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


Suspended Direct


Surface Direct


Ext-Wall Downlight


Ext-Wall Up/Down


Ext-Wall Uplight


Type II


Type III


Type IV


3°


15°


30°


50°


70°


Dark Sky Friendly



Turtle Friendly

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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 (by others). The Wall Narrow versions mount to a 2"x4" switch box (by others). Conduit mount is optional for Wall and Ceiling versions; consult factory. A deep mounting box for conduit installations requires a field-supplied weatherproof junction box (by others) and the MB3 bracket. The pendant allows up to 42 degrees of sway 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

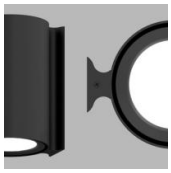
SUSTAINABILITY
Designed for on-site LED board, driver, and optic replacement. Contact the factory for maintenance documentation.

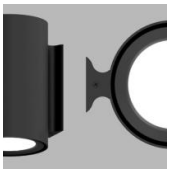
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5 DESIGN OPTIONS

MOUNTING BRACKET


Not required


Narrow - Full [1] [2]


Narrow - Standard [1] [2]


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).

FIXTURE FINISH

White - Textured


Black Metallic - Textured


Silver Metallic - Textured


Wood grain - Light Cherry [1]


Wood grain - Dark Walnut [1]


Wood grain - White Oak [1]


Charcoal Metallic - Textured


Bronze Metallic - Textured

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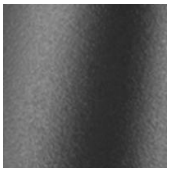
[1] Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

BEZEL FINISH

White - Textured


Black Metallic - Textured


Silver Metallic - Textured


Charcoal Metallic - Textured


Bronze Metallic - Textured

Shatterproof lens available, consult factory.

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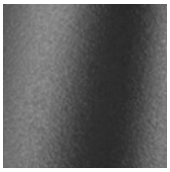
CANOPY & STEM FINISH


Not required

White - Textured


Black Metallic - Textured


Silver Metallic - Textured


Charcoal Metallic - Textured


Bronze Metallic - Textured

6 HOW TO ORDER

LUMINAIRE

CYXW Wall
CYXC Surface
CYXP Pendant [1]

Conduit mount is an option for wall and ceiling versions, consult factory.
[1] Pendant is stem mount only.

DIAMETER

DR04 4"
DR06 6"

Tiltable head available on 6" diameter only.

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.

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.

CRI

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

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.

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.

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.

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.

LUMENS INDIRECT

LMB0000 Not required
LMB0005 59 lms [1]
LMB0200 2000 lms
LMB0250 2500 lms
LMB0300 3000 lms

[1] Available for 3° Indirect distribution.

VOLTAGE

V1 120/277V
V2 240V [1]

[1] Not available in North America.

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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.

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).

CONDUIT MOUNT

CDM0 Not required

CDM1 Required [1]

[1] Deep mounting box for use with conduit installations. Requires field-supplied weatherproof junction box (by others). Only available with MB3 mounting bracket.

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 Pendent Mount.

SUSPENSION HEIGHT

SL00 Not required

SL03 3ft [1]

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

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.

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.

CANOPY & STEM FINISH

FC00 Not required

FC01 White - Textured

FC02 Black Metallic - Textured

FC20 Silver Metallic - Textured

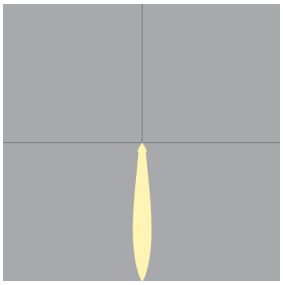
FC46 Charcoal Metallic - Textured

FC47 Bronze Metallic - Textured

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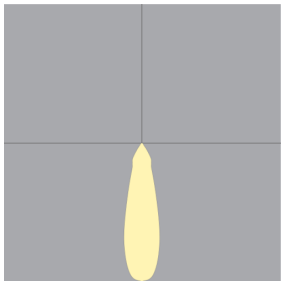
7 PERFORMANCE DATA

4" 15° BEAM, TYPE V - COB



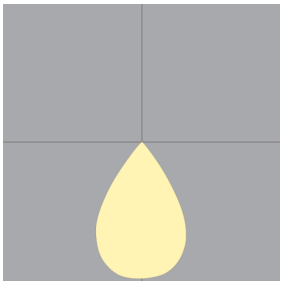
LUMENS	WATTS	LPW
2000	15	140
2500	19	135
3000	24	128
3500	29	123

4" 30° BEAM, TYPE V - COB



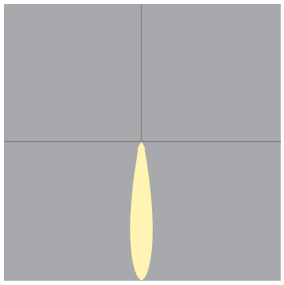
LUMENS	WATTS	LPW
2000	15	140
2500	19	134
3000	24	127
3500	29	122

4" 70° BEAM, TYPE V - COB



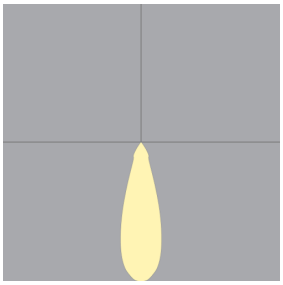
LUMENS	WATTS	LPW
2000	15	137
2500	19	131
3000	24	125
3500	29	119

6" 15° BEAM, TYPE V - COB



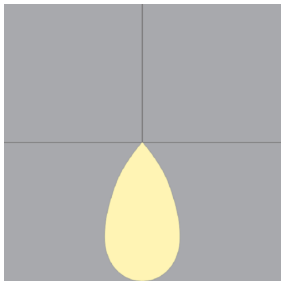
LUMENS	WATTS	LPW
2000	20	119
2500	23	117
3000	27	116
3500	31	114
4000	34	112

