

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: P510925

Luminaire Tested: **PRV-P-C15-D-UNV-T1-7030**

Issue Date: 4/7/2021

Test Information

Test Method: LM-79-08
Report Number: P510925
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-C15-D-UNV-T1-7030
Description: PREVAIL AREA AND WALL LUMINAIRE
(1) 70 CRI, 3000K, 880mA LED AND TYPE I OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7126 lumens
Efficiency: N/A
Efficacy: 145.1 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

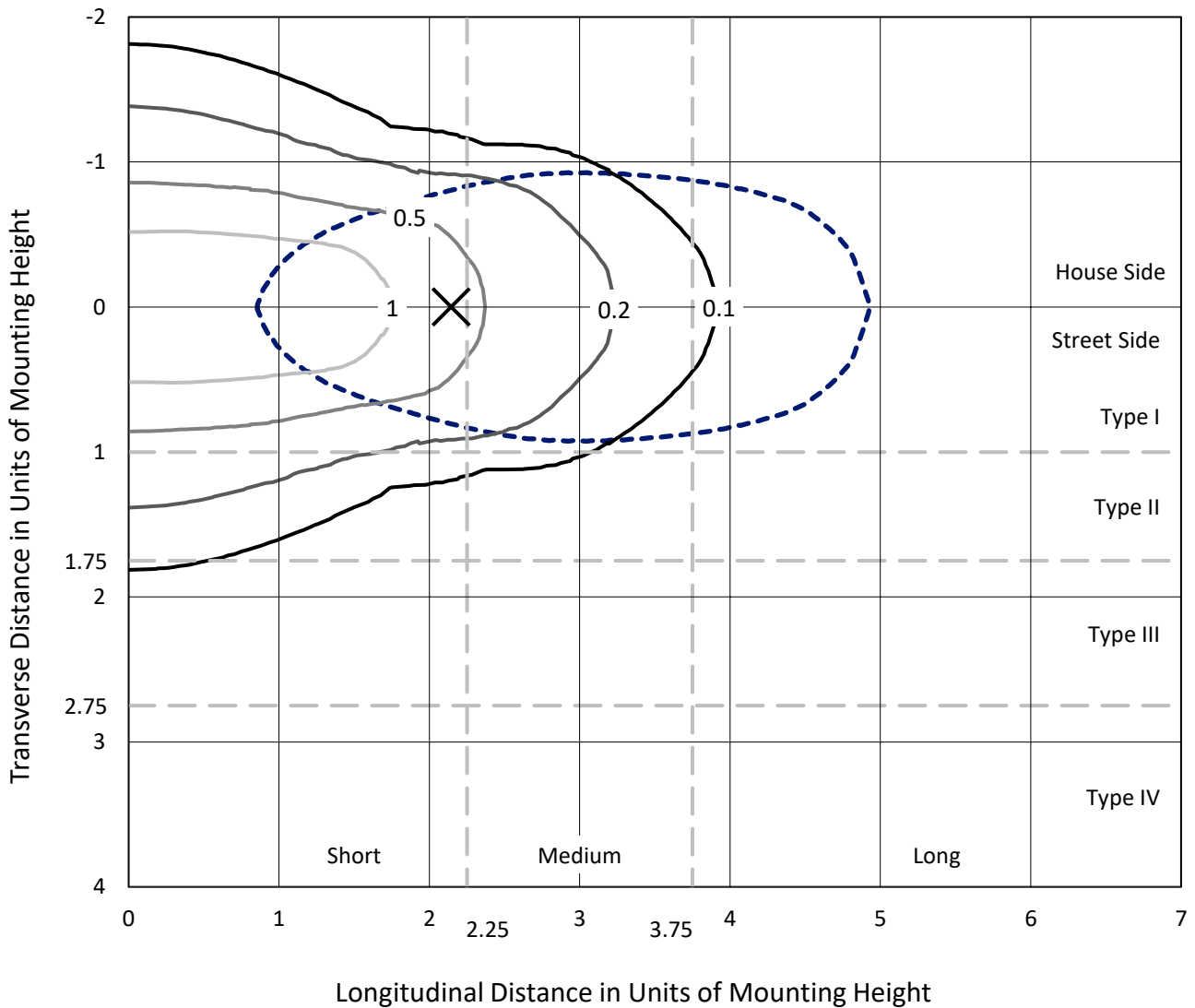
Input Watts (W): 49.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

