

Project Name:

Fixture Type:

Fixture Code:

Quantities:



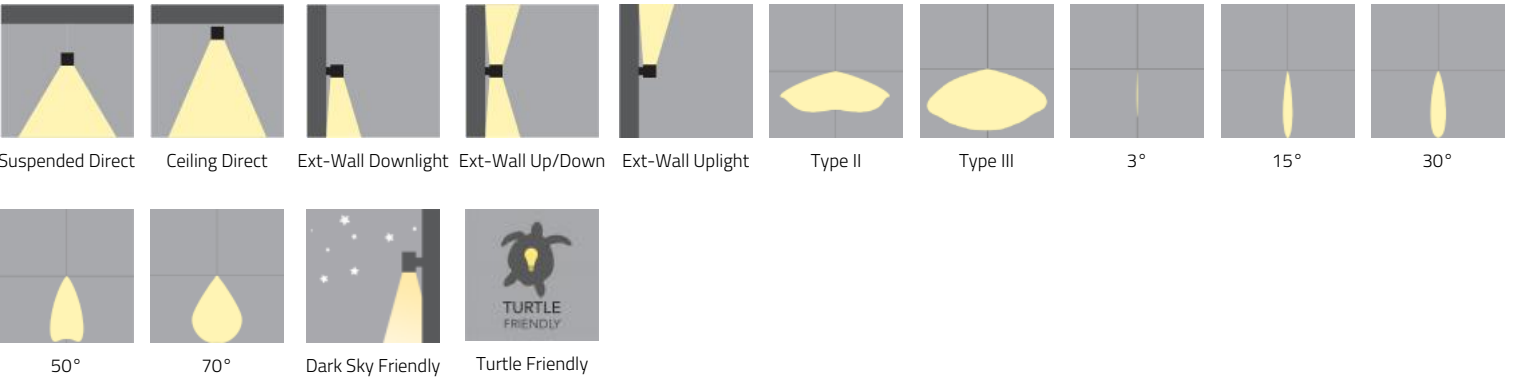
CYLINDER EX™

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 +/- 30° 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.

GENERAL SPECIFICATION

Housing Die-cast and extruded aluminum.	External Screws Stainless steel.
Lens Clear glass.	Finish Powder coated.
Drivers HPF, electronic for 120-277V (EU-240V).	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.	Turtle Friendly Amber (590nm) for Turtle Friendly compliance.
BUG Rating (Direct Light): Type II, III, : B1-U0-G1 Type IV: B3-U0-G0	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.
Hardware Vandal proof hardware included.	Lens Shatterproof lens available, consult factory.
Delivered Lumens Delivered lumens & LPW based on 4000K (min 80 CRI).	REPORTED L70 @25°C (77°F) > 60,000 hrs

OPTICS & FEATURES



CYLINDER EX™

HOW TO ORDER

A. LUMINAIRE

CYXW Wall	CYXC Ceiling	CYXP Pendant ¹
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Conduit mount is an option for wall and ceiling versions, consult factory.

¹ Pendant is stem mount only.

B. DIAMETER

DR06 6"

C. DIRECTION

DT1 Direct 10" housing ^{1 2}	DT2 Direct/Indirect 14" housing ³
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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

D. LIGHT SOURCE

DN01 LEDs / Multi-Array Optics	DN02 COB / Reflector
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All data based on max output and nominal values.

E. CRI

CR00 Not required (For Amber Light)	CR80 CRI 80+
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F. CCT

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

¹ Available for LED Direct only with 50° direct distribution.

G. 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.

H. 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.

CYLINDER EX™

I. 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°.

J. LUMENS INDIRECT

LMB0000 Not required	LMB0005 59 lms ¹	LMB0200 2000 lms	LMB0300 3000 lms
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¹ Available for 3° Indirect distribution.

K. VOLTAGE

V1 120/277V	V2 240V ¹
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¹ Not available in North America

L. 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
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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

M. MOUNTING BRACKET

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

N. CONDUIT MOUNT

CDM0 Not required	CDM1 Required ¹
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¹ Consult factory.

O. SUSPENSION (STEM MOUNT)

SL00 Not required	SL03 3ft
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Stems will always be Black Matallic Textured finished. Custom lengths available, consult factory for details.

P. 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.

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Q. BEZEL FINISH

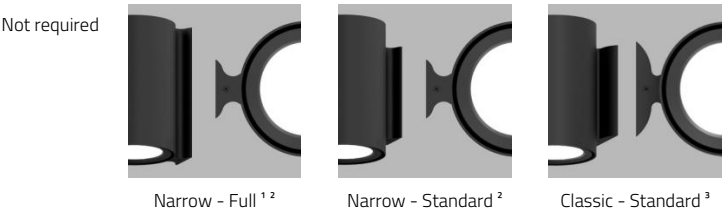
FB01 White	FB02 Black Metallic - Textured	FB20 Silver Metallic - Textured	FB46 Charcoal Metallic - Textured
FB47 Bronze Metallic - Textured			

Shatterproof lens available, consult factory.

