

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: P1002004

Luminaire Tested: **CYL-2D-30W-347V-PC_30W_Combined_4000K**

Issue Date: 6/25/2025

Test Information

Test Method: LM-79-08
Report Number: P1002004
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_30W_Combined_4000K
Description: Lumark AP Wall Cylinder at 30W Combined output with 4000K CCT settings
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3634.8 lumens
Efficiency: N/A
Efficacy: 121.6 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.38' x H: 0.1')
IES Classification: Type V - Short
BUG Rating: B2 - U5 - G0

Input Watts (W): 29.9
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.9945
Total Harmonic Distortion (THDi): 8.6
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



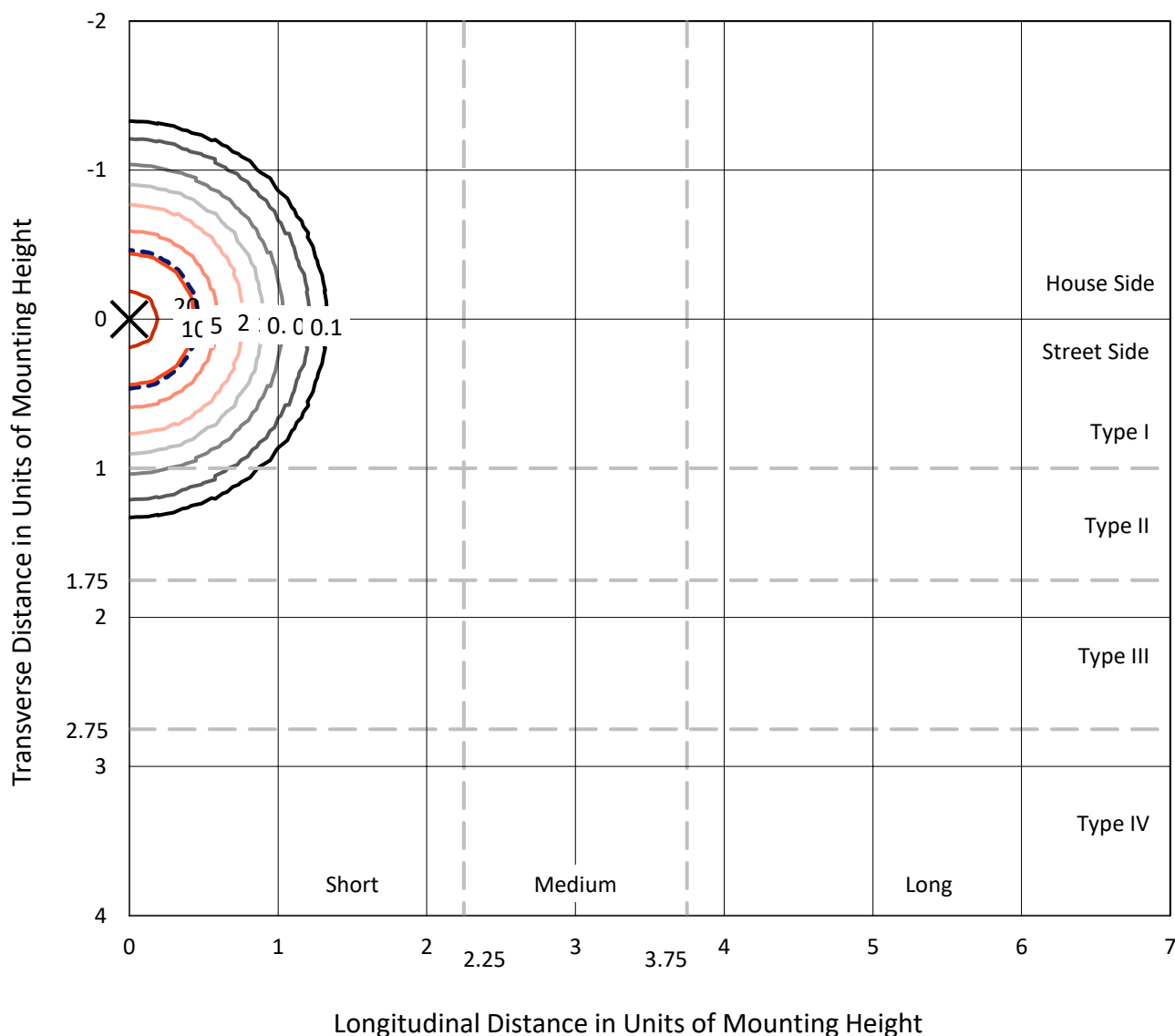
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

