



CYLINDER EX™

FULL SPECIFICATION SHEET



Fixture Type

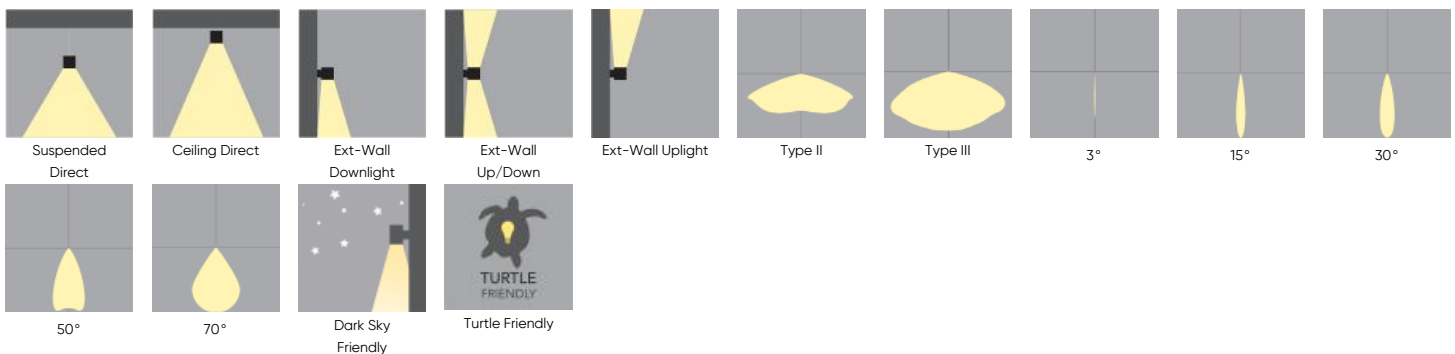
Fixture Code

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-inch 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-inch 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



IP66

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)

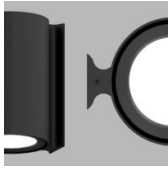
> 60,000 hrs

5 DESIGN OPTIONS

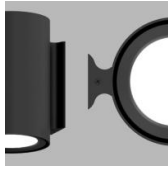
MOUNTING BRACKET



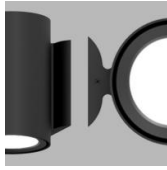
Not required



Narrow - Full
¹ ²



Narrow -
Standard ²



Classic -
Standard ³

* Mounting bracket finish to match fixture finish.

¹ Only available with Direct/Indirect

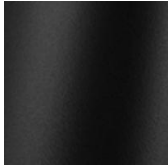
² The Wall Narrow versions mount to a 2"x4" switch box (supplied by others).

³ The Wall Classic version mount to a 4"x4" junction box (supplied by others).

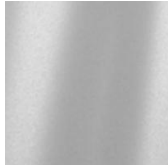
FIXTURE FINISH



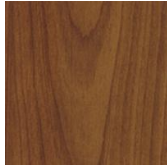
White



Black
Metallic -
Textured



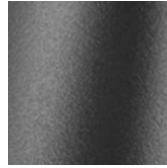
Silver
Metallic -
Textured



Wood grain
- Light
Cherry ¹



Wood grain
- Dark
Walnut ¹



Charcoal
Metallic -
Textured



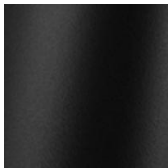
Bronze
Metallic -
Textured

¹ Longer than normal lead times may apply consult factory.

BEZEL FINISH



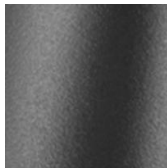
White



Black
Metallic -
Textured



Silver
Metallic -
Textured



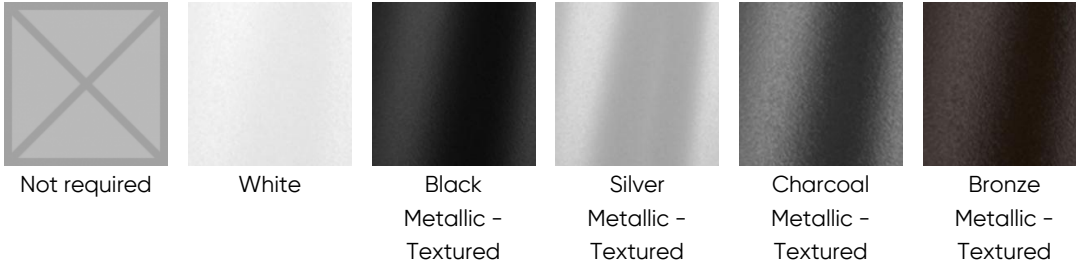
Charcoal
Metallic -
Textured



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

DR06 6"

3. DIRECTION

DT1 Direct 10" housing ^{1 2}

DT2 Direct/Indirect 14" housing ³

¹ Available for wall, ceiling, and pendant.

