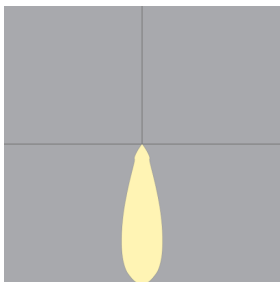
WATTS

20
23
27
31
34

LPW

119
117
116
114
112

6" 30° BEAM, TYPE V - COB



LUMENS

2000
2500
3000
3500
4000

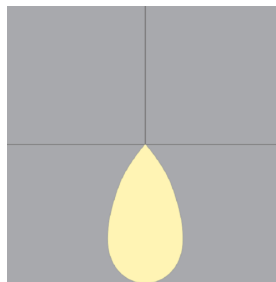
WATTS

20
23
27
31
34

LPW

118
116
115
113
111

6" 50° BEAM, TYPE V - COB



LUMENS

2000
2500
3000
3500
4000

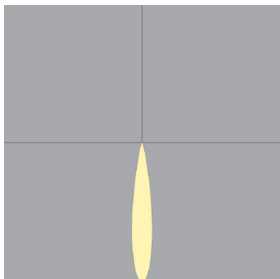
WATTS

20
23
27
31
34

LPW

124
122
121
119
117

6" 15° BEAM, TYPE V - LED



LUMENS

2000
2500
3000
3500
4000

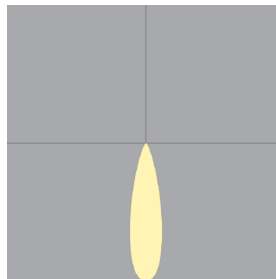
WATTS

16
22
25
32
37

LPW

123
120
116
115
110

6" 30° BEAM, TYPE V - LED



LUMENS

2000
2500
3000
3500
4000

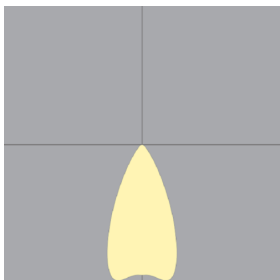
WATTS

16
22
25
32
37

LPW

125
122
118
115
112

6" 50° BEAM, TYPE V - LED



LUMENS

2000
2500
3000
3500
4000

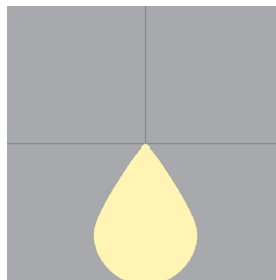
WATTS

16
22
25
32
37

LPW

119
116
112
109
106

6" 70° BEAM, TYPE V - LED



LUMENS

2000
2500
3000
3500
4000

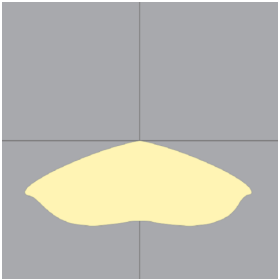
WATTS

16
22
25
32
37

LPW

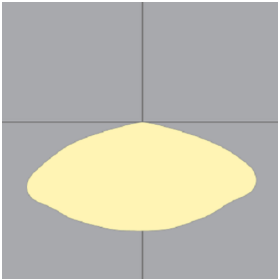
119
117
113
109
107

6" TYPE II BEAM



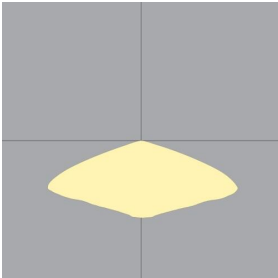
LUMENS	WATTS	LPW
2000	19	112
2500	27	103
3000	34	97