R. CANOPY & STEM FINISH

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

MOUNTING BRACKET



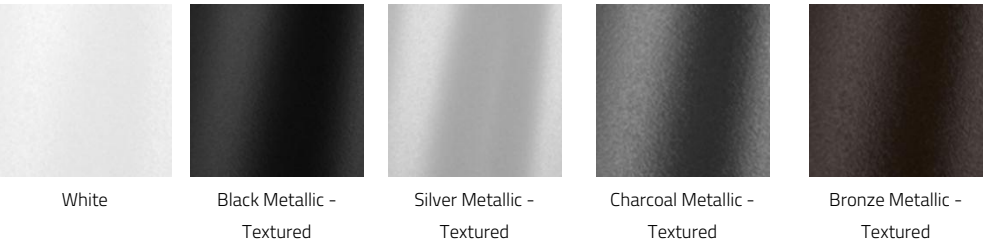
* Mounting bracket finish to match fixture finish.
¹ Only available with Direct/Indirect
² The Wall Narrow versions mount to a 2"x4" switch box (supplied by others).
³ The Wall Classic version mount to a 4"x4" junction box (supplied by others).

FIXTURE FINISH



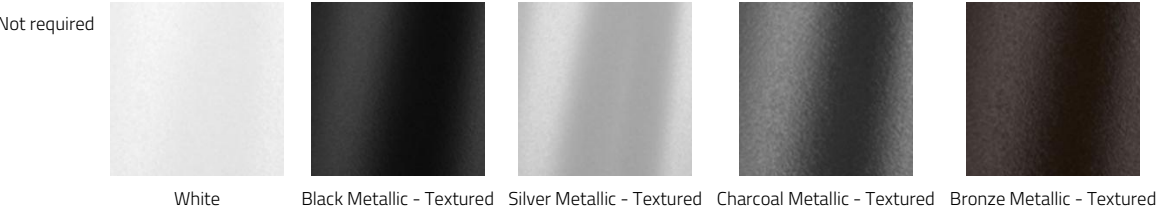
¹ Longer than normal lead times may apply consult factory.

BEZEL FINISH



Shatterproof lens available, consult factory.