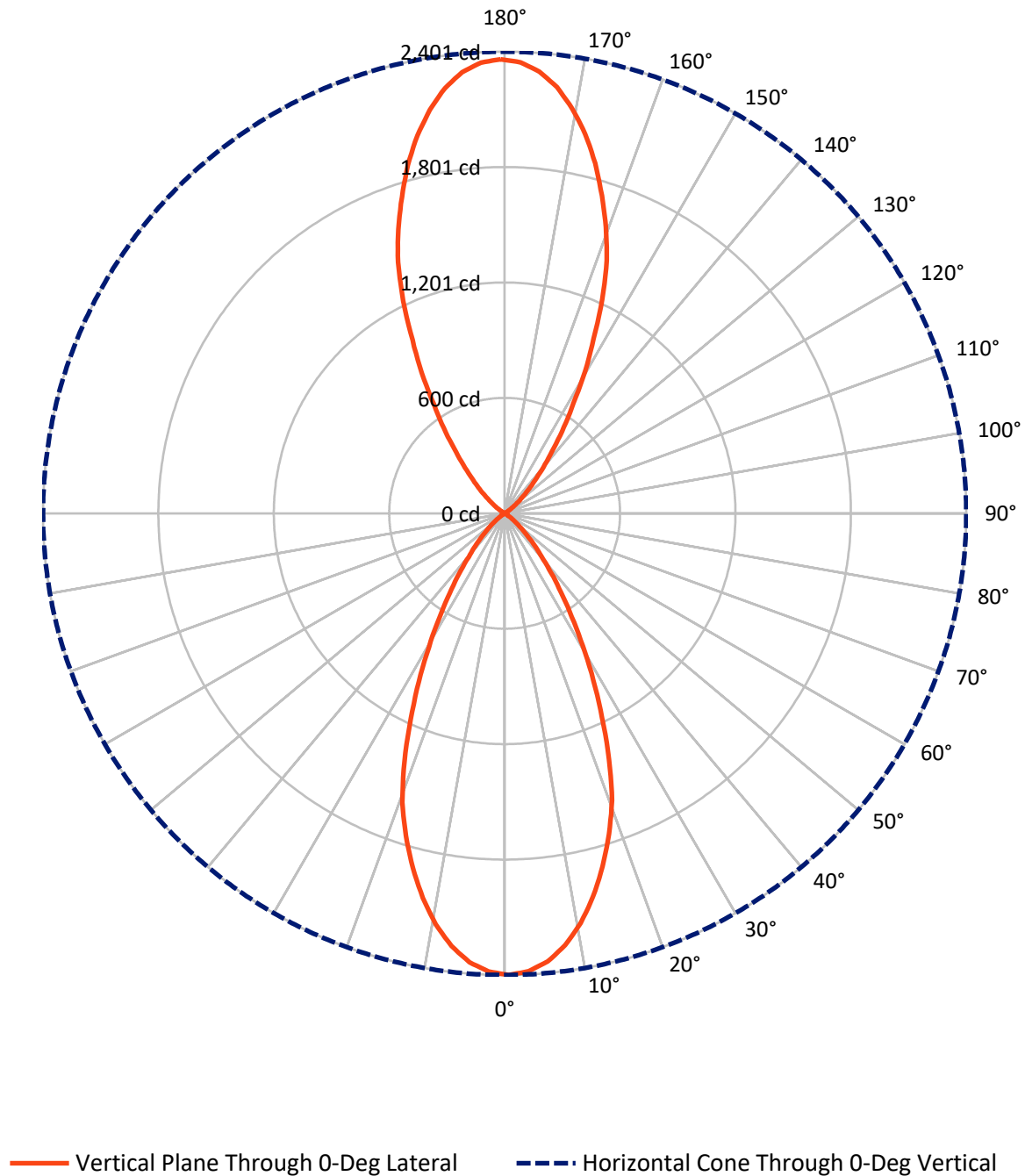


Based on 10 foot mounting height. Maximum calculated value = 24 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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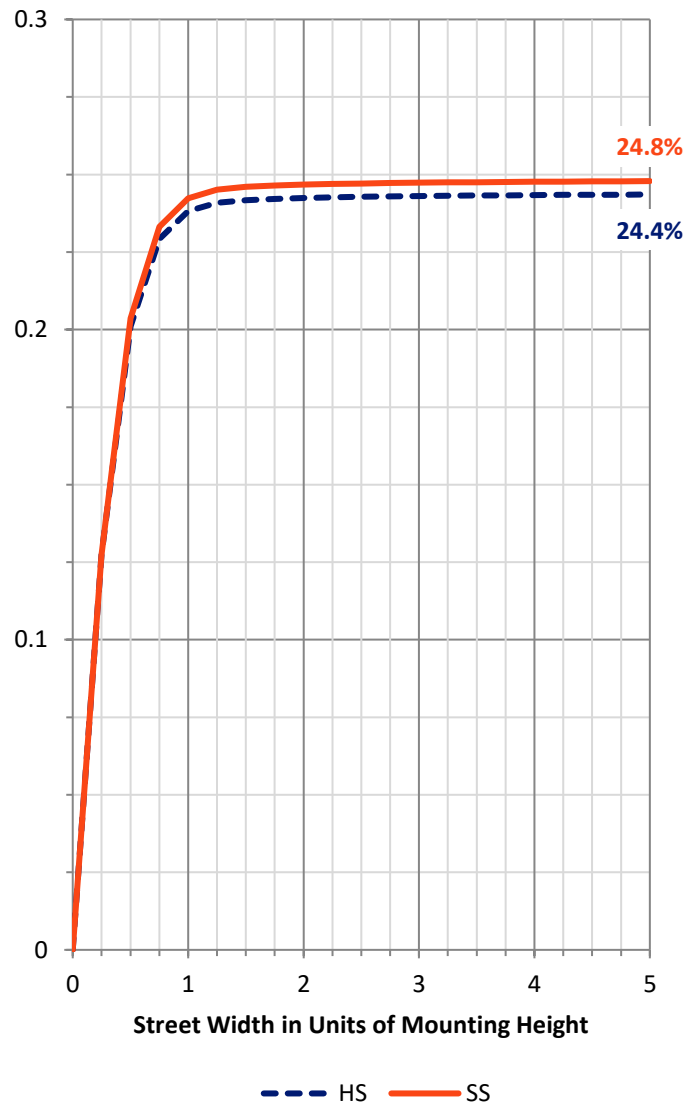
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	895.8	921.6	1817.4
	% Fixture	24.6	25.4	50.0
Street Side	Lumens	895.8	921.6	1817.4
	% Fixture	24.6	25.4	50.0
Total	Lumens	1791.6	1843.2	3634.8
	% Fixture	49.3	50.7	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	217.9	6.0
10°-20°	529.4	14.6
20°-30°	538.5	14.8
30°-40°	321.3	8.8
40°-50°	132.8	3.7
50°-60°	30.1	0.8
60°-70°	9.8	0.3
70°-80°	7.9	0.2
80°-90°	3.9	0.1
90°-100°	1.9	0.1
100°-110°	6.0	0.2
110°-120°	10.5	0.3
120°-130°	39.2	1.1
130°-140°	150.3	4.1
140°-150°	344.5	9.5
150°-160°	554.1	15.2
160°-170°	522.1	14.4
170°-180°	214.6	5.9
0°-90°	1791.6	49.3
0°-180°	3634.8	100.0



