

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: P1001994

Luminaire Tested: **CYL-2D-30W-347V-PC_15W_Combined_3000K**

Issue Date: 6/25/2025

Test Information

Test Method: LM-79-08
Report Number: P1001994
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2504-411-2)
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_Combined_3000K
Description: Lumark AP Wall Cylinder at 15W Combined output with 3000K CCT settings
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1631 lumens
Efficiency: N/A
Efficacy: 105.2 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.38' x H: 0.1')
IES Classification: Type V - Short
BUG Rating: B1 - U4 - G0

Input Watts (W): 15.5
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.986
Total Harmonic Distortion (THDi): 8.3
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



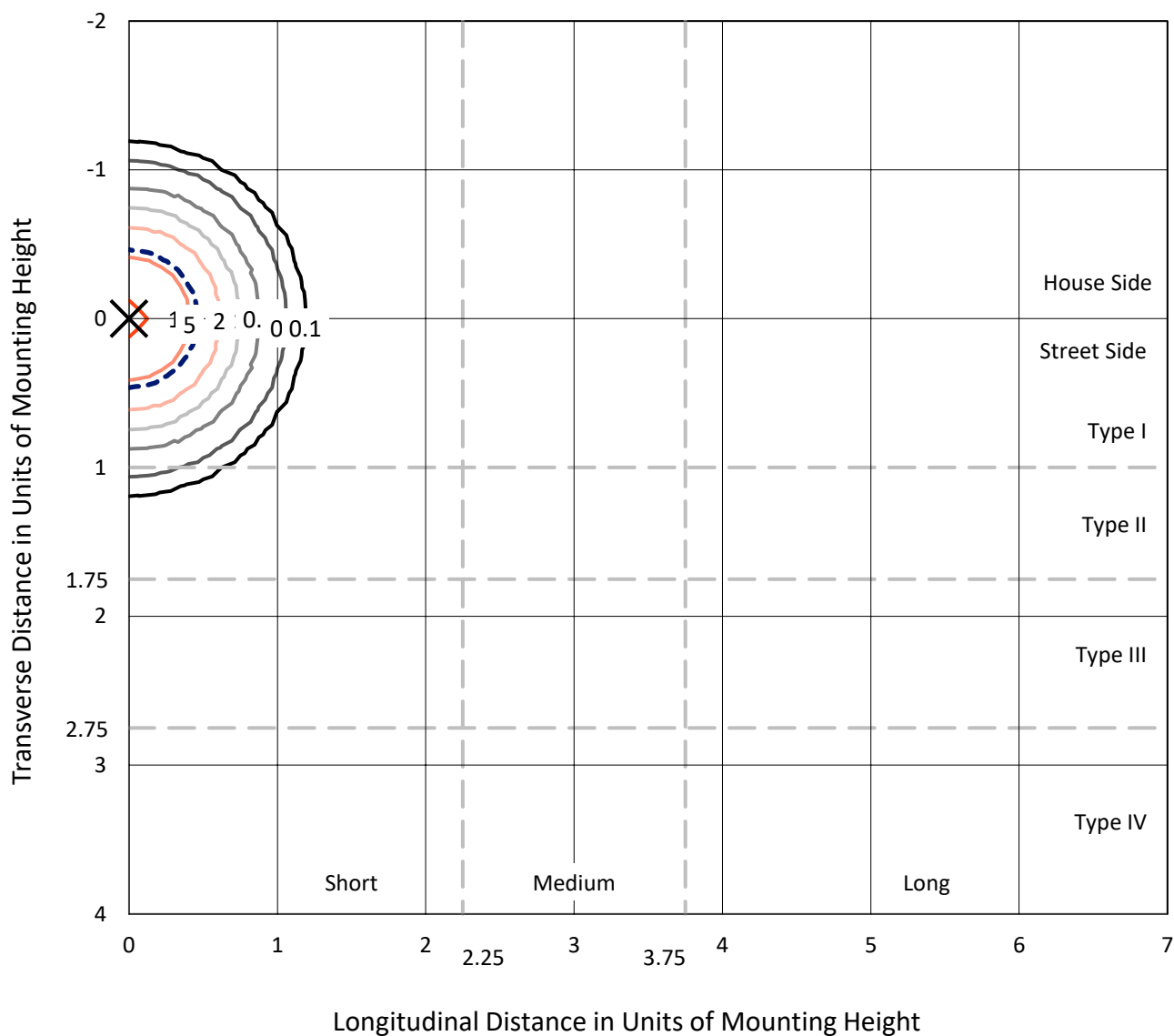
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