² Wall mount direct only can be installed pointing up or down.

³ Available for wall mount only.

Direct will have a 10" tall housing

Direct/Indirect will have a 14" tall housing

4. LIGHT SOURCE

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

All data based on max output and nominal values.

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 LED Direct only with 50° direct distribution.

7. DISTRIBUTION DIRECT

BAT2 Type II ¹

BAT3 Type III ¹

BA03 3° ²

BA15 15° ⁴

BA30 30° ⁴

BA50 50° ⁴

BA70 70° ³

¹ Available for Direct, and LEDs / Multi-Array Optics distribution, not recommended for Indirect use. Available with Direct lumens of 2000 and 3000, not 4000.

² Available for 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 LEDs / Multi-Array Optics distribution.

⁴ Available for LEDs / Multi-Array Optics distribution and COB / Reflector.

8. DISTRIBUTION INDIRECT

BB00 Not required

BB03 3° ¹

BB15 15° ²

BB30 30° ²

BB50 50° ³

BB70 70° ²

¹ Available for LEDs, Indirect and Wall version only. There may be a +/- 250K variance in color temperature. The head is not adjustable.

² Available for LEDs / Multi-Array Optics distribution.

³ Available for LEDs / Multi-Array Optics distribution and COB / Reflector.

9. LUMENS DIRECT

LMA0005 59 lms ¹

LMA0040 400 lms ²

LMA0200 2000 lms

LMA0300 3000 lms

LMA0400 4000 lms ³

¹ Available for 3° Direct distribution.

² Available for Amber (Turtle Friendly) light.

³ Available for Direct only, 15°, 30°, 50°, and 70°.

10. LUMENS INDIRECT

LMB0000 Not required **LMB0005** 59 lms ¹ **LMB0200** 2000 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 ² **MB3** Classic - Standard ³

* Mounting bracket finish to match fixture finish.

¹ Only available with Direct/Indirect

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

³ The Wall Classic version mount to a 4"x4" junction box (supplied by others).

14. CONDUIT MOUNT

CDM0 Not required **CDM1** Required ¹

¹ Consult factory.

15. SUSPENSION (STEM MOUNT)

SL00 Not required **SL03** 3ft

Stems will always be Black Matallic Textured finished. Custom lengths available, consult factory for details.

16. FIXTURE FINISH

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

¹ Longer than normal lead times may apply consult factory.

17. BEZEL FINISH

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

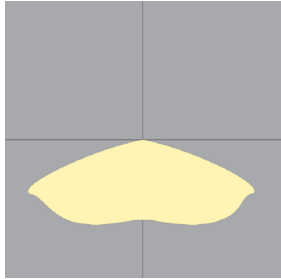
Shatterproof lens available, consult factory.