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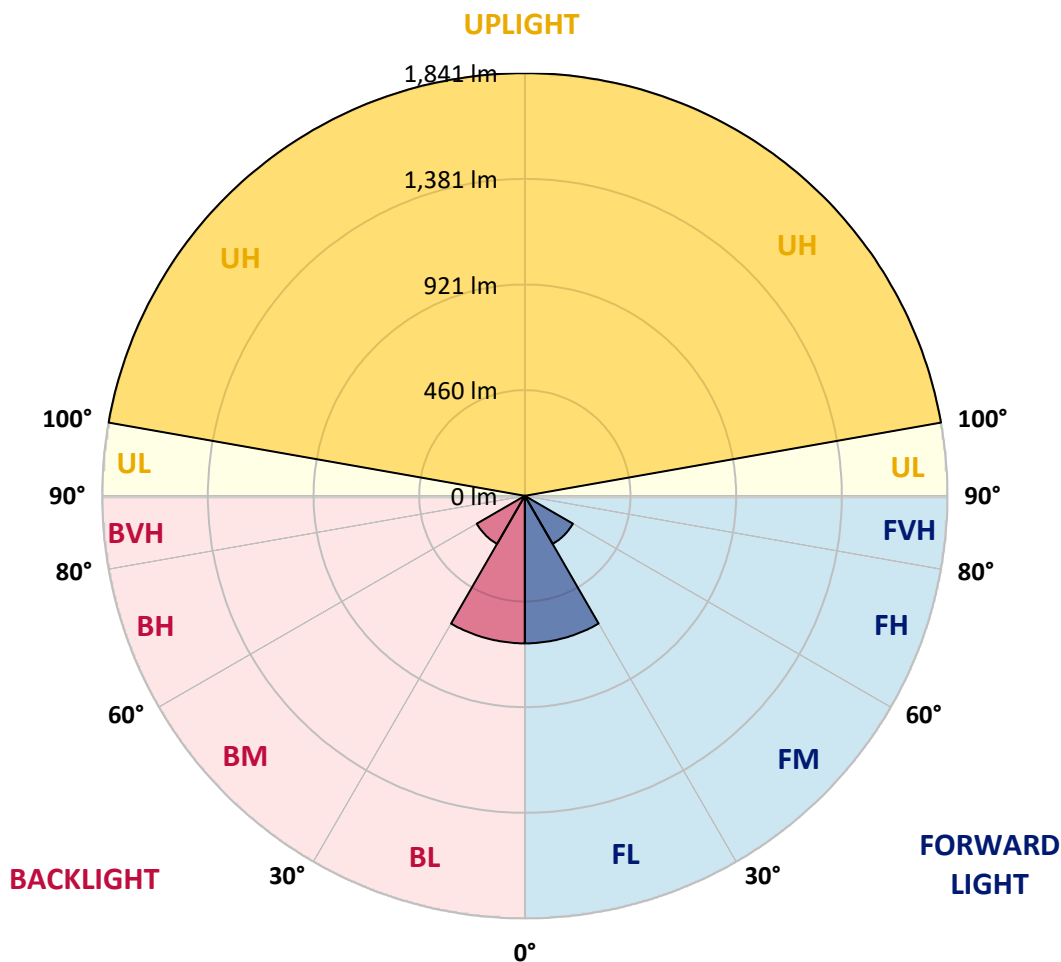
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	642.9	17.7			
FM	(30°-60°)	242.1	6.7			
FH	(60°-80°)	8.8	0.2			G0/660
FVH	(80°-90°)	1.9	0.1			G0/10
BL	(0°-30°)	642.9	17.7	B2/1000		
BM	(30°-60°)	242.1	6.7	B1/1000		
BH	(60°-80°)	8.8	0.2	B0/110		G0/660
BVH	(80°-90°)	1.9	0.1			G0/10
UL	(90°-100°)	1.9	0.1		U1/10	
UH	(100°-180°)	1841.3	50.7		U5	

BUG Rating: B2-U5-G0

Type V Short





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CANDELA DISTRIBUTION (FULL):

0°	
0°	2401.4
2.5°	2384.3
5°	2341.6
7.5°	2267.5
10°	2167.8
12.5°	2045.3
15°	1905.7
17.5°	1754.8
20°	1595.2
22.5°	1390.1
25°	1176.5
27.5°	982.8
30°	800.5
32.5°	640.9
35°	504.2
37.5°	393.1
40°	293.4
42.5°	227.9
45°	165.2
47.5°	119.6
50°	76.9
52.5°	48.4
55°	25.6
57.5°	17.1
60°	14.2
62.5°	11.4
65°	8.5
67.5°	8.5
70°	8.5
72.5°	8.5
75°	8.5
77.5°	5.7
80°	5.7
82.5°	5.7
85°	2.8
87.5°	2.8
90°	0.0
92.5°	0.0
95°	2.8
97.5°	2.8
100°	2.8
102.5°	5.7
105°	5.7
107.5°	5.7
110°	8.5



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CANDELA DISTRIBUTION (continued):

	0°
112.5°	8.5
115°	11.4
117.5°	11.4
120°	14.2
122.5°	22.8
125°	37.0
127.5°	62.7
130°	96.9
132.5°	136.7
135°	190.9
137.5°	247.8
140°	330.4
142.5°	424.4
145°	544.1
147.5°	675.1
150°	848.9
152.5°	1019.8
155°	1224.9
157.5°	1418.6
160°	1578.1
162.5°	1729.1
165°	1880.1
167.5°	2016.8
170°	2133.6
172.5°	2233.3
175°	2304.6
177.5°	2347.3
180°	2361.5

(END OF REPORT)