

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: P1001996

Luminaire Tested: **CYL-2D-30W-347V-PC_15W_Combined_5000K**

Issue Date: 6/25/2025

Test Information

Test Method: LM-79-08
Report Number: P1001996
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_5000K
Description: Lumark AP Wall Cylinder at 15W Combined output with 5000K CCT settings
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1727.1 lumens
Efficiency: N/A
Efficacy: 109.3 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.38' x H: 0.1')
IES Classification: Type V - Short
BUG Rating: B1 - U4 - G0

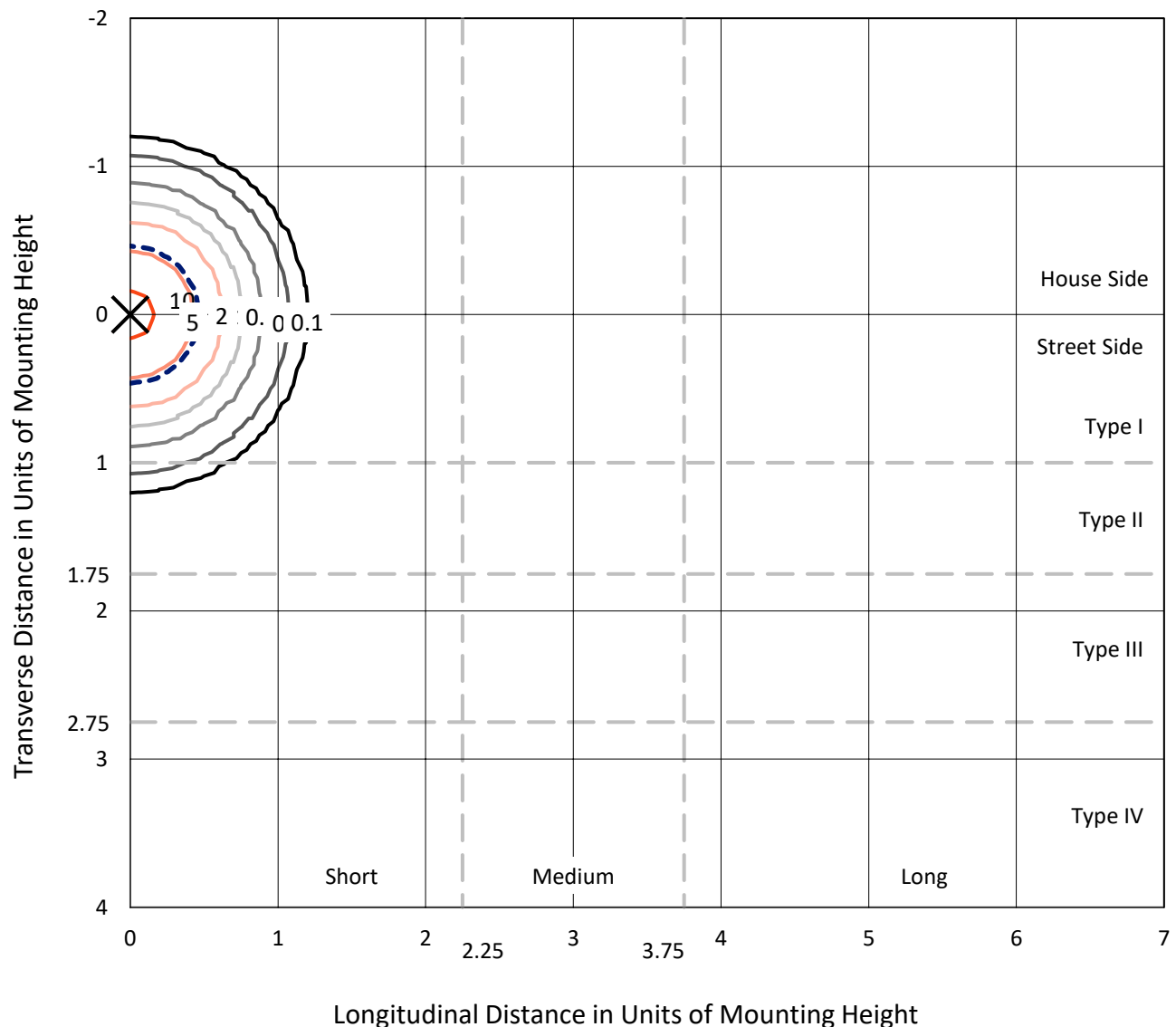
Input Watts (W): 15.8
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.986
Total Harmonic Distortion (THDi): 8.2
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P1001996
 CATALOG NUMBER: CYL-2D-30W-347V-PC_15W_Combined_5000K

