

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: P511022

Luminaire Tested: **PRV-P-C25-D-UNV-T1-7050**

Issue Date: 4/7/2021

Test Information

Test Method: LM-79-08
Report Number: P511022
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-C25-D-UNV-T1-7050
Description: PREVAIL AREA AND WALL LUMINAIRE
(1) 70 CRI, 5000K, 1650mA LED AND TYPE I OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12676 lumens
Efficiency: N/A
Efficacy: 134.7 lumens/watt
Luminous Opening: Rectangular (W 1.04' x L: 0.58' x H: 0')
IES Classification: Type I - Short
BUG Rating: B3 - U0 - G3

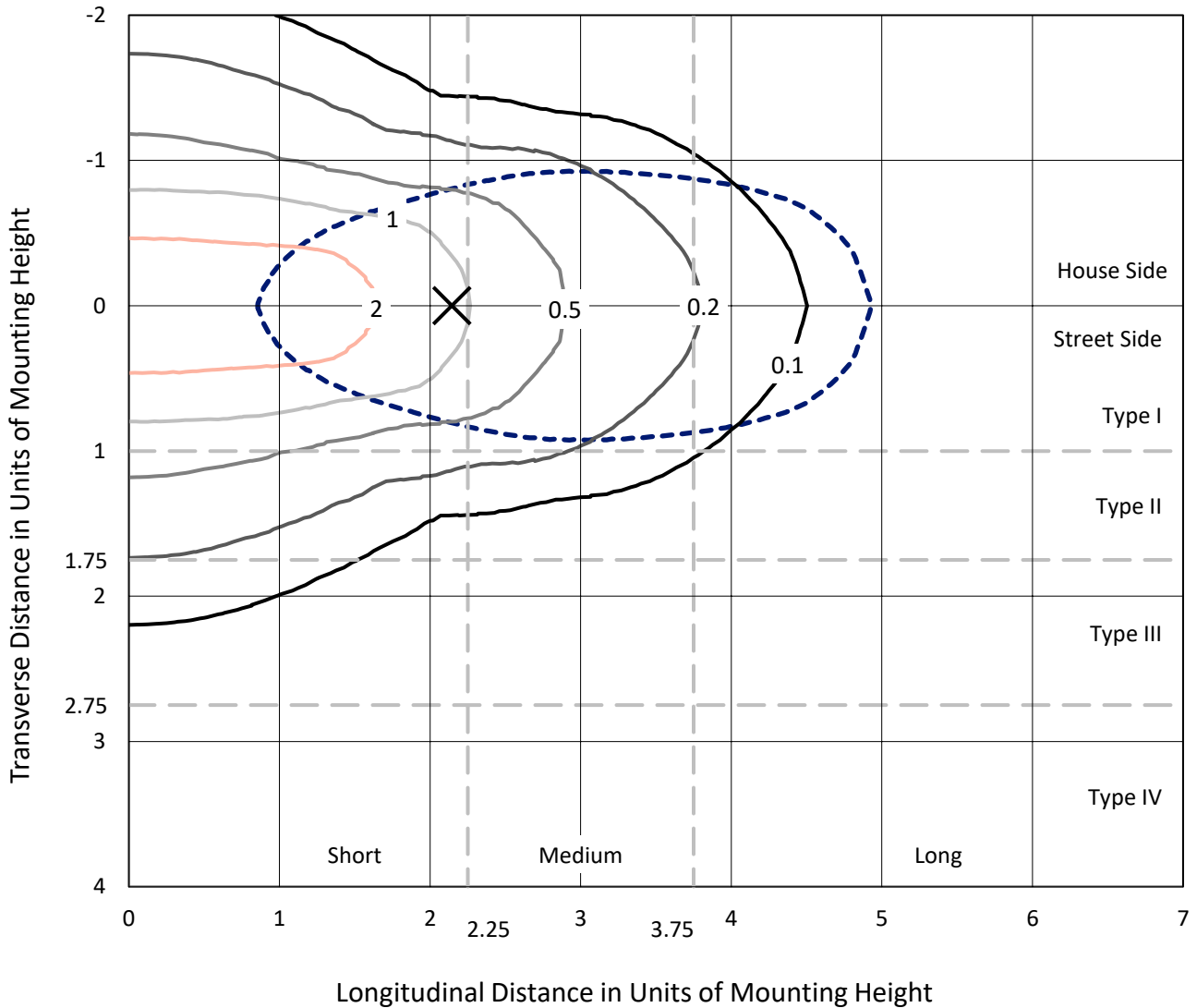
Input Watts (W): 94.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

