

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: P1001997

Luminaire Tested: **CYL-2D-30W-347V-PC_15W_Downlight_3000K**

Issue Date: 6/25/2025

Test Information

Test Method: LM-79-08
Report Number: P1001997
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_3000K
Description: Lumark AP Wall Cylinder at 15W Downlight output with 3000K CCT settings
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1682 lumens
Efficiency: N/A
Efficacy: 107.1 lumens/watt
Luminous Opening: Circular (Dia: 0.38' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G0

Input Watts (W): 15.7
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.9872
Total Harmonic Distortion (THDi): 10.1
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

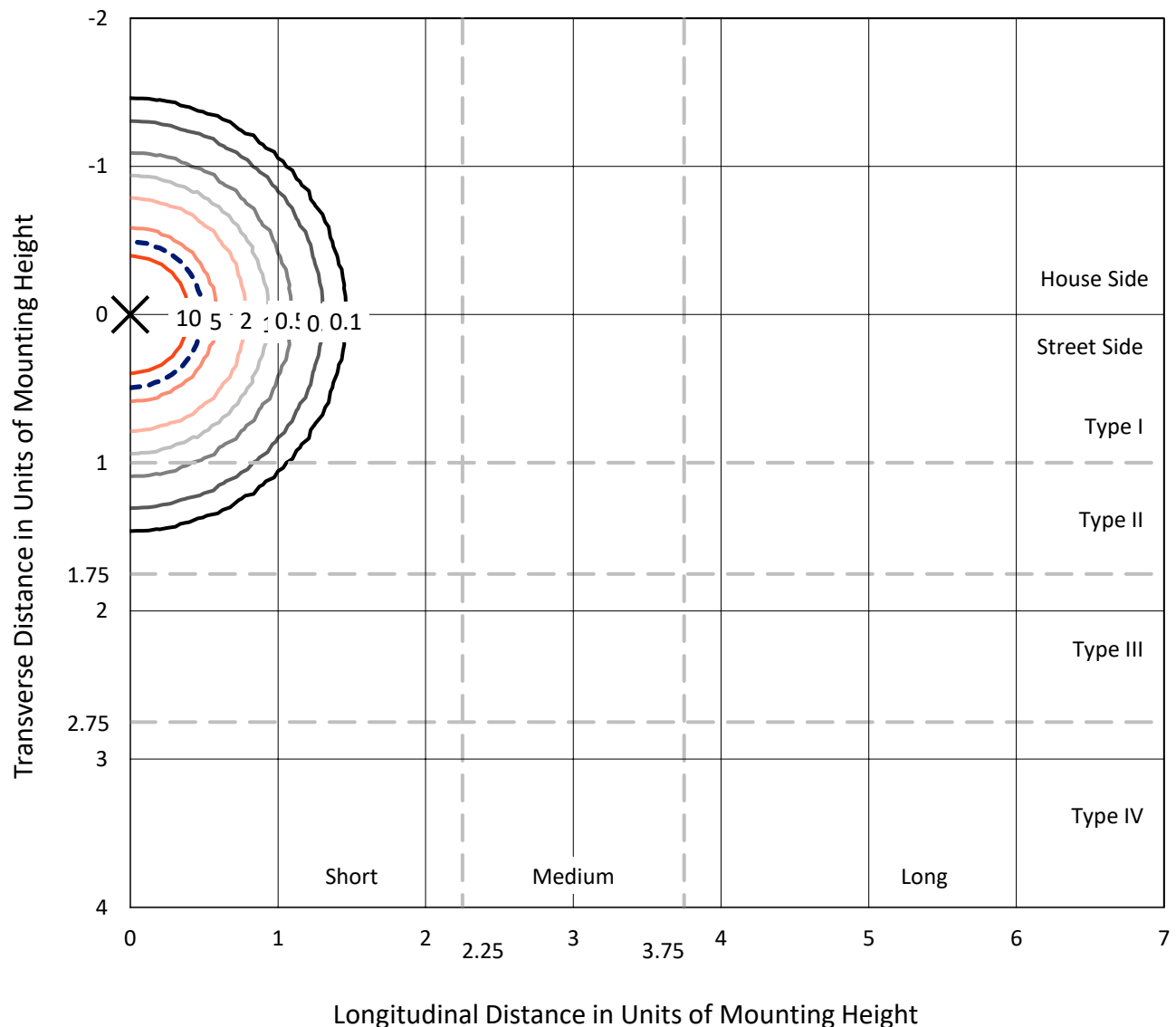


REPORT NUMBER: P1001997

CATALOG NUMBER: CYL-2D-30W-347V-PC_15W_Downlight_3000K

Iso-Footcandle Lines of Horizontal Illumination

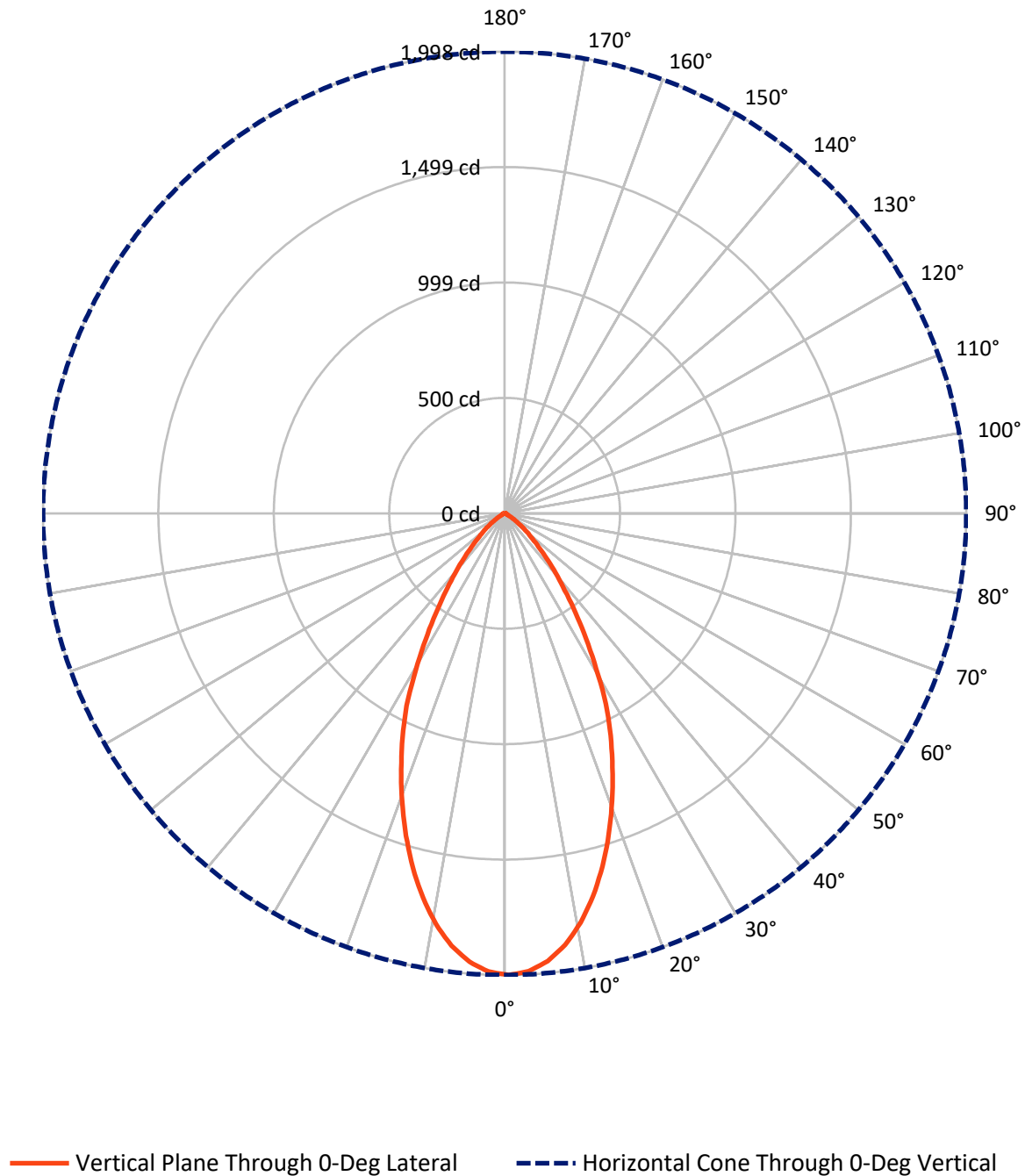
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 20 fc
 Type V - Short - N/A

