

Project Name:

Fixture Type:

Fixture Code:

Quantities:



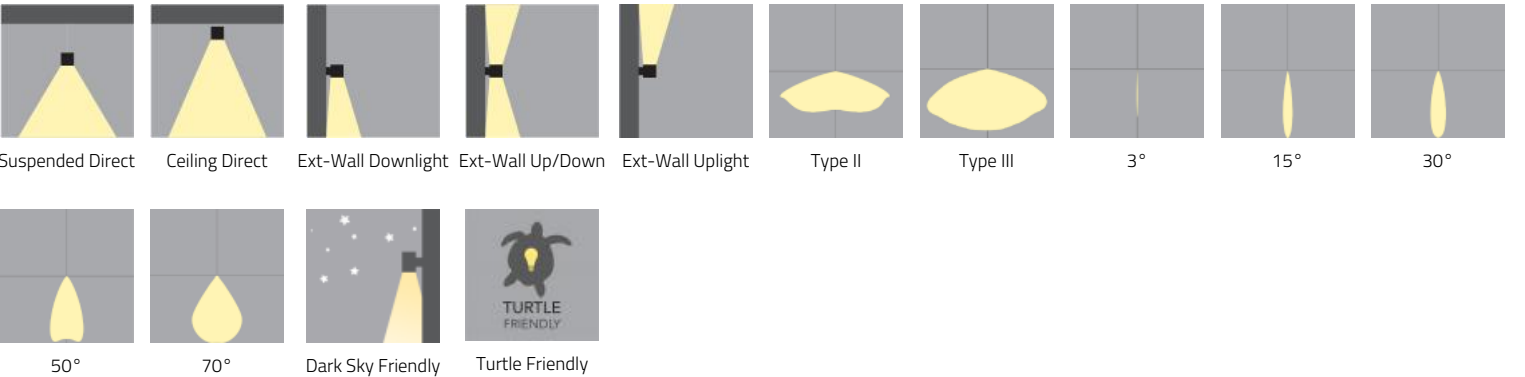
# CYLINDER EX™

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 180-degree tilting range that locks at 10-degree 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

<b>Housing</b> Die-cast and extruded aluminum.	<b>External Screws</b> Stainless steel.
<b>Lens</b> Clear glass.	<b>Finish</b> Powder coated.
<b>Drivers</b> HPF, electronic for 120-277V (EU-240V).	<b>Minimum Starting Temperature</b> -30°C.
<b>Dark Sky Friendly</b> Dark Sky Friendly if ordered with 3000K CCT and below. Direct only.	<b>Turtle Friendly</b> Amber (590nm) for Turtle Friendly compliance.
<b>BUG Rating (Direct Light):</b> Type II, III, IV: B1-U0-G1 Type V: B3-U0-G0	<b>Mounting</b> 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.
<b>Hardware</b> Vandal proof hardware included.	<b>Lens</b> Shatterproof lens available, consult factory.
<b>Delivered Lumens</b> Delivered lumens & LPW based on 4000K (min 80 CRI).	<b>REPORTED L70 @25°C (77°F)</b> > 60,000 hrs

## MOUNTING & OPTICS



# CYLINDER EX™

## HOW TO ORDER

### A. LUMINAIRE

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

<sup>1</sup> Pendant is stem mount only.

### B. DIAMETER

DR06 6"

### C. DIRECTION

DT1 Direct <sup>1 2</sup>	DT2 Direct/Indirect <sup>3</sup>
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<sup>1</sup> Available for wall, ceiling, and pendant.

<sup>2</sup> Wall mount direct only can be installed as indirect only.

<sup>3</sup> Available for wall mount only.

### 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 <sup>1</sup>	CTA30 3000K	CTA35 3500K	CTA40 4000K
CTA62 Amber (Turtle Friendly) <sup>2</sup>			

<sup>1</sup> Longer than normal lead times may apply, consult factory.

<sup>2</sup> Available for LED Direct only.

### G. DISTRIBUTION DIRECT

BAT2 Type II <sup>1</sup>	BAT3 Type III <sup>1</sup>	BA03 3° <sup>2</sup>	BA15 15° <sup>3</sup>
BA30 30° <sup>3</sup>	BA50 50° <sup>4</sup>	BA70 70° <sup>3</sup>	

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

<sup>2</sup> Available for LEDs / Multi-Array Optics distribution and Wall mount. There may be a +/- 250K variance in color temperature. The head is not adjustable.

<sup>3</sup> Available for LEDs / Multi-Array Optics distribution.

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

### H. DISTRIBUTION INDIRECT

BB00 Not required	BB03 3° <sup>1</sup>	BB15 15° <sup>2</sup>	BB30 30° <sup>2</sup>
BB50 50° <sup>3</sup>	BB70 70° <sup>2</sup>		

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

<sup>2</sup> Available for LEDs / Multi-Array Optics distribution.

