

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: P1001998

Luminaire Tested: **CYL-2D-30W-347V-PC_15W_Downlight_4000K**

Issue Date: 6/25/2025

Test Information

Test Method: LM-79-08
Report Number: P1001998
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2504-411-3dn)
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_Downlight_4000K
Description: Lumark AP Wall Cylinder at 15W Downlight output with 4000K CCT settings
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1829 lumens
Efficiency: N/A
Efficacy: 121.1 lumens/watt
Luminous Opening: Circular (Dia: 0.38' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G0

Input Watts (W): 15.1
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.9866
Total Harmonic Distortion (THDi): 10.5
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



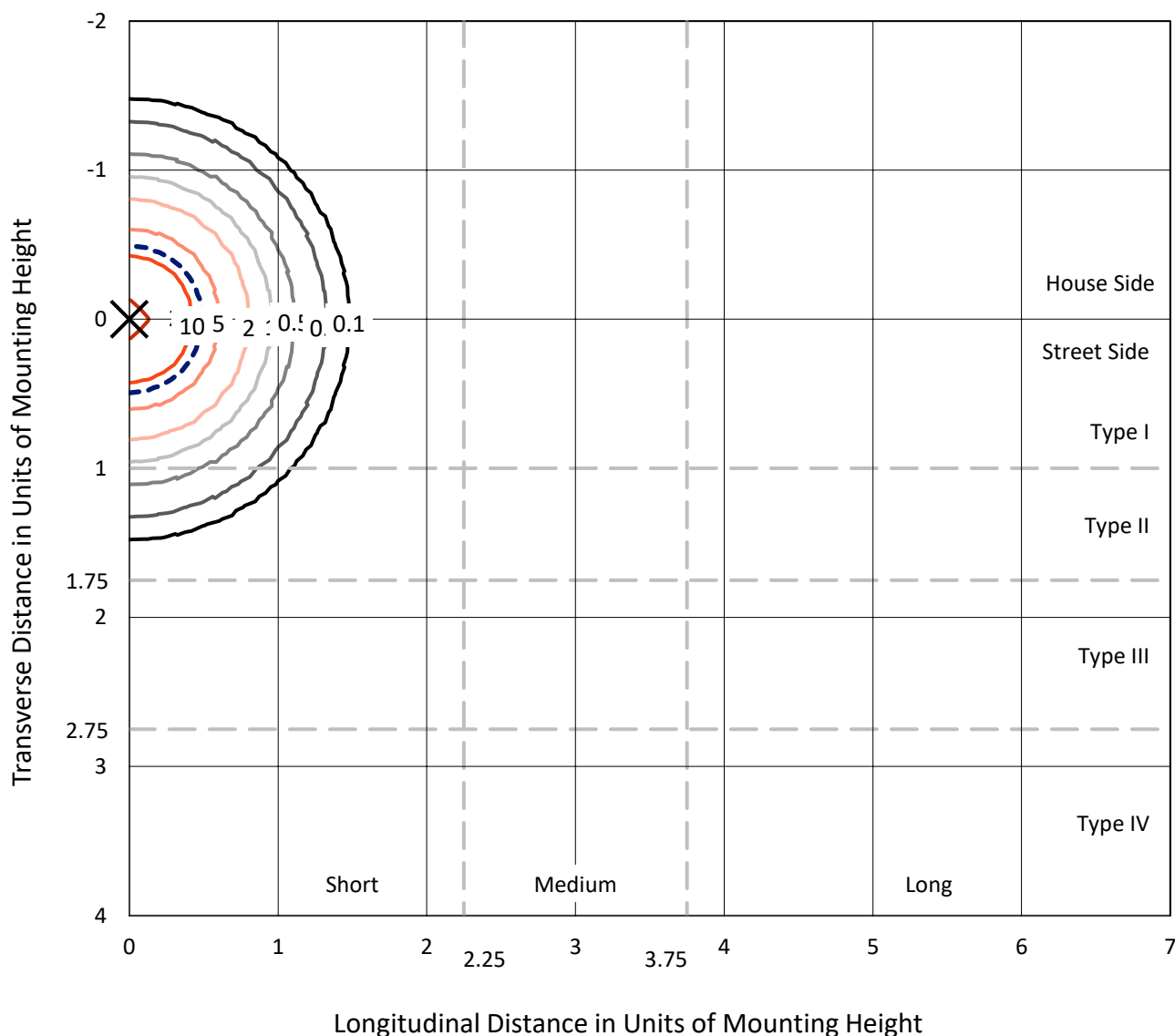
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