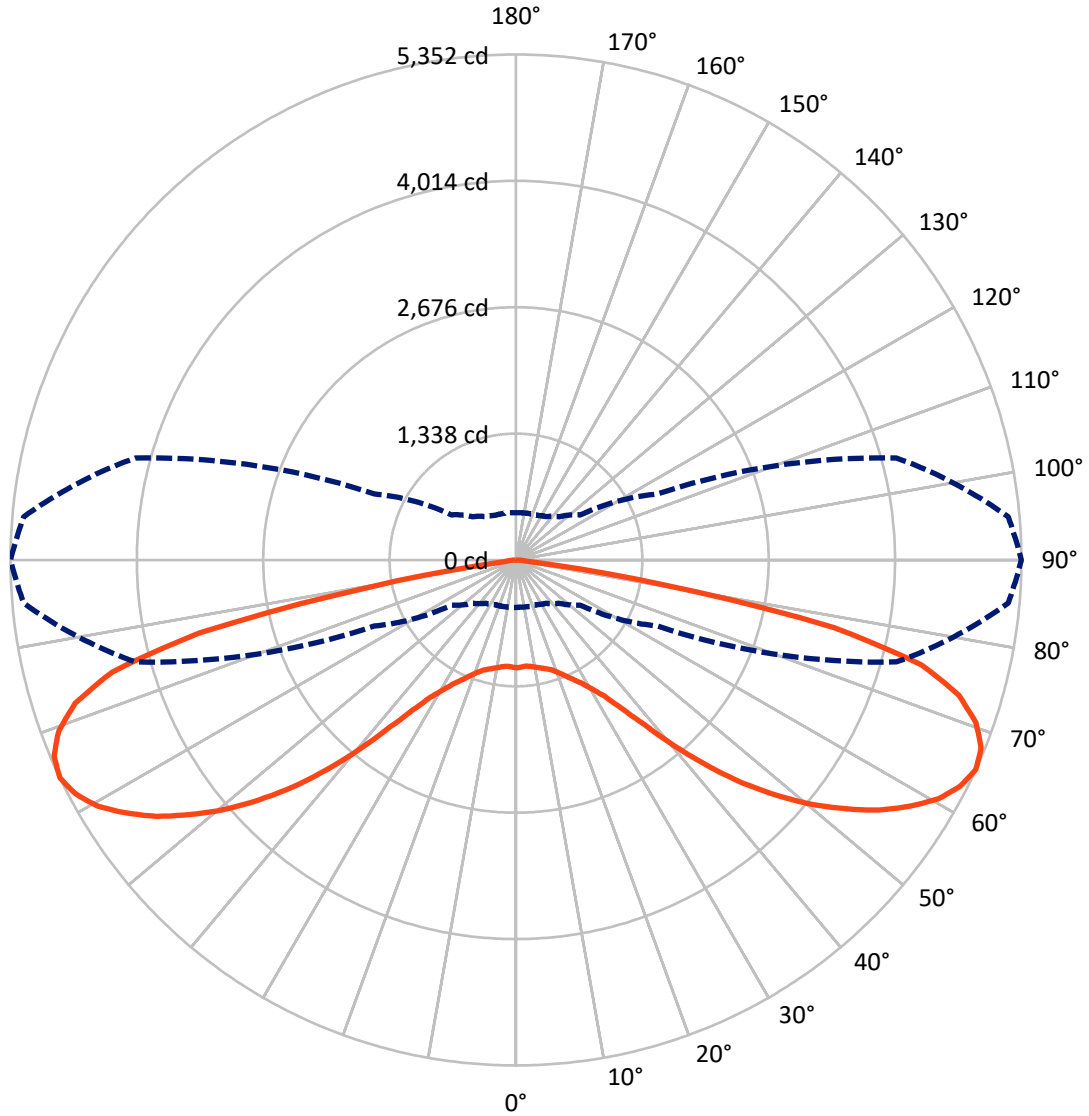
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.9 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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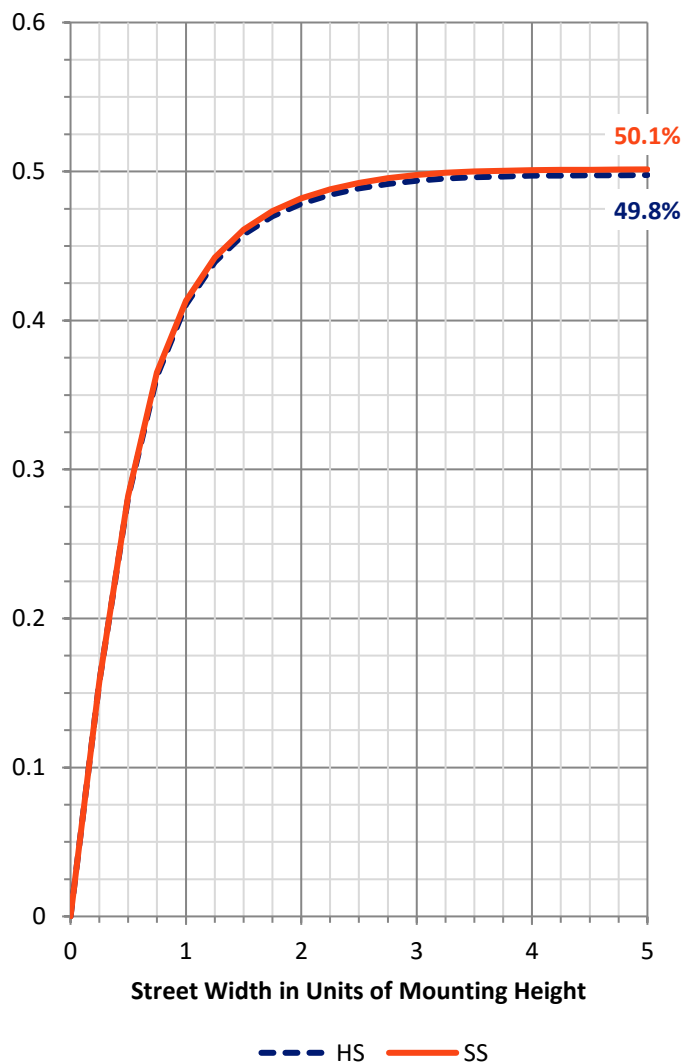
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3563.0	0.0	3563.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3563.0	0.0	3563.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	7126.0	0.0	7126.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	108.2	1.5
10°-20°	324.4	4.6
20°-30°	538.6	7.6
30°-40°	791.0	11.1
40°-50°	1162.9	16.3
50°-60°	1516.5	21.3
60°-70°	1593.5	22.4
70°-80°	1018.4	14.3
80°-90°	72.4	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°	7126.0	100.0
0°-180°	7126.0	100.0

