

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: P1002005

Luminaire Tested: **CYL-2D-30W-347V-PC_30W_Combined_5000K**

Issue Date: 6/25/2025

Test Information

Test Method: LM-79-08
Report Number: P1002005
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_5000K
Description: Lumark AP Wall Cylinder at 30W Combined output with 5000K CCT settings
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3608 lumens
Efficiency: N/A
Efficacy: 115.3 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): 31.3
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.9948
Total Harmonic Distortion (THDi): 8.2
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



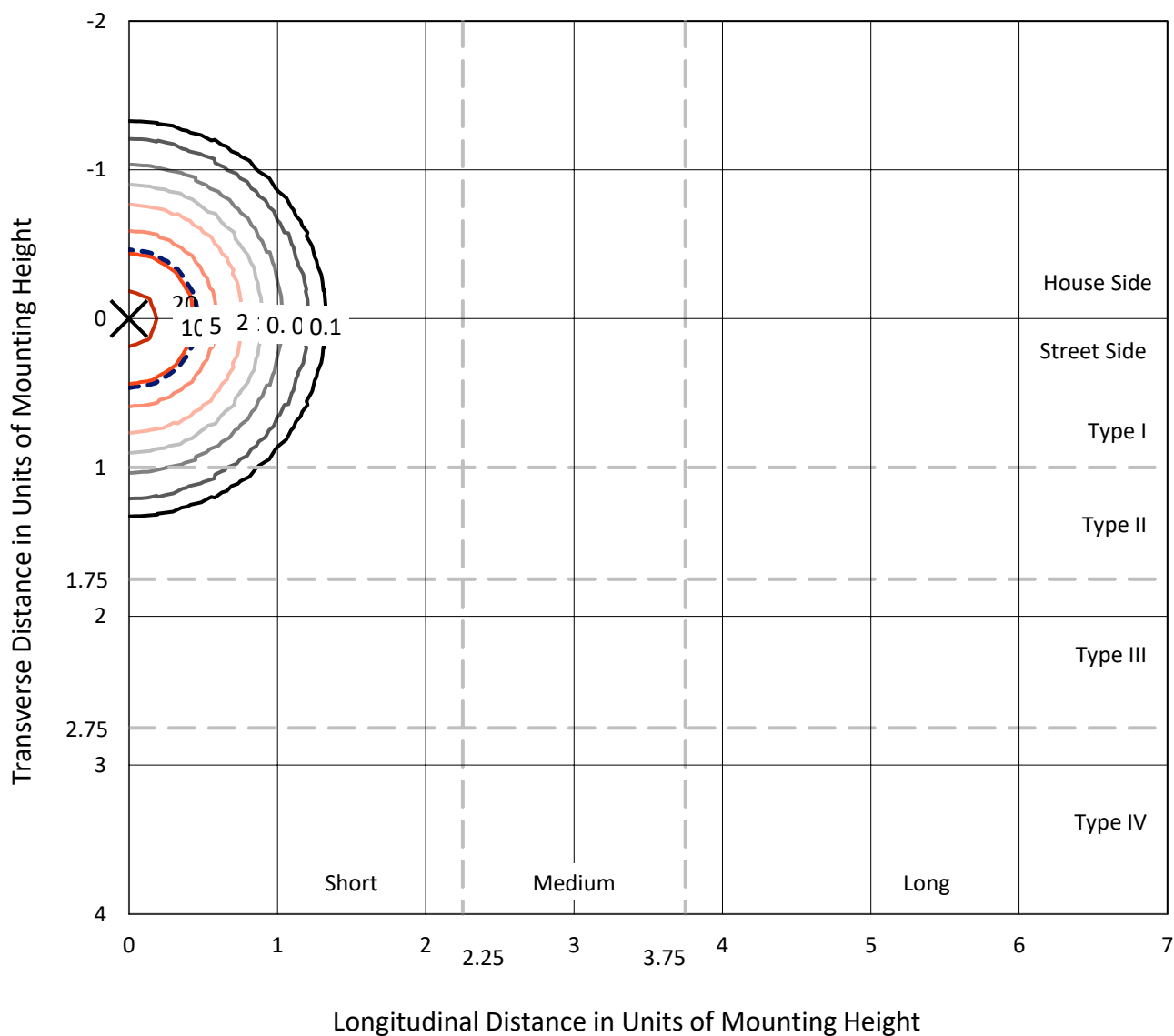
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