18. 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

TYPE II BEAM



LUMENS

2000
3000

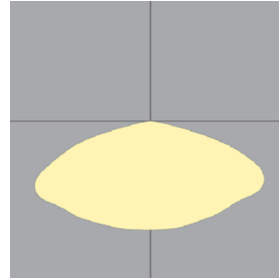
WATTS

19
34

LPW

112
97

TYPE III BEAM



LUMENS

2000
3000

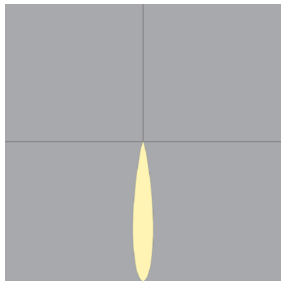
WATTS

19
34

LPW

109
94

15° BEAM, TYPE V - LED



LUMENS

2000
3000
4000

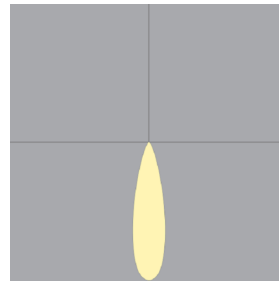
WATTS

16
25
37

LPW

123
116
110

30° BEAM, TYPE V - LED



LUMENS

2000
3000
4000

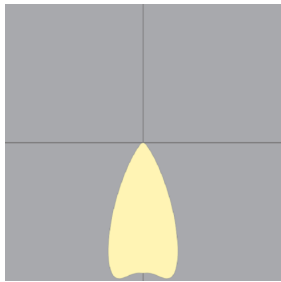
WATTS

16
25
37

LPW

125
118
112

50° BEAM, TYPE V - LED



LUMENS

2000
3000
4000

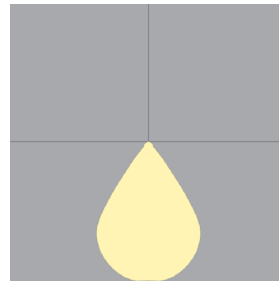
WATTS

16
25
37

LPW

119
112
106

70° BEAM, TYPE V - LED



LUMENS

2000