Coefficient of Utilization



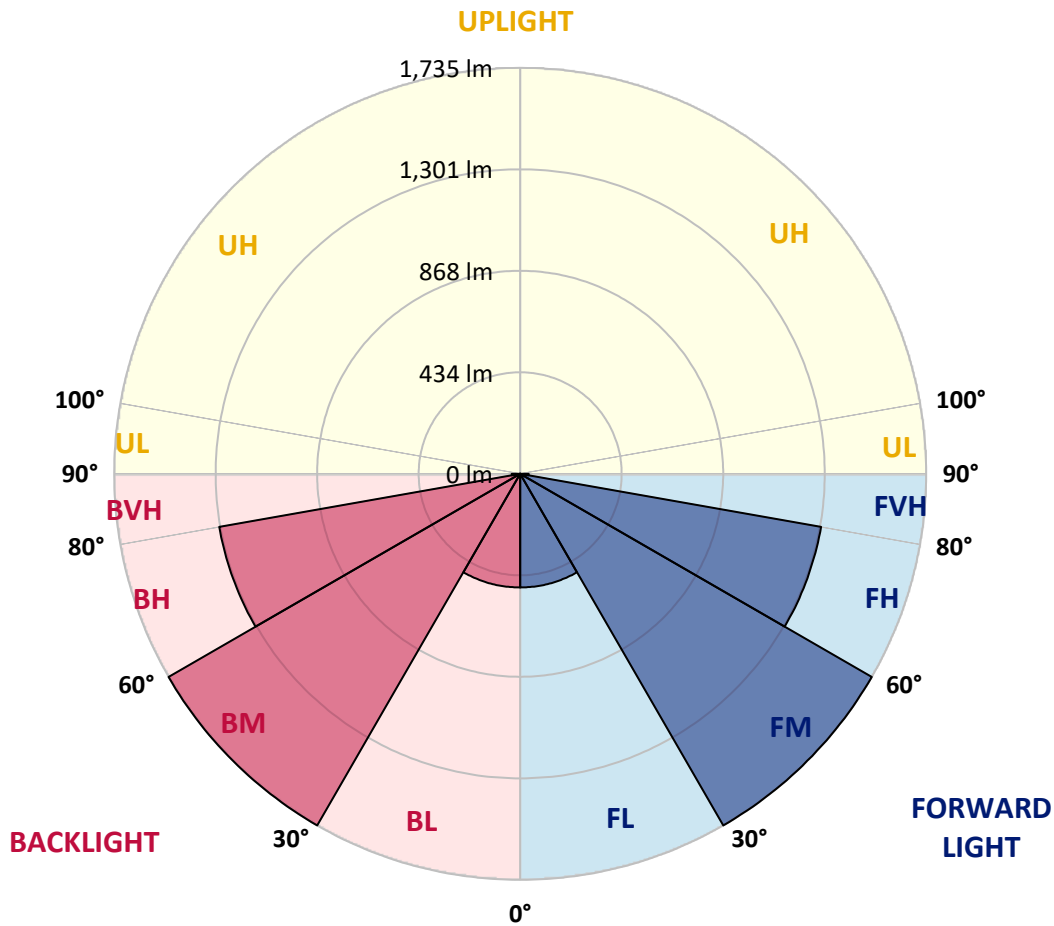
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	485.7	6.8			
FM (30°-60°)	1735.2	24.4			
FH (60°-80°)	1305.9	18.3			G1/1800
FVH (80°-90°)	36.2	0.5			G1/100
BL (0°-30°)	485.7	6.8	B1/500		
BM (30°-60°)	1735.2	24.4	B2/2500		
BH (60°-80°)	1305.9	18.3	B3/2500		G3/2500
BVH (80°-90°)	36.2	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: 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°	1142.6	1142.6	1142.6	1142.6	1142.6	1142.6	1142.6	1142.6	1142.6	1142.6	1142.6
2.5°	1142.6	1139.8	1139.8	1138.4	1138.4	1138.4	1137.0	1135.7	1134.3	1132.9	1134.3
5°	1130.1	1128.7	1130.1	1131.5	1130.1	1130.1	1128.7	1128.7	1128.7	1127.4	1128.7
7.5°	1128.7	1128.7	1128.7	1128.7	1131.5	1131.5	1131.5	1134.3	1134.3	1137.0	1137.0
10°	1130.1	1128.7	1130.1	1131.5	1134.3	1137.0	1142.6	1148.1	1150.9	1155.0	1155.0
12.5°	1114.9	1114.9	1116.3	1123.2	1131.5	1138.4	1149.5	1160.5	1170.2	1173.0	1173.0
15°	1096.9	1098.3	1099.7	1109.4	1127.4	1144.0	1157.8	1173.0	1189.6	1193.7	1195.1
17.5°	1070.6	1072.0	1076.2	1094.2	1121.8	1149.5	1174.4	1195.1	1211.7	1220.0	1222.8
20°	1031.9	1033.3	1040.2	1072.0	1113.5	1155.0	1192.4	1221.4	1250.5	1265.7	1269.8
22.5°	987.6	987.6	1004.2	1047.1	1098.3	1155.0	1209.0	1254.6	1304.4	1326.5	1329.3
25°	932.3	935.1	965.5	1015.3	1081.7	1155.0	1232.5	1301.6	1358.4	1388.8	1398.5
27.5°	888.0	886.7	921.2	983.5	1065.1	1157.8	1256.0	1350.1	1433.1	1471.8	1475.9
30°	836.9	839.6	882.5	954.4	1054.0	1164.7	1285.0	1401.2	1511.9	1572.8	1583.8
32.5°	800.9	803.7	843.8	921.2	1038.8	1171.6	1318.2	1466.2	1610.1	1694.5	1715.2