6" 30° BEAM, TYPE V - COB



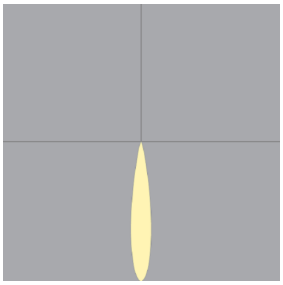
LUMENS	WATTS	LPW
2000	20	118
2500	23	116
3000	27	115
3500	31	113
4000	34	111

6" 50° BEAM, TYPE V - COB



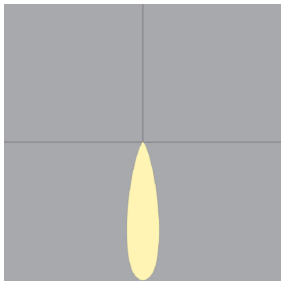
LUMENS	WATTS	LPW
2000	20	124
2500	23	122
3000	27	121
3500	31	119
4000	34	117

6" 15° BEAM, TYPE V - LED



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

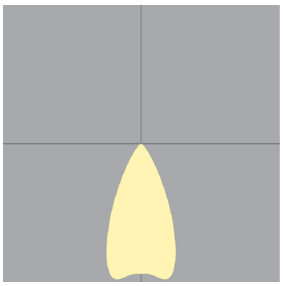
6" 30° BEAM, TYPE V - LED



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

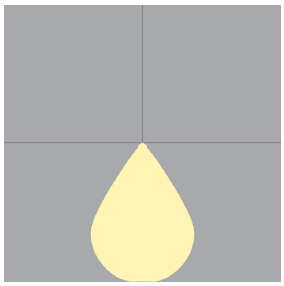
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6" 50° BEAM, TYPE V - LED



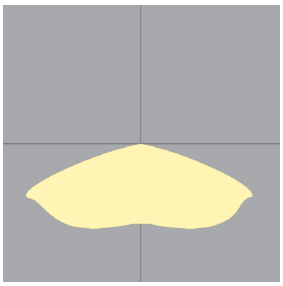
LUMENS	WATTS	LPW
2000	16	119
2500	22	116
3000	25	112
3500	32	109
4000	37	106

6" 70° BEAM, TYPE V - LED



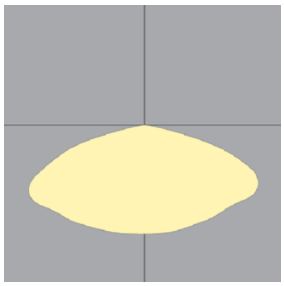
LUMENS	WATTS	LPW
2000	16	119
2500	22	117
3000	25	113
3500	32	109
4000	37	107

6" TYPE II BEAM



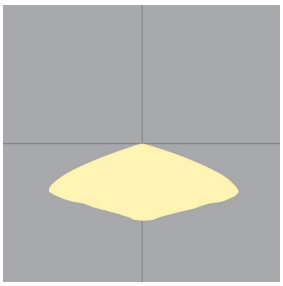
LUMENS	WATTS	LPW
2000	19	112
2500	27	103
3000	34	97

