

Client:

Project:

Type:



Order Code:

Quantity:



**Cylinder One** is the industry leader in size and performance. With a very high output and total aperture of less than 6", it's in a class all its own for long throw applications. It features an internal 100-277VAC power supply, onboard DMX+RDM driver, and each unit includes Acclaim's Aria wireless DMX technology as a standard feature. Cylinder One offers several quick-change reflectors, as well as various mounting configurations including surface mount, 3/4" NPS pendant mount, aircraft cable mount and wall mount configurations.

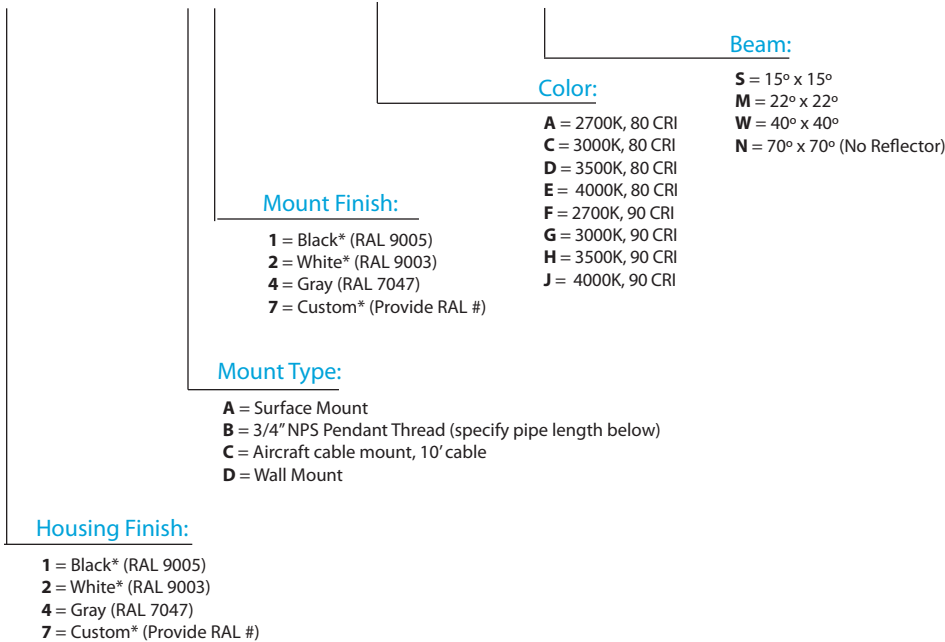
## SPECIFICATIONS

Color Temperature Options	2700K, 3000K, 3500K, 4000K
Beam Angles	15°, 22°, 40°, and 70° via quick change reflectors
Photometrics	Up to 12,000 lumens, 99,000 max candela (see page 4 for details)
Trim Options	Full aluminum cutoff or illuminated acrylic ring
Control	0-100% dimming via DMX+RDM, Aria wireless direct connect, 0-10V via optional UDM
Max Fixtures in Series	32 via DMX input /output, power local to each fixture
Power Consumption	135W
Operating Voltage	100-277VAC, 50/60 Hz
Lumen Maintenance	L70 @ 150,000 hours (25° C)
Mounting	Surface mount bracket standard, 3/4" NPS pendant mount, aircraft cable, or wall mount
Finish	Gray standard (RAL 7047), black, white, and custom colors optional
Material	Aluminum, acrylic lens (optional)
Ambient Operating Temperature	-4° F to 113° F (-20° C to 45° C)
IP Rating	IP40, dry location
IK Rating	IK06, protection against 0.7 joule impact
Fixture Connectors	Attached 20' (6.09m) 18/3 AC power cable, 24/5 DMX+RDM cable
Warranty	5 Years, limited
Weight	12.4 Lbs (5.6 Kg), Luminaire only
Dimensions	<b>L:</b> Various (see page x <b>Ø:</b> 5.98" (826mm x Ø 152mm)
Certifications	 

## ORDER CODES

\* indicates special order

### COH# - CHM## - CHC# - RFH#



## RELATED COMPONENTS

### Optional Trim Accessories

#### COHTR

*Cylinder One HO Illuminated Trim Ring*

Adds visible ring of light to bottom of the cylinder

#### COHVCM

*Cylinder One HO Vaulted Ceiling Mount*

Swivel adjustment up to 30° for vaulted ceilings

#### NPS Pipe (Required for Pendant Mount)

(3/4" NPS, OD = 1.050")

12" Gray : NPS34-12G

24" Gray : NPS34-24G

36" Gray : NPS34-36G

\*For other colors substitute G above for:

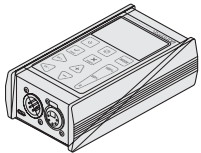
B = Black

W = White

C = Custom (provide RAL #)

