

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: P510880

Luminaire Tested: **PRV-P-C10-D-UNV-T1**

Issue Date: 4/7/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P510880  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2103-170-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 4/7/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMARK  
Catalog Number: PRV-P-C10-D-UNV-T1  
Description: PREVAIL AREA AND WALL LUMINAIRE  
(1) 70 CRI, 4000K, 600mA LED AND TYPE I OPTIC  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5159 lumens  
Efficiency: N/A  
Efficacy: 149.1 lumens/watt  
Luminous Opening: Rectangular (W 1.04' x L: 0.58' x H: 0')  
IES Classification: Type I - Short  
BUG Rating: B2 - U0 - G2

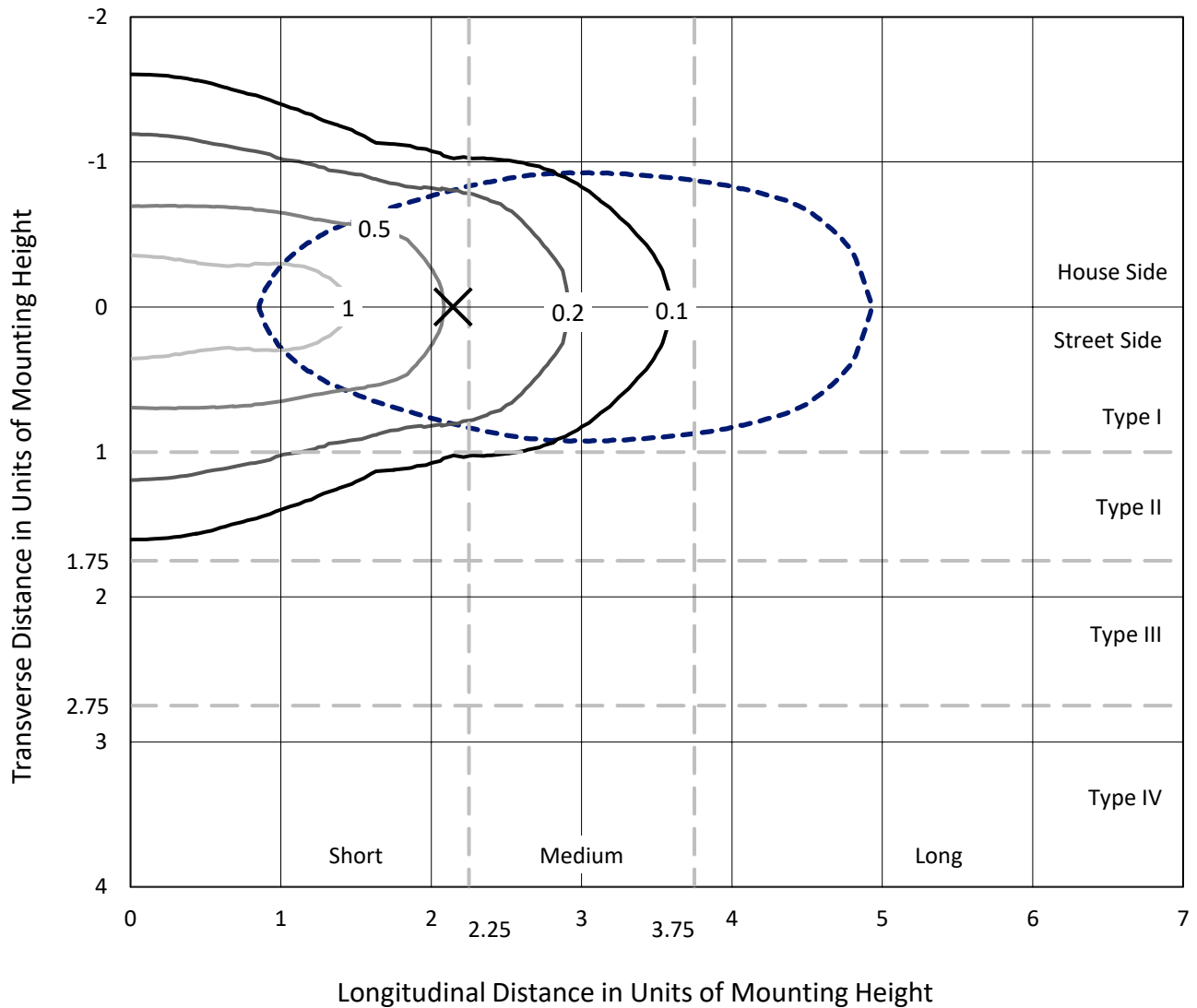
Input Watts (W): 34.6  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