6" TYPE III BEAM



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

6" TYPE IV BEAM

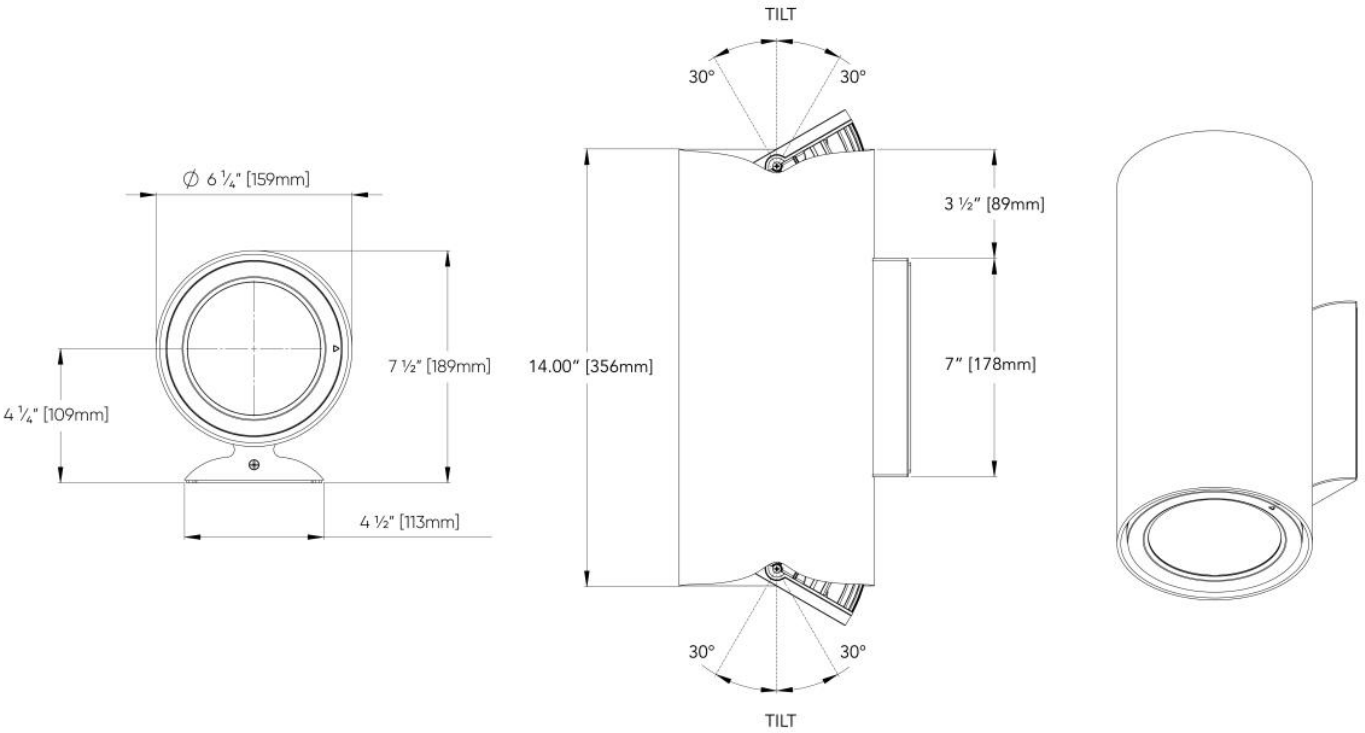


LUMENS	WATTS	LPW
2000	19	105
2500	27	96
3000	34	90

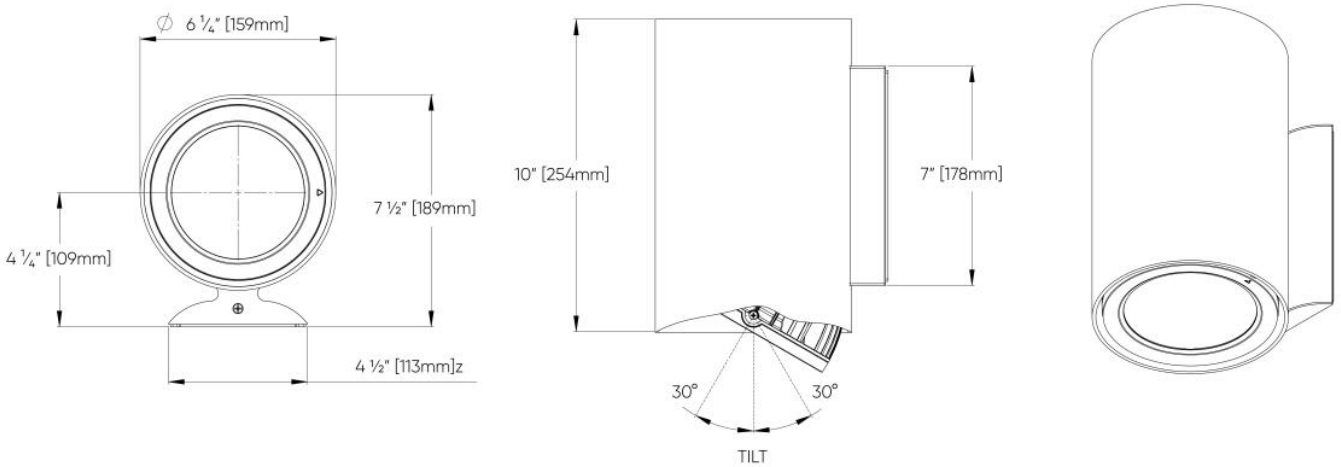
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8 DIMENSIONAL DIAGRAMS