6" TYPE III BEAM



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

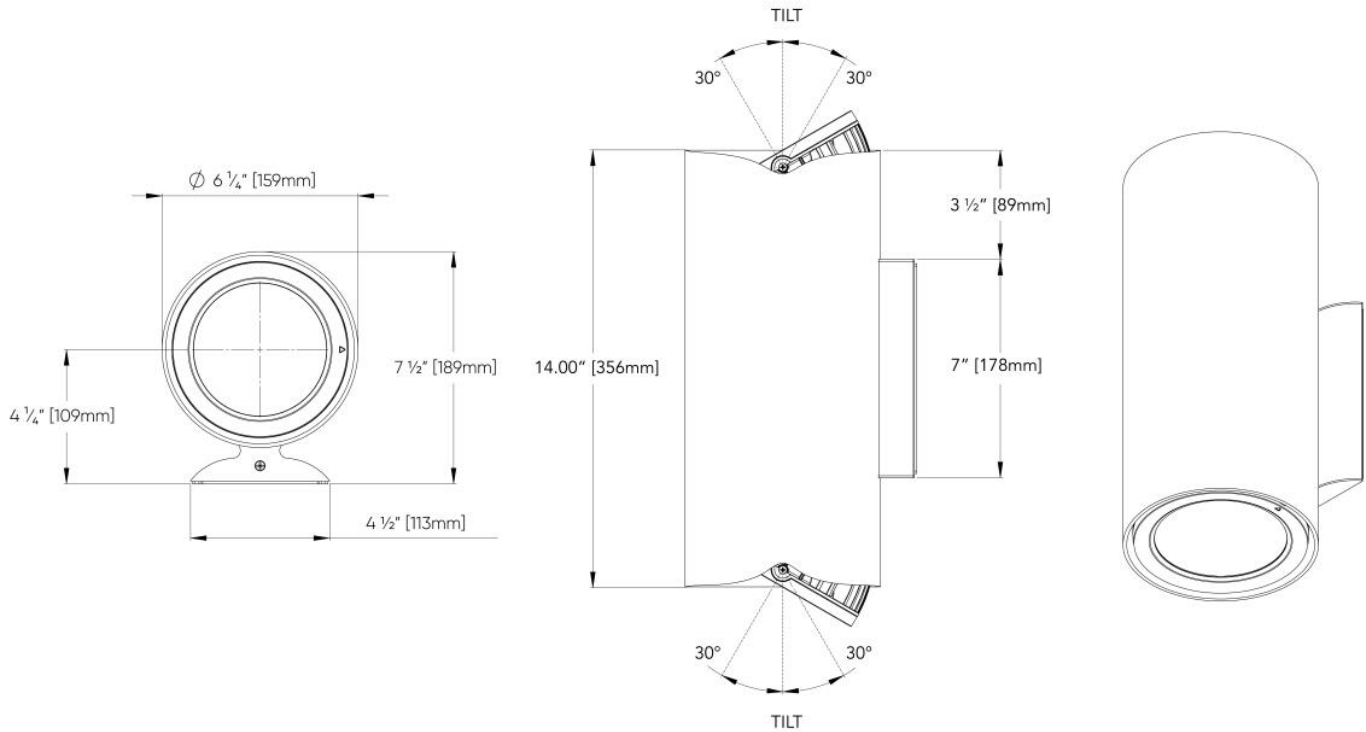
6" TYPE IV BEAM



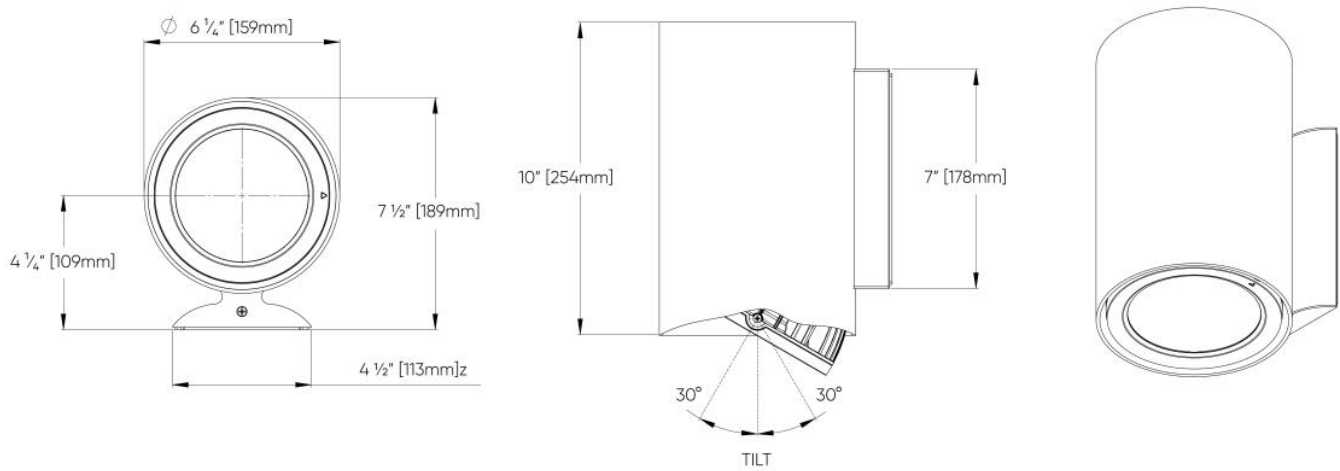
LUMENS	WATTS	LPW
2000	19	105
2500	27	96
3000	34	90