3000
4000

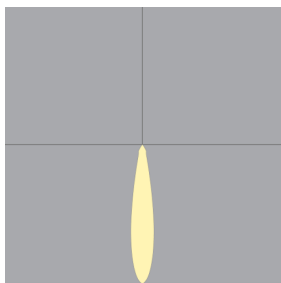
WATTS

16
25
37

LPW

119
113
107

15° BEAM, TYPE V - COB



LUMENS

2000
3000
4000

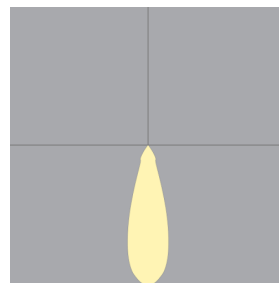
WATTS

20
27
34

LPW

119
116
112

30° BEAM, TYPE V - COB



LUMENS

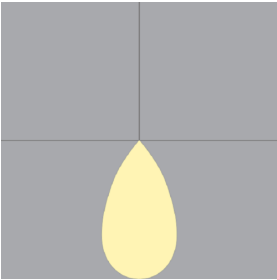
2000
3000
4000

WATTS

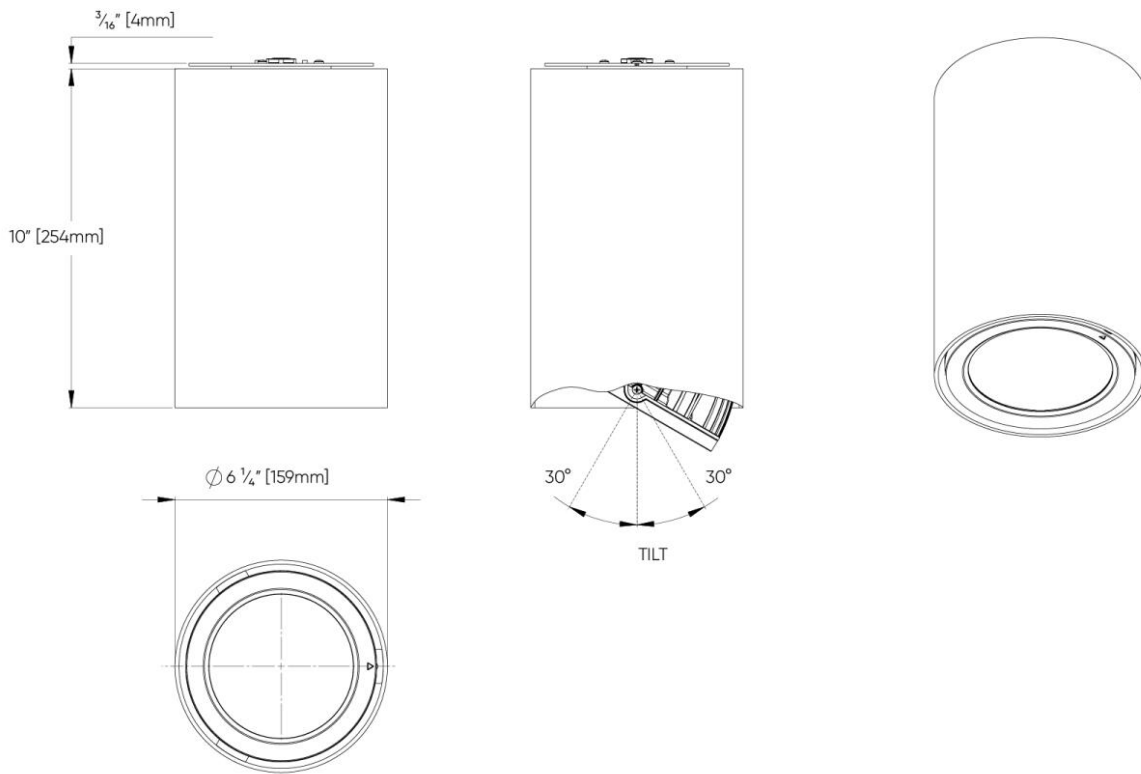