Iso-Footcandle Lines of Horizontal Illumination

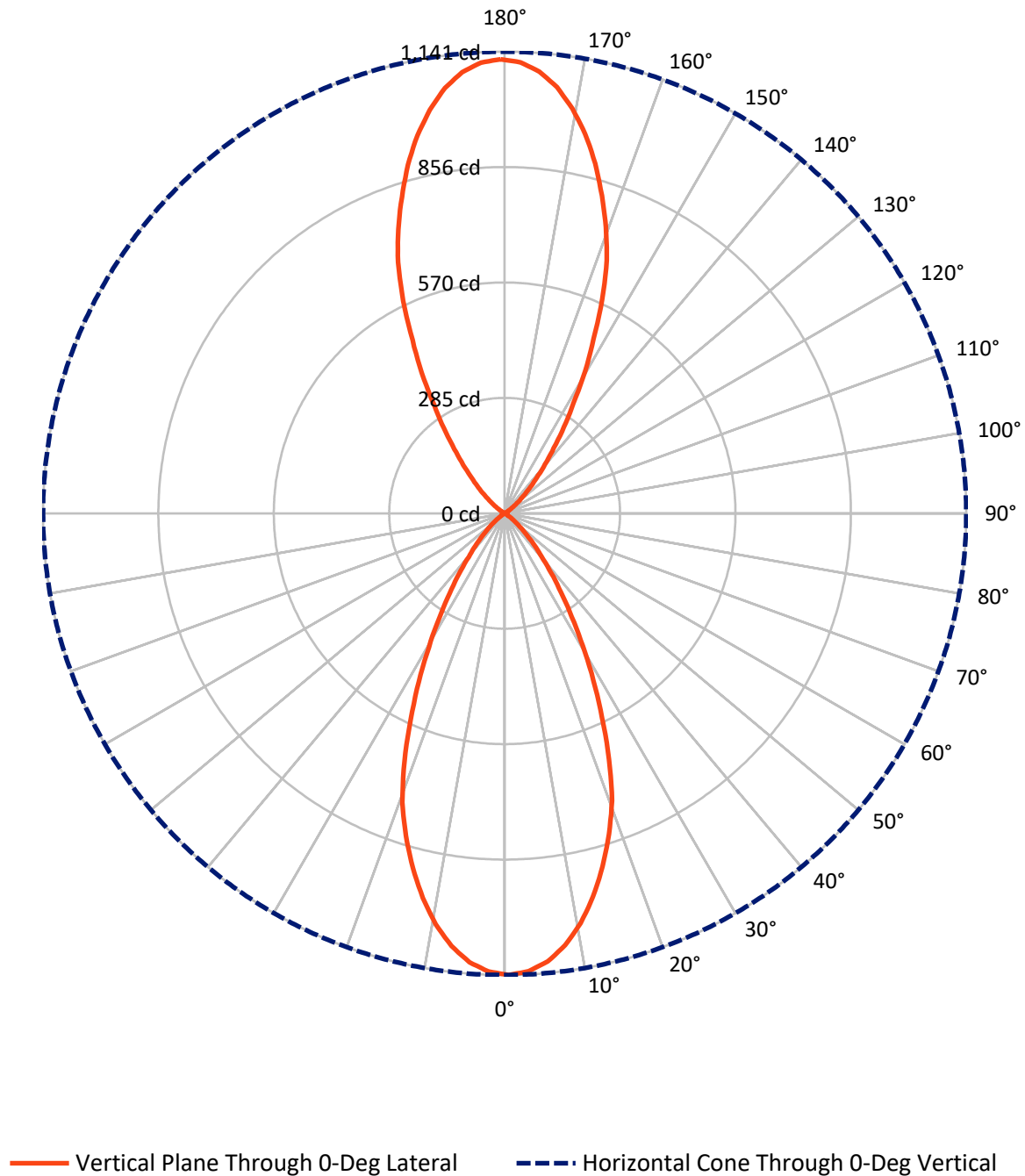
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 11.4 fc
 Type V - Short - N/A

REPORT NUMBER: P1001996
CATALOG NUMBER: CYL-2D-30W-347V-PC_15W_Combined_5000K

Luminous Intensity Polar Plot



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CATALOG NUMBER: CYL-2D-30W-347V-PC_15W_Combined_5000K