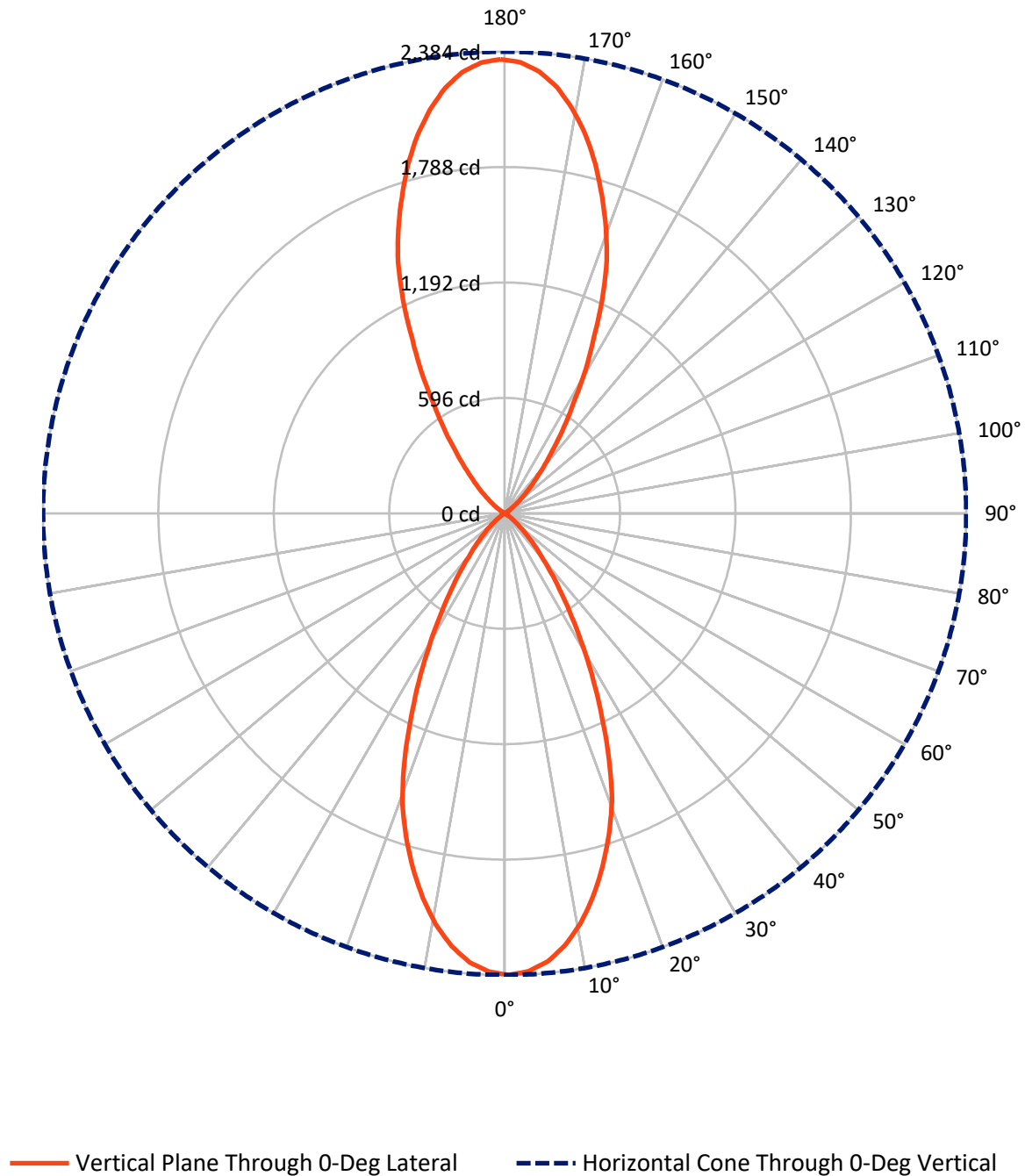


Based on 10 foot mounting height. Maximum calculated value = 23.8 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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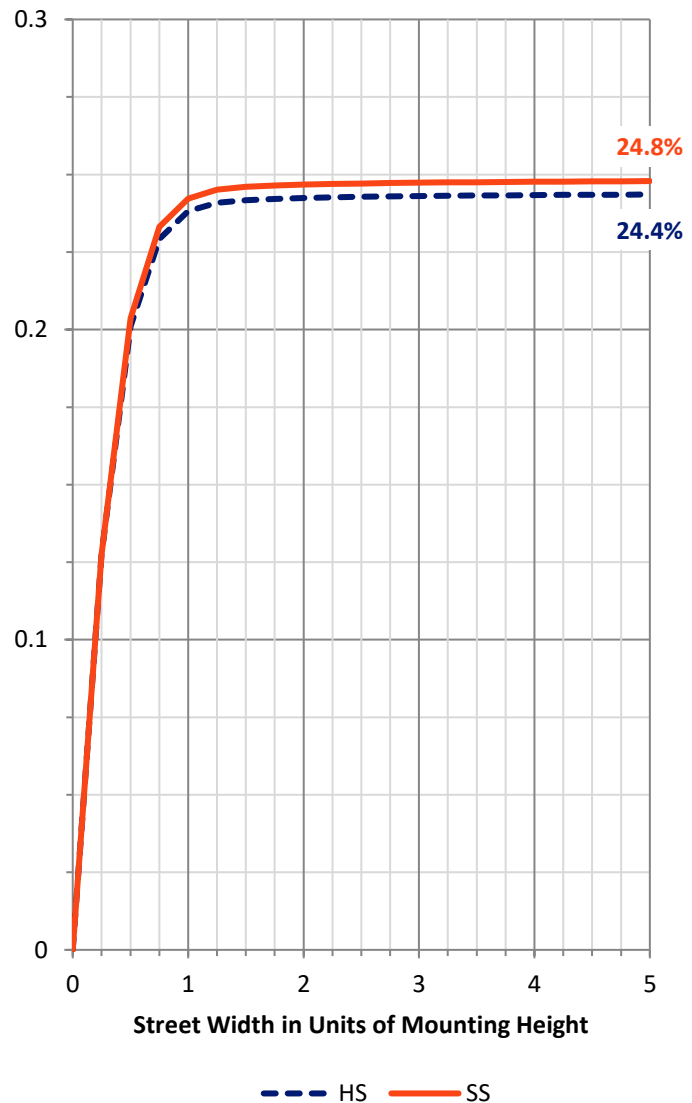
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	889.2	914.8	1804.0
	% Fixture	24.6	25.4	50.0
Street Side	Lumens	889.2	914.8	1804.0
	% Fixture	24.6	25.4	50.0
Total	Lumens	1778.4	1829.6	3608.0
	% Fixture	49.3	50.7	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	216.3	6.0
10°-20°	525.4	14.6
20°-30°	534.5	14.8
30°-40°	318.9	8.8
40°-50°	131.9	3.7
50°-60°	29.9	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°	38.9	1.1
130°-140°	149.2	4.1
140°-150°	341.9	9.5
150°-160°	550.0	15.2
160°-170°	518.2	14.4
170°-180°	213.0	5.9
0°-90°	1778.4	49.3
0°-180°	3608.0	100.0