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

# CYLINDER EX™

## I. LUMENS DIRECT

<b>LMA0005</b> 59 lms <sup>1</sup>	<b>LMA0040</b> 400 lms <sup>2</sup>	<b>LMA0200</b> 2000 lms	<b>LMA0300</b> 3000 lms
<b>LMA0400</b> 4000 lms <sup>3</sup>			

<sup>1</sup> Available for 3° Direct distribution.  
<sup>2</sup> Available for Amber (Turtle Friendly) light.  
<sup>3</sup> Available for Direct only, 15°, 30°, 50°, and 70°.

## J. LUMENS INDIRECT

<b>LMB0000</b> Not required	<b>LMB0005</b> 59 lms <sup>1</sup>	<b>LMB0200</b> 2000 lms	<b>LMB0300</b> 3000 lms
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<sup>1</sup> Available for 3° Indirect distribution.

## K. VOLTAGE

<b>V1</b> 120/277V	<b>V2</b> 240V <sup>1</sup>
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<sup>1</sup> Not available in North America

## L. DIMMING

<b>DA01</b> 0-10V Dimming 1.0%	<b>DA11</b> 0-10V Dimming 1.0% - Arctic <sup>1 3</sup>	<b>DA12</b> 0-10V Dimming 1.0% - Desert <sup>2 3</sup>	<b>DA21</b> DALI Dimming 1.0% <sup>3</sup>
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<sup>1</sup> Capable of operating at -30°C (-22°F) to ambient temperature  
<sup>2</sup> Capable of operating at +50°C (+122°F) ambient temperature  
<sup>3</sup> Consult factory

## M. MOUNTING BRACKET

<b>MB0</b> Not required	<b>MB1</b> Narrow - Full <sup>1 2</sup>	<b>MB2</b> Narrow - Standard <sup>2</sup>	<b>MB3</b> Classic - Standard <sup>3</sup>
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\* Mounting bracket finish to match fixture finish.  
<sup>1</sup> Only available with Direct/Indirect  
<sup>2</sup> The Wall Narrow versions mount to a 2"x4" switch box (supplied by others).  
<sup>3</sup> The Wall Classic version mount to a 4"x4" junction box (supplied by others).

## N. SUSPENSION (STEM MOUNT)

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

## O. FIXTURE FINISH

<b>FA01</b> White	<b>FA02</b> Black Metallic - Textured	<b>FA20</b> Silver Metallic - Textured	<b>FA27</b> Wood grain - Light Cherry <sup>1</sup>
<b>FA28</b> Wood grain - Dark Walnut <sup>1</sup>	<b>FA46</b> Charcoal Metallic - Textured	<b>FA47</b> Bronze Metallic - Textured	

<sup>1</sup> Longer than normal lead times may apply consult factory.

## P. BEZEL FINISH

<b>FB01</b> White	<b>FB02</b> Black Metallic - Textured	<b>FB20</b> Silver Metallic - Textured	<b>FB46</b> Charcoal Metallic - Textured
<b>FB47</b> Bronze Metallic - Textured			

Shatterproof lens available, consult factory.

# CYLINDER EX™

## TECHNICAL DATA

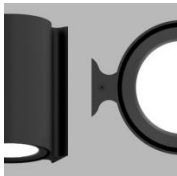
### LIGHT SOURCE

All data based on max output and nominal values.

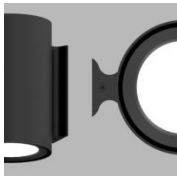
Code	DN01	DN02
Light Source	LED	COB
Max Wattage	37	34
Max Delivered lms	4000	4000
Max LPW	125	124

### MOUNTING BRACKET

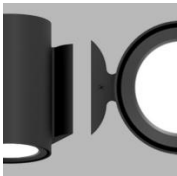
Not required



Narrow - Full <sup>1 2</sup>



Narrow - Standard <sup>2</sup>



Classic - Standard <sup>3</sup>

\* Mounting bracket finish to match fixture finish.

<sup>1</sup> Only available with Direct/Indirect

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

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

### FIXTURE FINISH



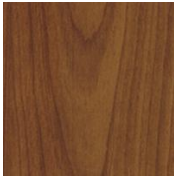
White



Black Metallic -  
Textured



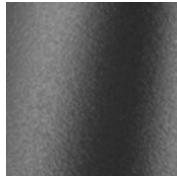
Silver Metallic -  
Textured



Wood grain - Light  
Cherry <sup>1</sup>



Wood grain - Dark  
Walnut <sup>1</sup>



Charcoal Metallic -  
Textured



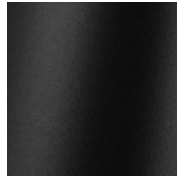
Bronze Metallic -  
Textured

<sup>1</sup> Longer than normal lead times may apply consult factory.

### BEZEL FINISH



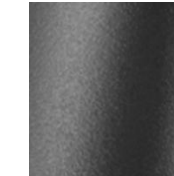
White



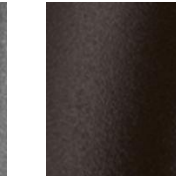
Black Metallic -  
Textured



Silver Metallic -  
Textured



Charcoal Metallic -  
Textured



Bronze Metallic -  
Textured

Shatterproof lens available, consult factory.