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

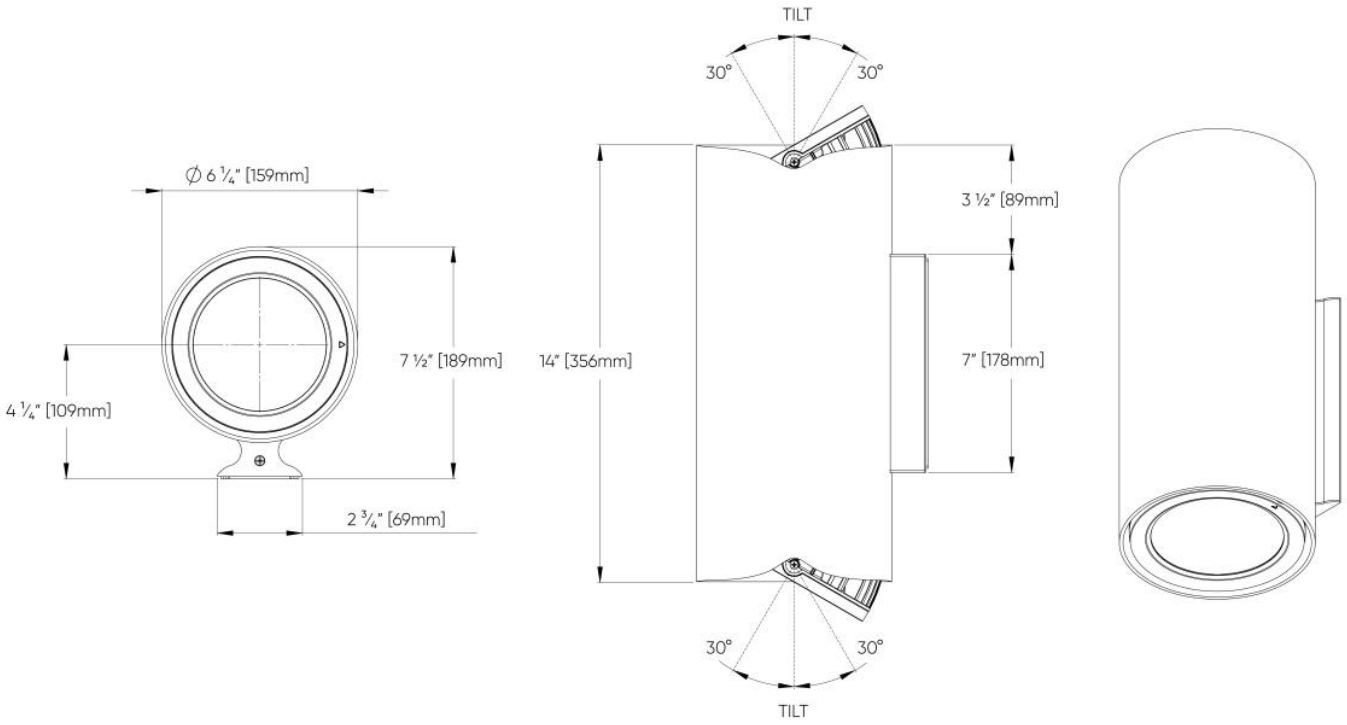


6" - Classic Wall Mount Direct or Indirect only

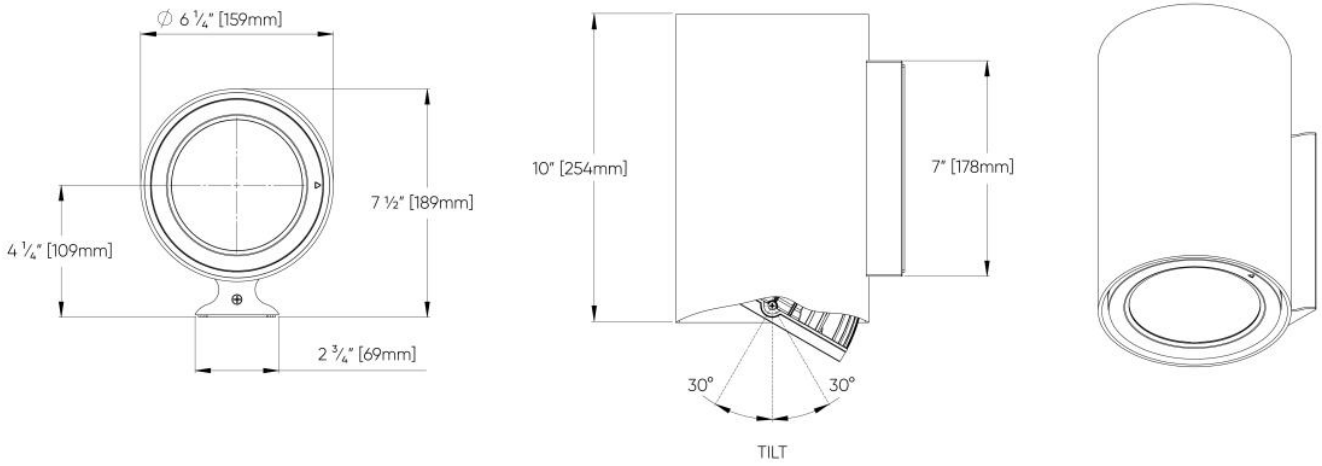


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6"- Full Size Short Narrow Wall Mount Direct-Indirect Only