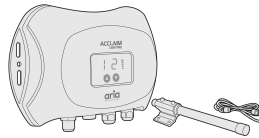
## RELATED COMPONENTS

### Fixture Setup Accessories



**XMT350**  
*DMX + RDM Addressing and Testing Tool*

### Control Accessories



**ARIA WDS**  
*Aria Wireless DMX System*



**UDM**  
*Universal Dimming Module*  
*Converts 0-10V Sink and Source to DMX*

## PHOTOMETRICS

### 80 CRI Versions, 15° x 15°

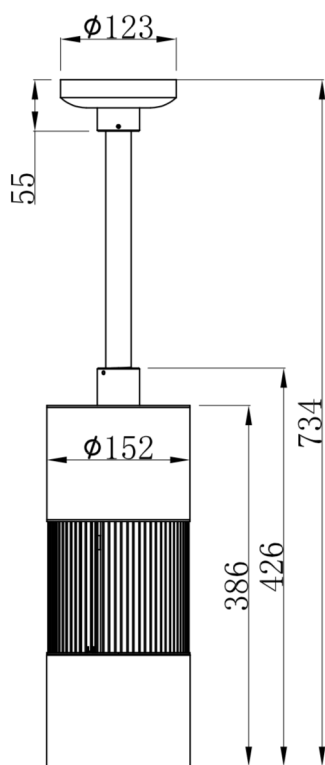
Color	Lumens	Max Candela	Efficacy (l/pw)	CRI	TM30
<b>2700K</b>	9,456	82,963	75	82.5	82.3
<b>3000K</b>	9,270	81,417	72	82.2	82.0
<b>3500K</b>	9,674	84,490	76	82.6	81.8
<b>4000K</b>	11,989	98,993	95	82.0	80.9

### 90 CRI Versions, 15° x 15°

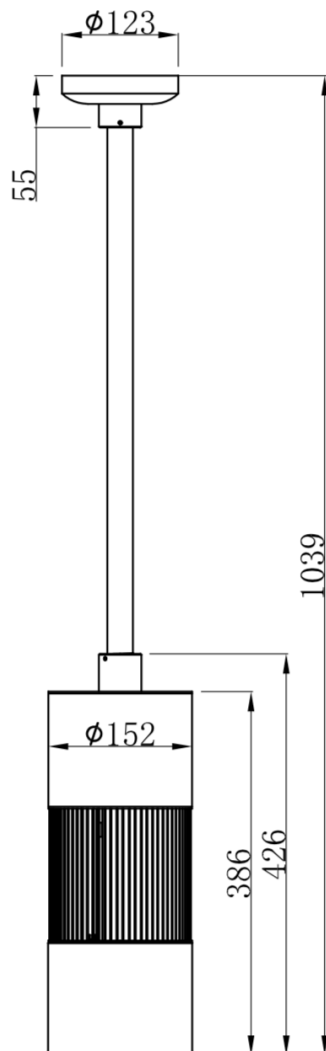
Color	Lumens	Max Candela	Efficacy (l/pw)	CRI	TM30
<b>2700K</b>	8,357	71,542	67	90.2	87.9
<b>3000K</b>	TBA				
<b>3500K</b>	8,451	72,931	67	89.7	87.9
<b>4000K</b>	9,127	79,575	73	90.5	88.4

## DIMENSIONS *in mm*

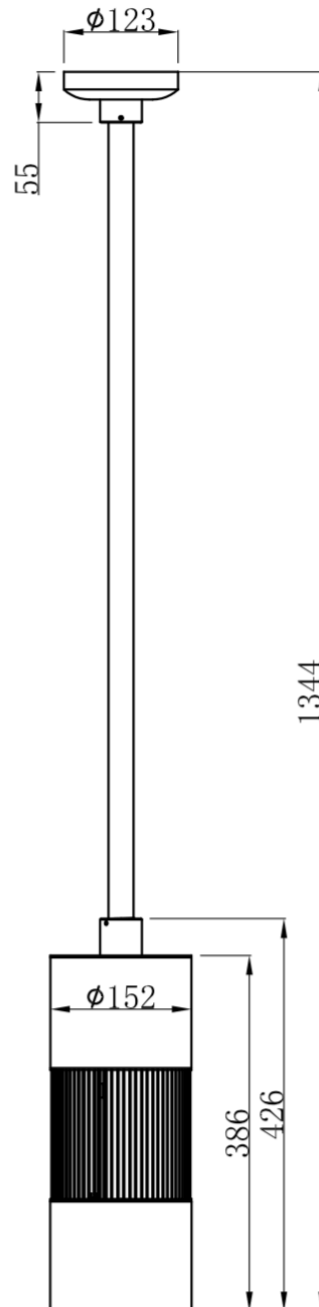
Pendant Mount w/ 12" NPS



Pendant Mount w/ 24" NPS

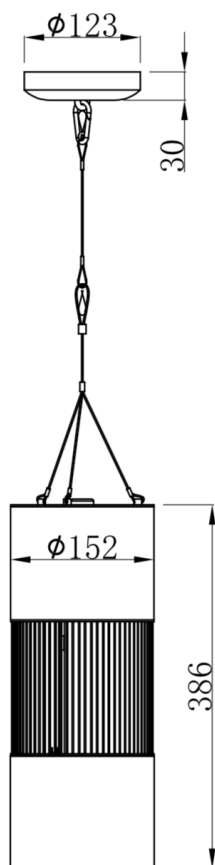


Pendant Mount w/ 36" NPS

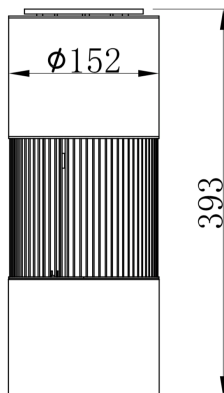


## DIMENSIONS *in mm*

*Aircraft Mount  
(can be extended)*



*Surface Mount*



*Wall Mount*