35°	767.7	770.5	809.2	889.4	1016.7	1175.8	1355.6	1549.2	1744.3	1893.7	1926.9
37.5°	738.7	742.8	776.0	856.2	990.4	1179.9	1394.3	1648.8	1913.0	2157.9	2211.8
40°	715.1	716.5	749.7	817.5	962.7	1178.5	1434.4	1747.0	2119.1	2487.1	2588.1
42.5°	697.2	698.5	723.4	787.1	929.5	1166.1	1474.5	1848.0	2358.4	2877.2	2980.9
45°	676.4	677.8	702.7	758.0	892.2	1148.1	1503.6	1943.5	2615.7	3235.4	3369.6
47.5°	658.4	661.2	684.7	737.3	856.2	1113.5	1517.4	2034.8	2871.6	3588.2	3727.9
50°	648.7	648.7	668.1	715.1	818.9	1055.4	1503.6	2113.6	3135.8	3918.8	4072.3
52.5°	636.3	632.1	650.1	688.9	782.9	993.2	1451.0	2168.9	3400.0	4235.5	4376.6
55°	614.2	614.2	629.4	661.2	748.3	926.8	1355.6	2185.5	3651.8	4506.6	4675.4
57.5°	586.5	589.3	603.1	630.8	708.2	861.8	1231.1	2131.6	3875.9	4768.1	4918.8
60°	564.4	564.4	575.4	598.9	664.0	796.8	1096.9	2040.3	4065.4	4989.4	5137.4
62.5°	536.7	538.1	547.8	565.8	616.9	726.2	965.5	1860.5	4173.3	5144.3	5278.5
65°	502.1	500.7	510.4	521.5	560.2	647.4	832.7	1655.8	4170.5	5232.8	5351.8
67.5°	457.9	457.9	464.8	473.1	498.0	568.5	720.7	1491.1	4011.4	5203.8	5311.7
70°	406.7	405.3	410.8	412.2	431.6	486.9	607.2	1355.6	3606.1	5036.4	5167.8
72.5°	319.5	326.4	336.1	344.4	362.4	395.6	504.9	1224.2	3018.3	4700.3	4905.0
75°	48.4	44.3	80.2	161.8	271.1	304.3	405.3	1051.3	2477.4	4055.7	4436.1
77.5°	13.8	15.2	19.4	22.1	26.3	157.7	297.4	830.0	1969.8	3127.5	3442.9
80°	11.1	12.4	15.2	18.0	22.1	23.5	89.9	520.1	1008.4	1585.2	1578.3
82.5°	8.3	8.3	11.1	12.4	15.2	18.0	44.3	136.9	171.5	130.0	103.7
85°	5.5	4.1	6.9	8.3	8.3	12.4	16.6	19.4	16.6	53.9	67.8
87.5°	2.8	2.8	4.1	4.1	5.5	5.5	5.5	5.5	8.3	22.1	27.7
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)