CANOPY & STEM FINISH



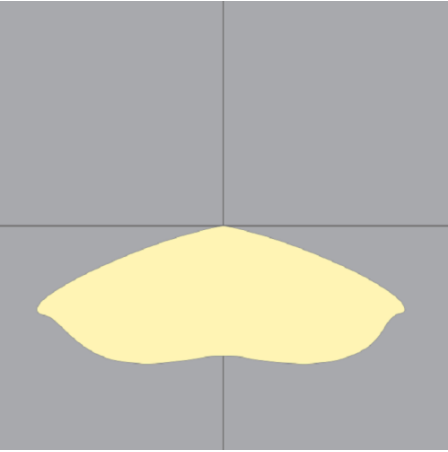
APPROVALS



CYLINDER EX™

PERFORMANCE DATA

TYPE II BEAM

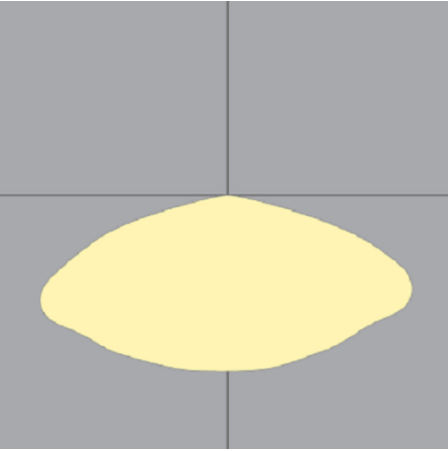


LUMENS
2000
3000

WATTS
19
34

LPW
112
97

TYPE III BEAM

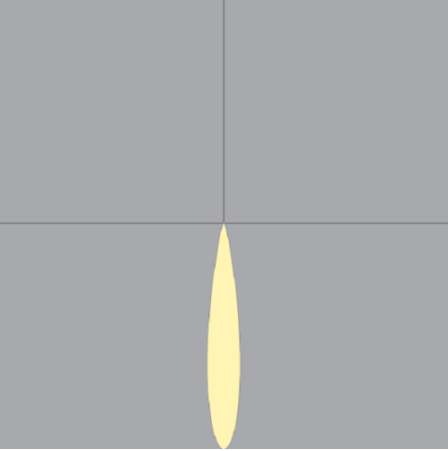


LUMENS
2000
3000

WATTS
19
34

LPW
109
94

15° BEAM, TYPE V - LED



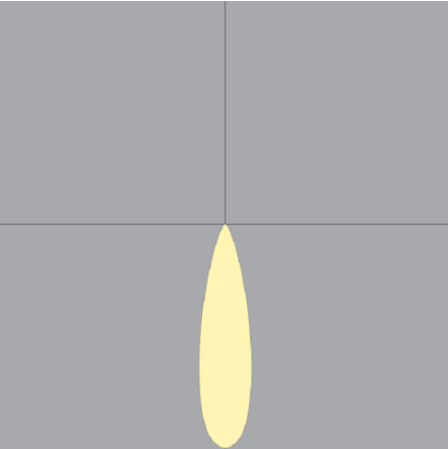