CYLINDER EX™

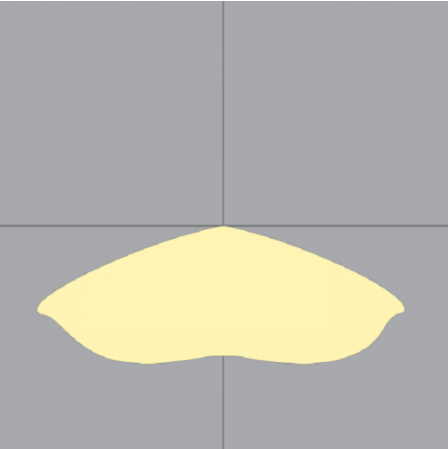
APPROVALS



CYLINDER EX™

PERFORMANCE DATA

TYPE II BEAM

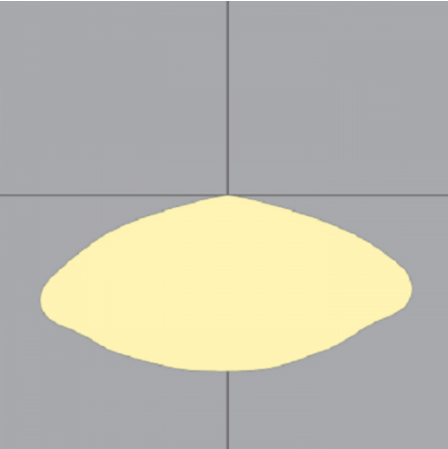


WATTS
19
34

LUMENS
2000
3000

LPW
112
97

TYPE III BEAM

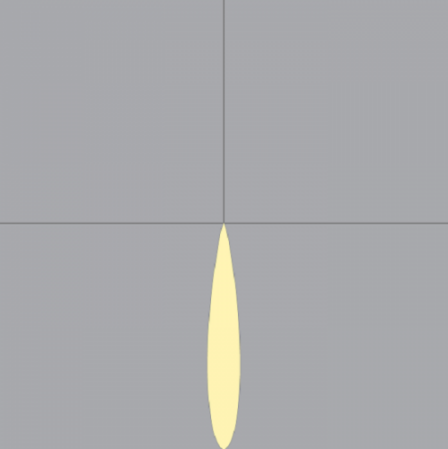


WATTS
19
34

LUMENS
2000
3000

LPW
109
94

15° BEAM, TYPE V - LED



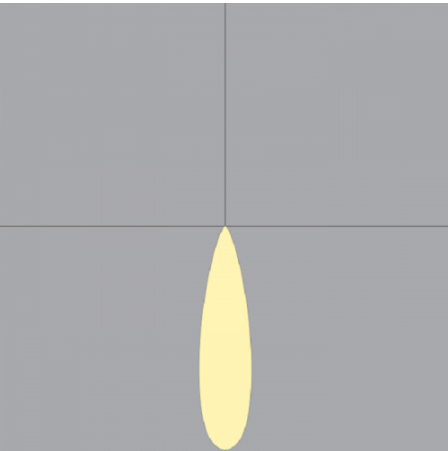
WATTS
16
25
37

LUMENS
2000
3000
4000

LPW
123
116
110