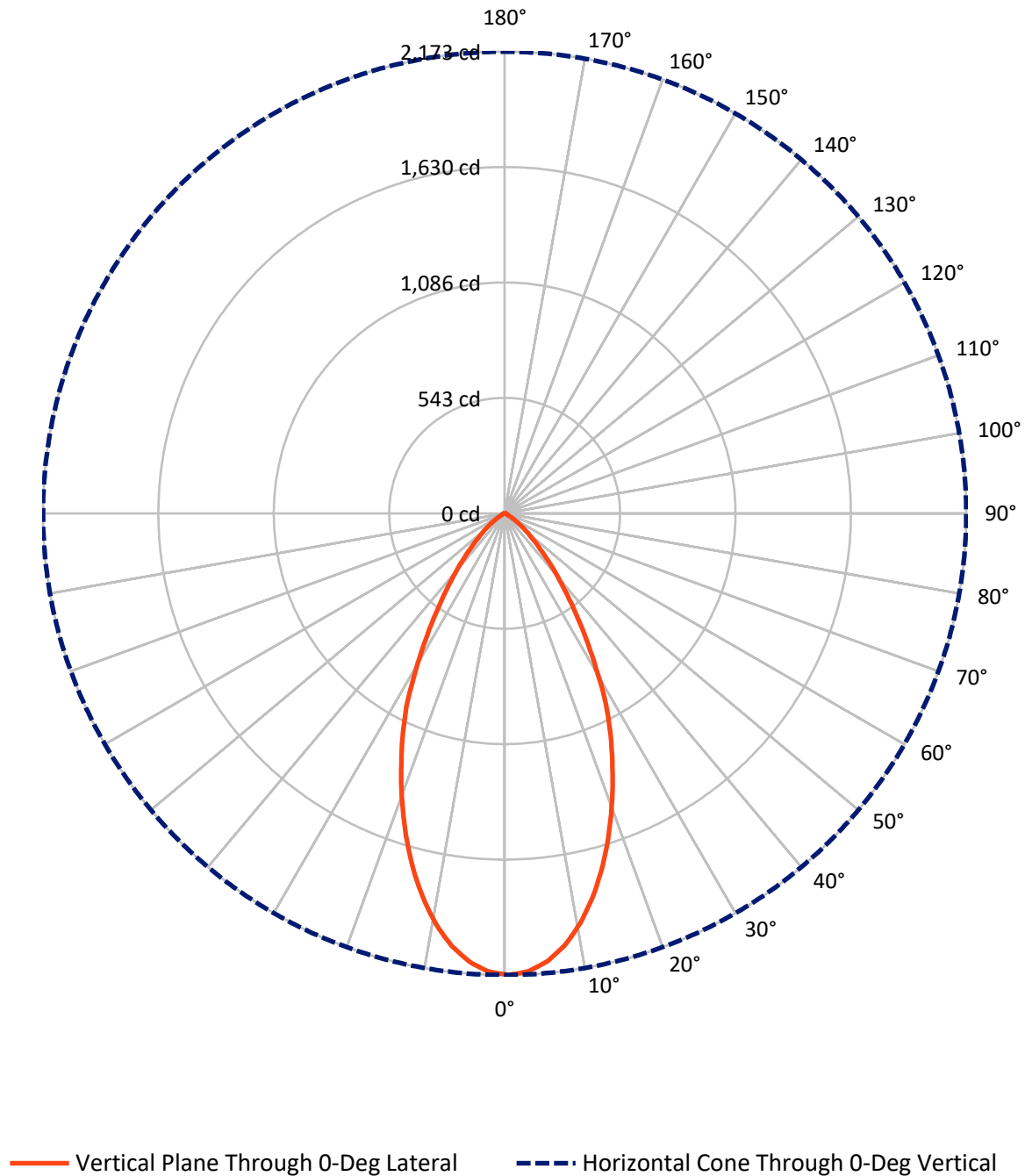


Based on 10 foot mounting height. Maximum calculated value = 21.7 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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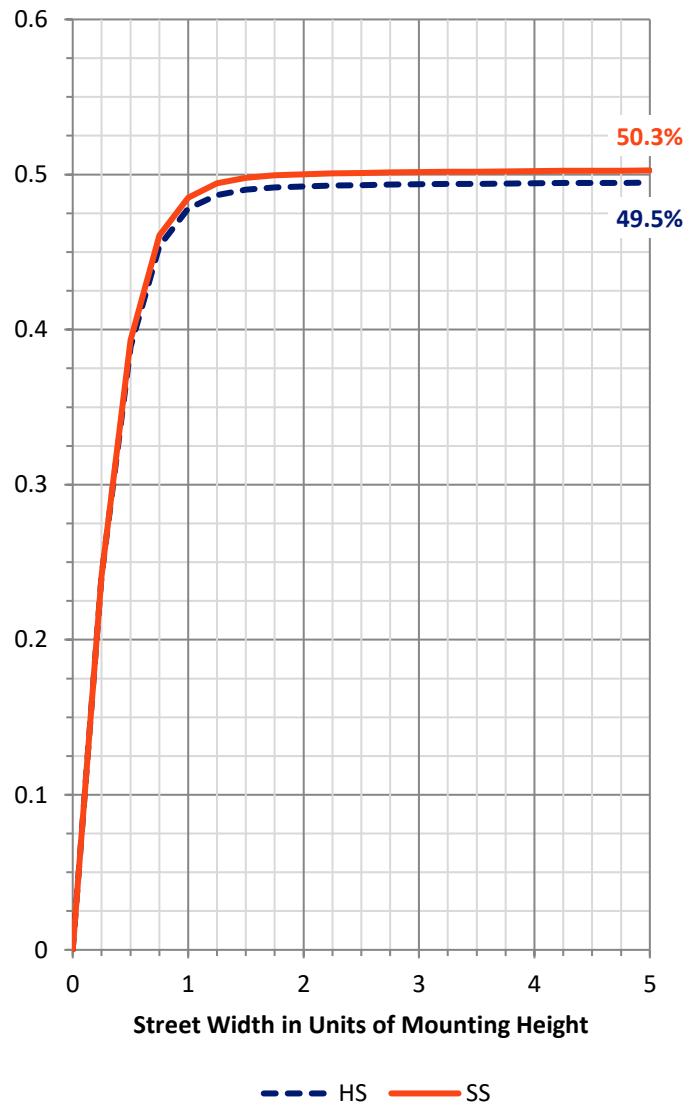
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	914.5	0.0	914.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	914.5	0.0	914.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	1829.0	0.0	1829.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	197.1	10.8
10°-20°	478.7	26.2
20°-30°	526.6	28.8
30°-40°	362.1	19.8
40°-50°	177.2	9.7
50°-60°	61.4	3.4
60°-70°	14.2	0.8
70°-80°	7.9	0.4
80°-90°	3.8	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	1829.0	100.0
0°-180°	1829.0	100.0