LUMENS
2000
3000
4000

WATTS
16
25
37

LPW
123
116
110

CYLINDER EX™

30° BEAM, TYPE V - LED

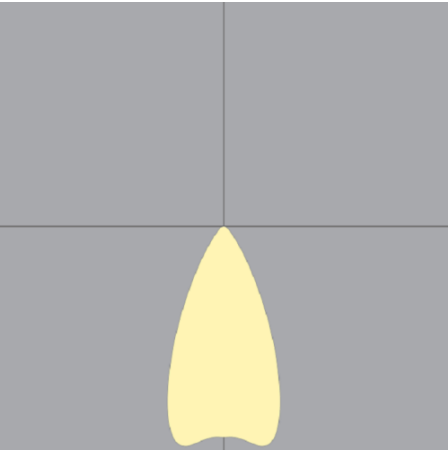


LUMENS
2000
3000
4000

WATTS
16
25
37

LPW
125
118
112

50° BEAM, TYPE V - LED

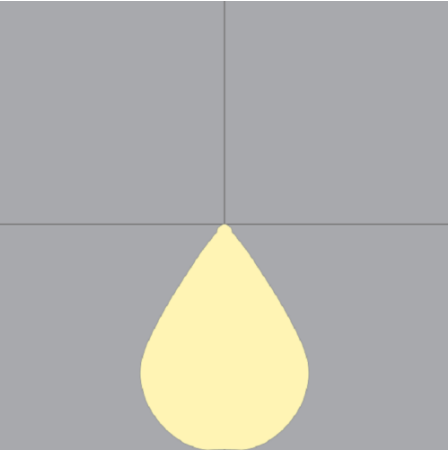


LUMENS
2000
3000
4000

WATTS
16
25
37

LPW
119
112
106

70° BEAM, TYPE V - LED