8 DIMENSIONAL DIAGRAMS

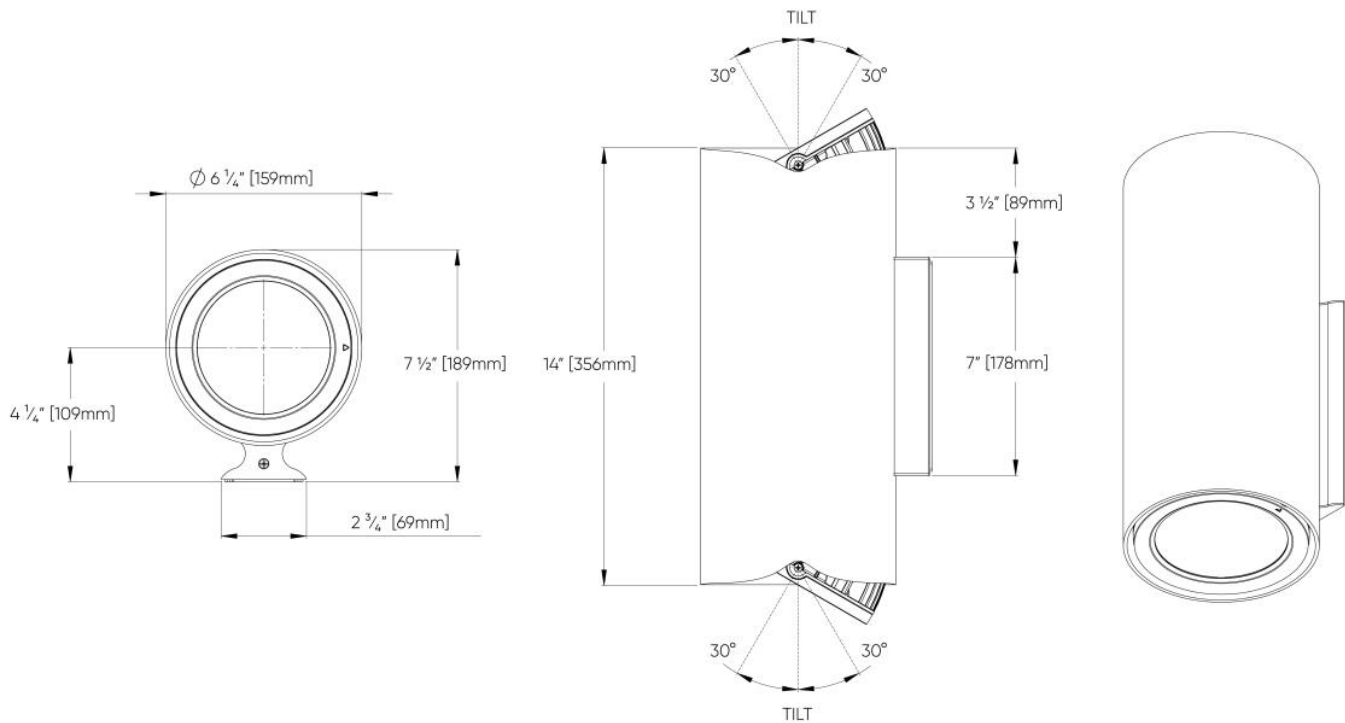
6" - Full Size Classic Wall Mount Direct-Indirect Only



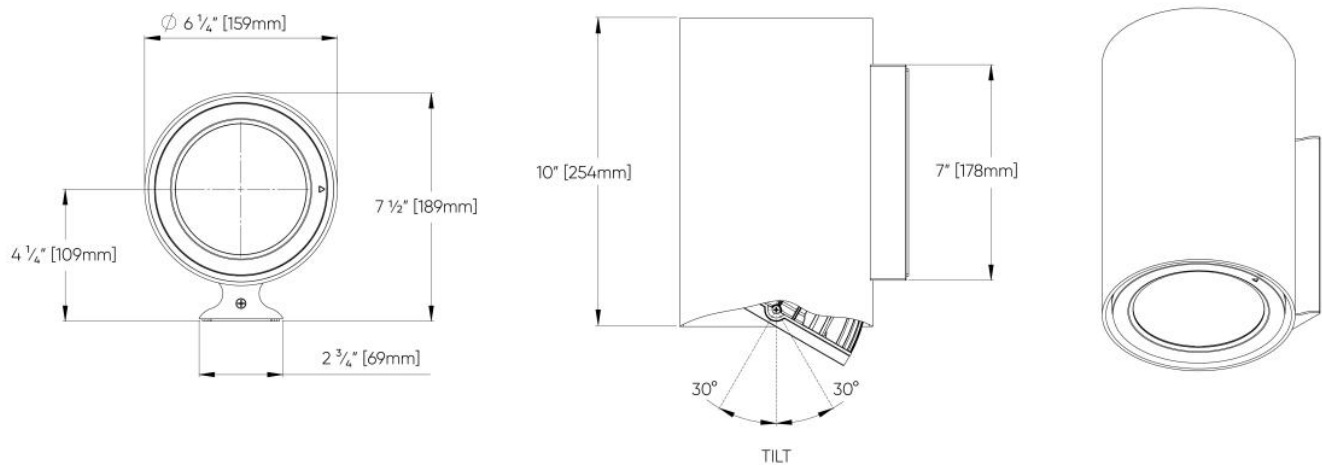
6" - Classic Wall Mount Direct or Indirect only