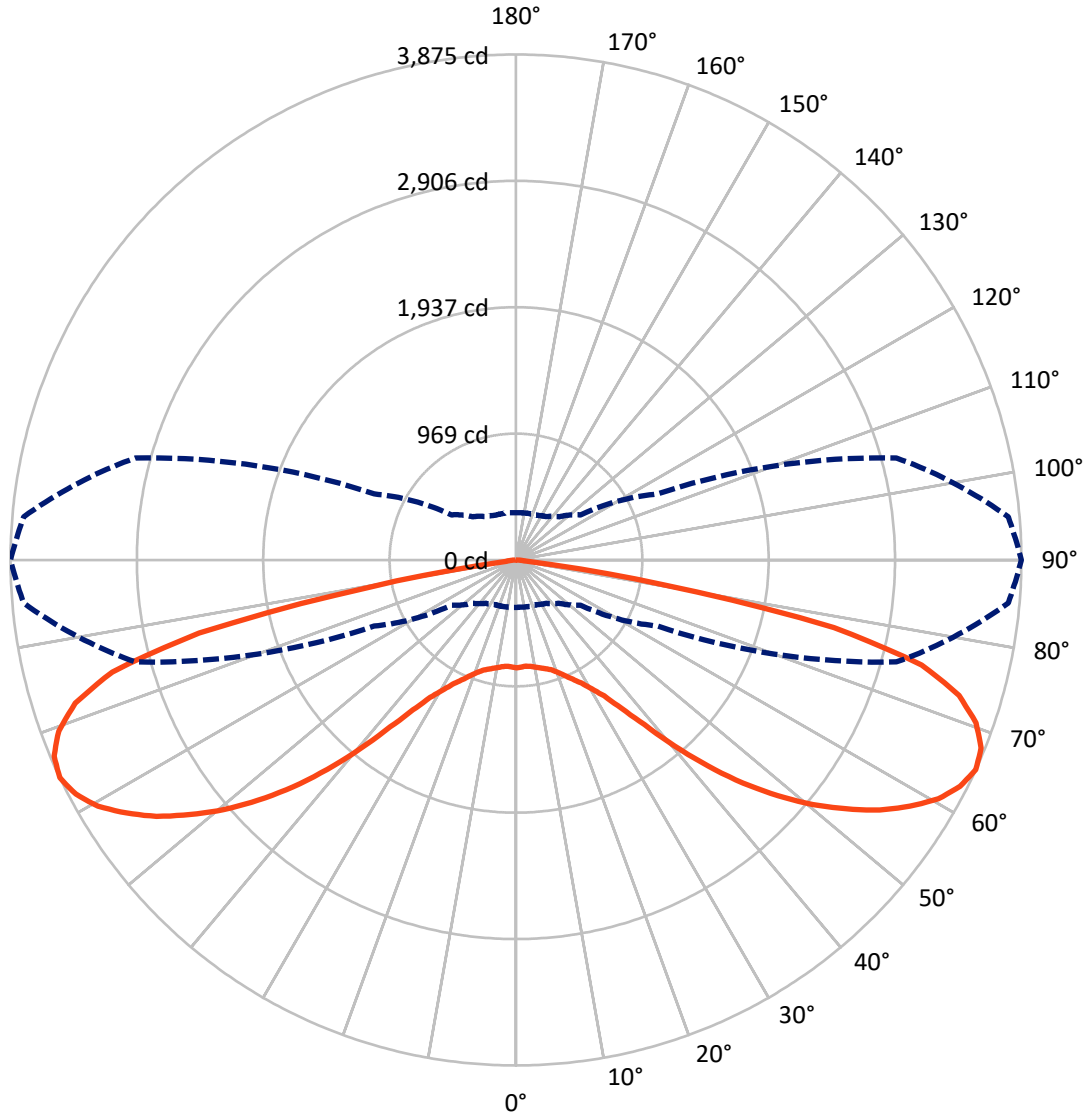
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.4 fc  
 Type I - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