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30° BEAM, TYPE V - LED

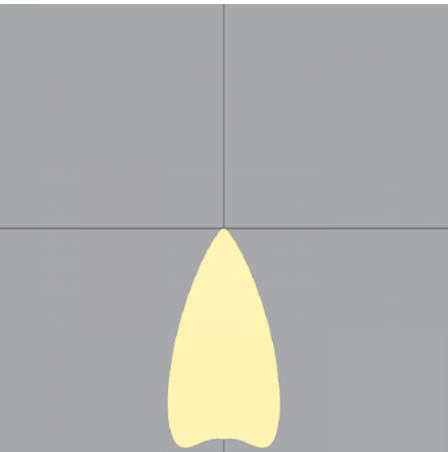


WATTS
16
25
37

LUMENS
2000
3000
4000

LPW
125
118
112

50° BEAM, TYPE V - LED

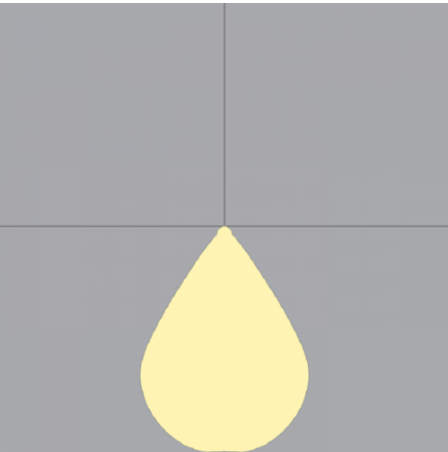


WATTS
16
25
37

LUMENS
2000
3000
4000

LPW
119
112
106

70° BEAM, TYPE V - LED



WATTS
16
25
37

LUMENS
2000
3000
4000

LPW
119
113
107



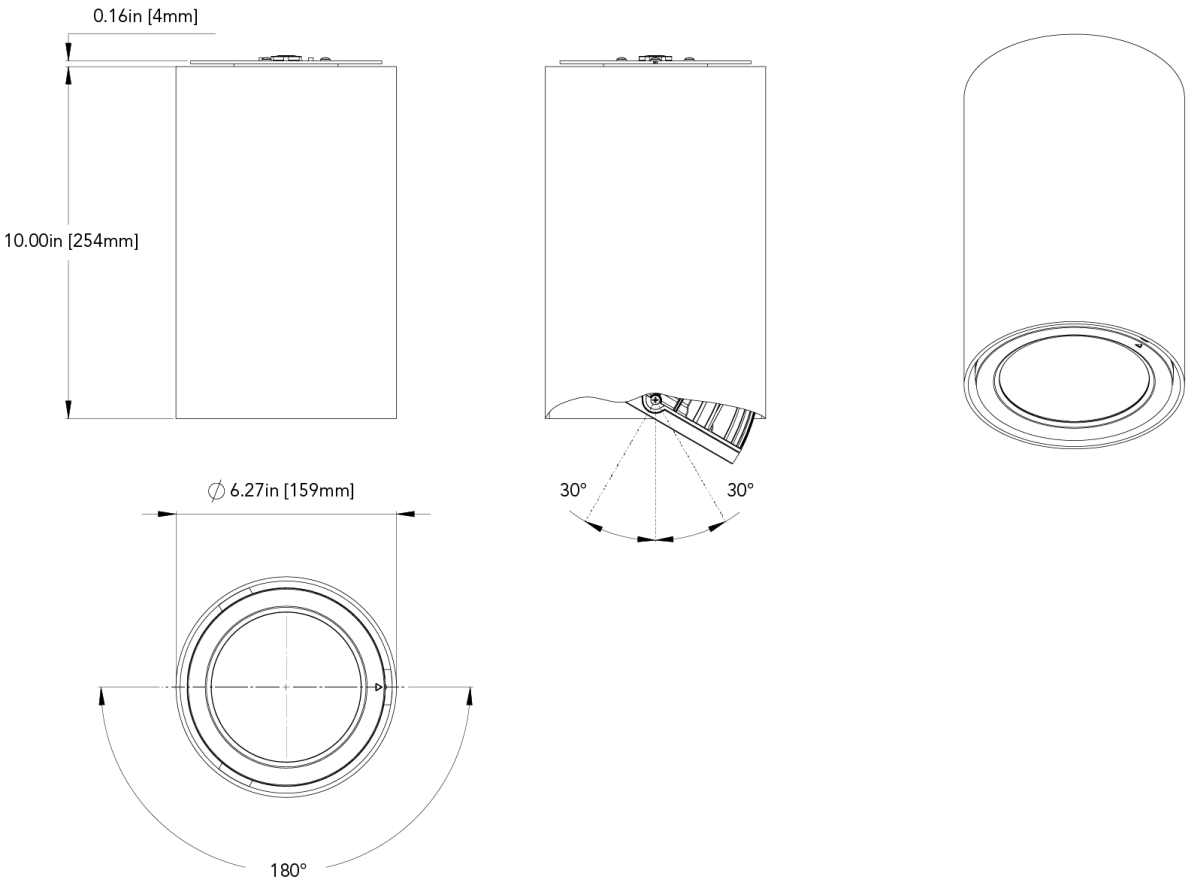
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50° BEAM, TYPE V - COB