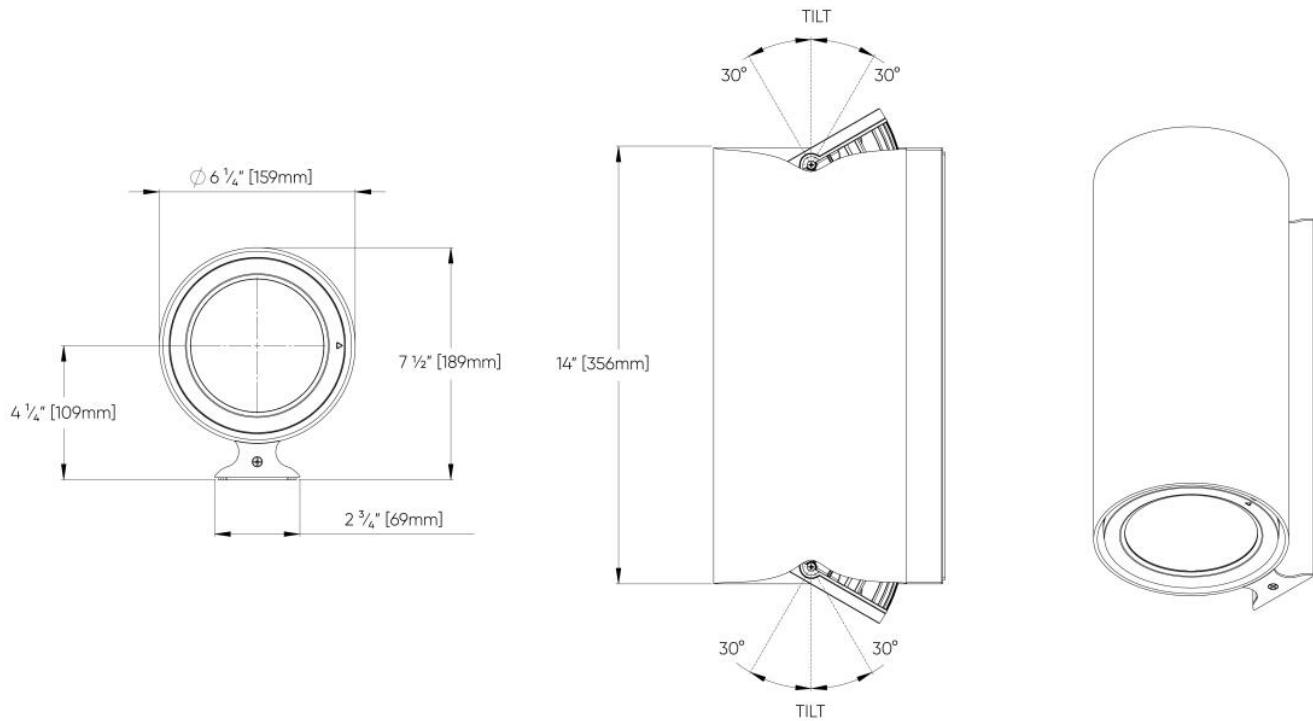
6" - Full Size Short Narrow Wall Mount Direct-Indirect Only



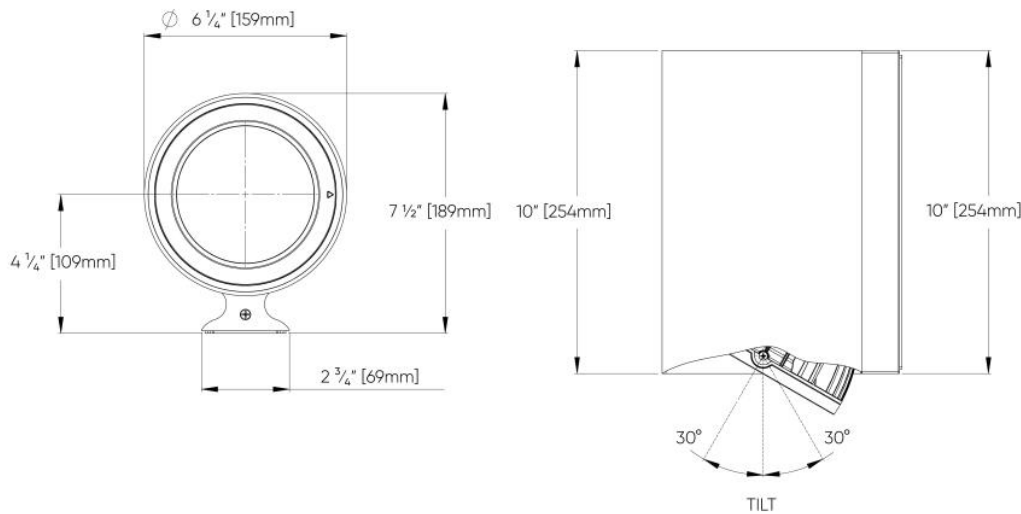
6" - Narrow Wall Mount Direct/Indirect Only



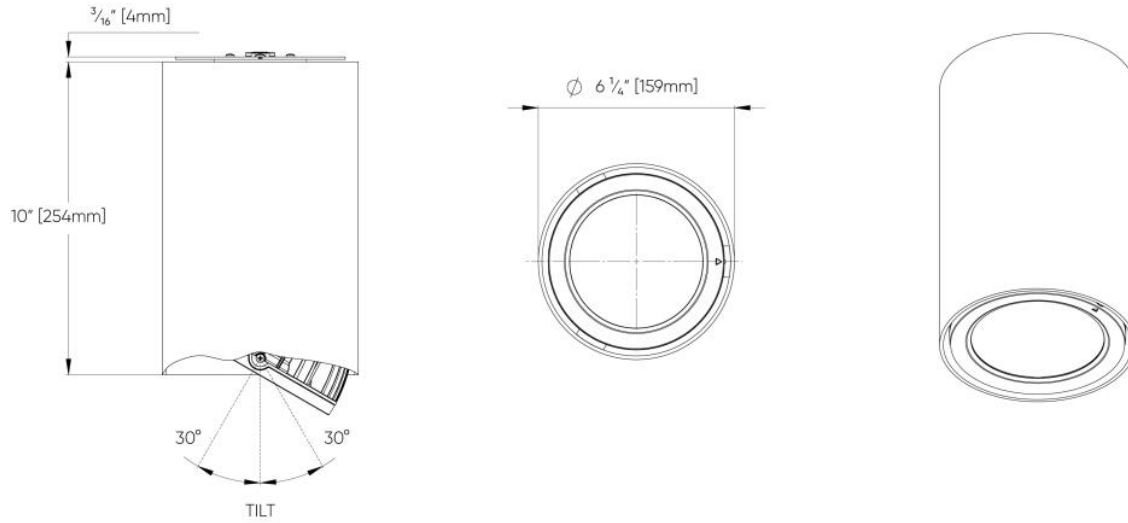
6" - Full Size Tall Narrow Wall Mount Direct-Indirect



