

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: LUMARK

Report Number: P1002001

Luminaire Tested: **CYL-2D-30W-347V-PC_15W_Uplight_4000K**

Issue Date: 6/25/2025

Test Information

Test Method: LM-79-08
Report Number: P1002001
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2504-411-2up)
Test Lab: INNOVATION CENTER
Issue Date: 6/25/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: CYL-2D-30W-347V-PC_15W_Uplight_4000K
Description: Lumark AP Wall Cylinder at 15W Uplight output with 4000K CCT settings
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1809 lumens
Efficiency: N/A
Efficacy: 120.6 lumens/watt
Luminous Opening: Circular (Dia: 0.38' x H: 0')
IES Classification: Type V - Short
BUG Rating: B0 - U5 - G0

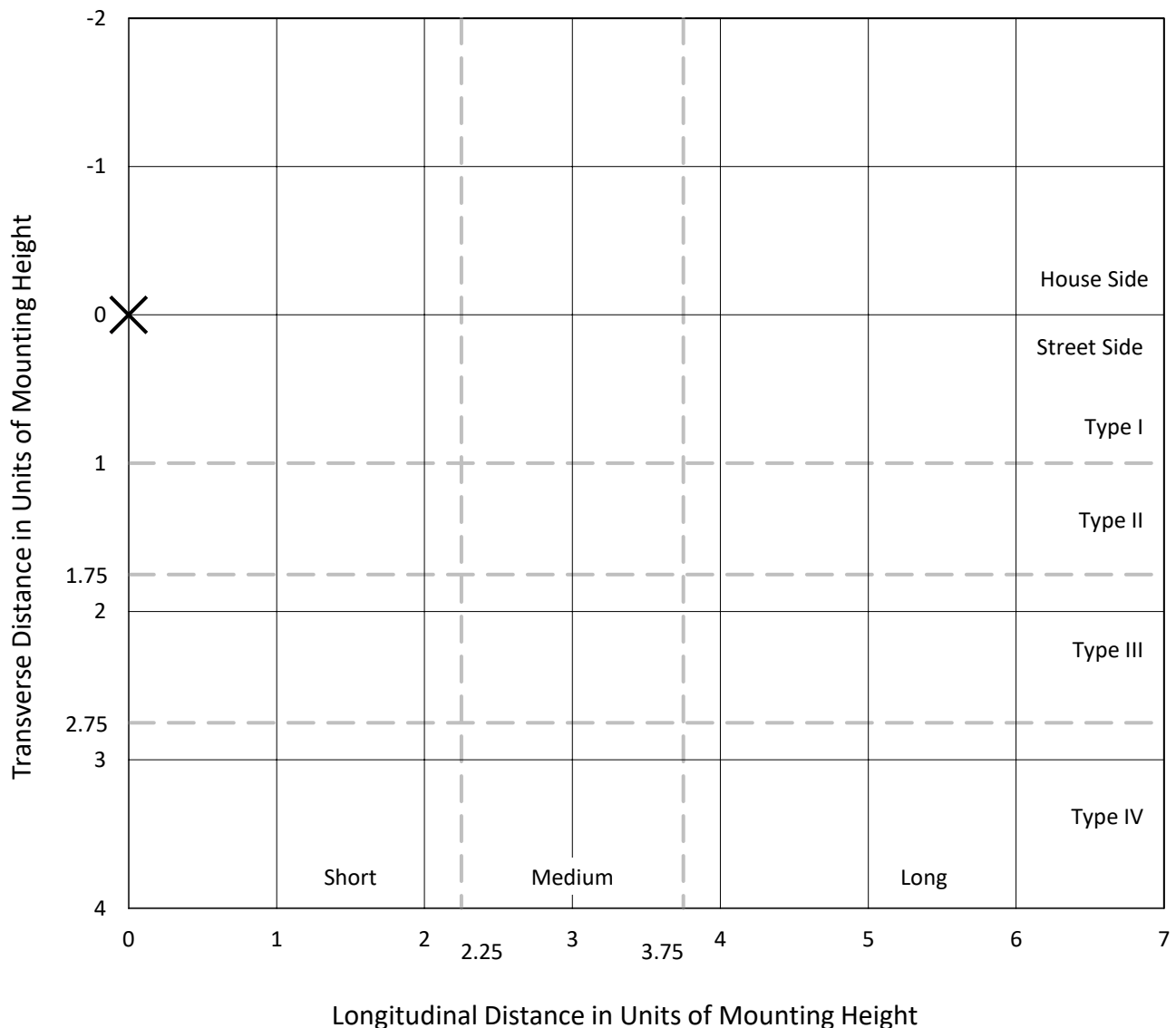
Input Watts (W): 15
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.9863
Total Harmonic Distortion (THDi): 10.5
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