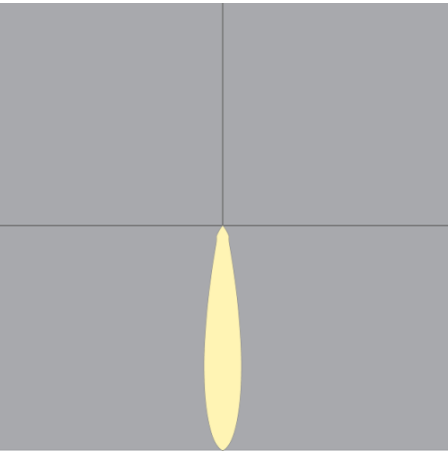
LUMENS
2000
3000
4000

WATTS
16
25
37

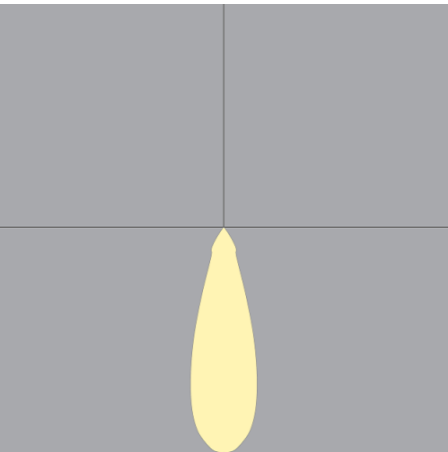
LPW
119
113
107

CYLINDER EX™

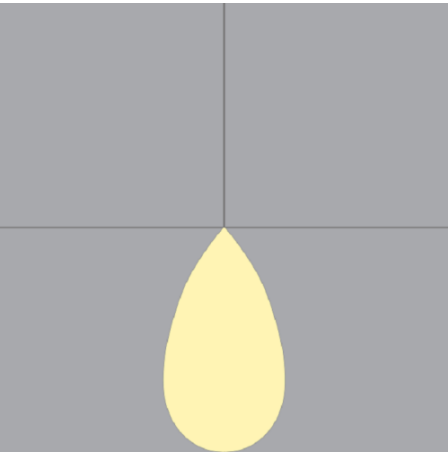
15° BEAM, TYPE V - COB

	LUMENS	WATTS	LPW
	2000	20	119
	3000	27	116
	4000	34	112

30° BEAM, TYPE V - COB

	LUMENS	WATTS	LPW
	2000	20	118
	3000	27	115
	4000	34	111