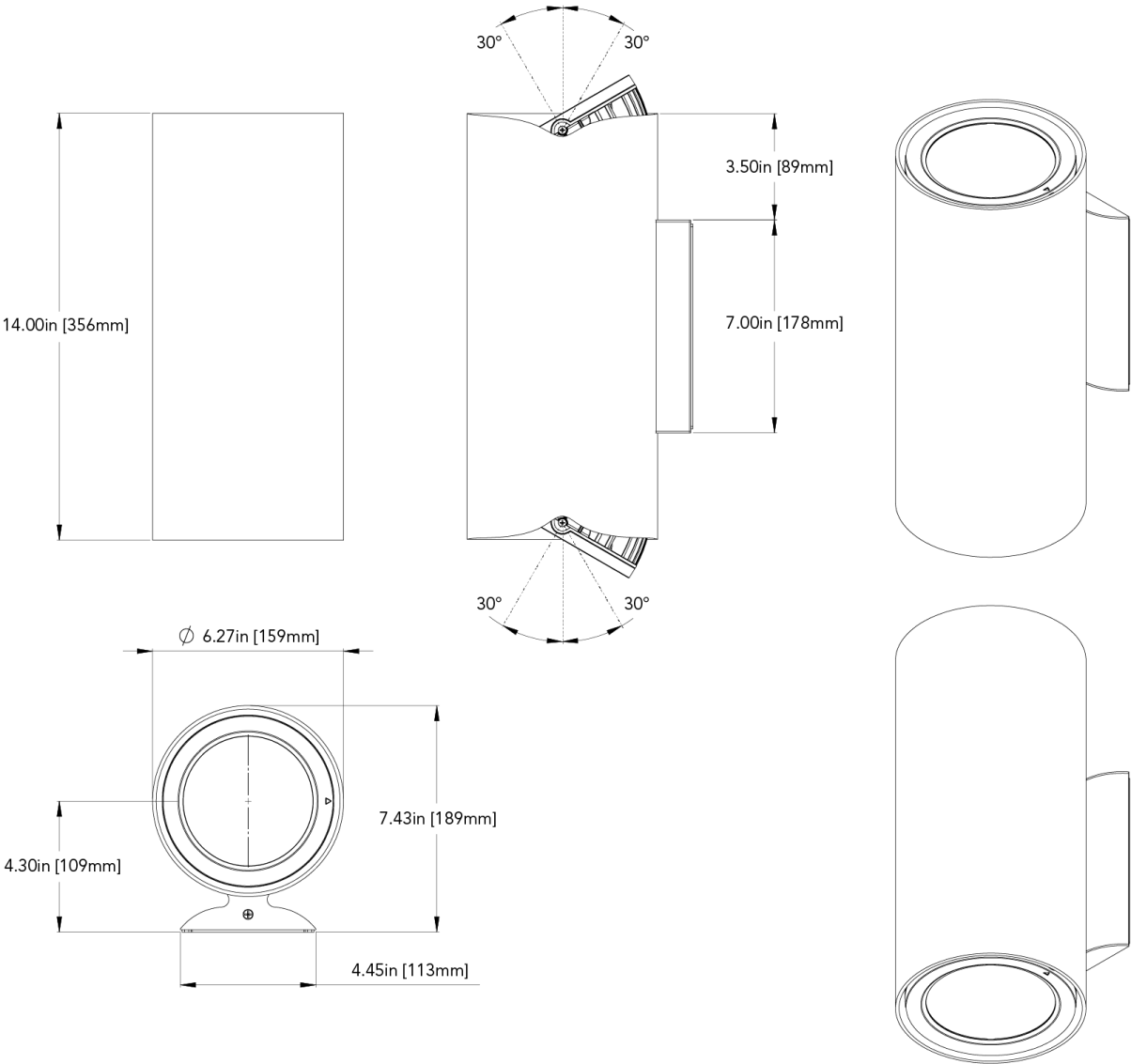
	WATTS	LUMENS	LPW
	20	2000	124
	27	3000	121
	34	4000	117

