

# ASF70

## Surface Mount Cylinder

Track, Surface & Suspended

Job Information		
Project Name		Type
Location		
Quantity		Date
Contact/Phone		
Notes		

### Features

#### Housing

Round .100 thick spun aluminum housing finished in textured powder-coated paint.

#### Mounting

Canopy with mounting hardware.

#### Optics

Clear glass lens.

#### Reflector

Anodized aluminum reflector that provides optimal distribution of light with low glare.

#### LED Characteristics

High powered 15.5 / 30.2W CITIZEN® LED chip (COB) that maintains uniform intensity with 1200 and 2300 lumens respectively; with a typical 80+ CRI and a 35,000 hour life span. Available in 2700 K, 3000 K, 3500 K and 4000 K nominal colour temperature.

#### Dimming

100%-10% dimming capability. This fixture is compatible with industry standard TRIAC and ELV dimmers (Consult factory for compatible dimmers).

#### LED Driver

Constant current LED driver, featuring a power factor larger than 0.9. Provided with an integral thermal protection to sense over temperature or internal failure.  
APF7015: 120-277V, 120V Standard, 120-277V Optional  
APF7030: 120-277V, 120V Standard, 120-277V Optional

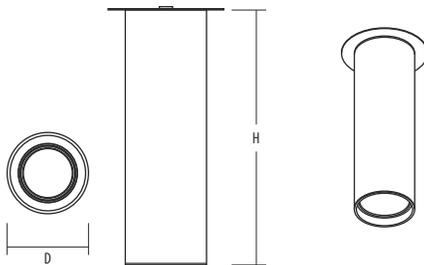
#### Environment

For indoor use only.



### Description

The architectural LED cylinder is designed to meet the quality, engineering and aesthetic required by the most discerning specifiers in lighting design. The series features multiple mounting and color options to accommodate any room. These cylinder luminaires feature a state-of-the-art flow-through design that includes an integrated heat sink for superior thermal management to optimize lumen maintenance and the overall integrity of the luminaire.



Dimensions		
	ASF7015	ASF7030
Diameter (D)	3 1/8" (80mm)	3 1/4" (100mm)
Height (H)	10 1/16" (255mm)	15 5/8" (403mm)

SPECIFICATION		
	ASF7015	ASF7030
Application	Ceiling mount	
Approved Location	Dry	
Beam Angle	15°/24°/38°/60°	15°/24°/38°
CCT	2700 K / 3000 K / 3500 K / 4000 K	
Certification	cETLus	
Colour	BK / WH	
CRI	80+	
Dimming	Yes	
Dimming Tech	TRIAC	
Input	120V, 50-60Hz	
LM79	Yes	
LM80	Yes	
Lumens	1200	2300
Lumens per Watt	76.8	76.4
Output	36.6V DC, 350mA	38.1V DC, 700mA
Lumen Maintenance	70% @ 50,000 hrs	
Power Factor	>0.9	
Rated Life	35,000 hrs	
Warranty	3 years	
Wattage	15.5W	30.2W



### Ordering Guide

ASF70	Wattage	Color Temp.	Beam Spread	Finish Color	Dimming Options
	15 : 15.5W 30 : 30.2W	27 : 2700 K 30 : 3000 K 35 : 3500 K 40 : 4000 K	15 : 15° 24 : 24° 38 : 38° 60 : 60° <sup>1</sup>	BK : Black WH : White	Leave blank for standard TRIAC dimming 0 : 0-10V (120-277V)

#### Notes:

<sup>1</sup> Not available with 30.2W option.

For additional options please consult your A-Line Lighting representative. Due to our continued efforts to improve our products, product specifications are subject to change without notice.

# Photometry

## CCT Correction Factors :

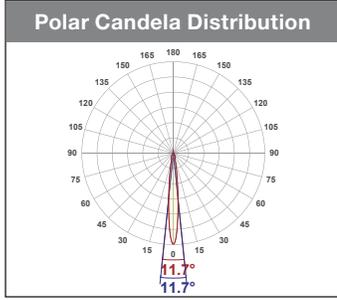
Baseline lumens = 3000 K

Multiply 3000 K lumen values by:

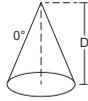
0.95 for 2700 K

1.15 for 4000 K

### ASF7015-3015 : 15W Surface Mount Cylinder, 3000 K, 15°



#### Beam Details

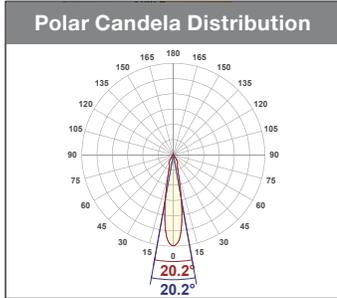


D	Lux	FC	L	W
4'	7302	678	0.8'	0.8'
8'	1826	170	1.6'	1.6'
12'	811	75	2.5'	2.5'
16'	456	42	3.3'	3.3'
20'	292	27	4.1'	4.1'

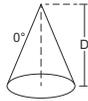
#### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1022	84.53%
0-40	1163	96.20%
0-60	1180	97.60%
60-90	10.1	0.84%
70-100	8.60	0.71%
90-120	8.31	0.69%
0-90	1190	98.43%
90-180	18.9	1.56%
0-180	1209	100%