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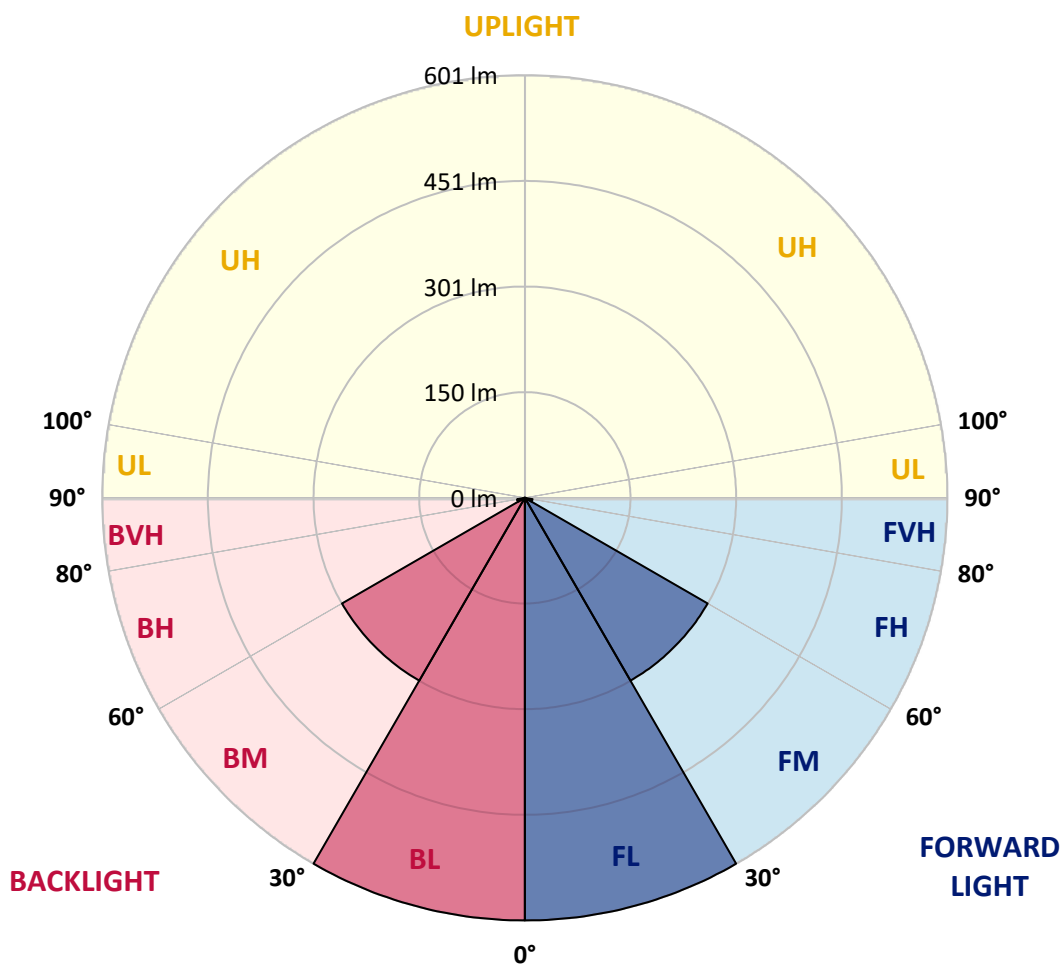
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	601.2	32.9			
FM	(30°-60°)	300.4	16.4			
FH	(60°-80°)	11.1	0.6			G0/660
FVH	(80°-90°)	1.9	0.1			G0/10
BL	(0°-30°)	601.2	32.9	B2/1000		
BM	(30°-60°)	300.4	16.4	B1/1000		
BH	(60°-80°)	11.1	0.6	B0/110		G0/660
BVH	(80°-90°)	1.9	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G0

Type V Short





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CANDELA DISTRIBUTION (FULL):

0°	
0°	2172.7
2.5°	2158.0
5°	2116.7
7.5°	2050.1
10°	1959.5
12.5°	1849.0
15°	1723.8
17.5°	1586.6
20°	1444.0
22.5°	1298.8
25°	1157.6
27.5°	1016.4
30°	848.6
32.5°	702.0
35°	572.8
37.5°	459.6
40°	369.0
42.5°	287.7
45°	222.5
47.5°	167.8
50°	131.9
52.5°	93.2
55°	62.6
57.5°	42.6
60°	26.6
62.5°	14.7
65°	12.0
67.5°	12.0
70°	10.7
72.5°	8.0
75°	6.7
77.5°	6.7
80°	6.7
82.5°	5.3
85°	4.0
87.5°	1.3
90°	0.0

(END OF REPORT)