DIMENSIONAL DIAGRAMS

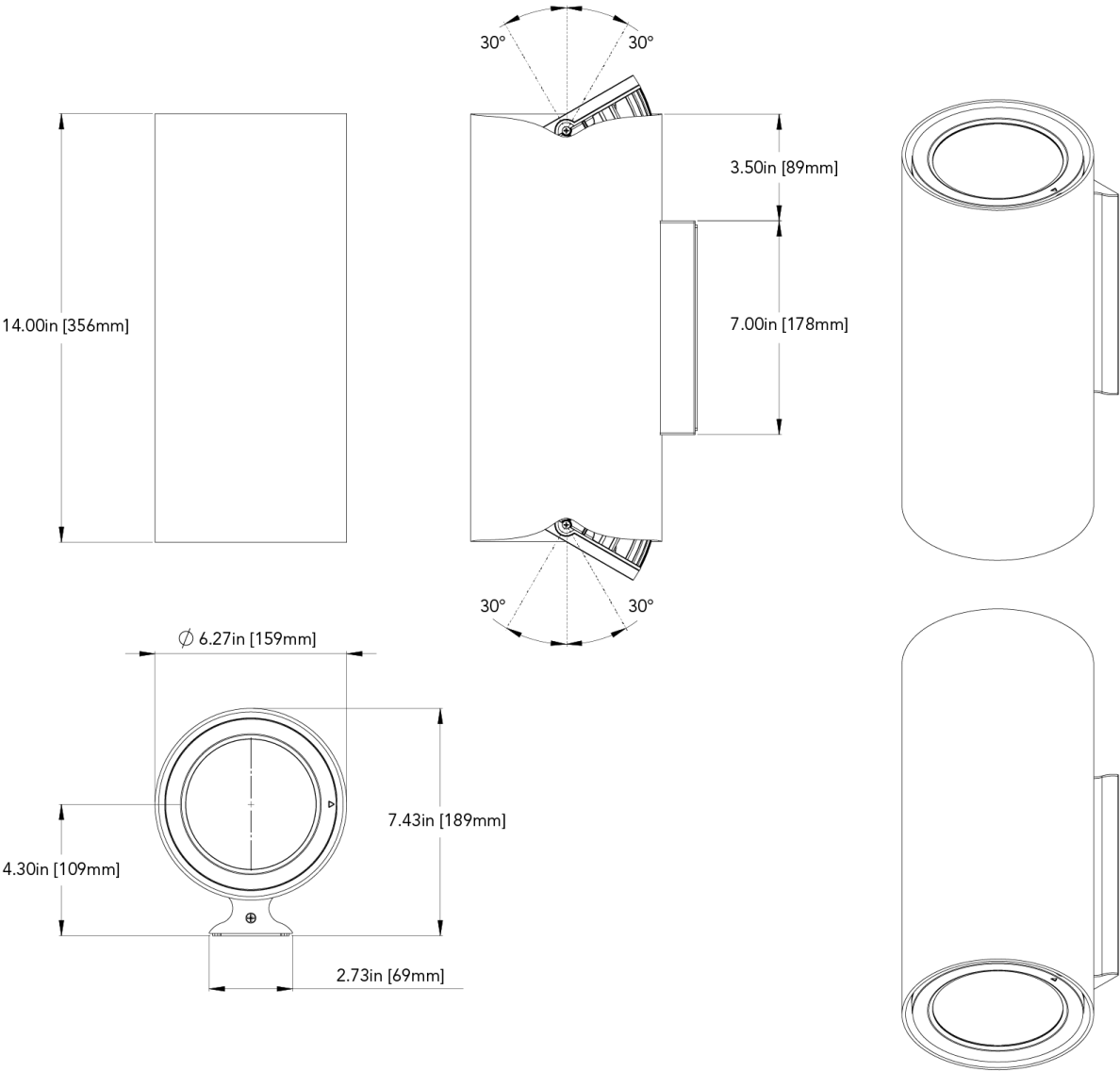
6"- Ceiling Surface Mount Direct Only



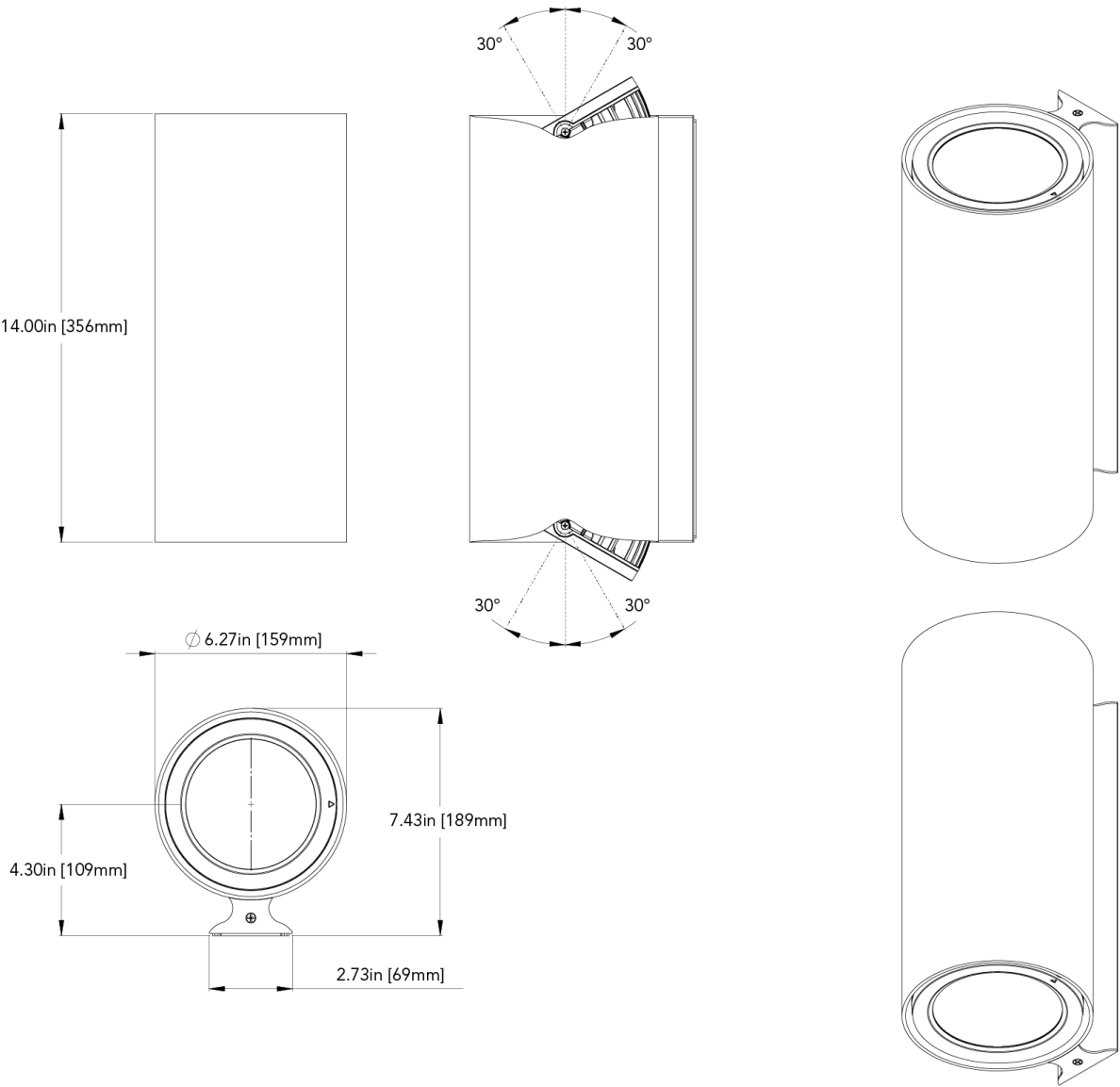
6"- Full Size Classic Wall Mount Direct-Indirect Only