20
27
34

LPW

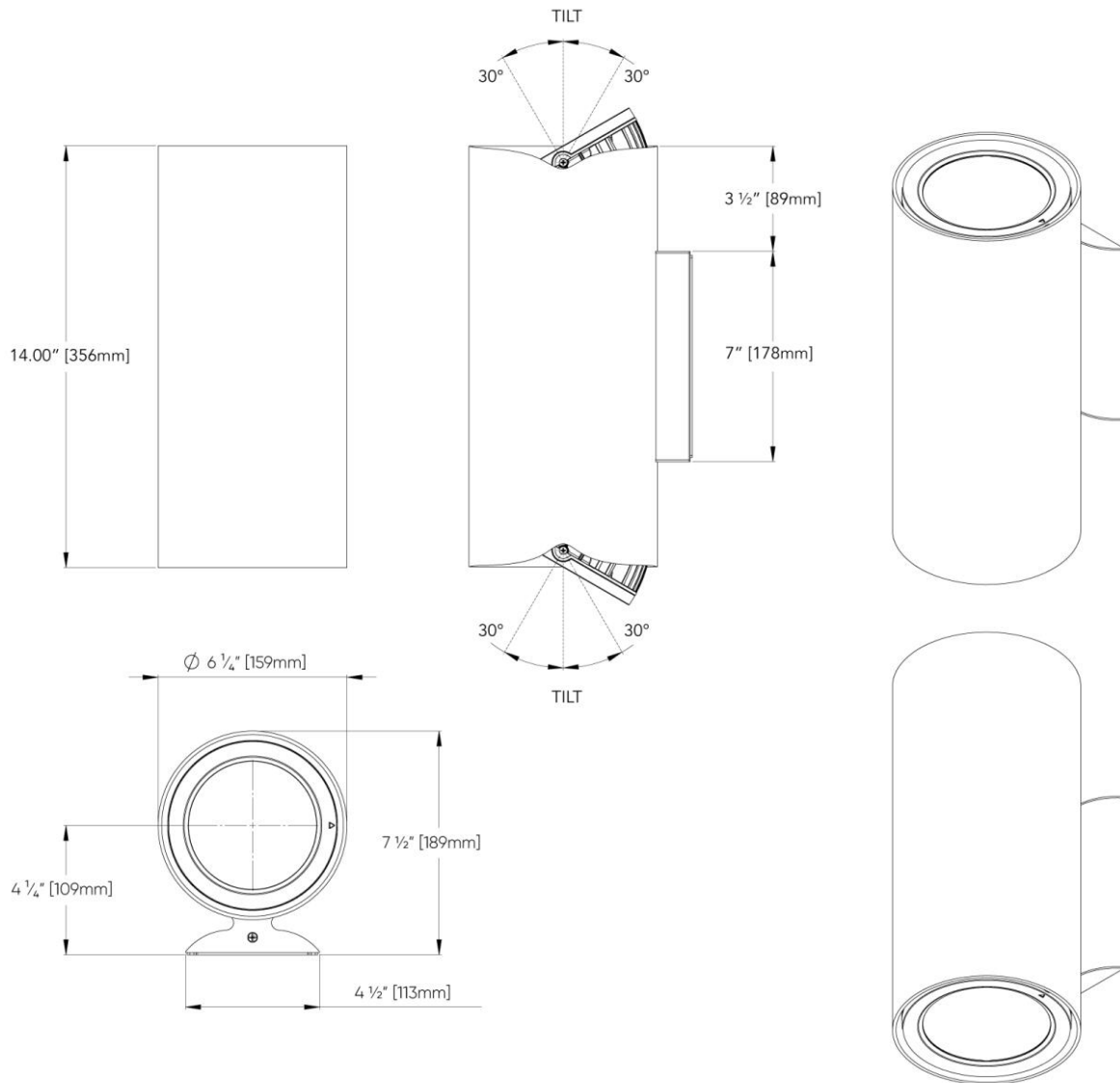
118
115
111

50° BEAM, TYPE V – COB	LUMENS	WATTS	LPW
	2000	20	124
	3000	27	121
	4000	34	117

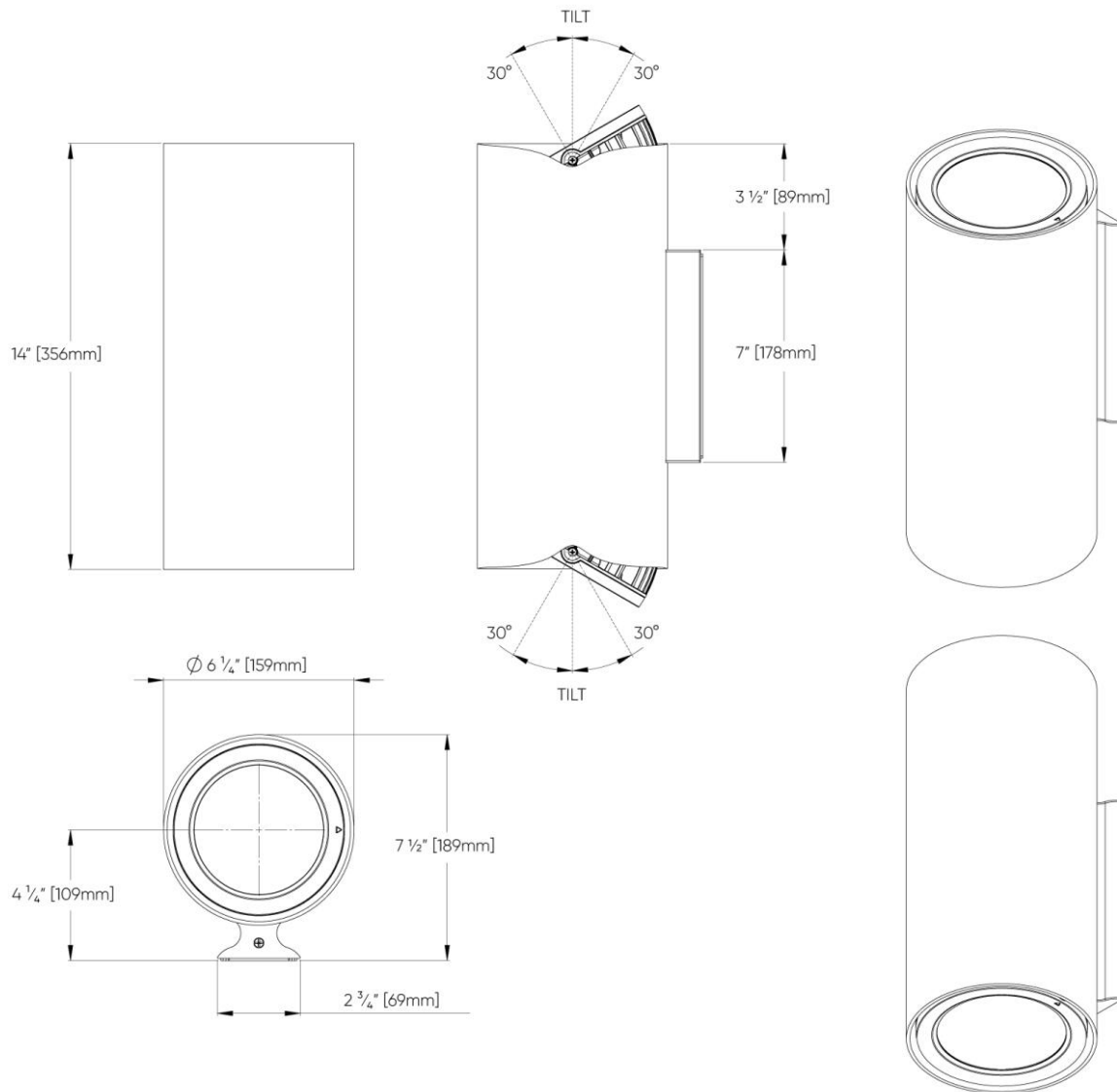
6" - Ceiling Surface Mount Direct Only



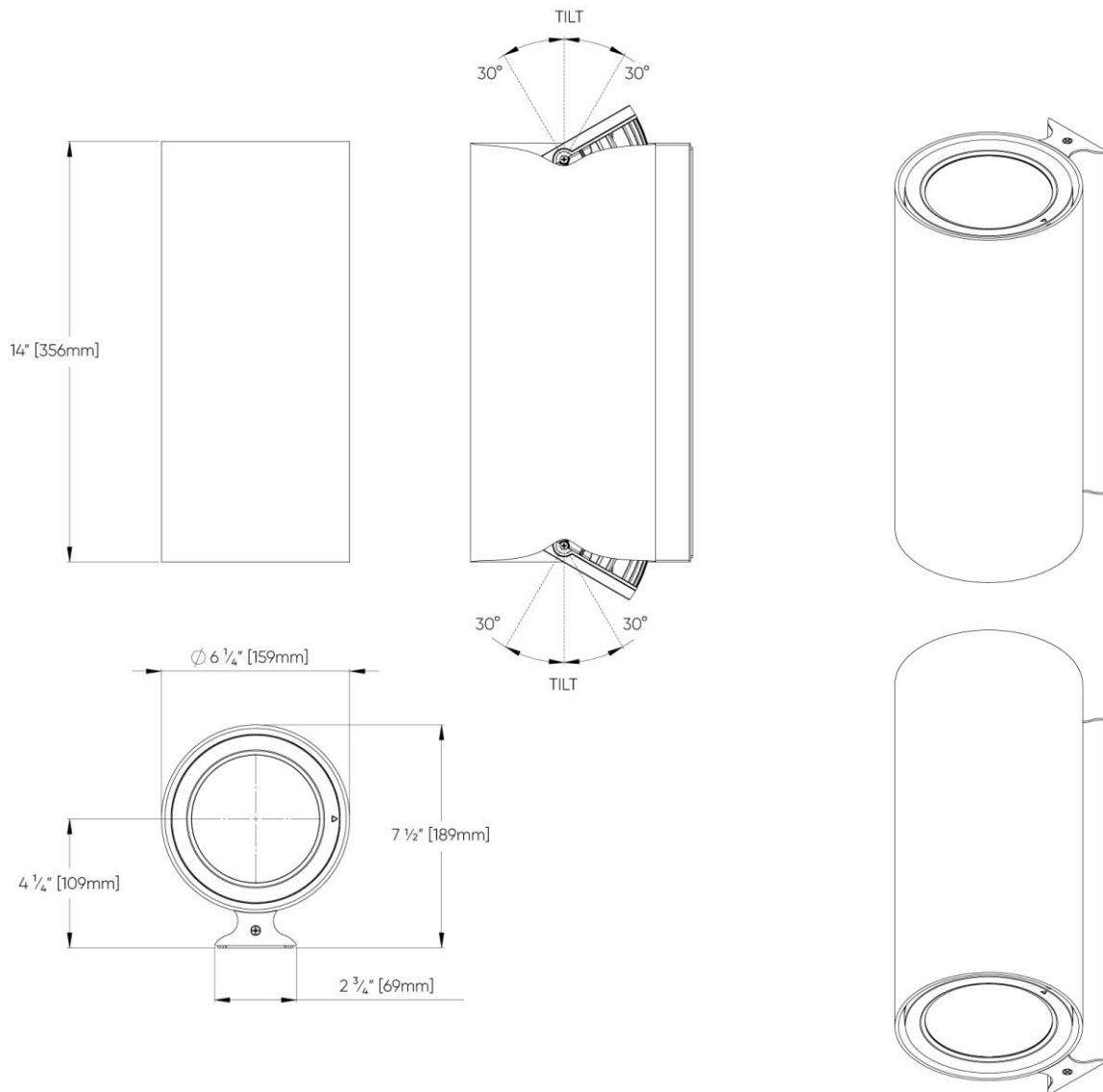
6"- Full Size Classic Wall Mount Direct-Indirect Only