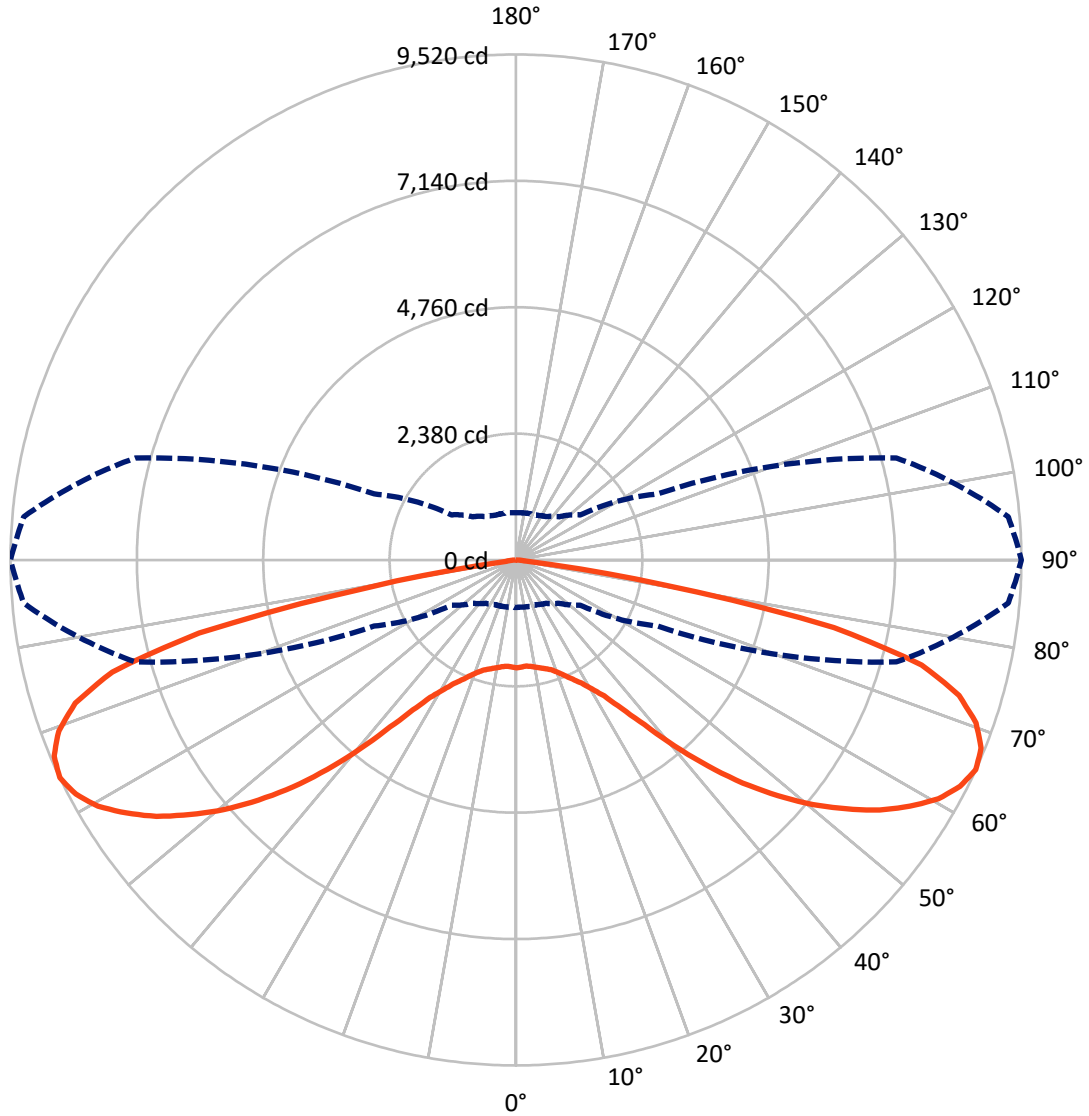
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.4 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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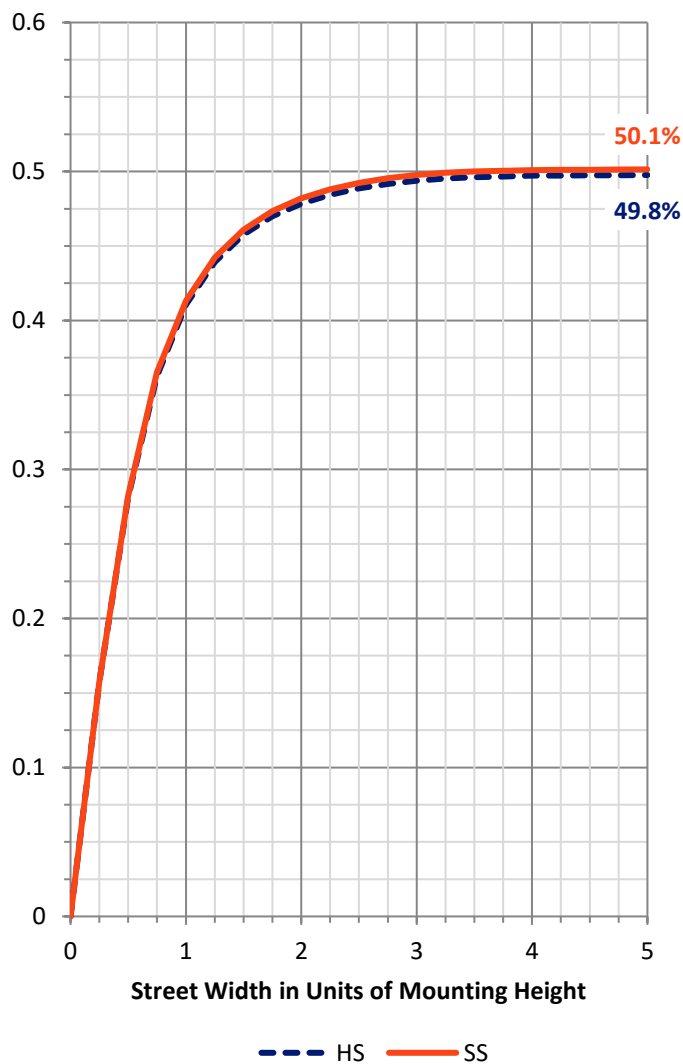
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6338.0	0.0	6338.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	6338.0	0.0	6338.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	12676.0	0.0	12676.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	192.6	1.5
10°-20°	577.1	4.6
20°-30°	958.1	7.6
30°-40°	1407.2	11.1
40°-50°	2068.6	16.3
50°-60°	2697.6	21.3
60°-70°	2834.5	22.4
70°-80°	1811.5	14.3
80°-90°	128.9	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°	12676.0	100.0
0°-180°	12676.0	100.0