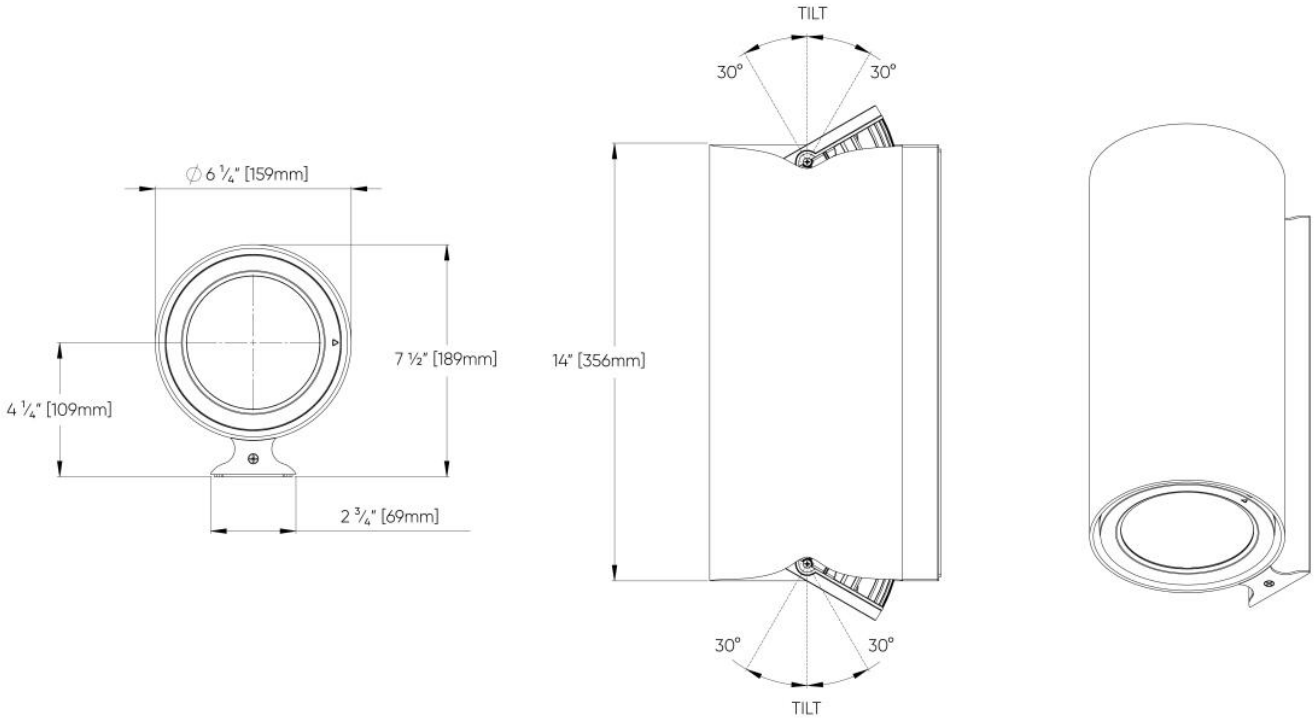


6"- Narrow Wall Mount Direct/Indirect Only

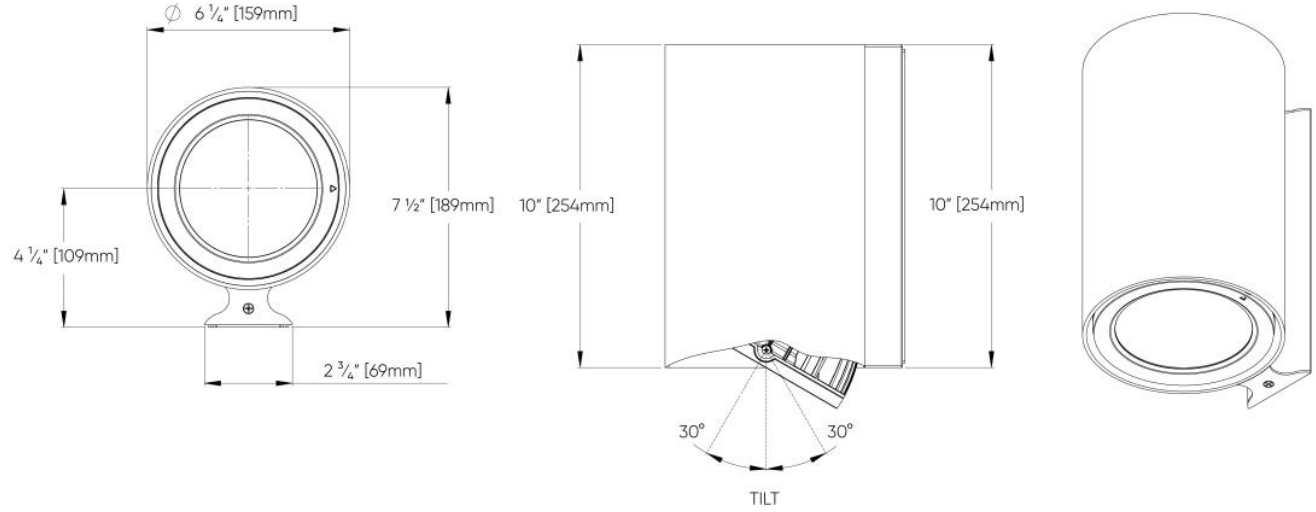


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6"- Full Size Tall Narrow Wall Mount Direct-Indirect

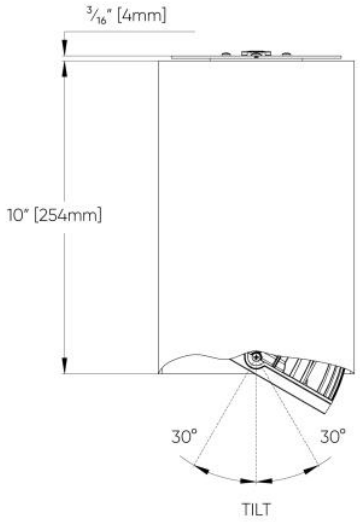


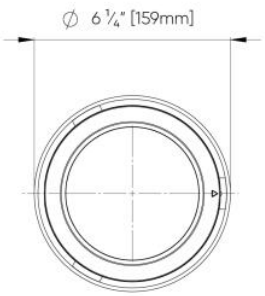
6"- Half Size Narrow full Wall Mount Direct Only



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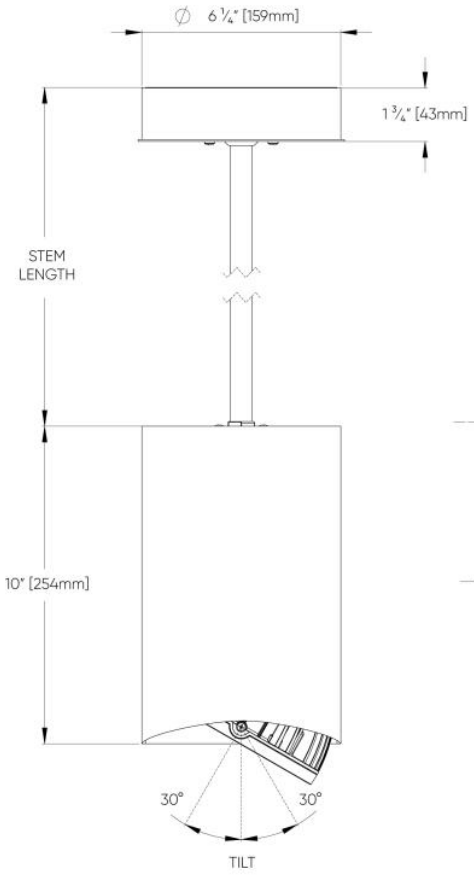
6"- Ceiling Surface Mount Direct Only