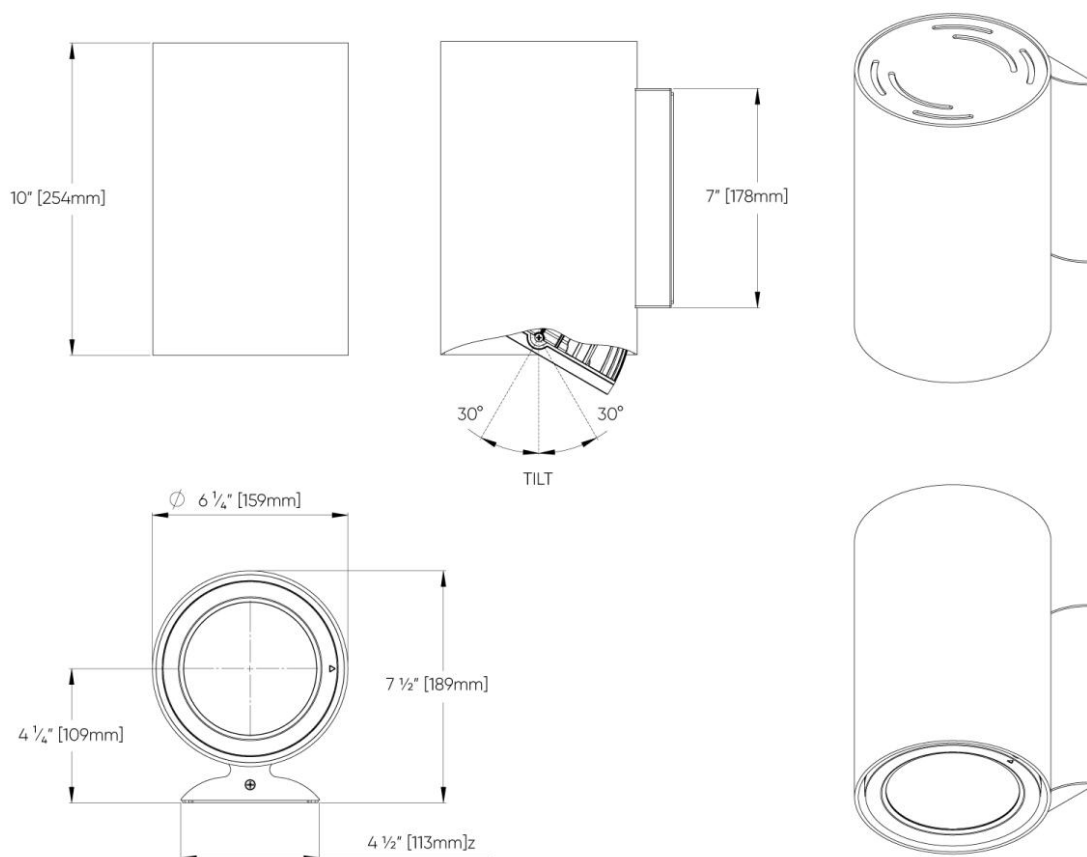
6" - Full Size Short Narrow Wall Mount Direct-Indirect Only



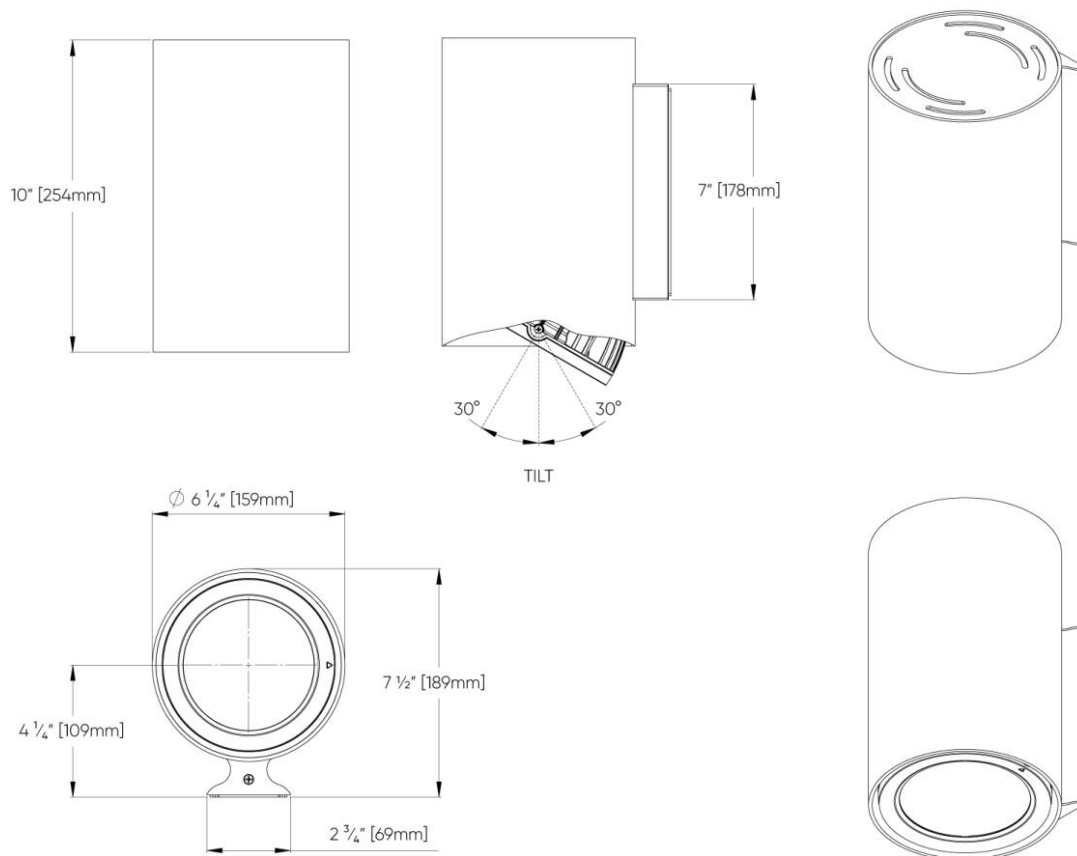
6" - Full Size Tall Narrow Wall Mount Direct-Indirect



