

CYLINDER EX™ FULL SPECIFICATION SHEET

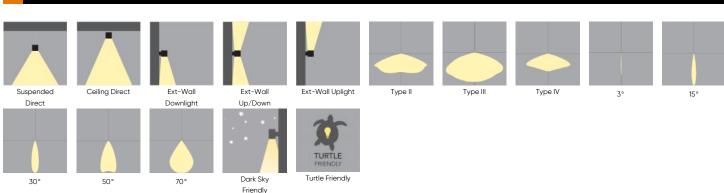


Fixture Type	Fixture Code	Quantities

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 +/- 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" 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.

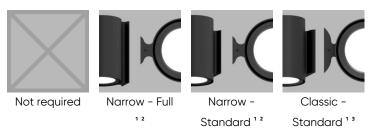
REPORTED L70 @25°C (77°F)

> 60,000 hrs



5 DESIGN OPTIONS

MOUNTING BRACKET



^{*} Mounting bracket finish to match fixture finish.

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.

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).



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.

2. DIAMETER

DR04 4" DR06 6"

3. DIRECTION

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

4. LIGHT SOURCE

 $\textbf{DN01}\, \mathsf{LEDs}\,/\,\, \mathsf{Multi-Array}\,\, \mathsf{Optics}^{\,\,\mathsf{1}}\,\,\, \textbf{DN02}\,\, \mathsf{COB}\,/\,\, \mathsf{Reflector}$

5. CRI

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

¹ Pendant is stem mount only.

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.

^{*} All data based on max output and nominal values.

¹ Available for 6" diameter only.



6. CCT

CTA62 Amber (Turtle Friendly) 1

7. DISTRIBUTION DIRECT

BAT3 Type III 1 **BA03** 3° 2 **BA15** 15° 3 4 5

BA30 30° 34 5 BA50 50° 34 BA70 70° 35

8. DISTRIBUTION INDIRECT

BB00 Not required **BB03** 3° 1 **BB15** 15° 23 4 **BB30** 30° 23 4

BB50 50° 2 3 BB70 70° 2 4

9. LUMENS DIRECT

LMA0005 59 lms 1 LMA0040 400 lms 2 LMA0200 2000 lms LMA0250 2500 lms

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

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.

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.

¹ Available for 3° Indirect distribution.



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LMB0000 Not required **LMB0005** 59 lms ¹ **LMB0200** 2000 lms **LMB0250** 2500 lms

LMB0300 3000 lms

11. VOLTAGE

V1 120/277V **V2** 240V ¹

12. DIMMING

DA01 0-10V Dimming 1.0% - Arctic DA12 0-10V Dimming 1.0% - DA21 DALI Dimming 1.0% -

driver¹³ Desert driver²³

13. MOUNTING BRACKET

MB0 Not required MB1 Narrow - Full 12 MB2 Narrow - Standard 12 MB3 Classic - Standard 13

14. CONDUIT MOUNT

CDM0 Not required CDM1 Required ¹

¹ Available for 3° Indirect distribution.

¹ Not available in North America.

 $^{^{1}}$ Capable of operating at -30 $^{\circ}\text{C}$ (-22 $^{\circ}\text{F})$ to ambient temperature.

 $^{^{\}rm 2}$ Capable of operating at +50 $^{\circ}{\rm C}$ (+122 $^{\circ}{\rm F})$ ambient temperature.

³ Consult factory.

^{*} 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).

¹ Consult factory.



15. SUSPENSION TYPE

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

16. SUSPENSION HEIGHT

SL00 Not required SL03 3ft ¹

17. FIXTURE FINISH

FA01 White 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 Textured Textured

18. BEZEL FINISH

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

FC47 Bronze Metallic - Textured

Textured

^{*} Custom lengths available; consult factory for details.

¹ Only available with Pendent Mount.

