

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: P1002003

Luminaire Tested: **CYL-2D-30W-347V-PC_30W_Combined_3000K**

Issue Date: 6/25/2025

Test Information

Test Method: LM-79-08
Report Number: P1002003
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_3000K
Description: Lumark AP Wall Cylinder at 30W Combined output with 3000K CCT settings
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3395 lumens
Efficiency: N/A
Efficacy: 108.5 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: 0.9945
Total Harmonic Distortion (THDi): 8.3
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



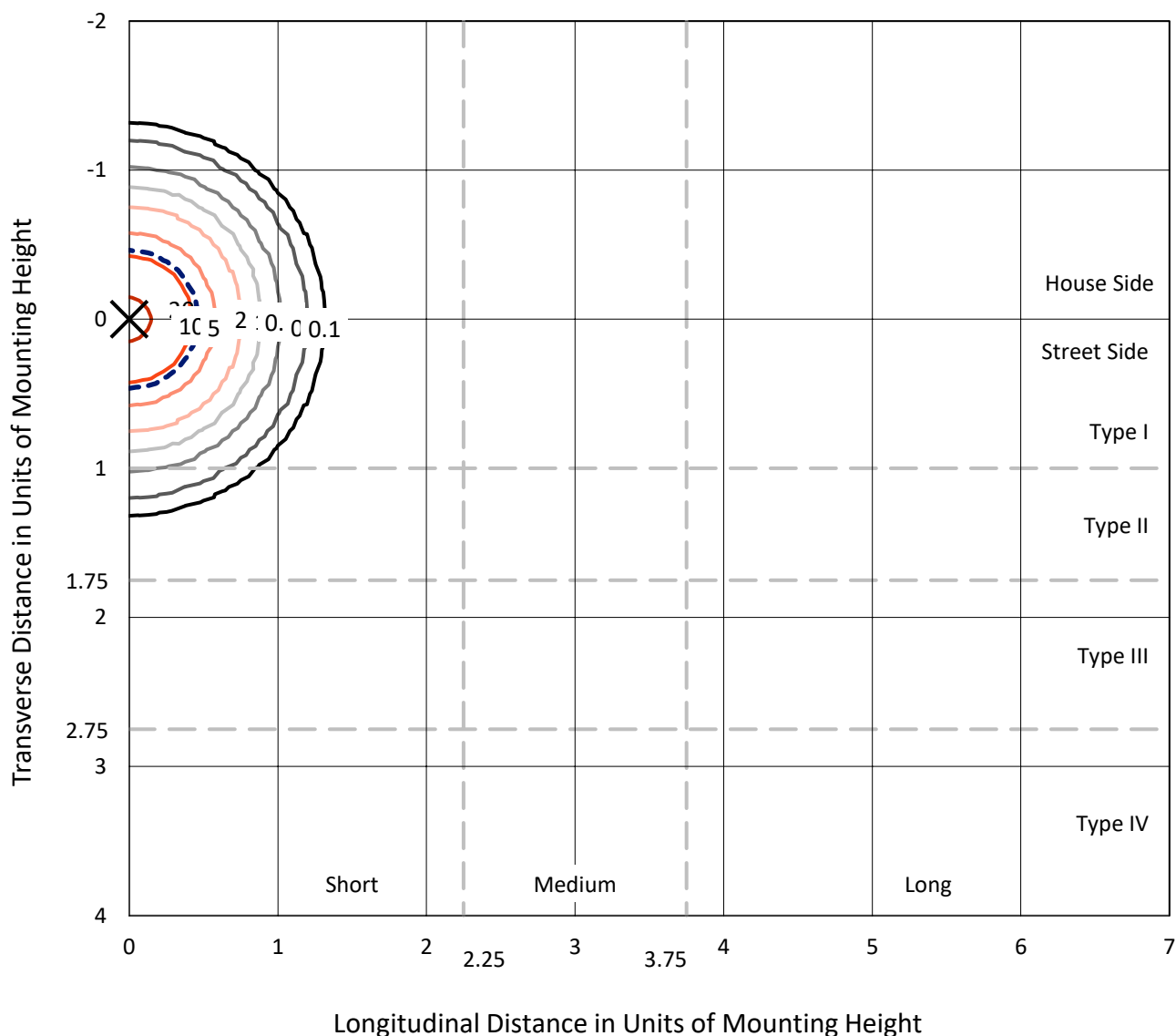
REPORT NUMBER: P1002003

CATALOG NUMBER: CYL-2D-30W-347V-PC_30W_Combined_3000K

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

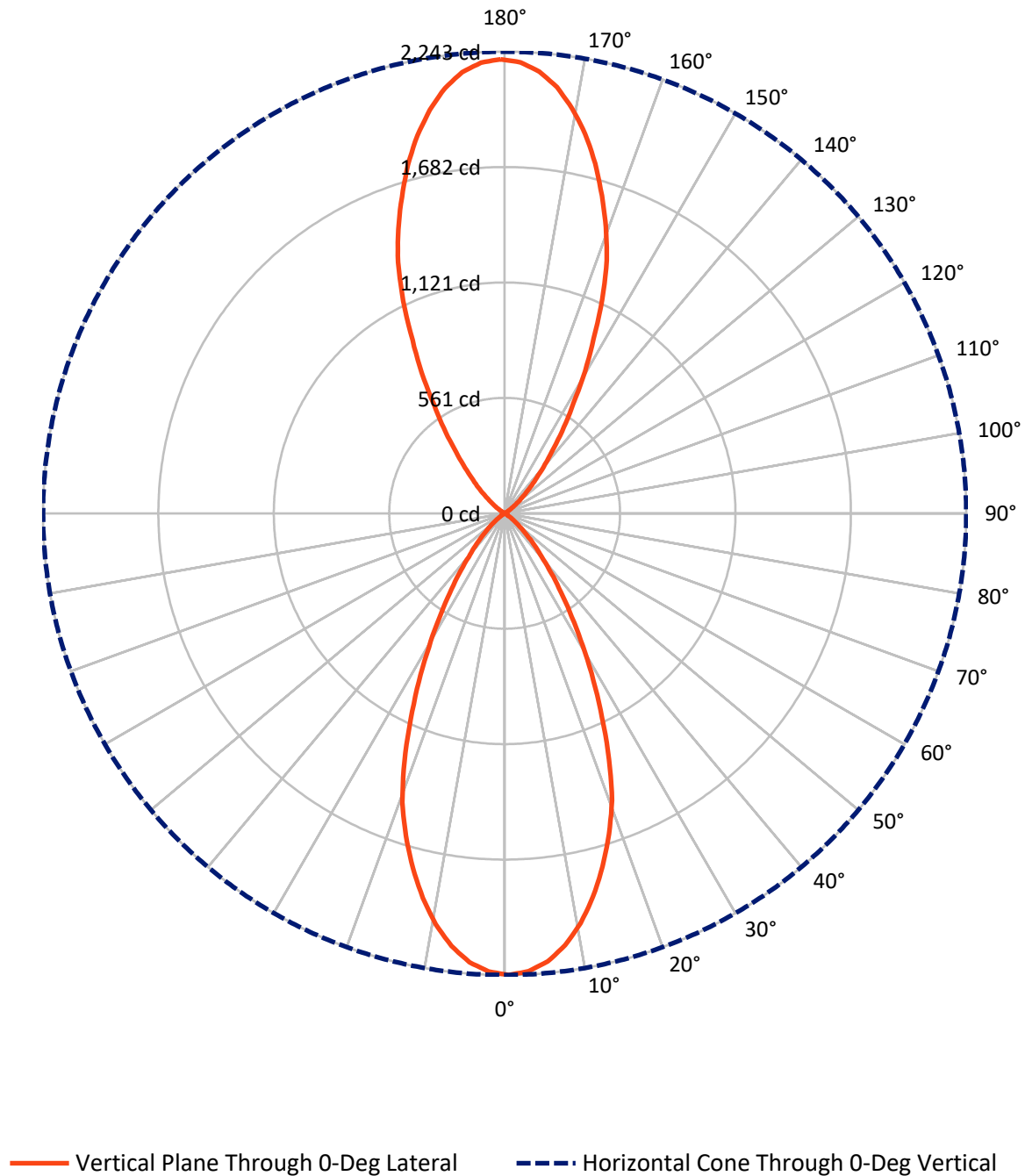


Based on 10 foot mounting height. Maximum calculated value = 22.4 fc

Type V - Short - N/A

REPORT NUMBER: P1002003
CATALOG NUMBER: CYL-2D-30W-347V-PC_30W_Combined_3000K

Luminous Intensity Polar Plot



REPORT NUMBER: P1002003

CATALOG NUMBER: CYL-2D-30W-347V-PC_30W_Combined_3000K

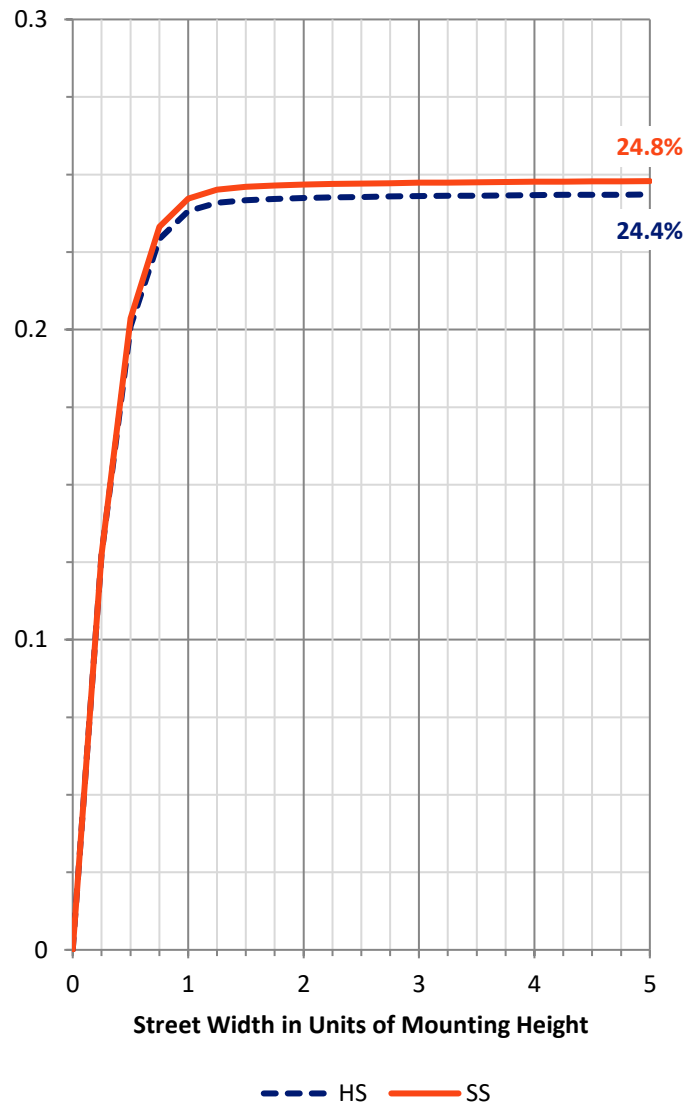
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	836.7	860.8	1697.5
	% Fixture	24.6	25.4	50.0
Street Side	Lumens	836.7	860.8	1697.5
	% Fixture	24.6	25.4	50.0
Total	Lumens	1673.4	1721.6	3395.0
	% Fixture	49.3	50.7	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	203.5	6.0
10°-20°	494.4	14.6
20°-30°	502.9	14.8
30°-40°	300.1	8.8
40°-50°	124.0	3.7
50°-60°	28.1	0.8
60°-70°	9.2	0.3
70°-80°	7.4	0.2
80°-90°	3.6	0.1
90°-100°	1.8	0.1
100°-110°	5.6	0.2
110°-120°	9.9	0.3
120°-130°	36.6	1.1
130°-140°	140.4	4.1
140°-150°	321.7	9.5
150°-160°	517.5	15.2
160°-170°	487.6	14.4
170°-180°	200.4	5.9
0°-90°	1673.4	49.3
0°-180°	3395.0	100.0