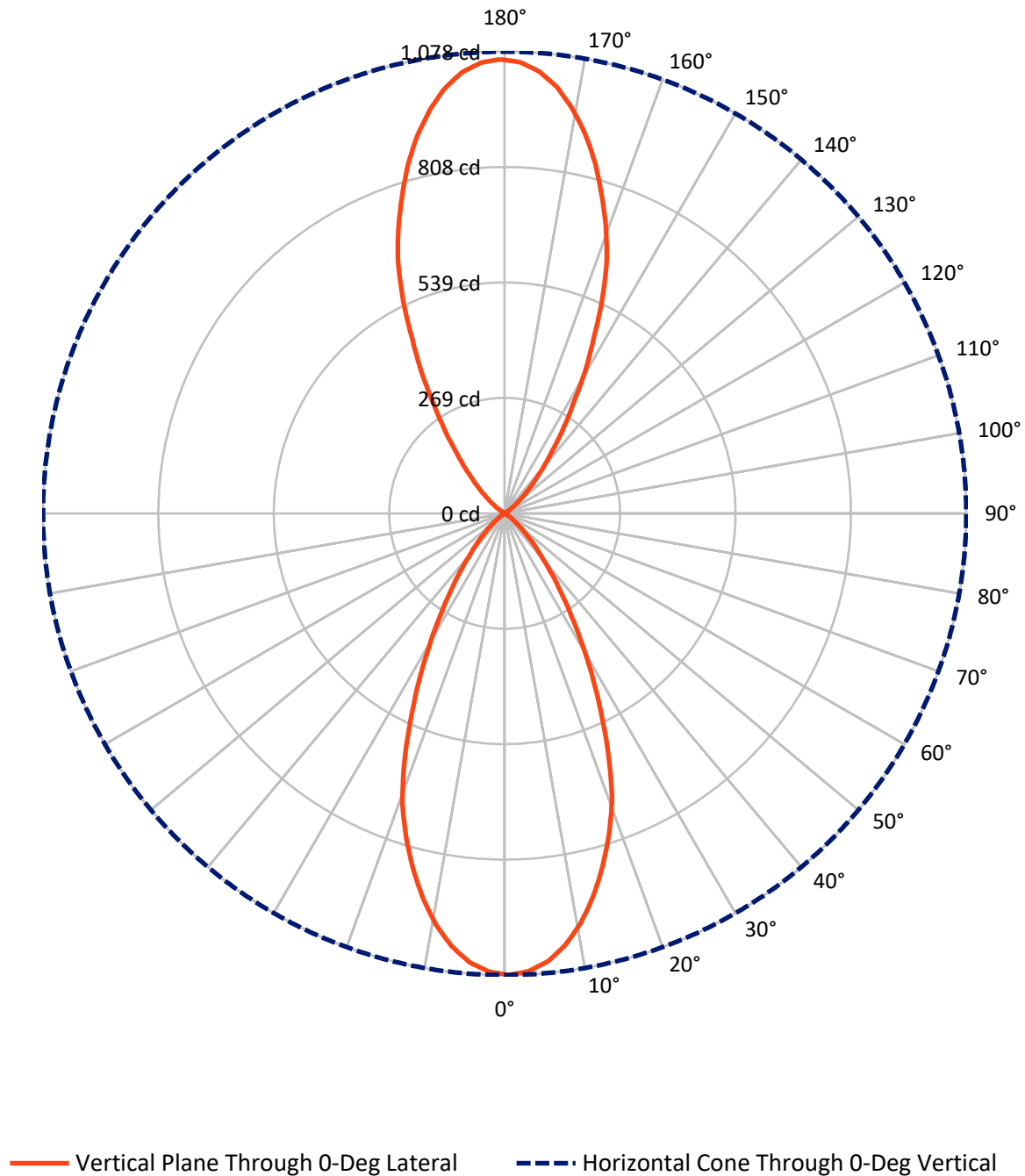


Based on 10 foot mounting height. Maximum calculated value = 10.8 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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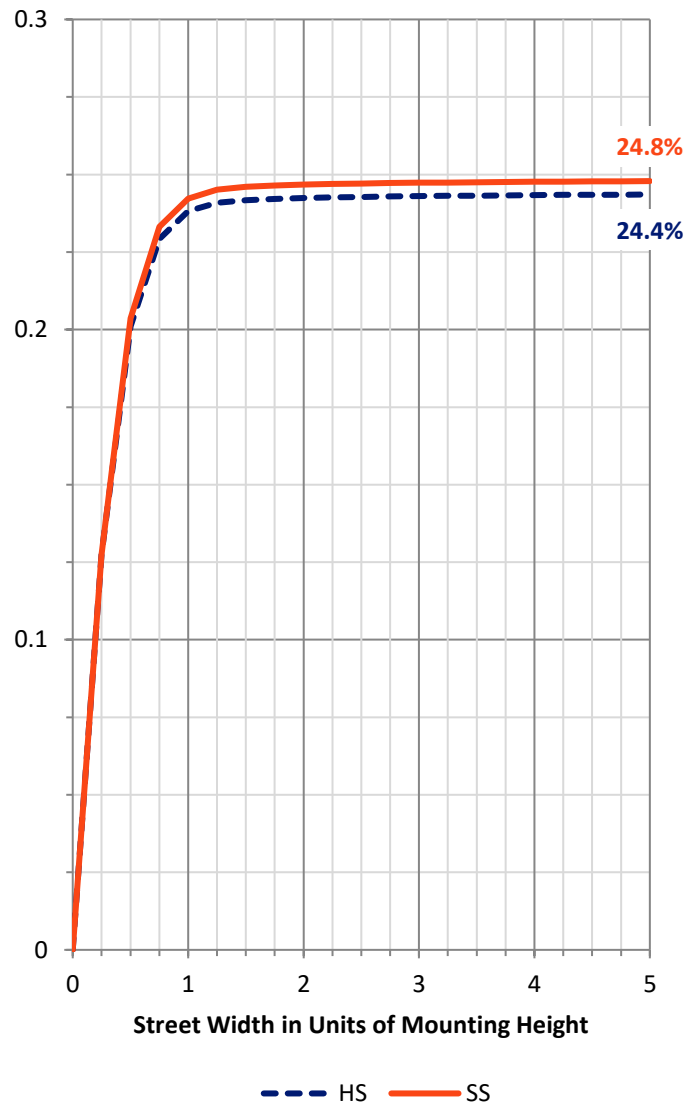
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	402.0	413.5	815.5
	% Fixture	24.6	25.4	50.0
Street Side	Lumens	402.0	413.5	815.5
	% Fixture	24.6	25.4	50.0
Total	Lumens	803.9	827.1	1631.0
	% Fixture	49.3	50.7	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.8	6.0
10°-20°	237.5	14.6
20°-30°	241.6	14.8
30°-40°	144.2	8.8
40°-50°	59.6	3.7
50°-60°	13.5	0.8
60°-70°	4.4	0.3
70°-80°	3.5	0.2
80°-90°	1.8	0.1
90°-100°	0.9	0.1
100°-110°	2.7	0.2
110°-120°	4.7	0.3
120°-130°	17.6	1.1
130°-140°	67.5	4.1
140°-150°	154.6	9.5
150°-160°	248.6	15.2
160°-170°	234.3	14.4
170°-180°	96.3	5.9
0°-90°	803.9	49.3
0°-180°	1631.0	100.0