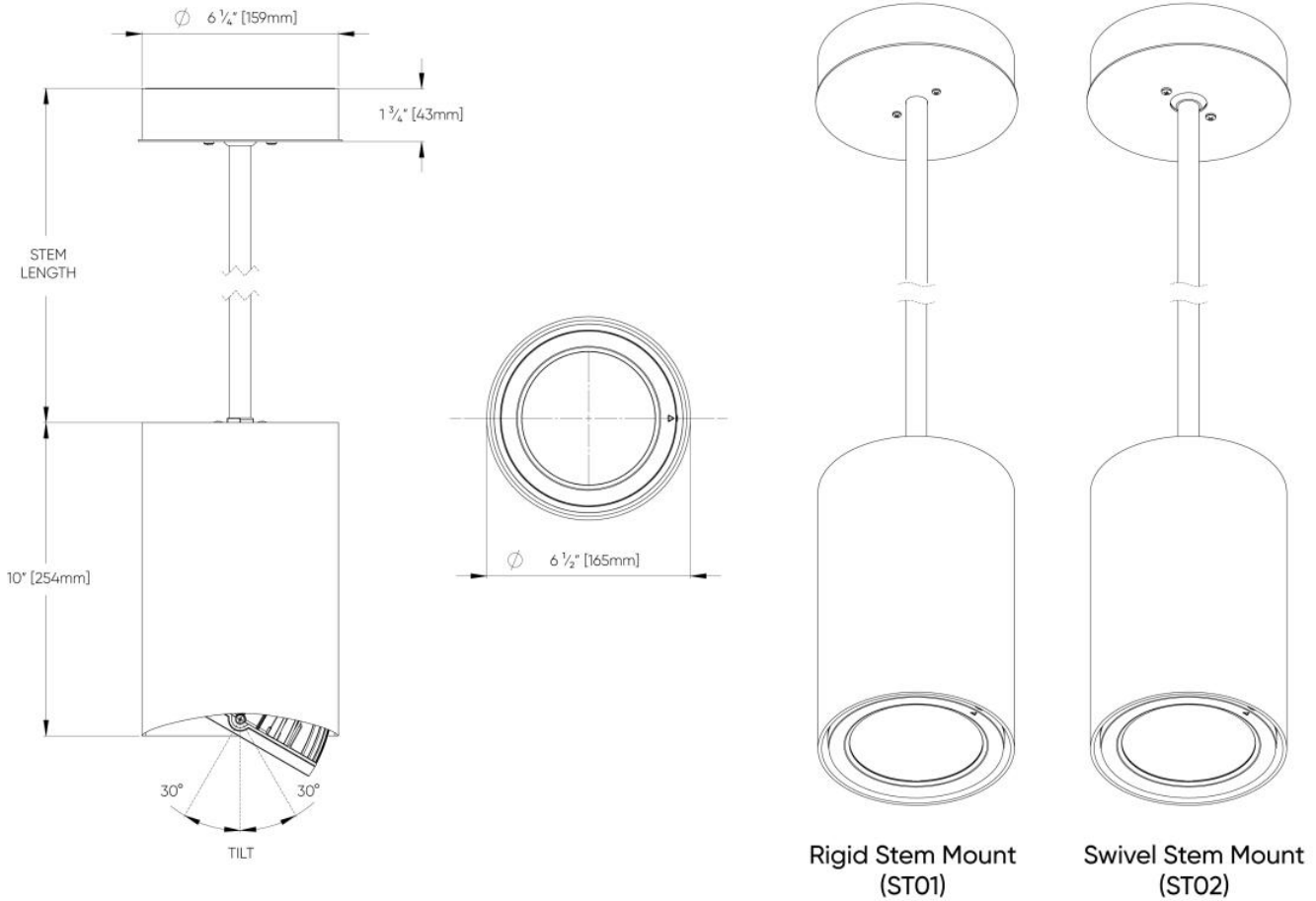
6" - Half Size Narrow full Wall Mount Direct Only