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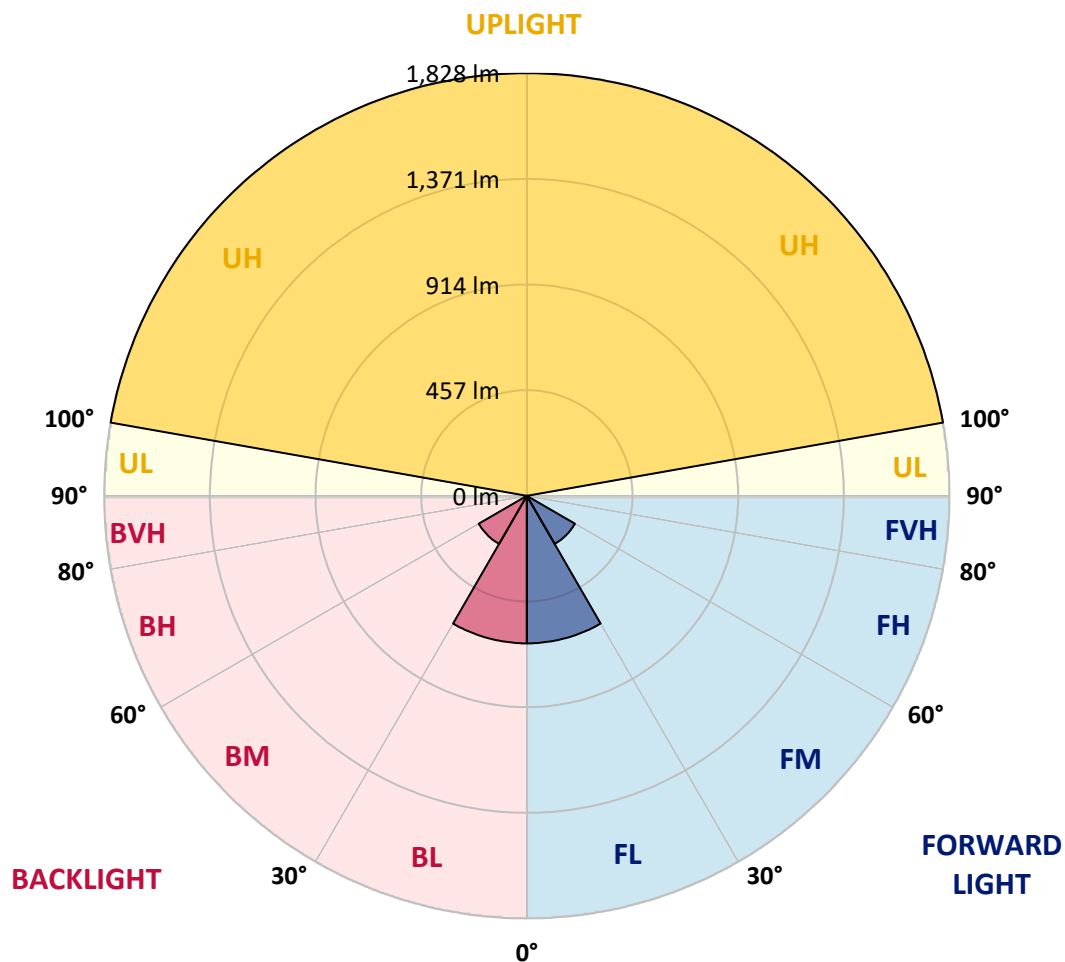
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	638.1	17.7			
FM	(30°-60°)	240.3	6.7			
FH	(60°-80°)	8.8	0.2			G0/660
FVH	(80°-90°)	1.9	0.1			G0/10
BL	(0°-30°)	638.1	17.7	B2/1000		
BM	(30°-60°)	240.3	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°)	1827.7	50.7		U5	

BUG Rating: B2-U5-G0

Type V Short





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CANDELA DISTRIBUTION (FULL):

0°	
0°	2383.6
2.5°	2366.6
5°	2324.2
7.5°	2250.7
10°	2151.7
12.5°	2030.1
15°	1891.6
17.5°	1741.7
20°	1583.4
22.5°	1379.8
25°	1167.8
27.5°	975.5
30°	794.5
32.5°	636.2
35°	500.5
37.5°	390.2
40°	291.2
42.5°	226.2
45°	164.0
47.5°	118.8
50°	76.3
52.5°	48.1
55°	25.4
57.5°	17.0
60°	14.1
62.5°	11.3
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°	11.3
117.5°	11.3
120°	14.1
122.5°	22.6
125°	36.8
127.5°	62.2
130°	96.1
132.5°	135.7
135°	189.4
137.5°	246.0
140°	328.0
142.5°	421.3
145°	540.0
147.5°	670.1
150°	842.6
152.5°	1012.2
155°	1215.8
157.5°	1408.1
160°	1566.4
162.5°	1716.3
165°	1866.1
167.5°	2001.9
170°	2117.8
172.5°	2216.7
175°	2287.4
177.5°	2329.8
180°	2344.0

(END OF REPORT)