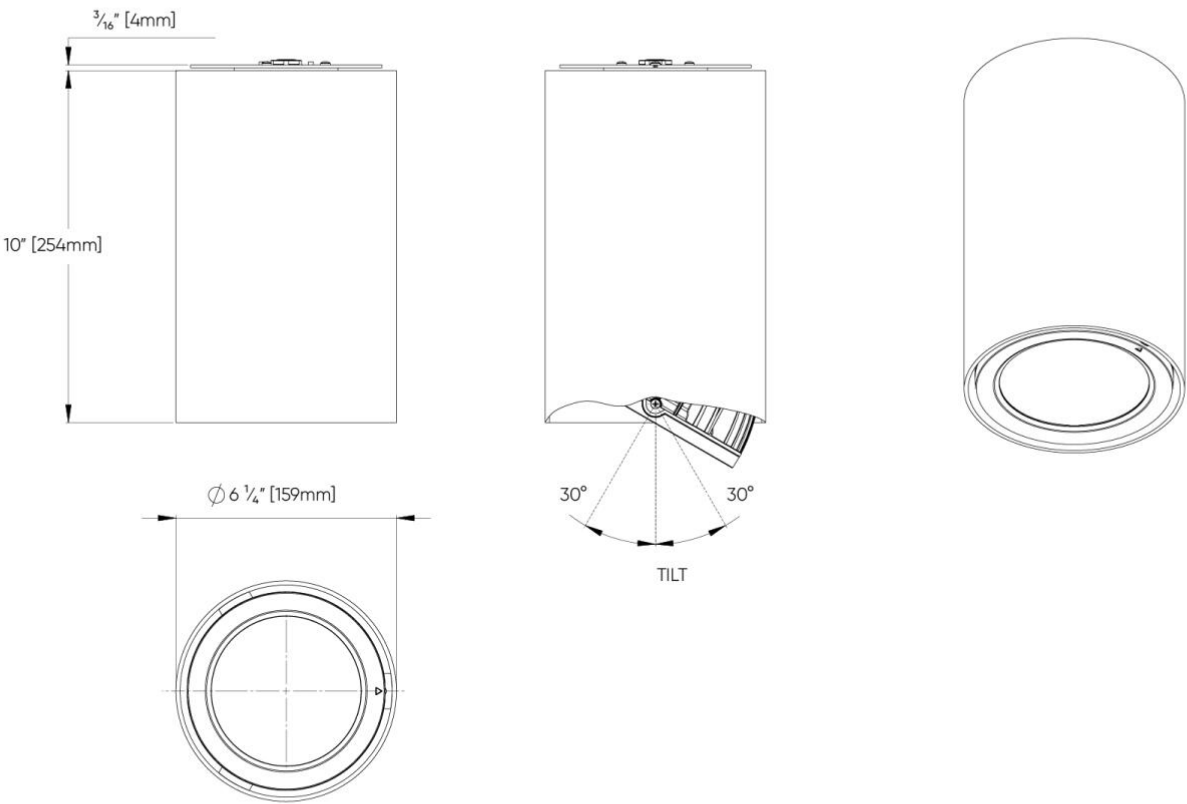
50° BEAM, TYPE V - COB

	LUMENS	WATTS	LPW
	2000	20	124
	3000	27	121
	4000	34	117

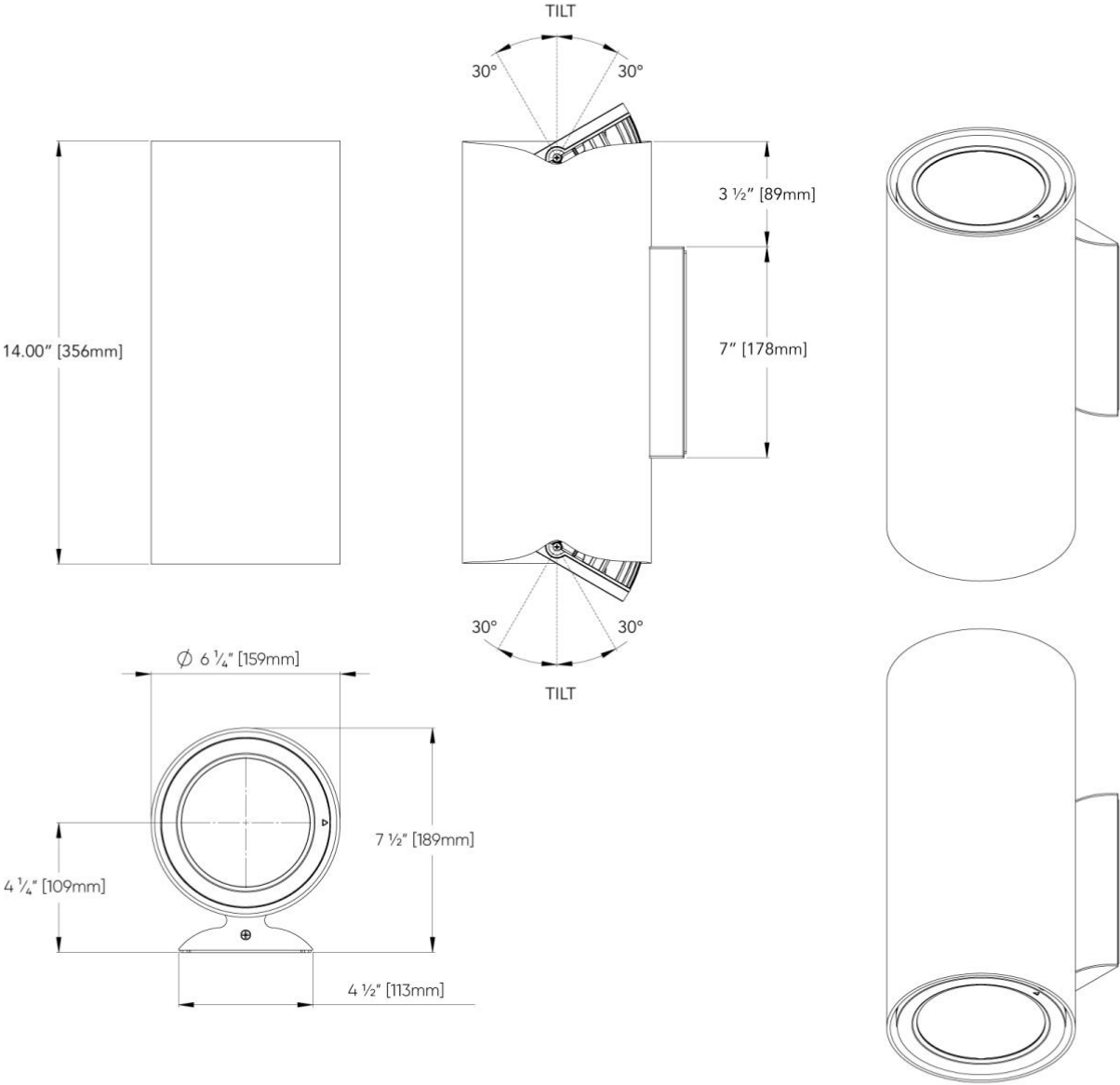
CYLINDER EX™

DIMENSIONAL DIAGRAMS

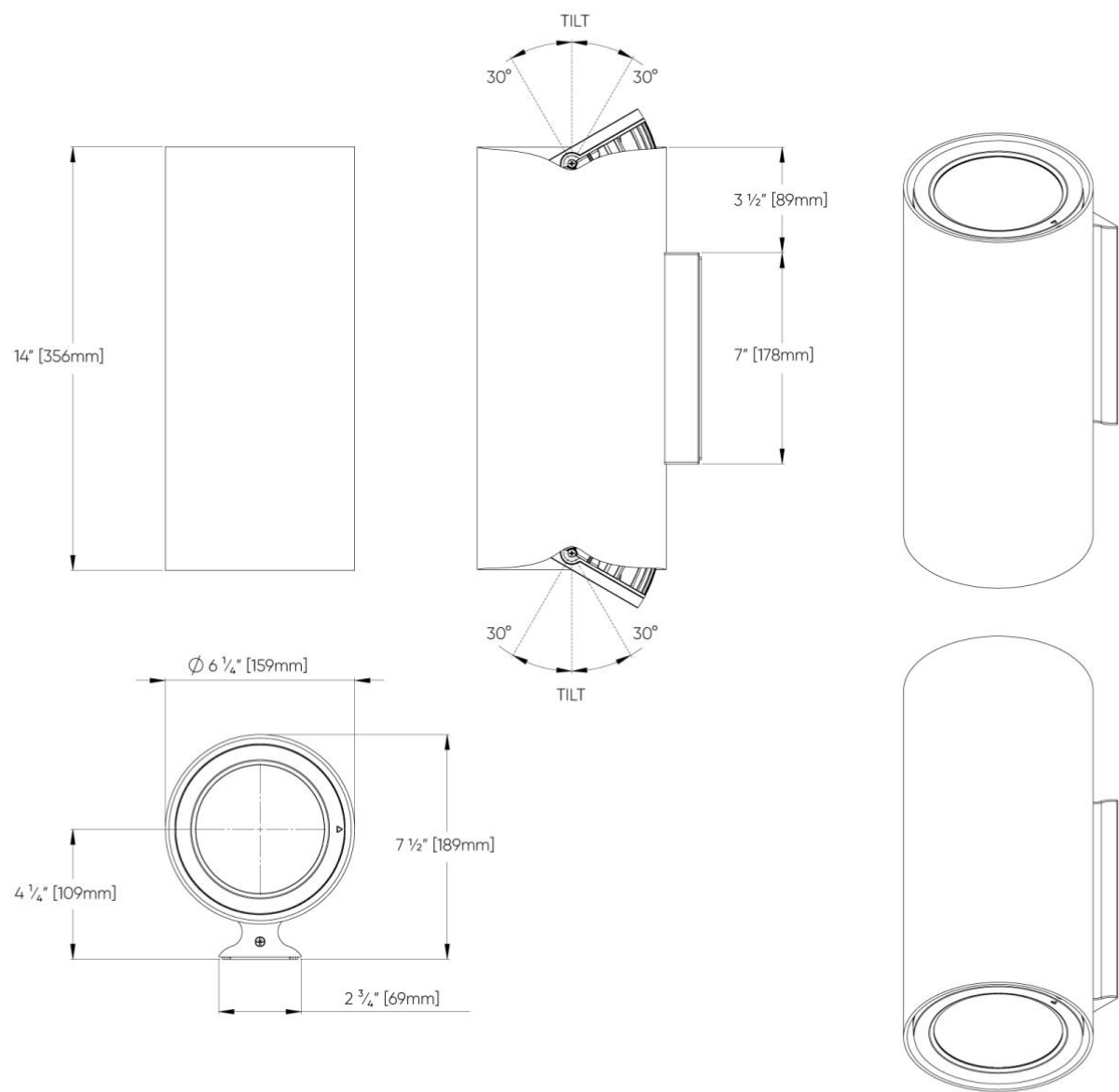
6"- Ceiling Surface Mount Direct Only



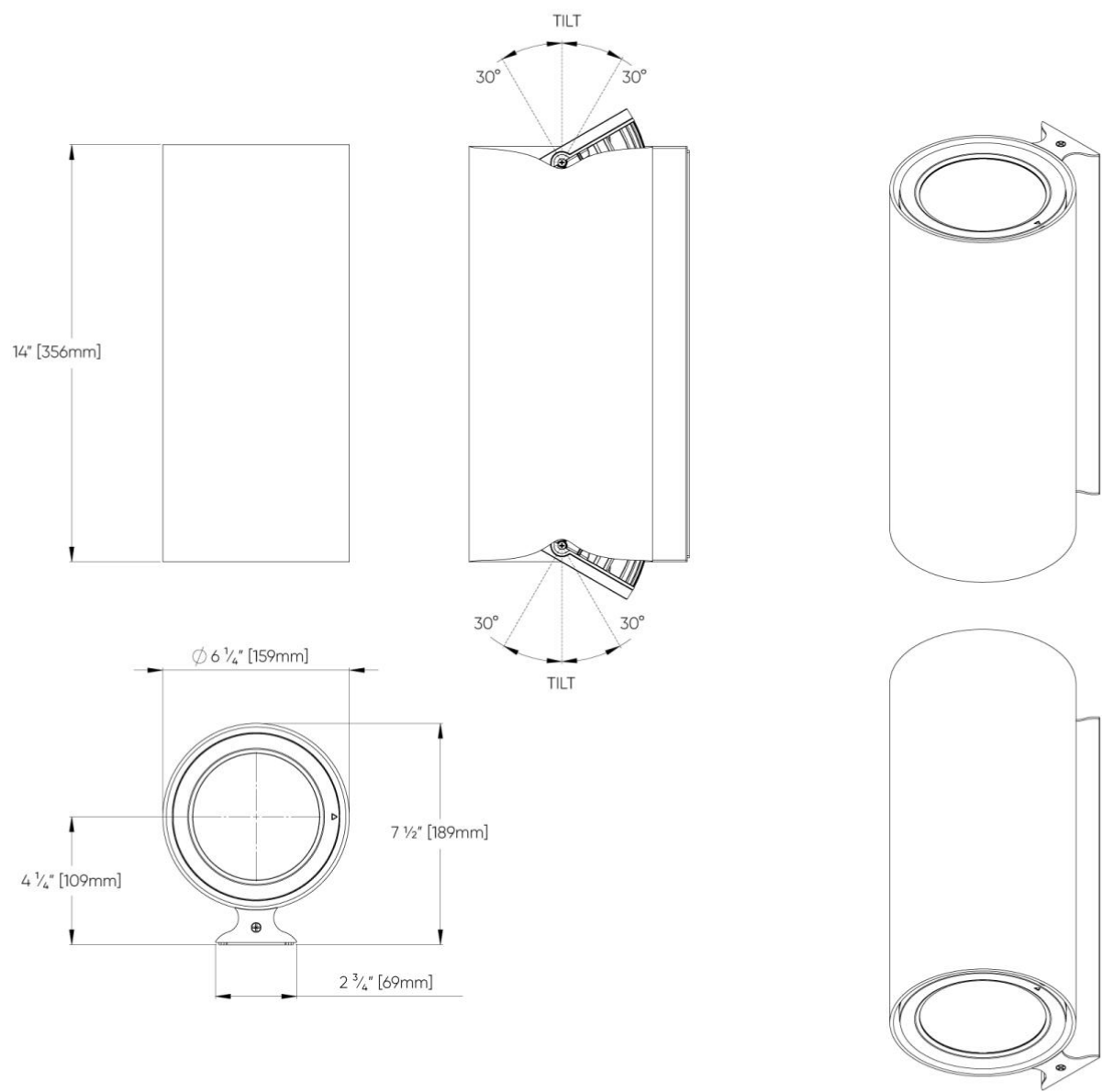
6"- Full Size Classic Wall Mount Direct-Indirect Only