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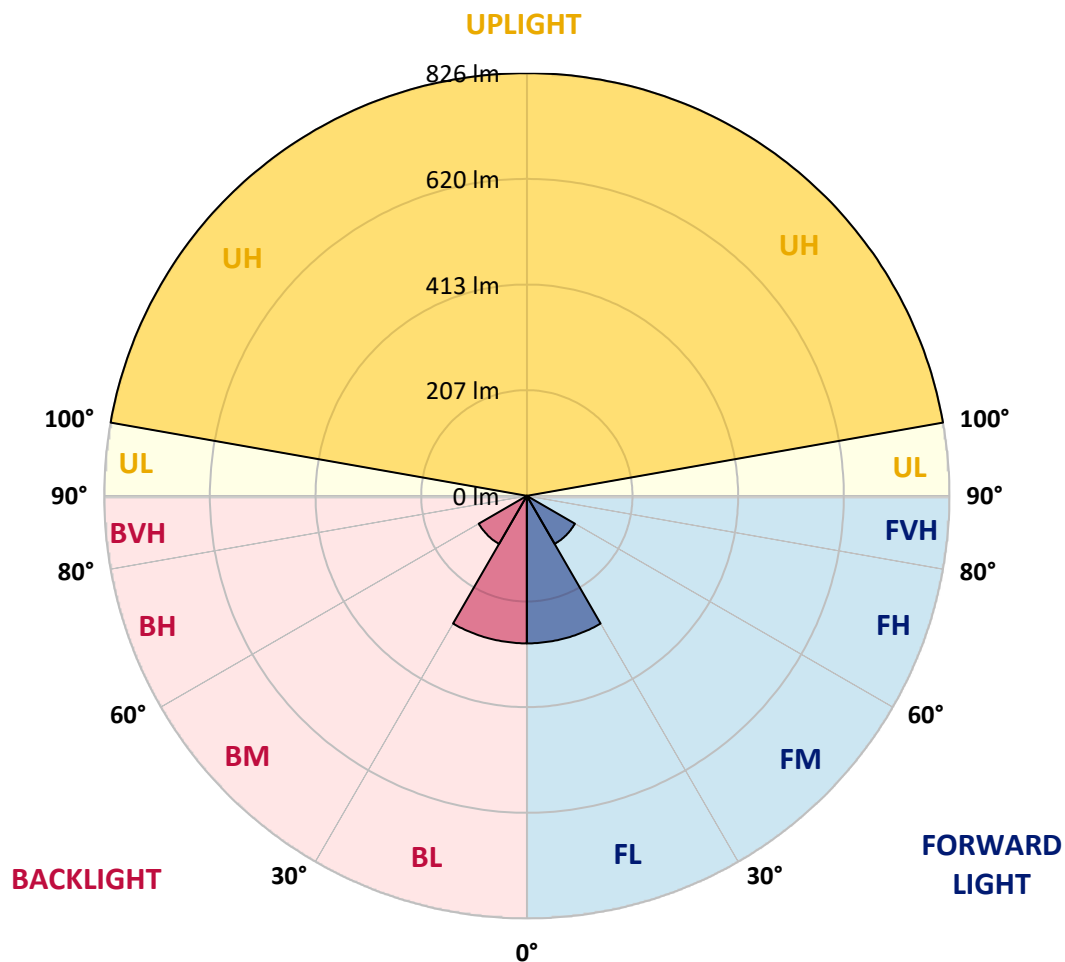
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	288.5	17.7			
FM	(30°-60°)	108.7	6.7			
FH	(60°-80°)	4.0	0.2			G0/660
FVH	(80°-90°)	0.9	0.1			G0/10
BL	(0°-30°)	288.5	17.7	B1/500		
BM	(30°-60°)	108.7	6.7	B0/220		
BH	(60°-80°)	4.0	0.2	B0/110		G0/660
BVH	(80°-90°)	0.9	0.1			G0/10
UL	(90°-100°)	0.9	0.1		U1/10	
UH	(100°-180°)	826.2	50.7		U4/1000	

BUG Rating: B1-U4-G0

Type V Short





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CANDELA DISTRIBUTION (FULL):

0°	
0°	1077.5
2.5°	1069.8
5°	1050.7
7.5°	1017.4
10°	972.7
12.5°	917.7
15°	855.1
17.5°	787.4
20°	715.8
22.5°	623.7
25°	527.9
27.5°	441.0
30°	359.2
32.5°	287.6
35°	226.2
37.5°	176.4
40°	131.7
42.5°	102.3
45°	74.1
47.5°	53.7
50°	34.5
52.5°	21.7
55°	11.5
57.5°	7.7
60°	6.4
62.5°	5.1
65°	3.8
67.5°	3.8
70°	3.8
72.5°	3.8
75°	3.8
77.5°	2.6
80°	2.6
82.5°	2.6
85°	1.3
87.5°	1.3
90°	0.0
92.5°	0.0
95°	1.3
97.5°	1.3
100°	1.3
102.5°	2.6
105°	2.6
107.5°	2.6
110°	3.8



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CANDELA DISTRIBUTION (continued):

	0°
112.5°	3.8
115°	5.1
117.5°	5.1
120°	6.4
122.5°	10.2
125°	16.6
127.5°	28.1
130°	43.5
132.5°	61.4
135°	85.6
137.5°	111.2
140°	148.3
142.5°	190.4
145°	244.1
147.5°	302.9
150°	380.9
152.5°	457.6
155°	549.6
157.5°	636.5
160°	708.1
162.5°	775.8
165°	843.6
167.5°	904.9
170°	957.3
172.5°	1002.1
175°	1034.0
177.5°	1053.2
180°	1059.6

(END OF REPORT)