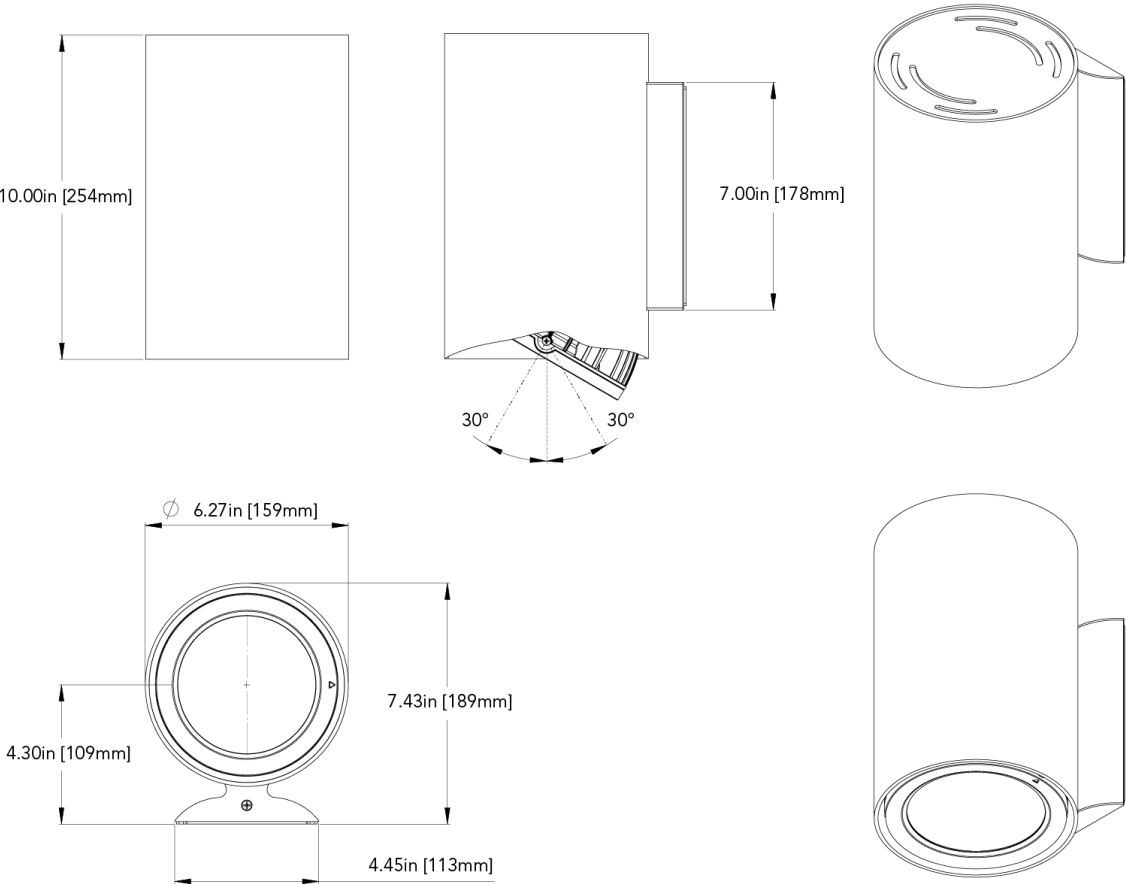
6"- Full Size Short Narrow Wall Mount Direct-Indirect Only



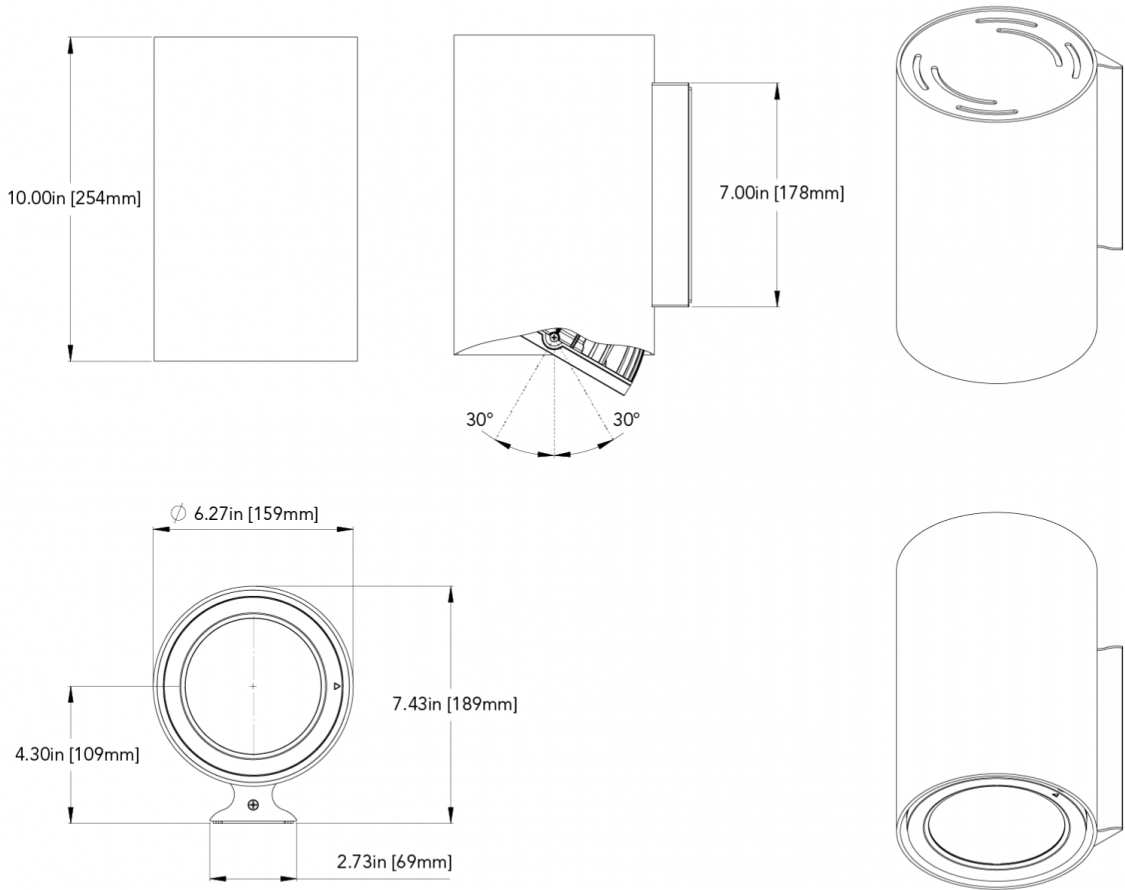
6"- Full Size Tall Narrow Wall Mount Direct-Indirect