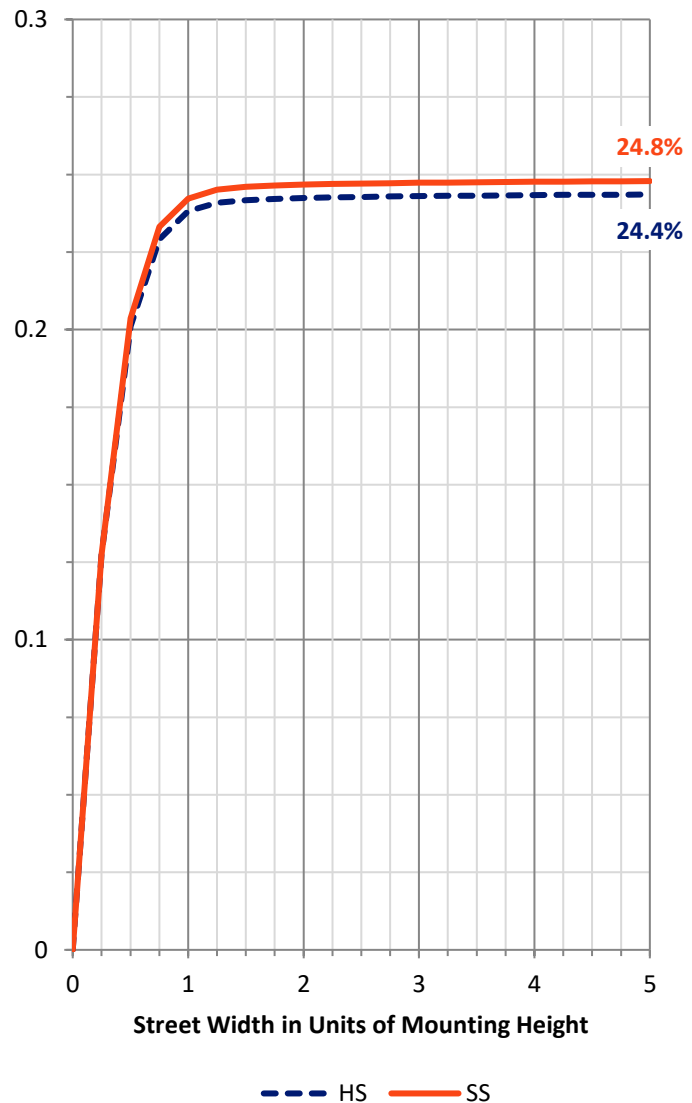
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	425.7	437.9	863.6
	% Fixture	24.6	25.4	50.0
Street Side	Lumens	425.7	437.9	863.6
	% Fixture	24.6	25.4	50.0
Total	Lumens	851.3	875.8	1727.1
	% Fixture	49.3	50.7	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	103.5	6.0
10°-20°	251.5	14.6
20°-30°	255.8	14.8
30°-40°	152.7	8.8
40°-50°	63.1	3.7
50°-60°	14.3	0.8
60°-70°	4.7	0.3
70°-80°	3.8	0.2
80°-90°	1.9	0.1
90°-100°	1.0	0.1
100°-110°	2.9	0.2
110°-120°	5.0	0.3
120°-130°	18.6	1.1
130°-140°	71.4	4.1
140°-150°	163.7	9.5
150°-160°	263.3	15.2
160°-170°	248.0	14.4
170°-180°	101.9	5.9
0°-90°	851.3	49.3
0°-180°	1727.1	100.0