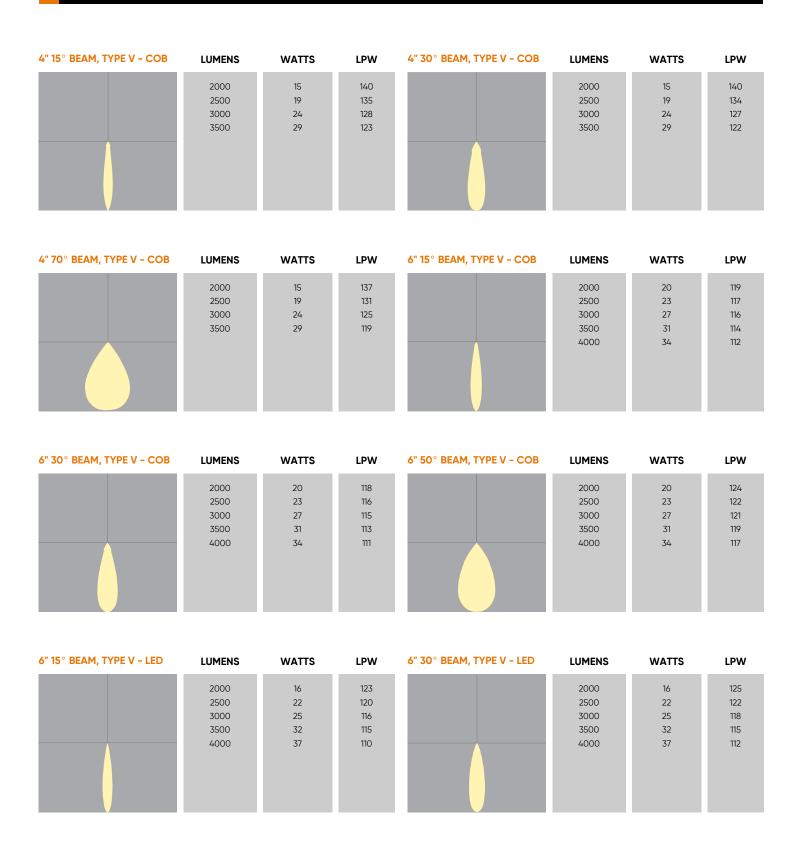
^{*} Stems will always be Black Metallic Textured finished.

¹ Custom length available, consult factory.

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



PERFORMANCE DATA





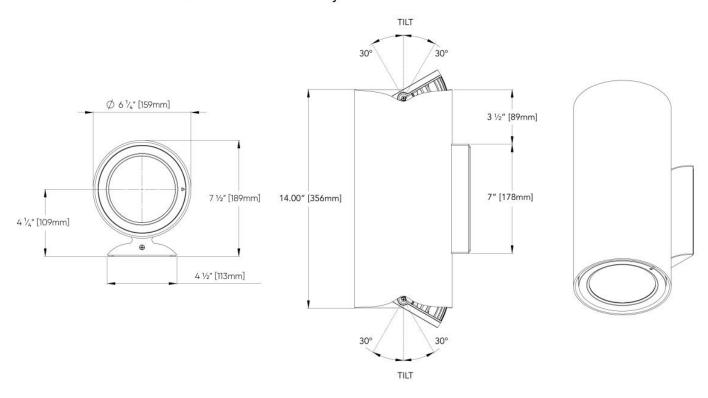
6" 50° BEAM, TYPE V - LED	LUMENS	WATTS	LPW	6" 70° BEAM, TYPE V - LED	LUMENS	WATTS	LPW
	2000 2500 3000 3500 4000	16 22 25 32 37	119 116 112 109 106		2000 2500 3000 3500 4000	16 22 25 32 37	119 117 113 109 107



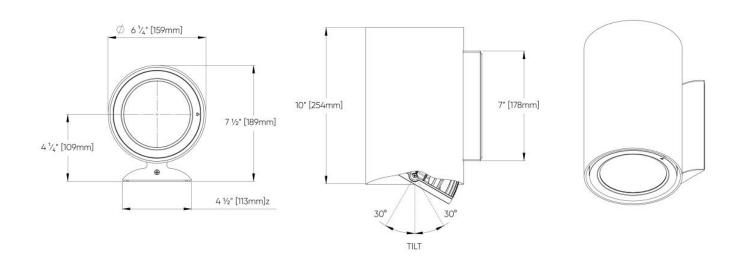
2000 19 105 2500 27 96 3000 34 90	6" TYPE IV BEAM	LUMENS	WATTS	LPW
		2500	27	96