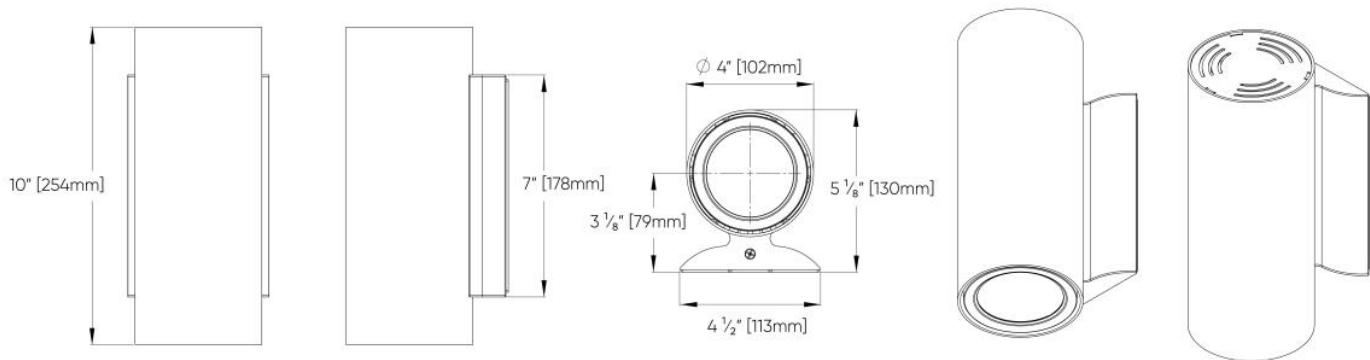
6" - Ceiling Surface Mount Direct Only



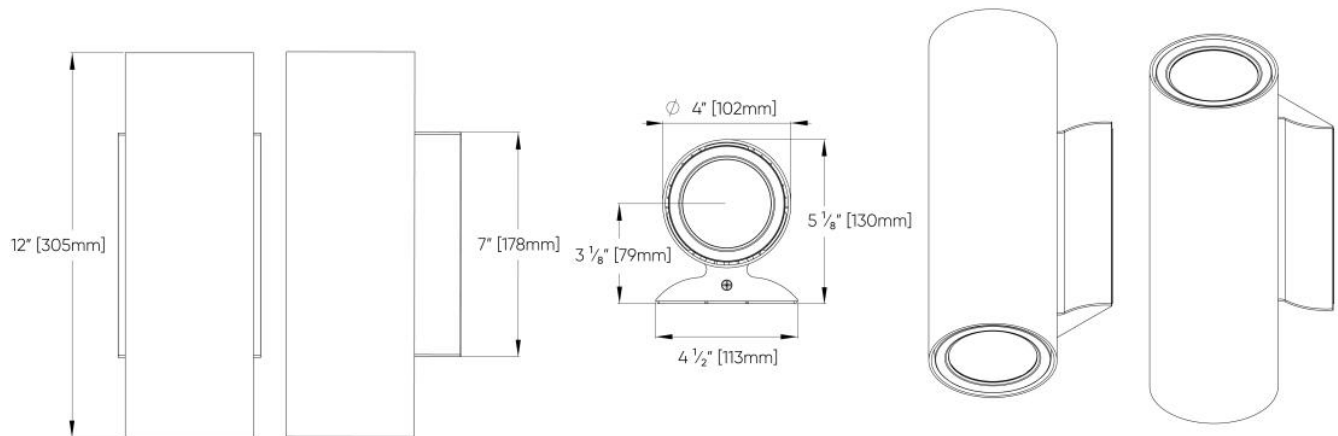
6" - Pendant Stem Mount Direct Only



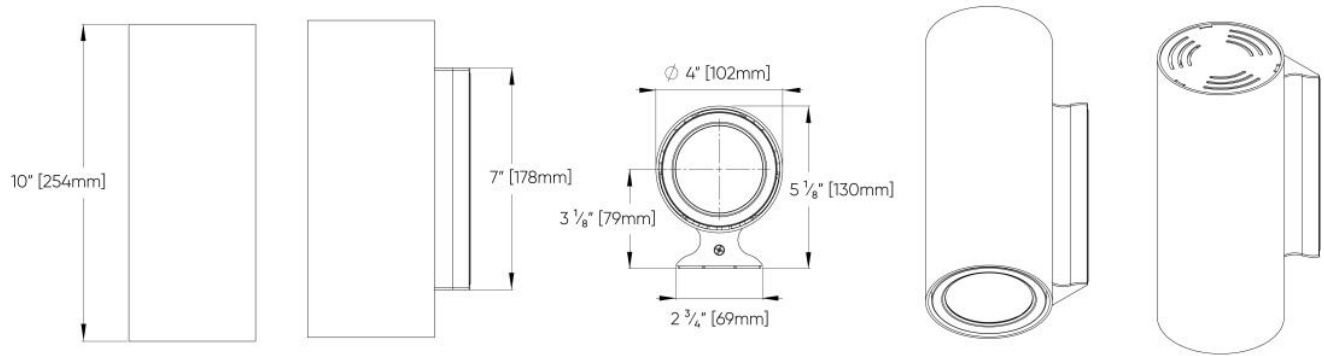
4"- Standard Classic Wall Mount Direct Only