REPORT NUMBER: P1002003

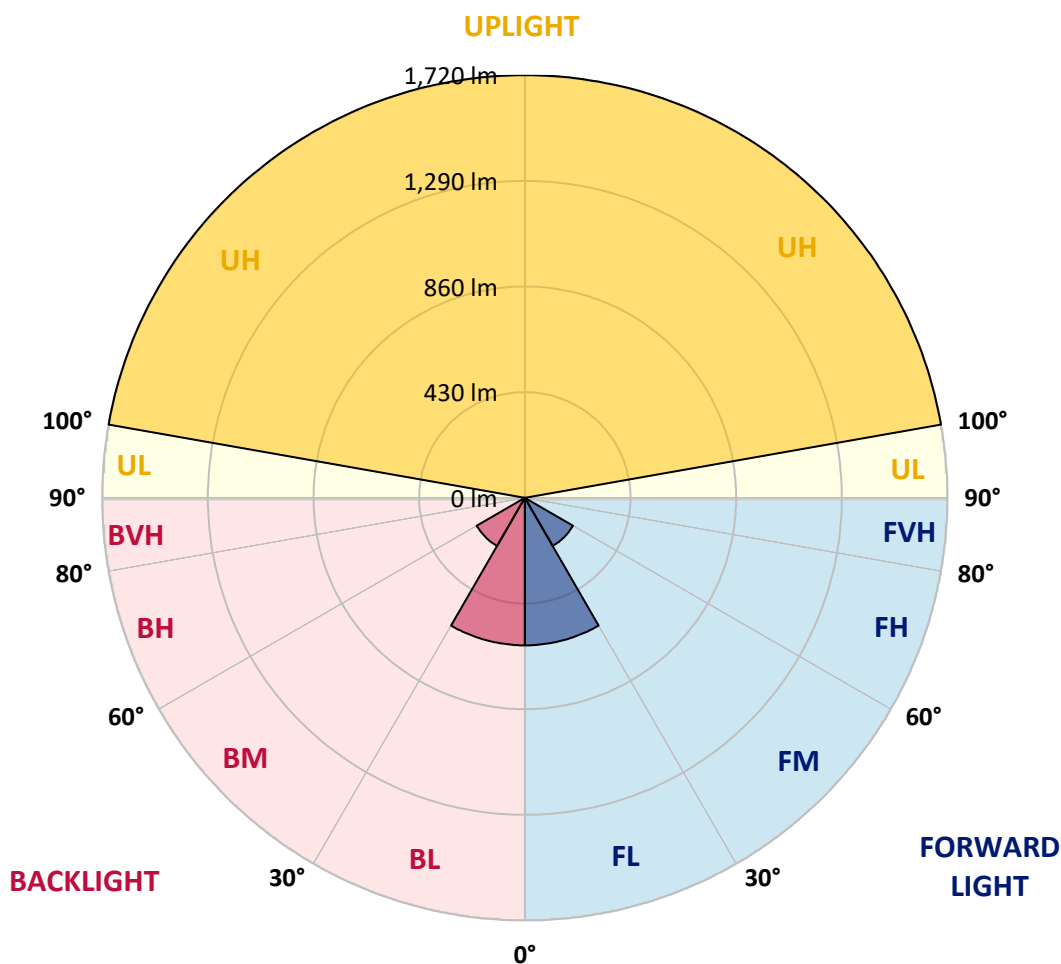
CATALOG NUMBER: CYL-2D-30W-347V-PC_30W_Combined_3000K

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	600.4	17.7			
FM	(30°-60°)	226.1	6.7			
FH	(60°-80°)	8.3	0.2			G0/660
FVH	(80°-90°)	1.8	0.1			G0/10
BL	(0°-30°)	600.4	17.7	B2/1000		
BM	(30°-60°)	226.1	6.7	B1/1000		
BH	(60°-80°)	8.3	0.2	B0/110		G0/660
BVH	(80°-90°)	1.8	0.1			G0/10
UL	(90°-100°)	1.8	0.1		U1/10	
UH	(100°-180°)	1719.8	50.7		U5	

BUG Rating: B2-U5-G0

Type V Short





REPORT NUMBER: P1002003

CATALOG NUMBER: CYL-2D-30W-347V-PC_30W_Combined_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	2242.9
2.5°	2226.9
5°	2187.0
7.5°	2117.8
10°	2024.7
12.5°	1910.3
15°	1779.9
17.5°	1638.9
20°	1489.9
22.5°	1298.4
25°	1098.8
27.5°	917.9
30°	747.6
32.5°	598.6
35°	470.9
37.5°	367.2
40°	274.0
42.5°	212.8
45°	154.3
47.5°	111.7
50°	71.8
52.5°	45.2
55°	23.9
57.5°	16.0
60°	13.3
62.5°	10.6
65°	8.0
67.5°	8.0
70°	8.0
72.5°	8.0
75°	8.0
77.5°	5.3
80°	5.3
82.5°	5.3
85°	2.7
87.5°	2.7
90°	0.0
92.5°	0.0
95°	2.7
97.5°	2.7
100°	2.7
102.5°	5.3
105°	5.3
107.5°	5.3
110°	8.0



REPORT NUMBER: P1002003
CATALOG NUMBER: CYL-2D-30W-347V-PC_30W_Combined_3000K

CANDELA DISTRIBUTION (continued):

	0°
112.5°	8.0
115°	10.6
117.5°	10.6
120°	13.3
122.5°	21.3
125°	34.6
127.5°	58.5
130°	90.5
132.5°	127.7
135°	178.3
137.5°	231.5
140°	308.6
142.5°	396.4
145°	508.2
147.5°	630.6
150°	792.8
152.5°	952.5
155°	1144.0
157.5°	1325.0
160°	1474.0
162.5°	1615.0
165°	1756.0
167.5°	1883.7
170°	1992.8
172.5°	2085.9
175°	2152.4
177.5°	2192.3
180°	2205.6

(END OF REPORT)