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

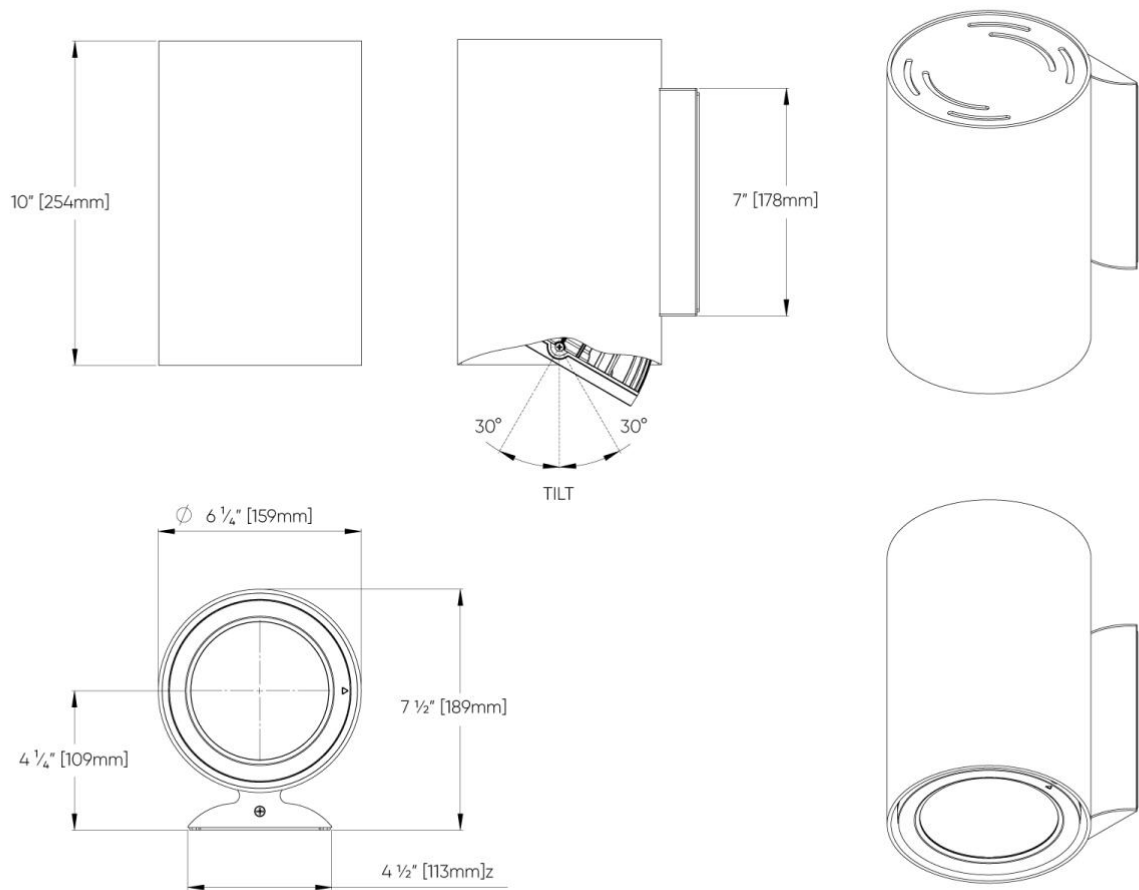


6" - Full Size Tall Narrow Wall Mount Direct-Indirect

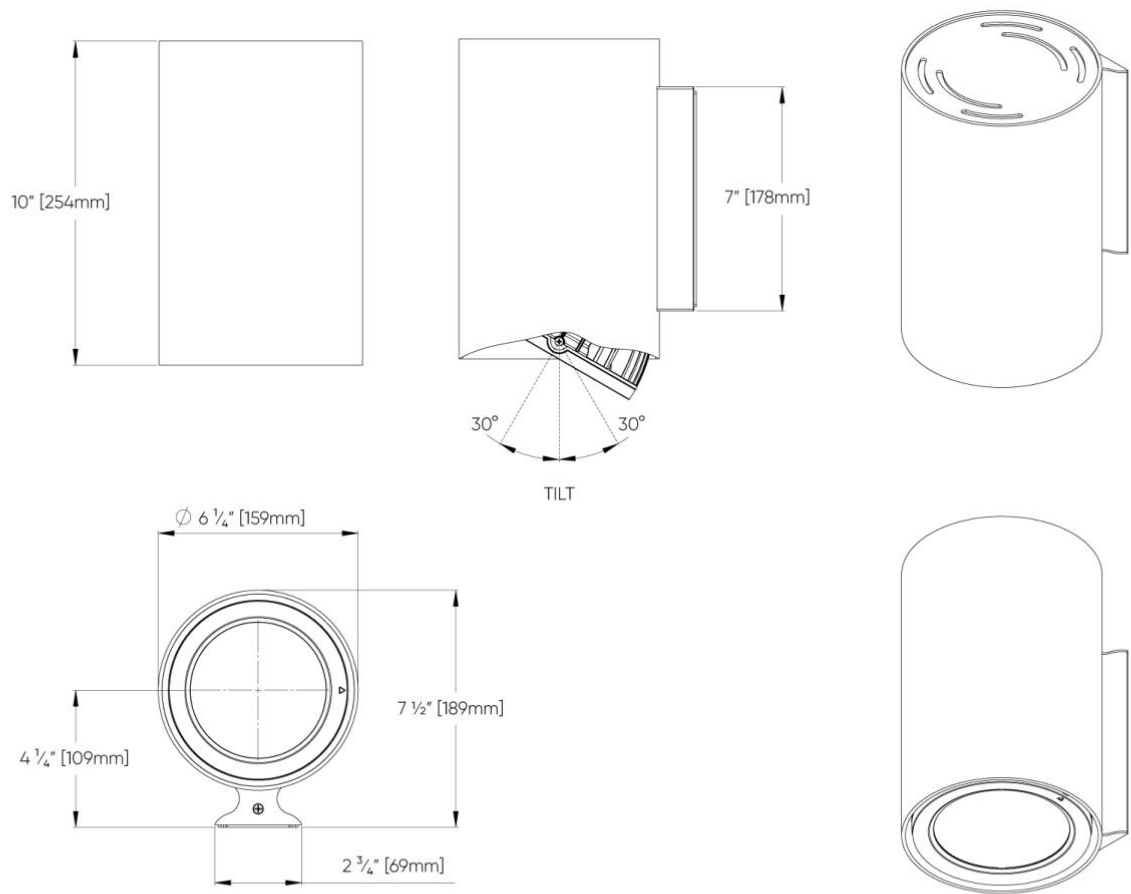


CYLINDER EX™