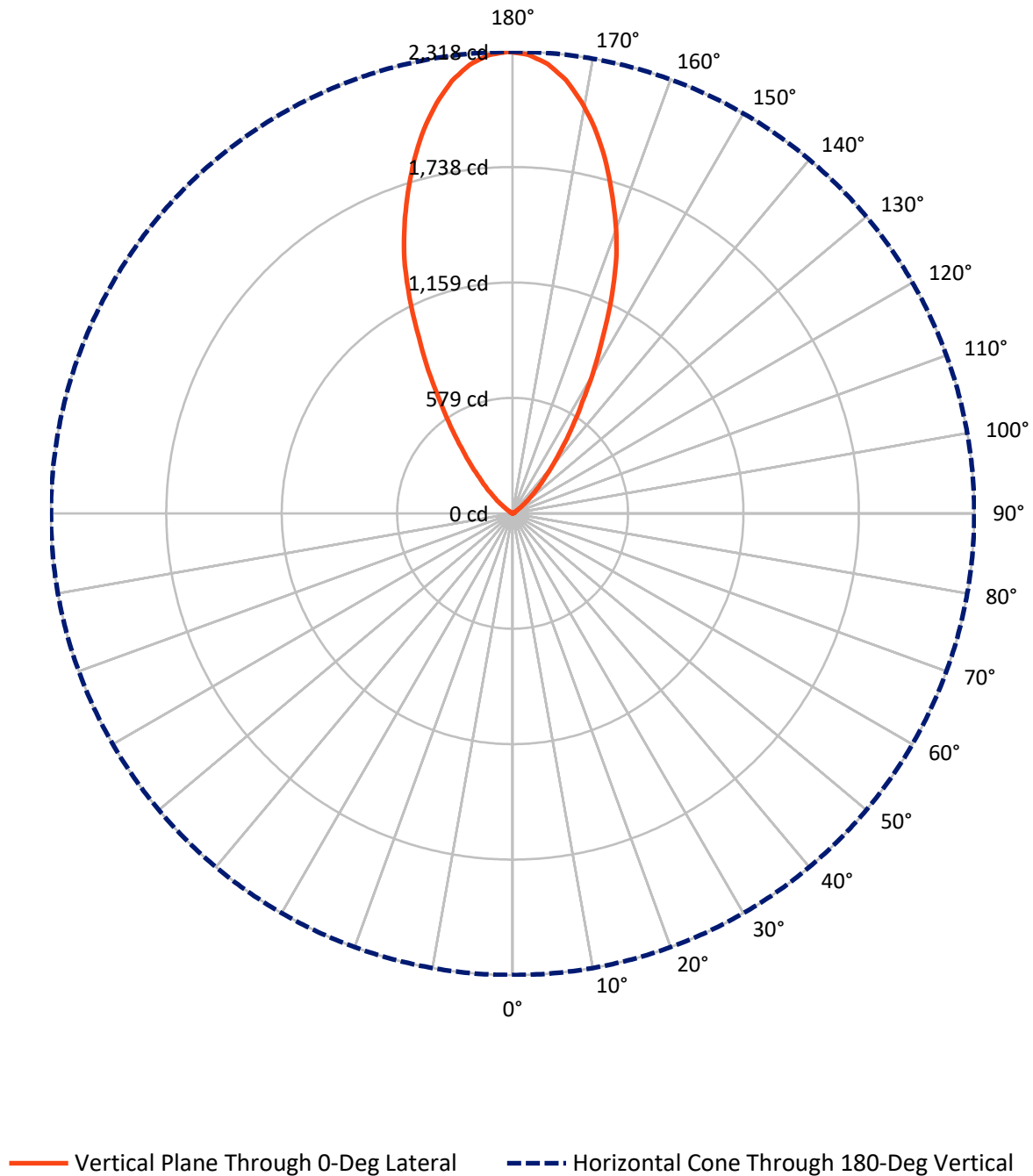


Based on 10 foot mounting height. Maximum calculated value = 0 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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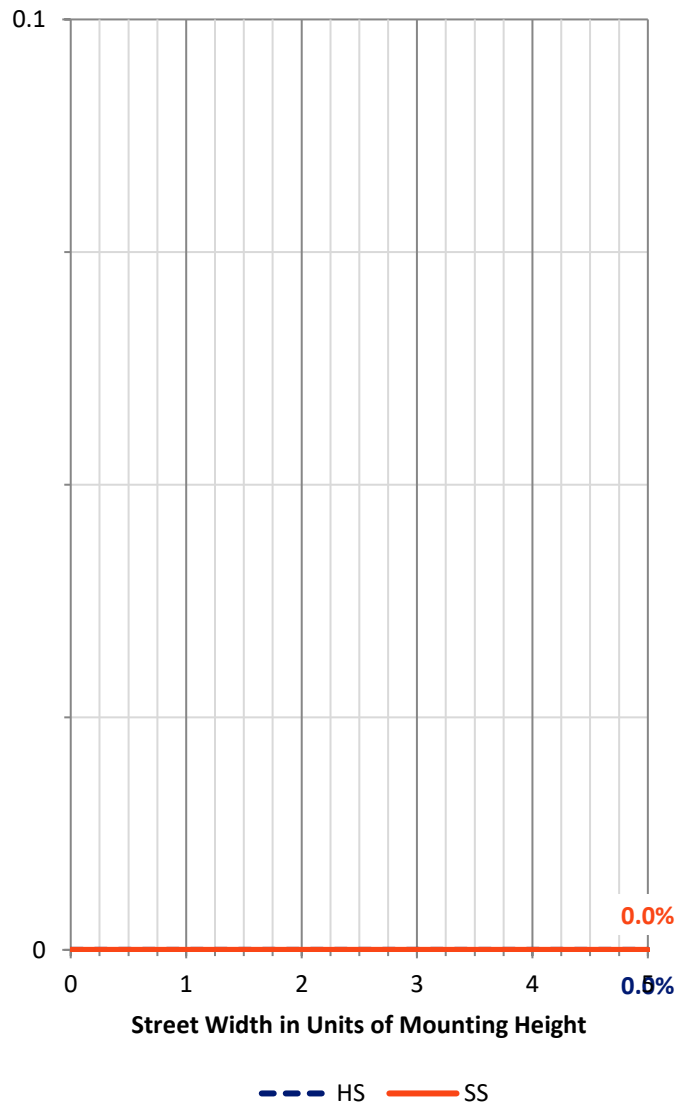
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	0.0	904.5	904.5
	% Fixture	0.0	50.0	50.0
Street Side	Lumens	0.0	904.5	904.5
	% Fixture	0.0	50.0	50.0
Total	Lumens	0.0	1809.0	1809.0
	% Fixture	0.0	100.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.0	0.0
10°-20°	0.0	0.0
20°-30°	0.0	0.0
30°-40°	0.0	0.0
40°-50°	0.0	0.0
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
90°-100°	1.9	0.1
100°-110°	5.9	0.3
110°-120°	10.4	0.6
120°-130°	38.5	2.1
130°-140°	147.6	8.2
140°-150°	338.1	18.7
150°-160°	543.8	30.1
160°-170°	512.4	28.3
170°-180°	210.6	11.6
0°-90°	0.0	0.0
0°-180°	1809.0	100.0