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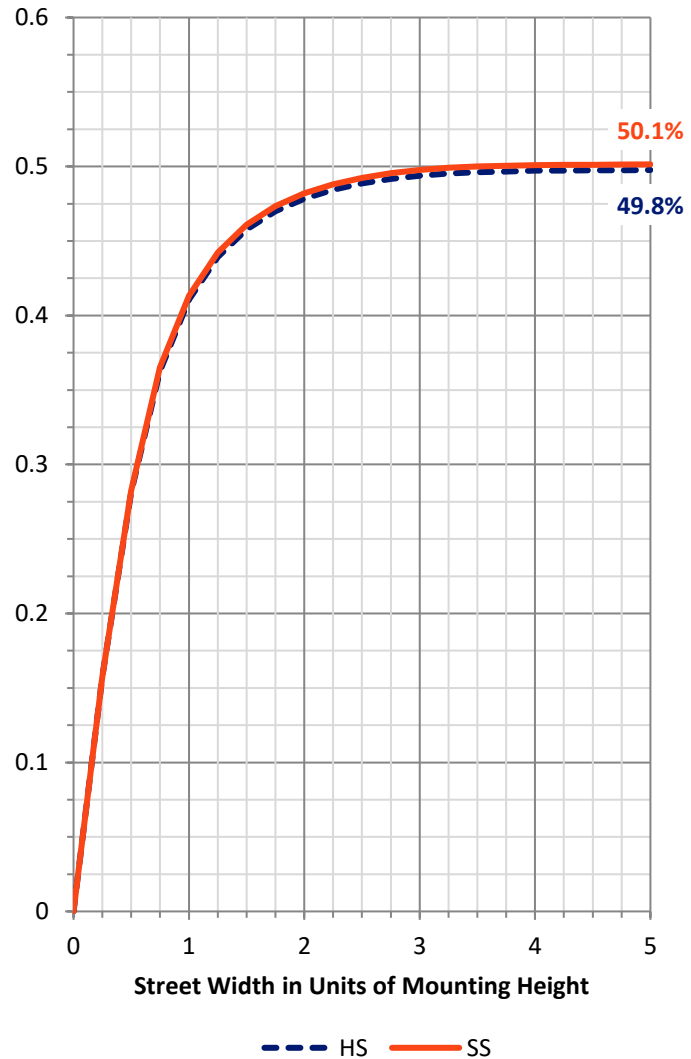
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2579.5	0.0	2579.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	2579.5	0.0	2579.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	5159.0	0.0	5159.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	78.4	1.5
10°-20°	234.9	4.6
20°-30°	389.9	7.6
30°-40°	572.7	11.1
40°-50°	841.9	16.3
50°-60°	1097.9	21.3
60°-70°	1153.6	22.4
70°-80°	737.3	14.3
80°-90°	52.4	1.0
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°	5159.0	100.0
0°-180°	5159.0	100.0