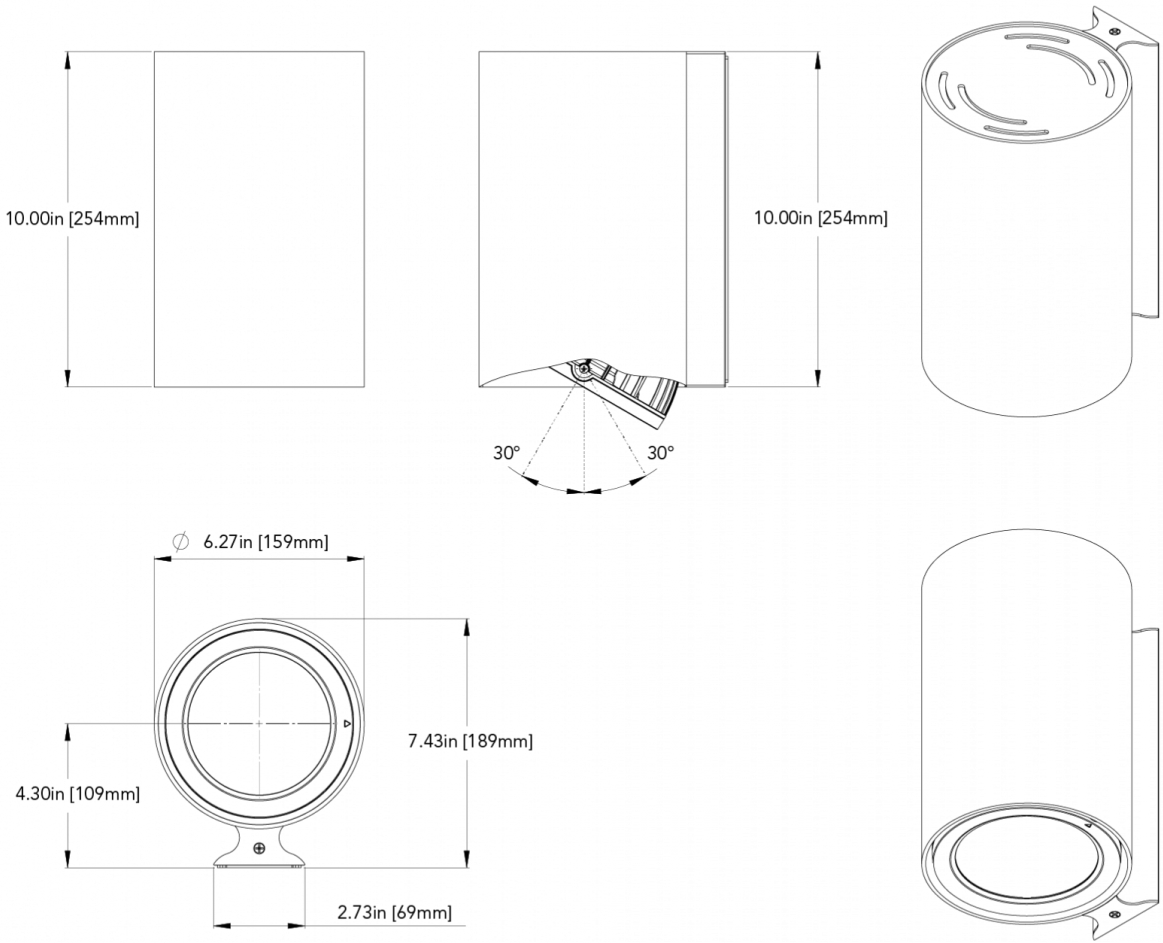
6"- Classic Wall Mount Direct/Indirect Only



6"- Narrow Wall Mount Direct/Indirect Only



6" - Half Size Narrow full Wall Mount Direct Only





6" - Pendant Stem Mount Direct Only