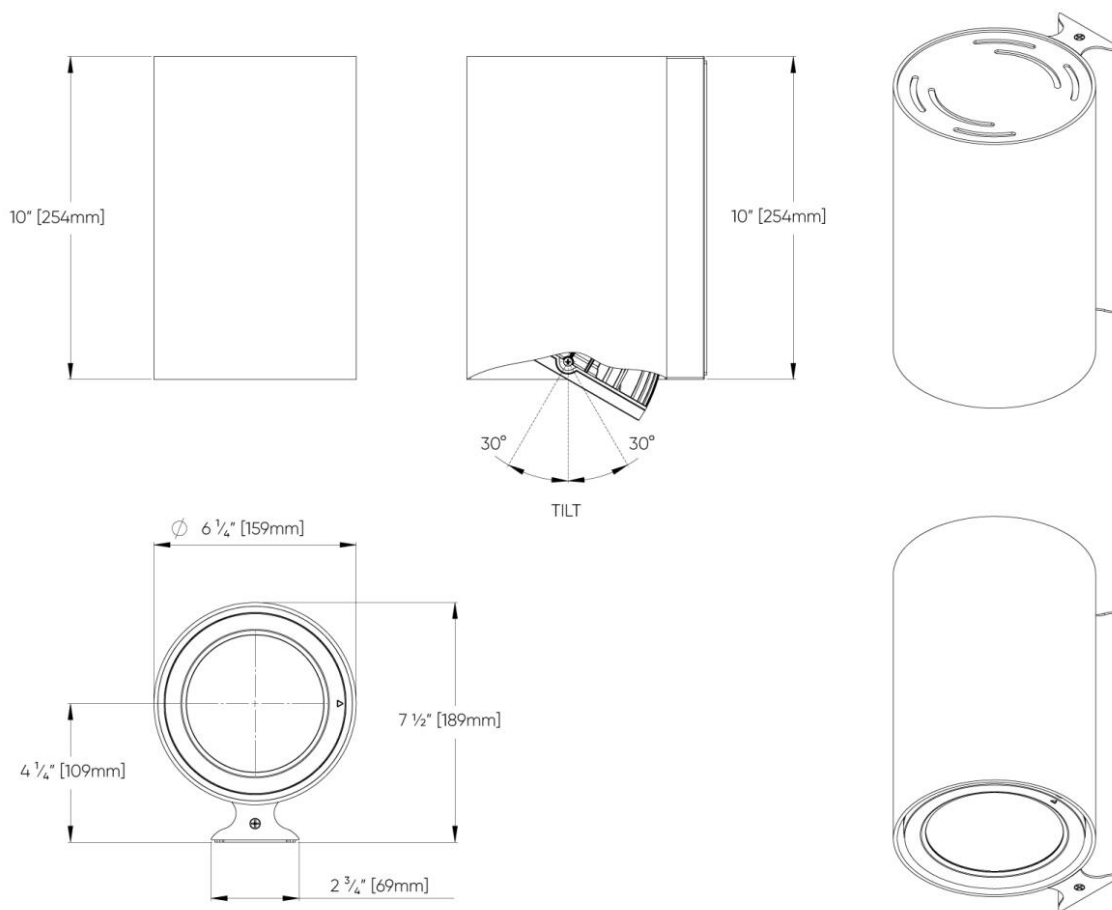
6" - Classic Wall Mount Direct or Indirect only



6" - Narrow Wall Mount Direct/Indirect Only



6" - Half Size Narrow full Wall Mount Direct Only



6" - Pendant Rigid Stem Mount Direct Only (ST01)