**Coefficient of Utilization**



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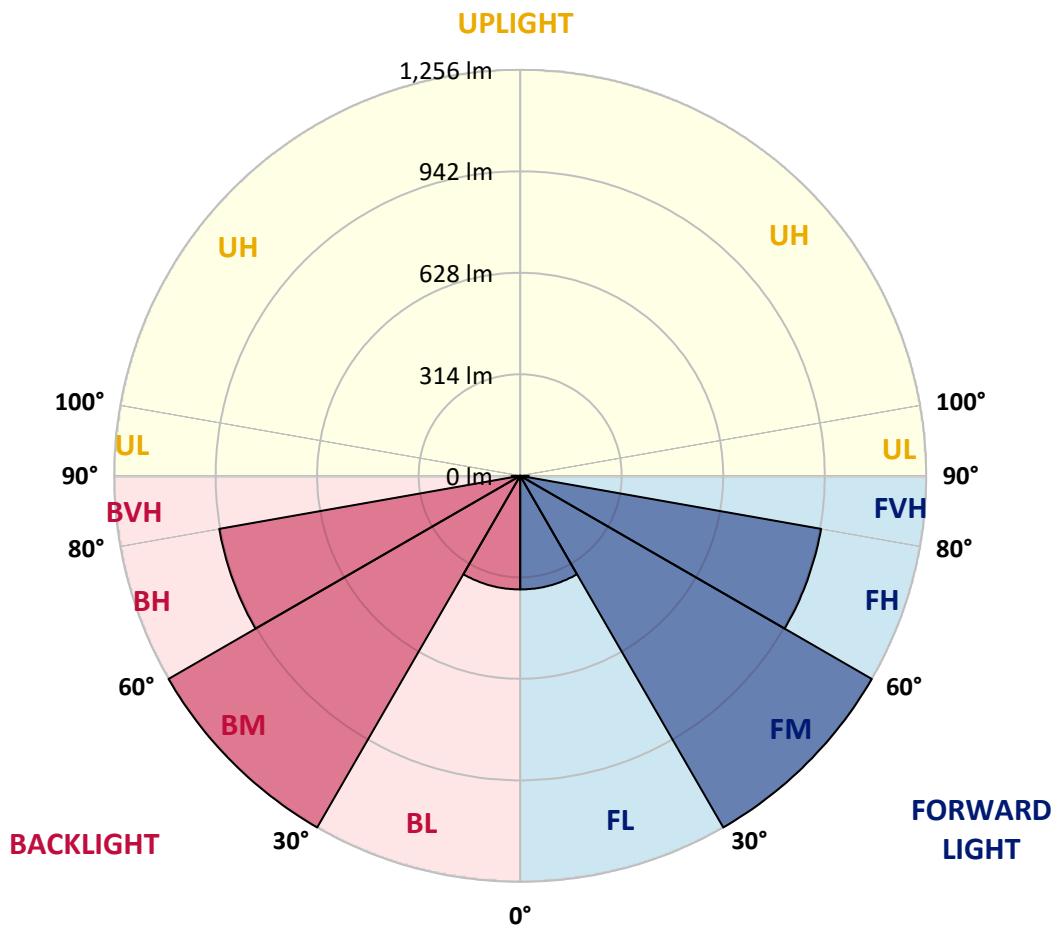
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	351.6	6.8			
FM (30°-60°)	1256.2	24.4			
FH (60°-80°)	945.4	18.3			G1/1800
FVH (80°-90°)	26.2	0.5			G1/100
BL (0°-30°)	351.6	6.8	B1/500		
BM (30°-60°)	1256.2	24.4	B2/2500		
BH (60°-80°)	945.4	18.3	B2/1000		G2/1000
BVH (80°-90°)	26.2	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G2**