REPORT NUMBER: P1001997
CATALOG NUMBER: CYL-2D-30W-347V-PC_15W_Downlight_3000K

Luminous Intensity Polar Plot



REPORT NUMBER: P1001997

CATALOG NUMBER: CYL-2D-30W-347V-PC_15W_Downlight_3000K

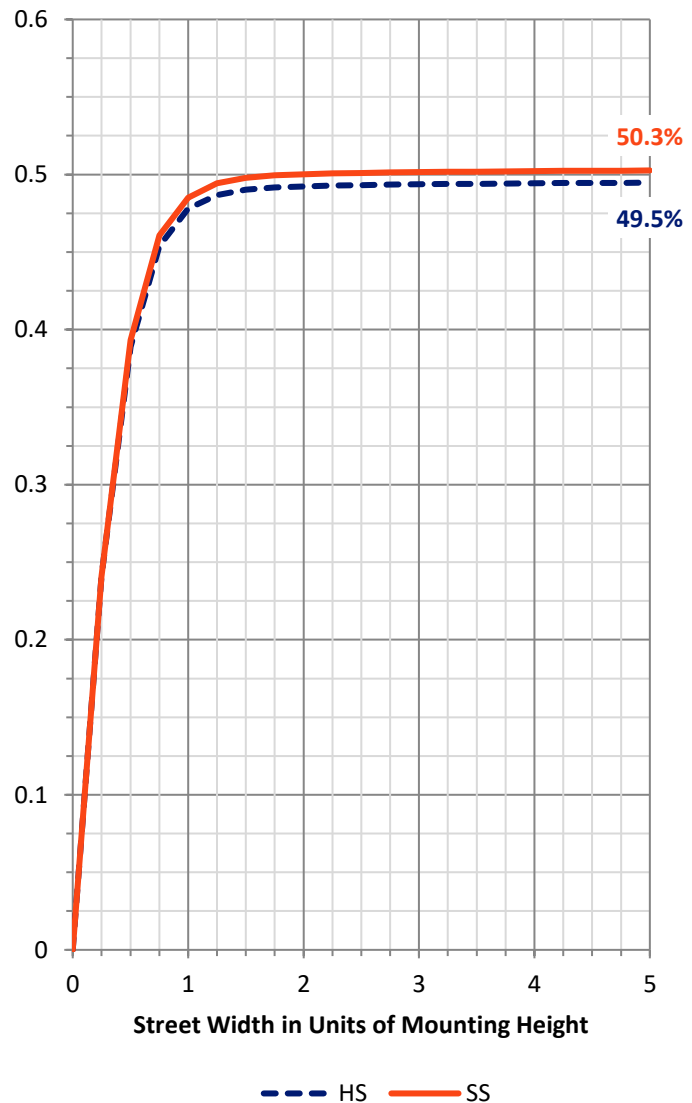
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	841.0	0.0	841.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	841.0	0.0	841.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	1682.0	0.0	1682.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	181.2	10.8
10°-20°	440.3	26.2
20°-30°	484.3	28.8
30°-40°	333.0	19.8
40°-50°	163.0	9.7
50°-60°	56.5	3.4
60°-70°	13.0	0.8
70°-80°	7.3	0.4
80°-90°	3.5	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°	1682.0	100.0
0°-180°	1682.0	100.0