8 DIMENSIONAL DIAGRAMS

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

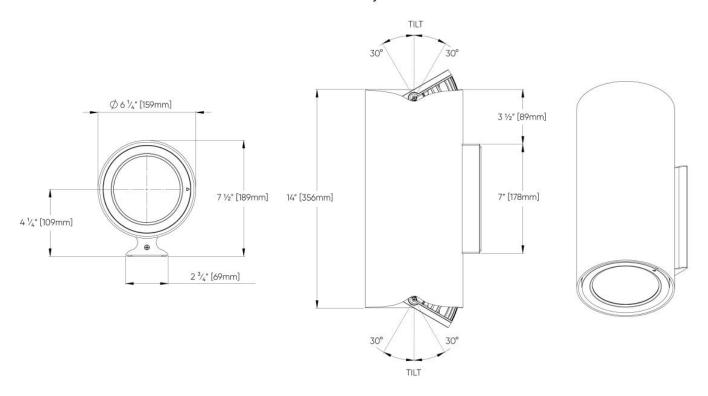


6" - Classic Wall Mount Direct or Indirect only

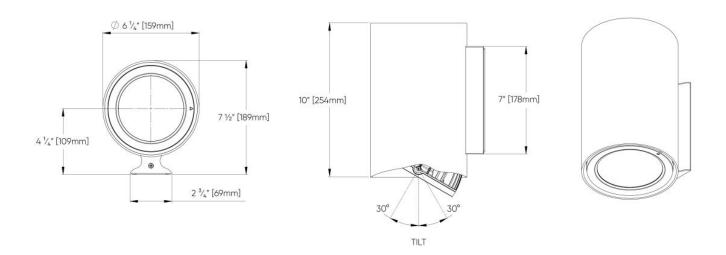




6" - Full Size Short Narrow Wall Mount Direct-Indirect Only

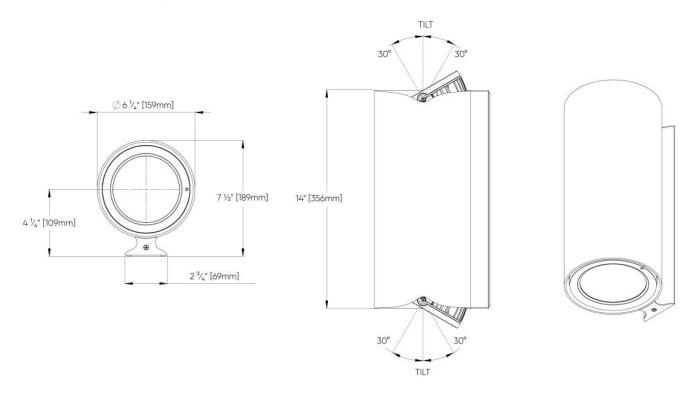


6"- Narrow Wall Mount Direct/Indirect Only

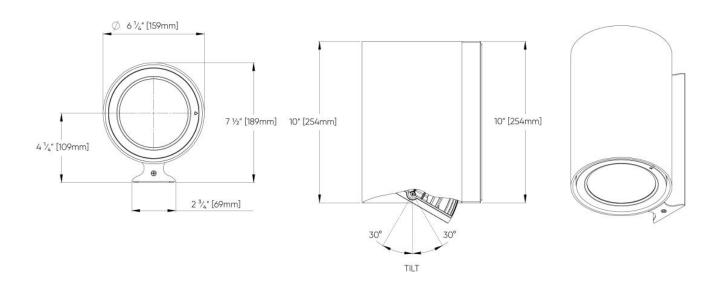




6" - Full Size Tall Narrow Wall Mount Direct-Indirect

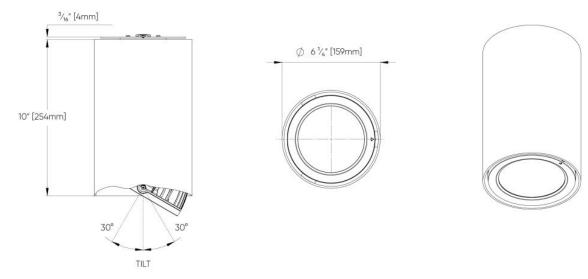


6"- Half Size Narrow full Wall Mount Direct Only

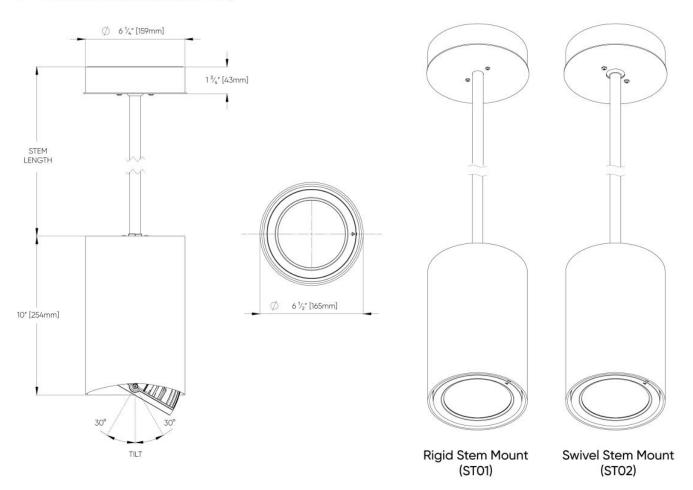




6" - Ceiling Surface Mount Direct Only

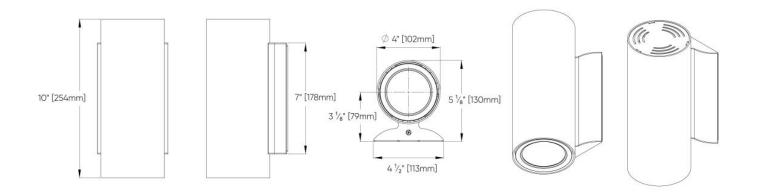


6" - Pendant Stem Mount Direct Only