Coefficient of Utilization

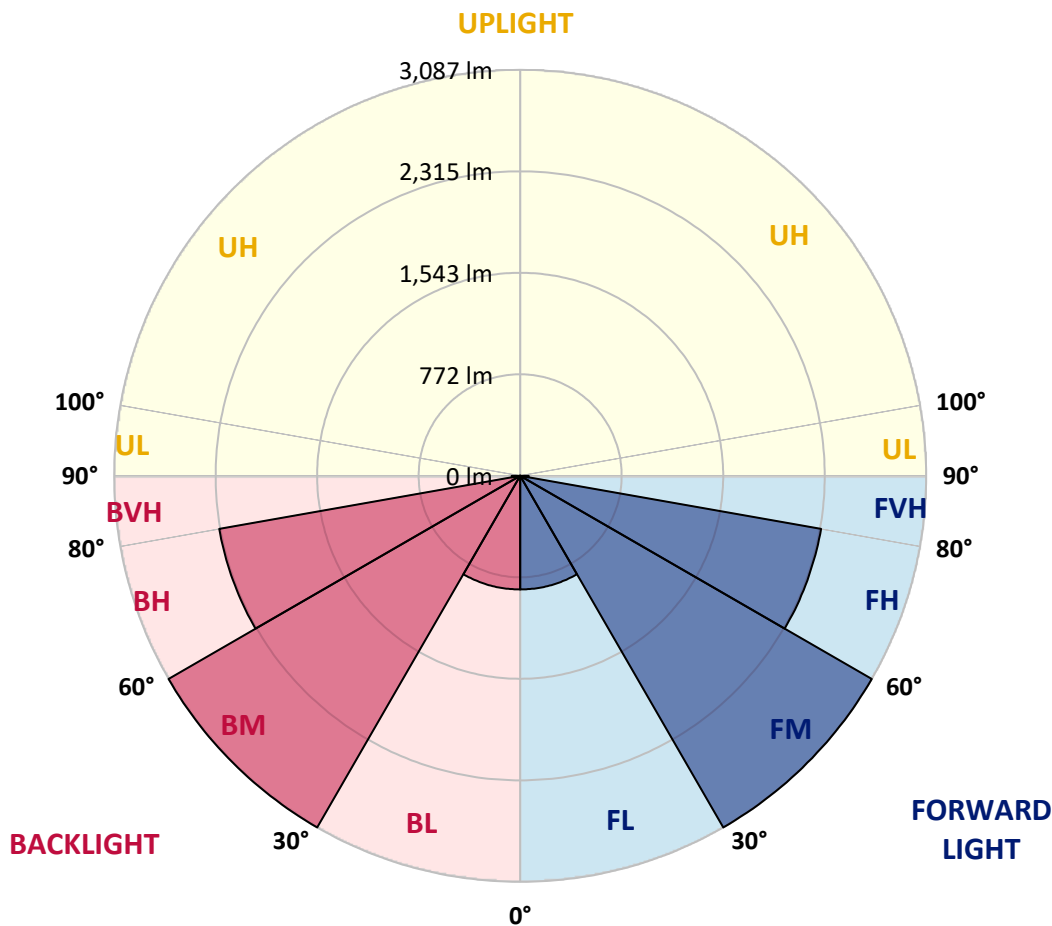


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	863.9	6.8			
FM (30°-60°)	3086.6	24.4			
FH (60°-80°)	2323.0	18.3			G2/5000
FVH (80°-90°)	64.4	0.5			G1/100
BL (0°-30°)	863.9	6.8	B2/1000		
BM (30°-60°)	3086.6	24.4	B3/5000		
BH (60°-80°)	2323.0	18.3	B3/2500		G3/2500
BVH (80°-90°)	64.4	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
 Type I Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	2032.4	2032.4	2032.4	2032.4	2032.4	2032.4	2032.4	2032.4	2032.4	2032.4	2032.4
2.5°	2032.4	2027.5	2027.5	2025.1	2025.1	2025.1	2022.6	2020.1	2017.7	2015.2	2017.7
5°	2010.3	2007.8	2010.3	2012.8	2010.3	2010.3	2007.8	2007.8	2007.8	2005.4	2007.8
7.5°	2007.8	2007.8	2007.8	2007.8	2012.8	2012.8	2012.8	2017.7	2017.7	2022.6	2022.6
10°	2010.3	2007.8	2010.3	2012.8	2017.7	2022.6	2032.4	2042.3	2047.2	2054.6	2054.6
12.5°	1983.2	1983.2	1985.7	1998.0	2012.8	2025.1	2044.7	2064.4	2081.7	2086.6	2086.6
15°	1951.2	1953.7	1956.2	1973.4	2005.4	2034.9	2059.5	2086.6	2116.1	2123.5	2125.9
17.5°	1904.5	1907.0	1914.3	1946.3	1995.5	2044.7	2089.0	2125.9	2155.5	2170.2	2175.2
20°	1835.6	1838.1	1850.4	1907.0	1980.8	2054.6	2121.0	2172.7	2224.4	2251.4	2258.8
22.5°	1756.9	1756.9	1786.4	1862.7	1953.7	2054.6	2150.5	2231.7	2320.3	2359.7	2364.6
25°	1658.4	1663.4	1717.5	1806.1	1924.2	2054.6	2192.4	2315.4	2416.3	2470.4	2487.6
27.5°	1579.7	1577.2	1638.7	1749.5	1894.6	2059.5	2234.2	2401.5	2549.2	2618.1	2625.4
30°	1488.7	1493.6	1569.9	1697.8	1875.0	2071.8	2285.9	2492.6	2689.4	2797.7	2817.4
32.5°	1424.7	1429.6	1501.0	1638.7	1847.9	2084.1	2344.9	2608.2	2864.1	3014.2	3051.1
35°	1365.6	1370.5	1439.4	1582.2	1808.5	2091.5	2411.4	2755.9	3102.8	3368.5	3427.6