Coefficient of Utilization



REPORT NUMBER: P1001997

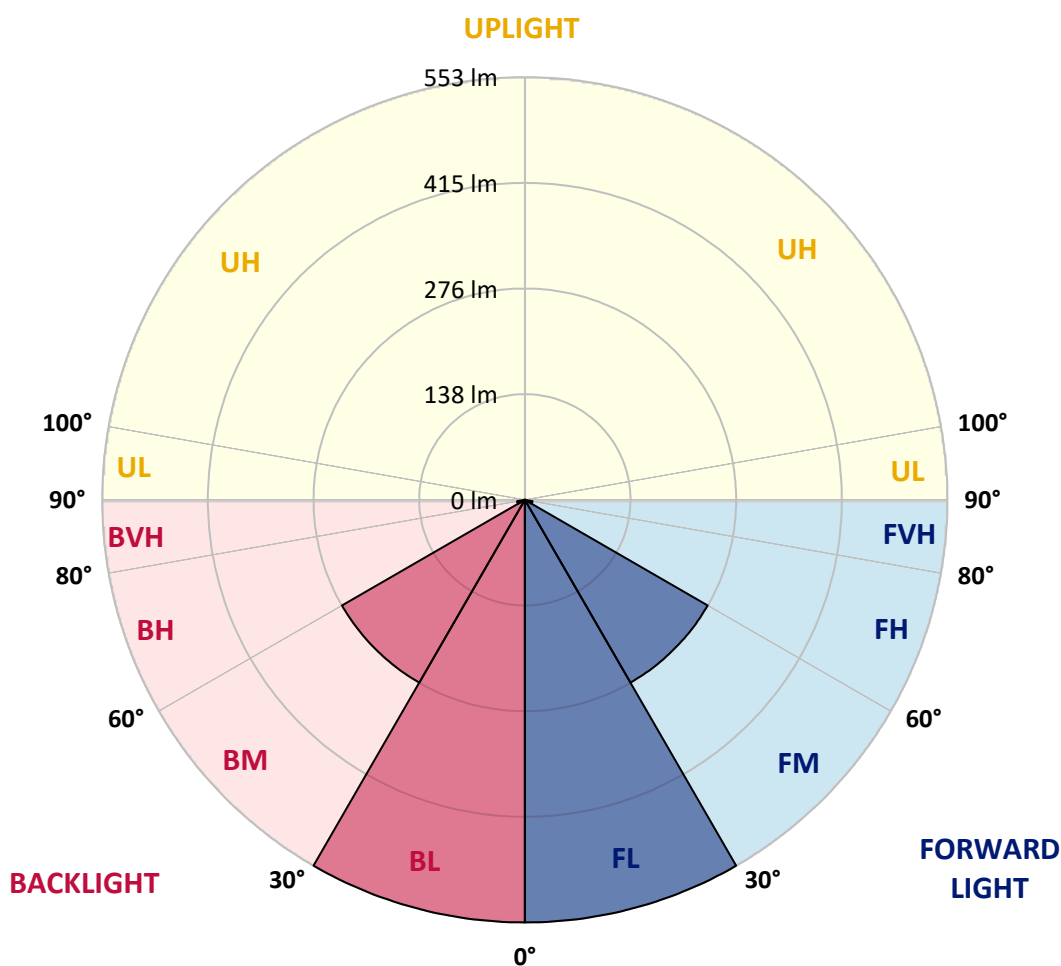
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	552.9	32.9			
FM	(30°-60°)	276.2	16.4			
FH	(60°-80°)	10.1	0.6			G0/660
FVH	(80°-90°)	1.7	0.1			G0/10
BL	(0°-30°)	552.9	32.9	B2/1000		
BM	(30°-60°)	276.2	16.4	B1/1000		
BH	(60°-80°)	10.1	0.6	B0/110		G0/660
BVH	(80°-90°)	1.7	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°	1998.1
2.5°	1984.6
5°	1946.6
7.5°	1885.4
10°	1802.1
12.5°	1700.4
15°	1585.2
17.5°	1459.0
20°	1328.0
22.5°	1194.4
25°	1064.6
27.5°	934.7
30°	780.4
32.5°	645.6
35°	526.8
37.5°	422.6
40°	339.3
42.5°	264.6
45°	204.6
47.5°	154.4
50°	121.3
52.5°	85.8
55°	57.6
57.5°	39.2
60°	24.5
62.5°	13.5
65°	11.0
67.5°	11.0
70°	9.8
72.5°	7.4
75°	6.1
77.5°	6.1
80°	6.1
82.5°	4.9
85°	3.7
87.5°	1.2
90°	0.0

(END OF REPORT)