### ASF7015-3024 : 15W Surface Mount Cylinder, 3000 K, 24°



#### Beam Details

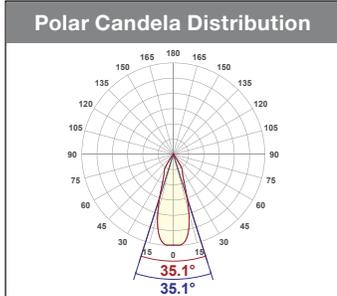


D	Lux	FC	L	W
4'	3456	321	1.4'	1.4'
8'	864	80	2.9'	2.9'
12'	384	36	4.3'	4.3'
16'	216	20	5.7'	5.7'
20'	138	13	7.1'	7.1'

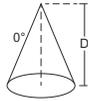
#### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	965	83.99%
0-40	1094	95.21%
0-60	1115	97.04%
60-90	11.2	0.97%
70-100	9.60	0.84%
90-120	9.18	0.80%
0-90	1126	98.00%
90-180	22.8	1.98%
0-180	1149	100%

### ASF7015-3038 : 15W Surface Mount Cylinder, 3000 K, 38°



#### Beam Details

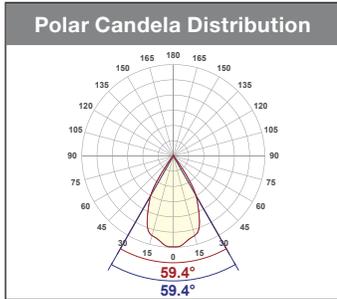


D	Lux	FC	L	W
4'	1765	164	2.5'	2.5'
8'	441	41	5.1'	5.1'
12'	196	18	7.6'	7.6'
16'	110	10	10.1'	10.1'
20'	71	7	12.7'	12.7'

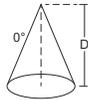
#### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1010	84.10%
0-40	1147	95.50%
0-60	1167	97.17%
60-90	11.7	0.97%
70-100	10.4	0.87%
90-120	9.60	0.80%
0-90	1179	98.17%
90-180	22.6	1.88%
0-180	1201	100%

### ASF7015-3060 : 15W Surface Mount Cylinder, 3000 K, 60°



#### Beam Details

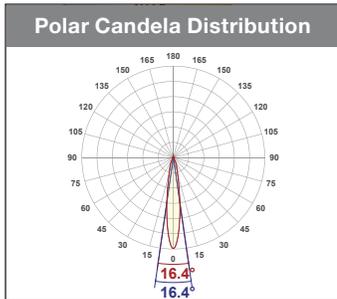


D	Lux	FC	L	W
4'	952	88	4.6'	4.6'
8'	238	22	9.1'	9.1'
12'	106	10	13.7'	13.7'
16'	59	6	18.3'	18.3'
20'	38	4	22.8'	22.8'

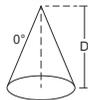
#### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	914	78.05%
0-40	1108	94.62%
0-60	1136	97.01%
60-90	12.5	1.07%
70-100	10.6	0.91%
90-120	9.99	0.85%
0-90	1148	98.04%
90-180	23.1	1.97%
0-180	1171	100%

### ASF7030-3015 : 30W Surface Mount Cylinder, 3000 K, 15°



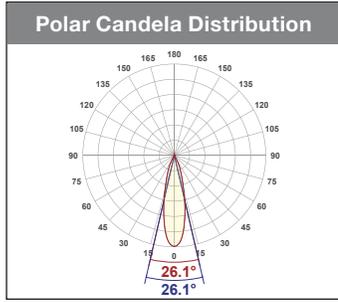
#### Beam Details



D	Lux	FC	L	W
4'	12245	1138	1.2'	1.2'
8'	3061	284	2.3'	2.3'
12'	1361	126	3.5'	3.5'
16'	765	71	4.6'	4.6'
20'	490	46	5.8'	5.8'

#### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	2542	97.66%
0-40	2570	98.73%
0-60	2579	99.08%
60-90	6.99	0.27%
70-100	6.61	0.25%
90-120	6.79	0.26%
0-90	2586	99.35%
90-180	16.9	0.65%
0-180	2603	100%

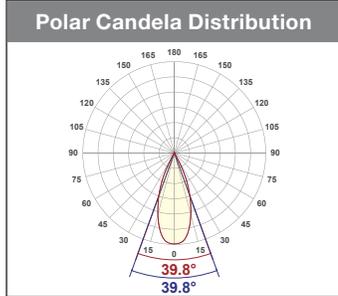


**Beam Details**

D	Lux	FC	L	W
4'	6700	622	1.9'	1.9'
8'	1675	156	3.7'	3.7'
12'	744	69	5.6'	5.6'
16'	419	39	7.4'	7.4'
20'	268	25	9.3'	9.3'

**Zonal Lumen Summary**

Zone	Lumens	% Luminaire
0-30	2427	96.81%
0-40	2462	98.21%
0-60	2476	98.76%
60-90	9.35	0.37%
70-100	8.32	0.33%
90-120	8.02	0.32%
0-90	2486	99.16%
90-180	20.8	0.83%
0-180	2507	100%



**Beam Details**

D	Lux	FC	L	W
4'	3948	367	2.9'	2.9'
8'	987	92	5.8'	5.8'
12'	439	41	8.7'	8.7'
16'	247	23	11.6'	11.6'
20'	158	15	14.5'	14.5'

**Zonal Lumen Summary**

Zone	Lumens	% Luminaire
0-30	2352	95.34%
0-40	2403	97.41%
0-60	2430	98.50%
60-90	11.8	0.48%
70-100	9.83	0.40%
90-120	9.33	0.38%
0-90	2441	98.95%
90-180	25.7	1.04%
0-180	2467	100%