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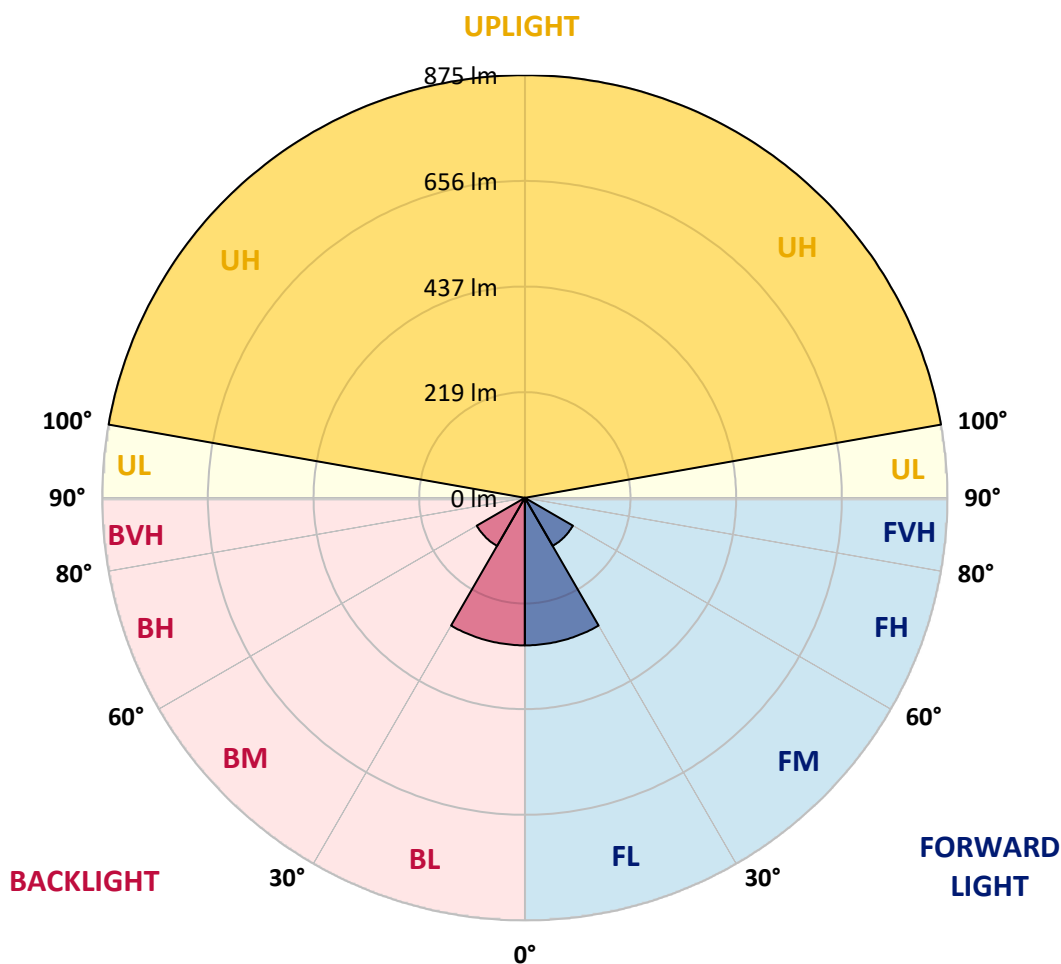
CATALOG NUMBER: CYL-2D-30W-347V-PC_15W_Combined_5000K

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	305.4	17.7			
FM	(30°-60°)	115.0	6.7			
FH	(60°-80°)	4.2	0.2			G0/660
FVH	(80°-90°)	0.9	0.1			G0/10
BL	(0°-30°)	305.4	17.7	B1/500		
BM	(30°-60°)	115.0	6.7	B0/220		
BH	(60°-80°)	4.2	0.2	B0/110		G0/660
BVH	(80°-90°)	0.9	0.1			G0/10
UL	(90°-100°)	1.0	0.1		U1/10	
UH	(100°-180°)	874.9	50.7		U4/1000	

BUG Rating: B1-U4-G0

Type V Short





REPORT NUMBER: P1001996

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1140.9
2.5°	1132.8
5°	1112.5
7.5°	1077.3
10°	1029.9
12.5°	971.7
15°	905.4
17.5°	833.7
20°	757.9
22.5°	660.5
25°	559.0
27.5°	466.9
30°	380.3
32.5°	304.5
35°	239.6
37.5°	186.8
40°	139.4
42.5°	108.3
45°	78.5
47.5°	56.8
50°	36.5
52.5°	23.0
55°	12.2
57.5°	8.1
60°	6.8
62.5°	5.4
65°	4.1
67.5°	4.1
70°	4.1
72.5°	4.1
75°	4.1
77.5°	2.7
80°	2.7
82.5°	2.7
85°	1.4
87.5°	1.4
90°	0.0
92.5°	0.0
95°	1.4
97.5°	1.4
100°	1.4
102.5°	2.7
105°	2.7
107.5°	2.7
110°	4.1



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CATALOG NUMBER: CYL-2D-30W-347V-PC_15W_Combined_5000K

CANDELA DISTRIBUTION (continued):

	0°
112.5°	4.1
115°	5.4
117.5°	5.4
120°	6.8
122.5°	10.8
125°	17.6
127.5°	29.8
130°	46.0
132.5°	65.0
135°	90.7
137.5°	117.7
140°	157.0
142.5°	201.7
145°	258.5
147.5°	320.8
150°	403.3
152.5°	484.5
155°	582.0
157.5°	674.0
160°	749.8
162.5°	821.5
165°	893.2
167.5°	958.2
170°	1013.7
172.5°	1061.1
175°	1094.9
177.5°	1115.2
180°	1122.0

(END OF REPORT)