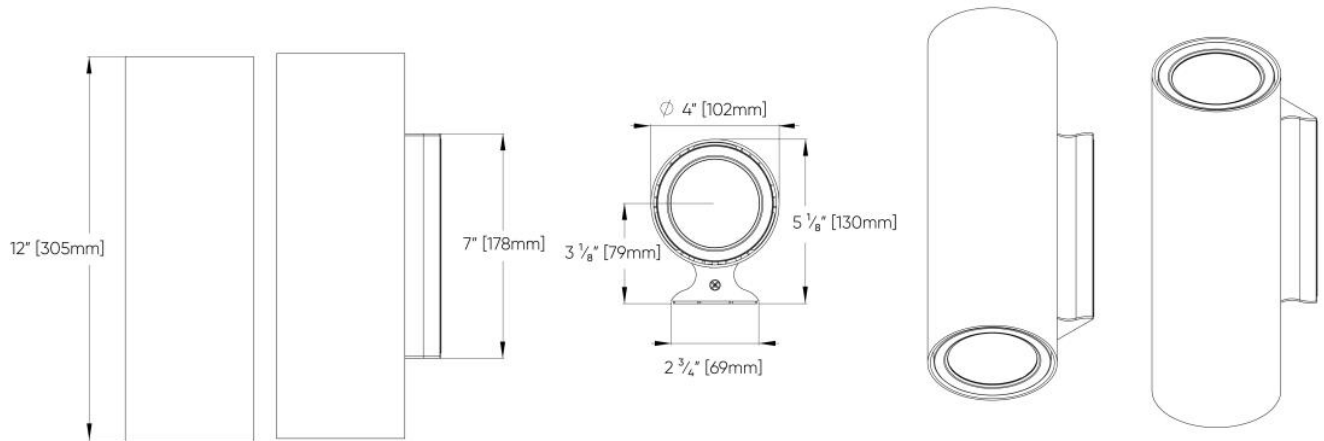
4"- Standard Classic Wall Mount Direct-Indirect Only



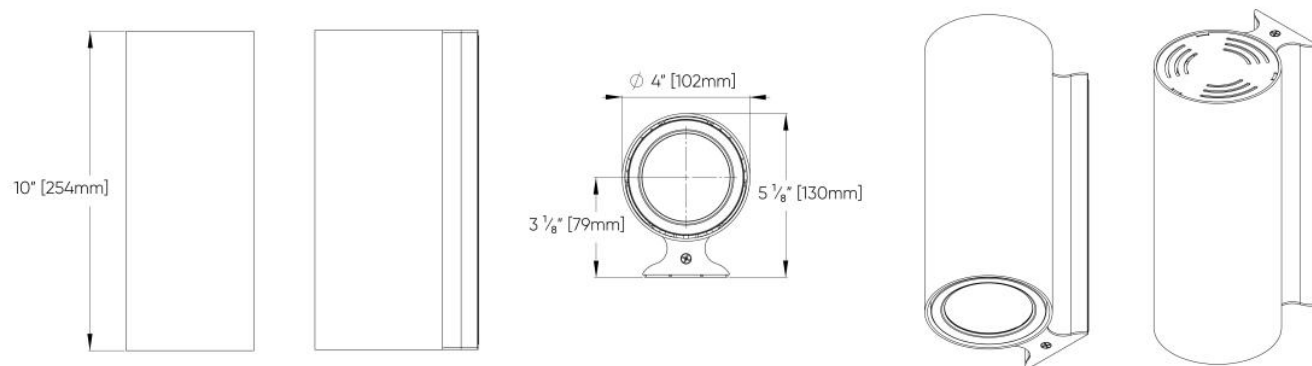
4"- Standard Narrow Wall Mount Direct Only



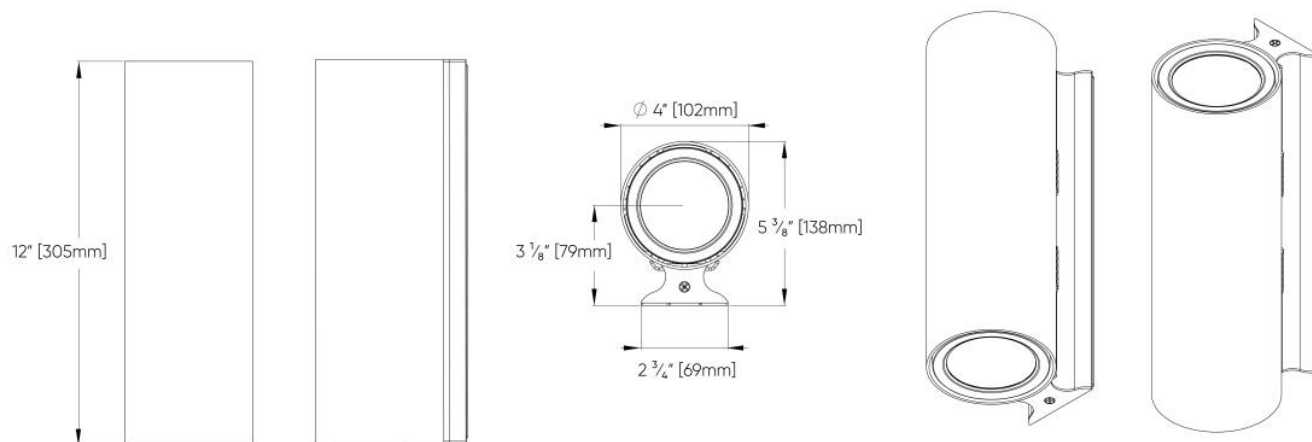
4"- Standard Narrow Wall Mount Direct-Indirect Only