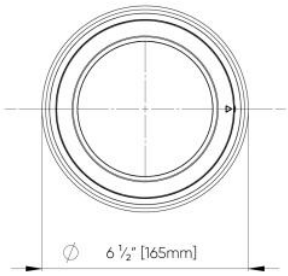


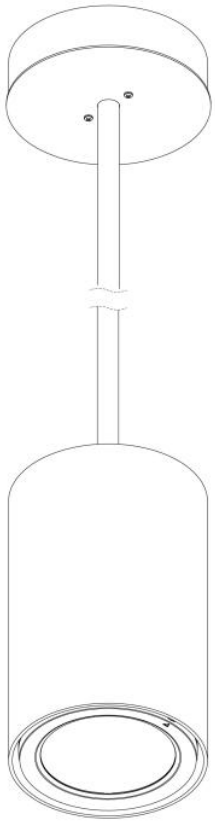




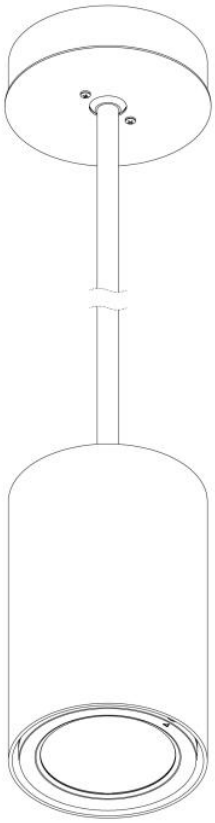
6" - Pendant Stem Mount Direct Only







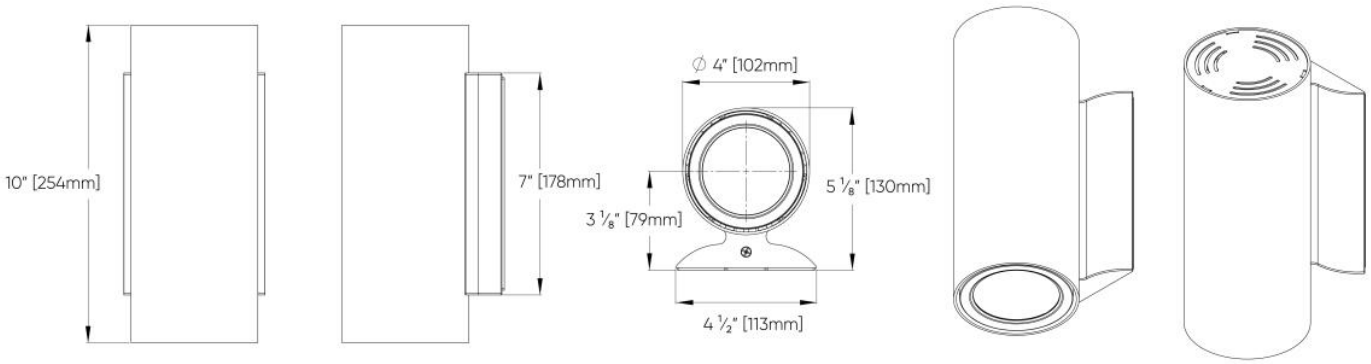
Rigid Stem Mount
(ST01)



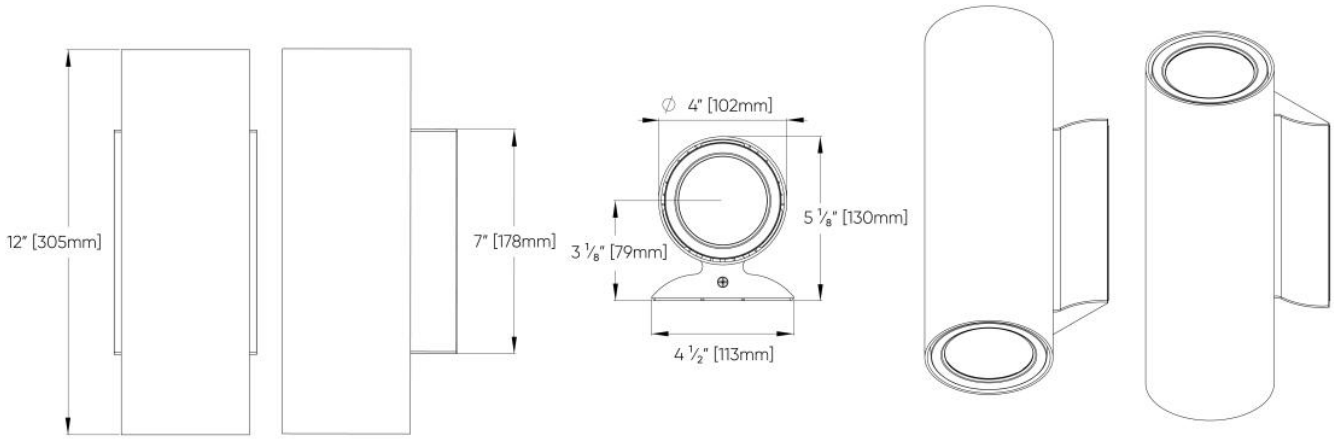
Swivel Stem Mount
(ST02)

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4"- Standard Classic Wall Mount Direct Only