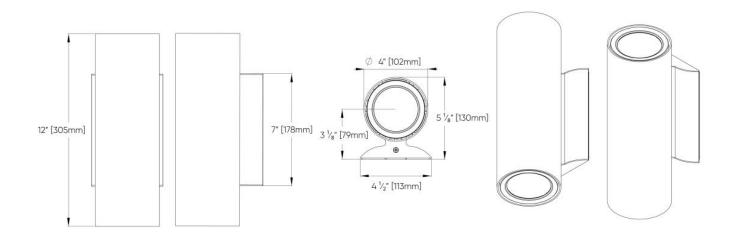




4" - Standard Classic Wall Mount Direct Only

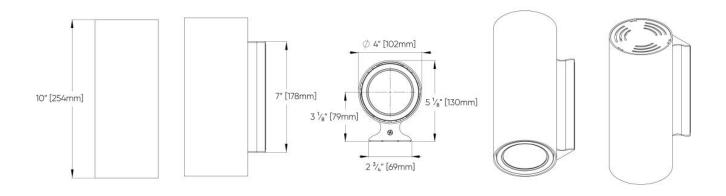


4" - Standard Classic Wall Mount Direct-Indirect Only

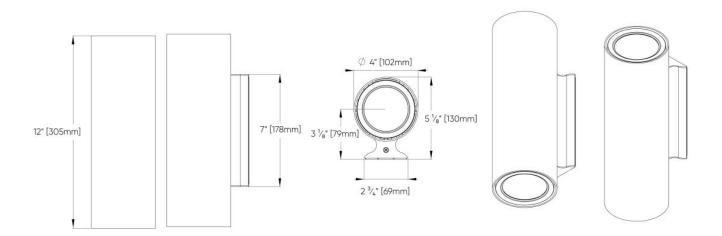




4" - Standard Narrow Wall Mount Direct Only

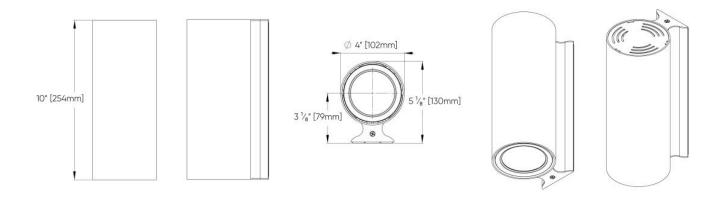


4" - Standard Narrow Wall Mount Direct-Indirect Only

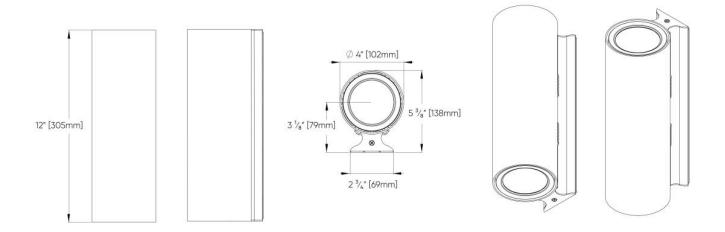




4" - Full Size Narrow Wall Mount Direct Only

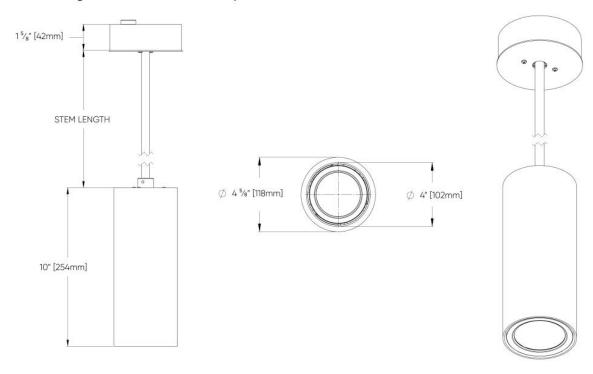


4" - Full Size Narrow Wall Mount Direct-Indirect Only

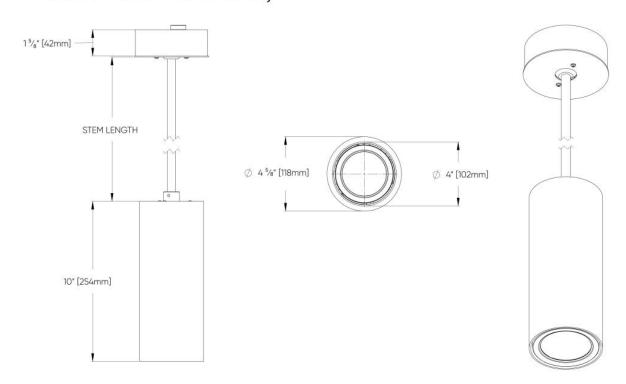




4" - Pendent Rigid Stem Mount Direct Only



4" - Pendent Swivel Stem Mount Direct Only





4" - Ceiling Mount Direct Only