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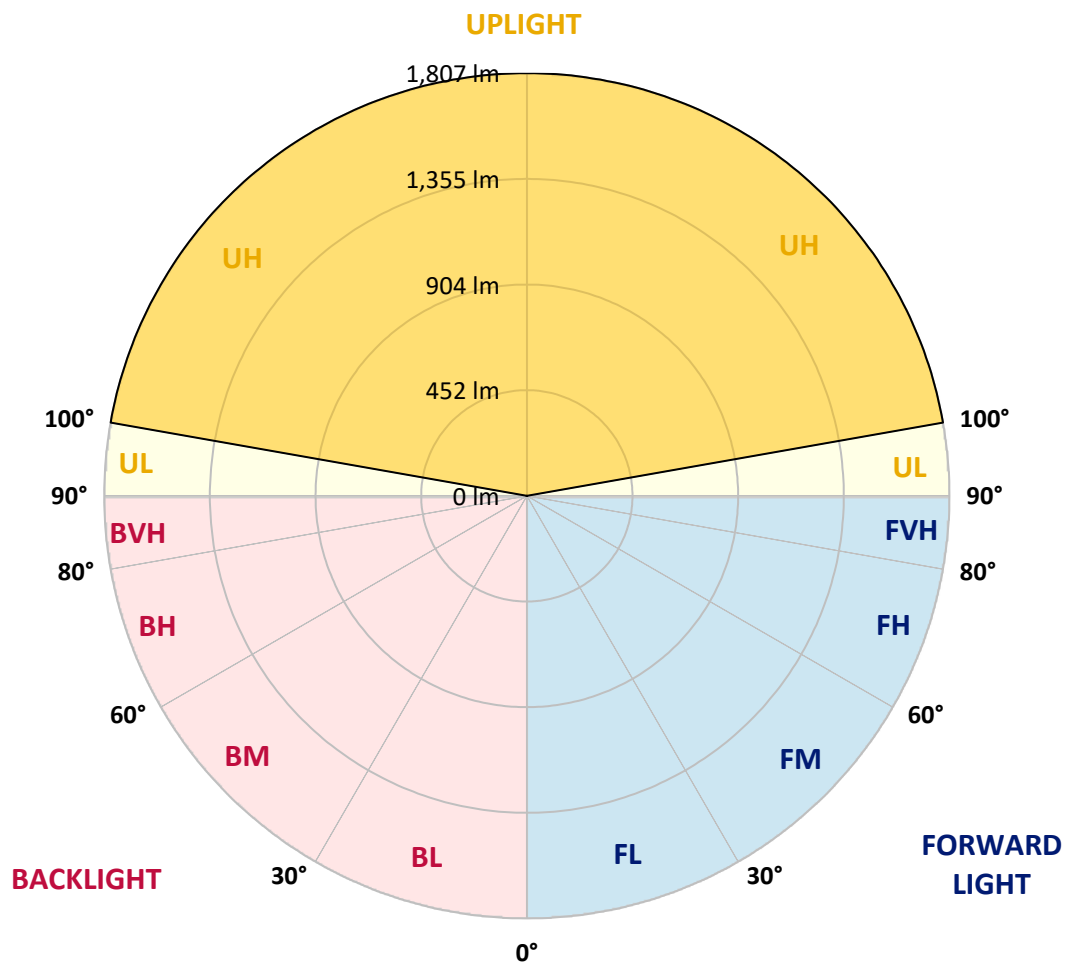
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	0.0	0.0			
FM	(30°-60°)	0.0	0.0			
FH	(60°-80°)	0.0	0.0			G0/660
FVH	(80°-90°)	0.0	0.0			G0/10
BL	(0°-30°)	0.0	0.0	B0/110		
BM	(30°-60°)	0.0	0.0	B0/220		
BH	(60°-80°)	0.0	0.0	B0/110		G0/660
BVH	(80°-90°)	0.0	0.0			G0/10
UL	(90°-100°)	1.9	0.1		U1/10	
UH	(100°-180°)	1807.1	99.9		U5	

BUG Rating: B0-U5-G0

Type V Short





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CANDELA DISTRIBUTION (FULL):

0°	
0°	0.0
2.5°	0.0
5°	0.0
7.5°	0.0
10°	0.0
12.5°	0.0
15°	0.0
17.5°	0.0
20°	0.0
22.5°	0.0
25°	0.0
27.5°	0.0
30°	0.0
32.5°	0.0
35°	0.0
37.5°	0.0
40°	0.0
42.5°	0.0
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0
92.5°	0.0
95°	2.8
97.5°	2.8
100°	2.8
102.5°	5.6
105°	5.6
107.5°	5.6
110°	8.4



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CANDELA DISTRIBUTION (continued):

	0°
112.5°	8.4
115°	11.2
117.5°	11.2
120°	14.0
122.5°	22.4
125°	36.3
127.5°	61.5
130°	95.1
132.5°	134.2
135°	187.3
137.5°	243.2
140°	324.3
142.5°	416.5
145°	534.0
147.5°	662.6
150°	833.1
152.5°	1000.8
155°	1202.1
157.5°	1392.2
160°	1548.8
162.5°	1696.9
165°	1845.1
167.5°	1979.3
170°	2093.9
172.5°	2191.8
175°	2261.7
177.5°	2303.6
180°	2317.6

(END OF REPORT)