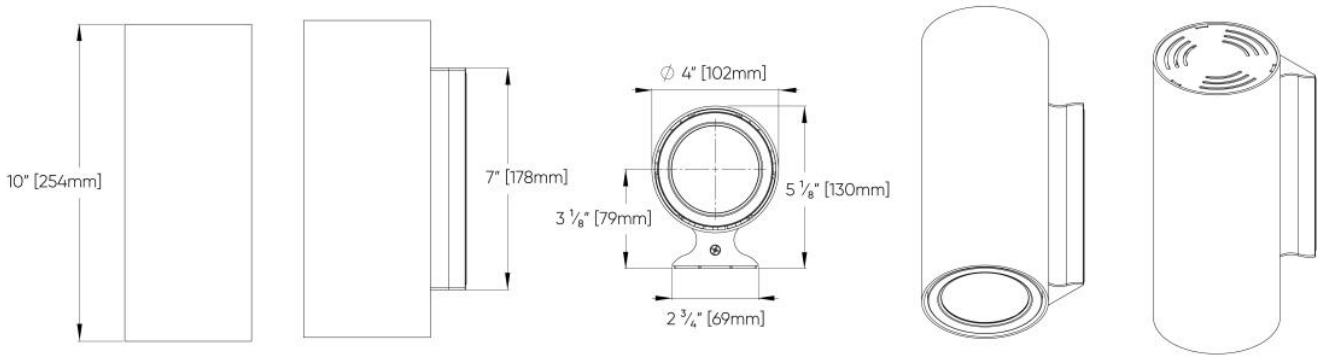


4"- Standard Classic Wall Mount Direct-Indirect Only

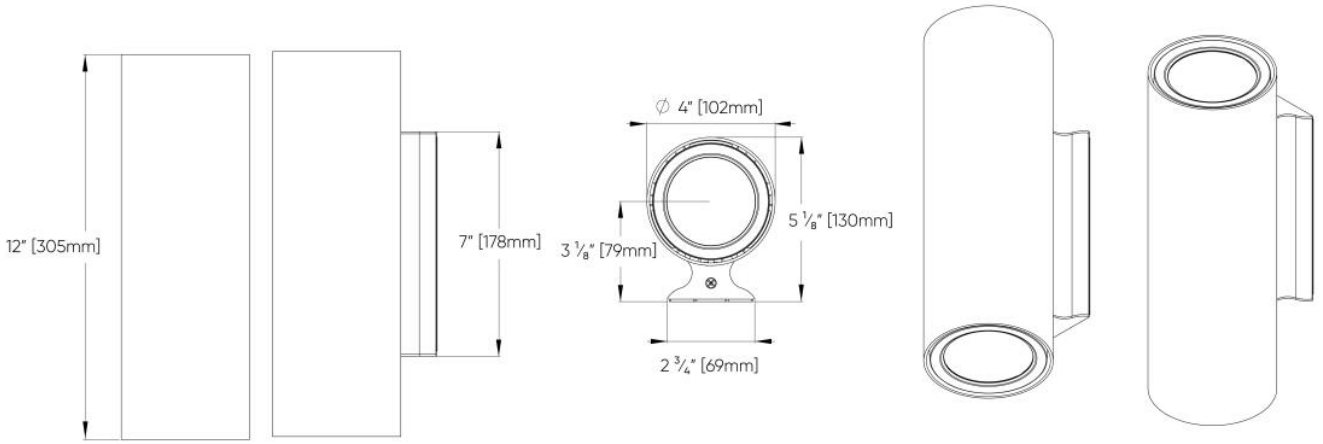


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4"- Standard Narrow Wall Mount Direct Only

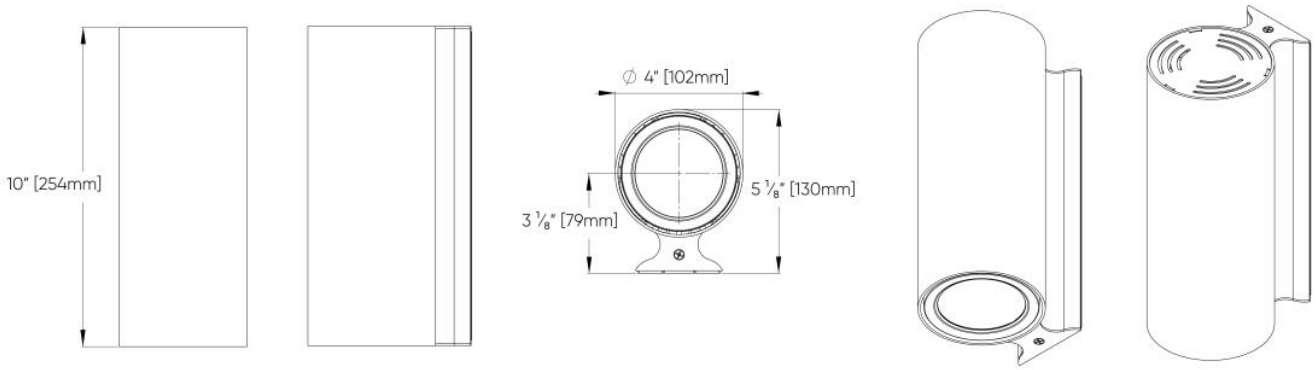


4"- Standard Narrow Wall Mount Direct-Indirect Only

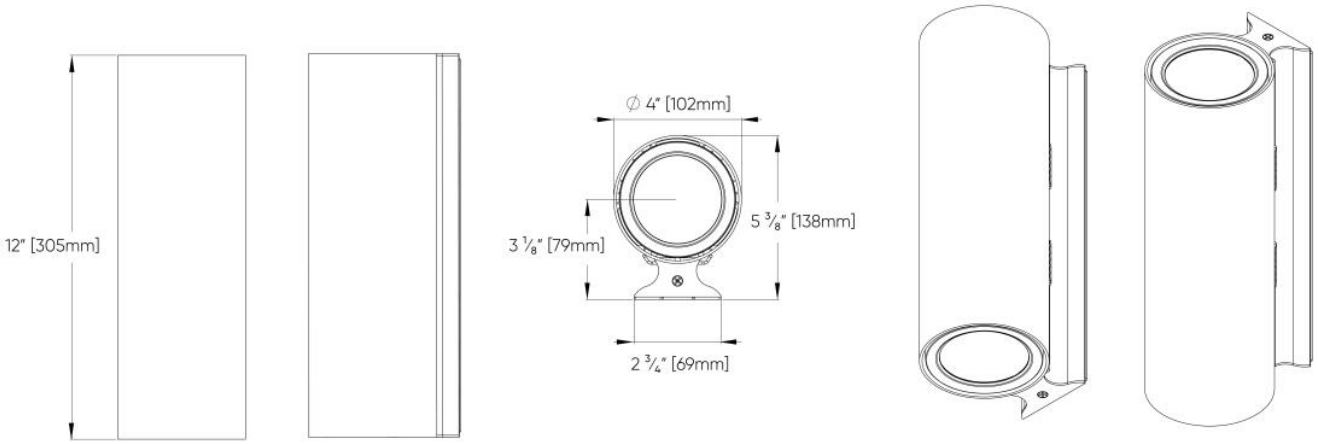


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4"- Full Size Narrow Wall Mount Direct Only