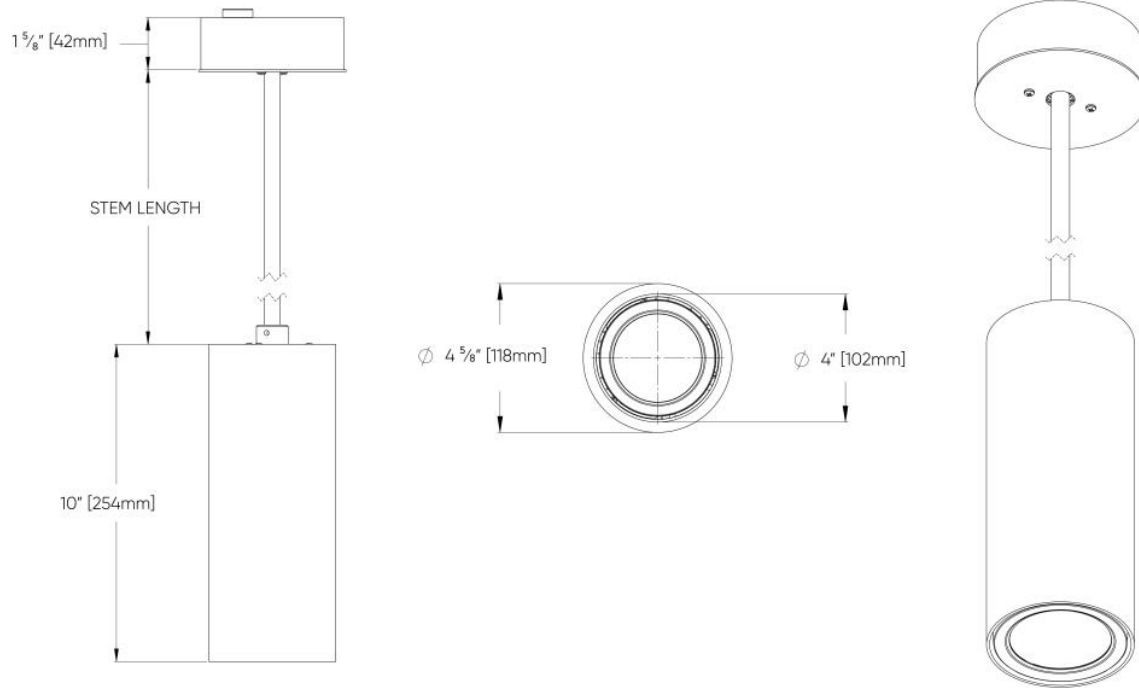
4" - Full Size Narrow Wall Mount Direct Only



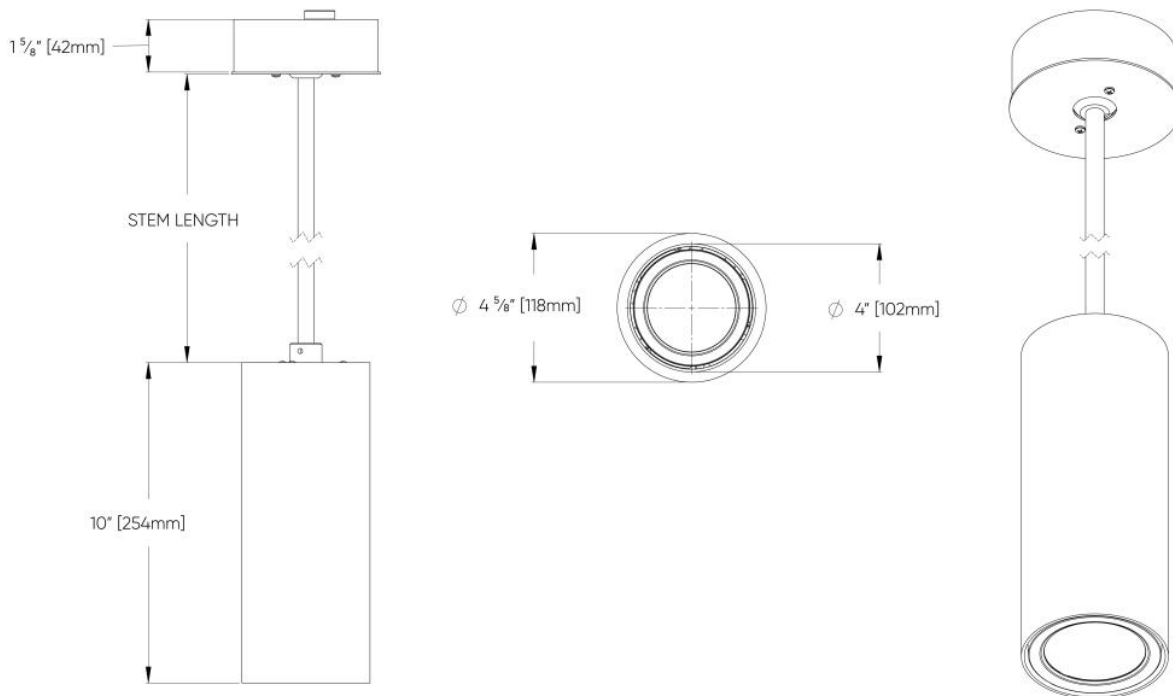
4" - Full Size Narrow Wall Mount Direct-Indirect Only



4"- Pendent Rigid Stem Mount Direct Only



4"- Pendent Swivel Stem Mount Direct Only



4"- Ceiling Mount Direct Only