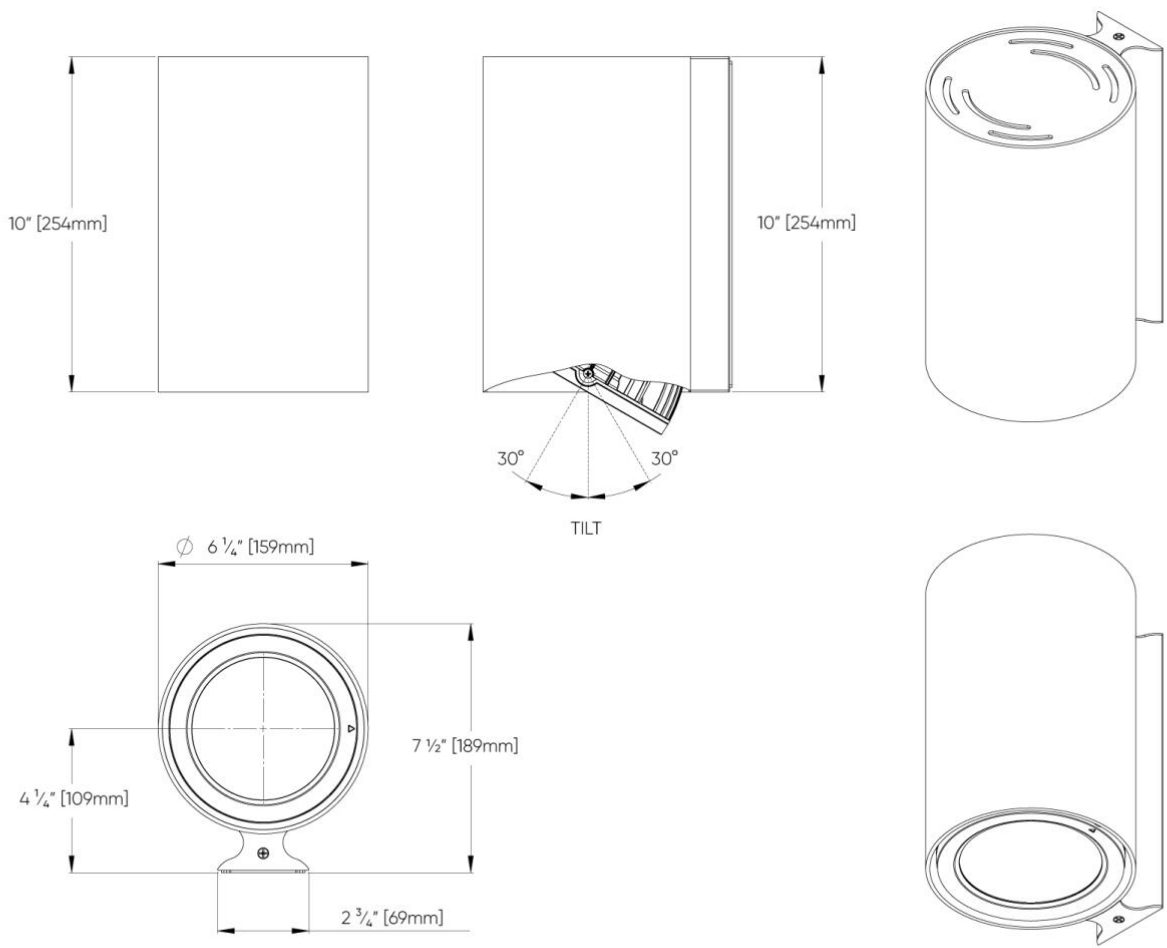
6" - Classic Wall Mount Direct or Indirect only



6"- Narrow Wall Mount Direct/Indirect Only



6" - Half Size Narrow full Wall Mount Direct Only



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