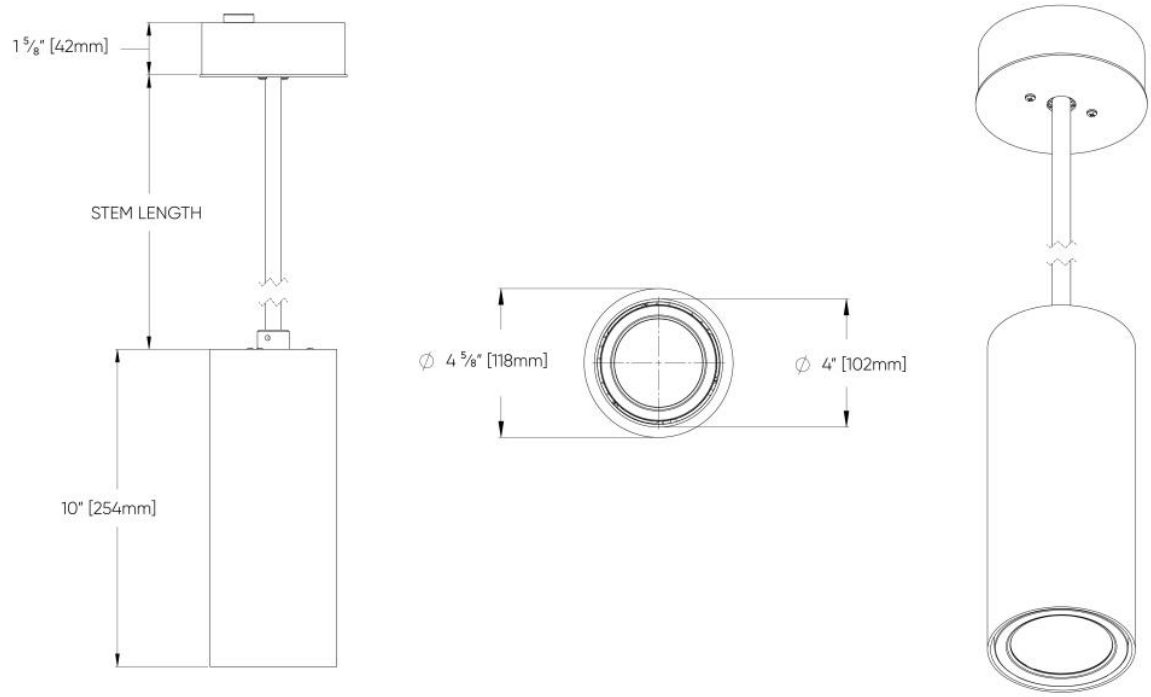


4"- Full Size Narrow Wall Mount Direct-Indirect Only

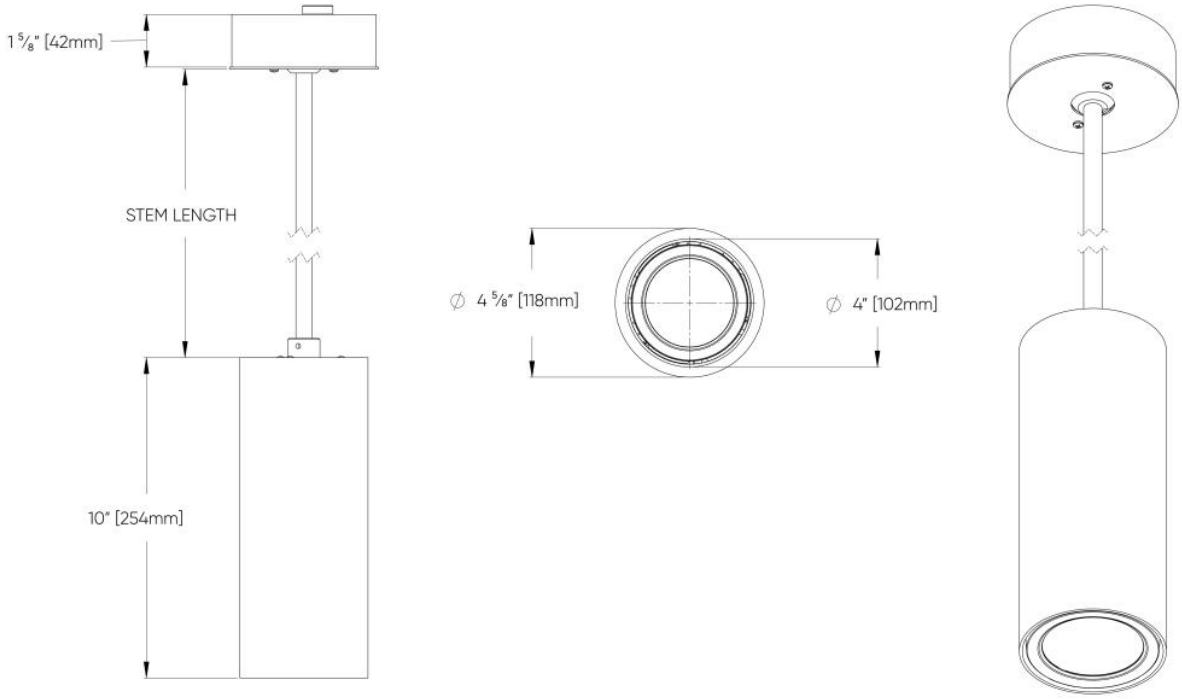


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4"- Pendent Rigid Stem Mount Direct Only

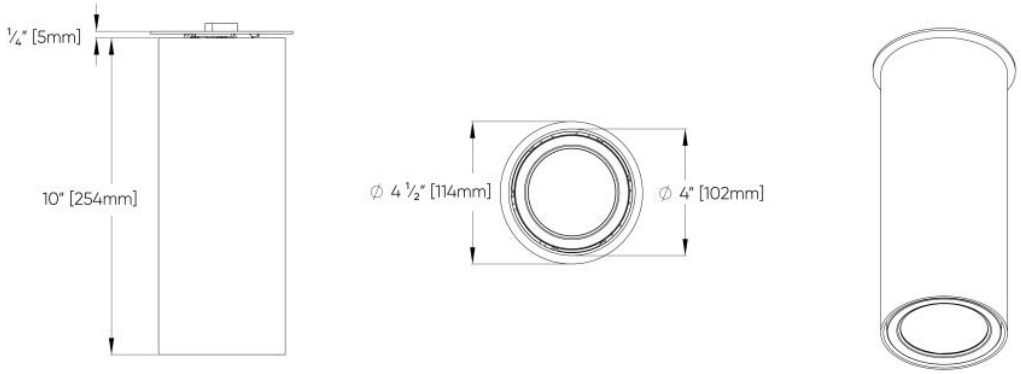


4"- Pendent Swivel Stem Mount Direct Only



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4"- Ceiling Mount Direct Only



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