37.5°	1314.0	1321.3	1380.4	1523.1	1761.8	2098.9	2480.3	2933.0	3403.0	3838.5	3934.5
40°	1272.1	1274.6	1333.6	1454.2	1712.6	2096.4	2551.6	3107.7	3769.6	4424.1	4603.8
42.5°	1240.1	1242.6	1286.9	1400.1	1653.5	2074.3	2623.0	3287.3	4195.3	5118.0	5302.6
45°	1203.2	1205.7	1250.0	1348.4	1587.1	2042.3	2674.7	3457.1	4653.0	5755.3	5994.0
47.5°	1171.2	1176.2	1218.0	1311.5	1523.1	1980.8	2699.3	3619.5	5108.2	6382.8	6631.3
50°	1154.0	1154.0	1188.5	1272.1	1456.7	1877.4	2674.7	3759.8	5578.1	6970.8	7244.0
52.5°	1131.9	1124.5	1156.5	1225.4	1392.7	1766.7	2581.2	3858.2	6048.1	7534.3	7785.3
55°	1092.5	1092.5	1119.6	1176.2	1331.2	1648.6	2411.4	3887.7	6495.9	8016.6	8316.8
57.5°	1043.3	1048.2	1072.8	1122.0	1259.8	1532.9	2189.9	3791.8	6894.6	8481.6	8749.8
60°	1003.9	1003.9	1023.6	1065.4	1181.1	1417.3	1951.2	3629.4	7231.7	8875.3	9138.6
62.5°	954.7	957.2	974.4	1006.4	1097.4	1291.8	1717.5	3309.5	7423.6	9150.9	9389.6
65°	893.2	890.7	908.0	927.6	996.5	1151.6	1481.3	2945.3	7418.7	9308.4	9520.0
67.5°	814.5	814.5	826.8	841.5	885.8	1011.3	1282.0	2652.5	7135.7	9256.7	9448.6
70°	723.4	721.0	730.8	733.3	767.7	866.1	1080.2	2411.4	6414.7	8959.0	9192.7
72.5°	568.4	580.7	597.9	612.7	644.7	703.7	898.1	2177.6	5369.0	8361.1	8725.2
75°	86.1	78.7	142.7	287.9	482.3	541.3	721.0	1870.0	4406.9	7214.4	7891.1
77.5°	24.6	27.1	34.4	39.4	46.8	280.5	529.0	1476.3	3503.9	5563.4	6124.4
80°	19.7	22.1	27.1	32.0	39.4	41.8	159.9	925.2	1793.8	2819.8	2807.5
82.5°	14.8	14.8	19.7	22.1	27.1	32.0	78.7	243.6	305.1	231.3	184.5
85°	9.8	7.4	12.3	14.8	14.8	22.1	29.5	34.4	29.5	96.0	120.6
87.5°	4.9	4.9	7.4	7.4	9.8	9.8	9.8	9.8	14.8	39.4	49.2
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)