Type I Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	827.2	827.2	827.2	827.2	827.2	827.2	827.2	827.2	827.2	827.2	827.2
2.5°	827.2	825.2	825.2	824.2	824.2	824.2	823.2	822.2	821.2	820.2	821.2
5°	818.2	817.2	818.2	819.2	818.2	818.2	817.2	817.2	817.2	816.2	817.2
7.5°	817.2	817.2	817.2	817.2	819.2	819.2	819.2	821.2	821.2	823.2	823.2
10°	818.2	817.2	818.2	819.2	821.2	823.2	827.2	831.2	833.2	836.2	836.2
12.5°	807.2	807.2	808.2	813.2	819.2	824.2	832.2	840.2	847.2	849.2	849.2
15°	794.1	795.1	796.1	803.1	816.2	828.2	838.2	849.2	861.2	864.2	865.2
17.5°	775.1	776.1	779.1	792.1	812.2	832.2	850.2	865.2	877.3	883.3	885.3
20°	747.1	748.1	753.1	776.1	806.2	836.2	863.2	884.3	905.3	916.3	919.3
22.5°	715.0	715.0	727.0	758.1	795.1	836.2	875.3	908.3	944.4	960.4	962.4
25°	675.0	677.0	699.0	735.1	783.1	836.2	892.3	942.3	983.4	1005.4	1012.4
27.5°	642.9	641.9	667.0	712.0	771.1	838.2	909.3	977.4	1037.5	1065.5	1068.5
30°	605.9	607.9	638.9	691.0	763.1	843.2	930.3	1014.5	1094.6	1138.6	1146.6
32.5°	579.8	581.8	610.9	667.0	752.1	848.2	954.4	1061.5	1165.7	1226.8	1241.8
35°	555.8	557.8	585.8	643.9	736.1	851.2	981.4	1121.6	1262.8	1371.0	1395.0
37.5°	534.8	537.8	561.8	619.9	717.0	854.2	1009.4	1193.7	1385.0	1562.2	1601.3
40°	517.7	518.7	542.8	591.8	697.0	853.2	1038.5	1264.8	1534.2	1800.6	1873.7
42.5°	504.7	505.7	523.7	569.8	673.0	844.2	1067.5	1337.9	1707.4	2083.0	2158.1
45°	489.7	490.7	508.7	548.8	645.9	831.2	1088.6	1407.0	1893.7	2342.3	2439.5
47.5°	476.7	478.7	495.7	533.8	619.9	806.2	1098.6	1473.1	2079.0	2597.7	2698.9
50°	469.7	469.7	483.7	517.7	592.8	764.1	1088.6	1530.2	2270.2	2837.1	2948.2
52.5°	460.7	457.7	470.7	498.7	566.8	719.0	1050.5	1570.2	2461.5	3066.4	3168.5
55°	444.6	444.6	455.7	478.7	541.8	671.0	981.4	1582.3	2643.8	3262.7	3384.8
57.5°	424.6	426.6	436.6	456.7	512.7	623.9	891.3	1543.2	2806.0	3451.9	3561.1
60°	408.6	408.6	416.6	433.6	480.7	576.8	794.1	1477.1	2943.2	3612.2	3719.3
62.5°	388.6	389.6	396.6	409.6	446.6	525.8	699.0	1346.9	3021.3	3724.3	3821.5
65°	363.5	362.5	369.5	377.5	405.6	468.7	602.9	1198.7	3019.3	3788.4	3874.5
67.5°	331.5	331.5	336.5	342.5	360.5	411.6	521.7	1079.5	2904.2	3767.4	3845.5
70°	294.4	293.4	297.4	298.4	312.4	352.5	439.6	981.4	2610.7	3646.2	3741.3
72.5°	231.3	236.3	243.3	249.4	262.4	286.4	365.5	886.3	2185.1	3402.9	3551.1
75°	35.1	32.0	58.1	117.2	196.3	220.3	293.4	761.1	1793.6	2936.2	3211.6
77.5°	10.0	11.0	14.0	16.0	19.0	114.2	215.3	600.9	1426.0	2264.2	2492.6
80°	8.0	9.0	11.0	13.0	16.0	17.0	65.1	376.5	730.0	1147.6	1142.6
82.5°	6.0	6.0	8.0	9.0	11.0	13.0	32.0	99.1	124.2	94.1	75.1
85°	4.0	3.0	5.0	6.0	6.0	9.0	12.0	14.0	12.0	39.1	49.1
87.5°	2.0	2.0	3.0	3.0	4.0	4.0	4.0	4.0	6.0	16.0	20.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)