

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: P510928

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

Issue Date: 4/7/2021

Test Information

Test Method: LM-79-08
Report Number: P510928
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
Description: PREVAIL AREA AND WALL LUMINAIRE
(1) 70 CRI, 4000K, 880mA LED AND TYPE I OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7257 lumens
Efficiency: N/A
Efficacy: 147.8 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

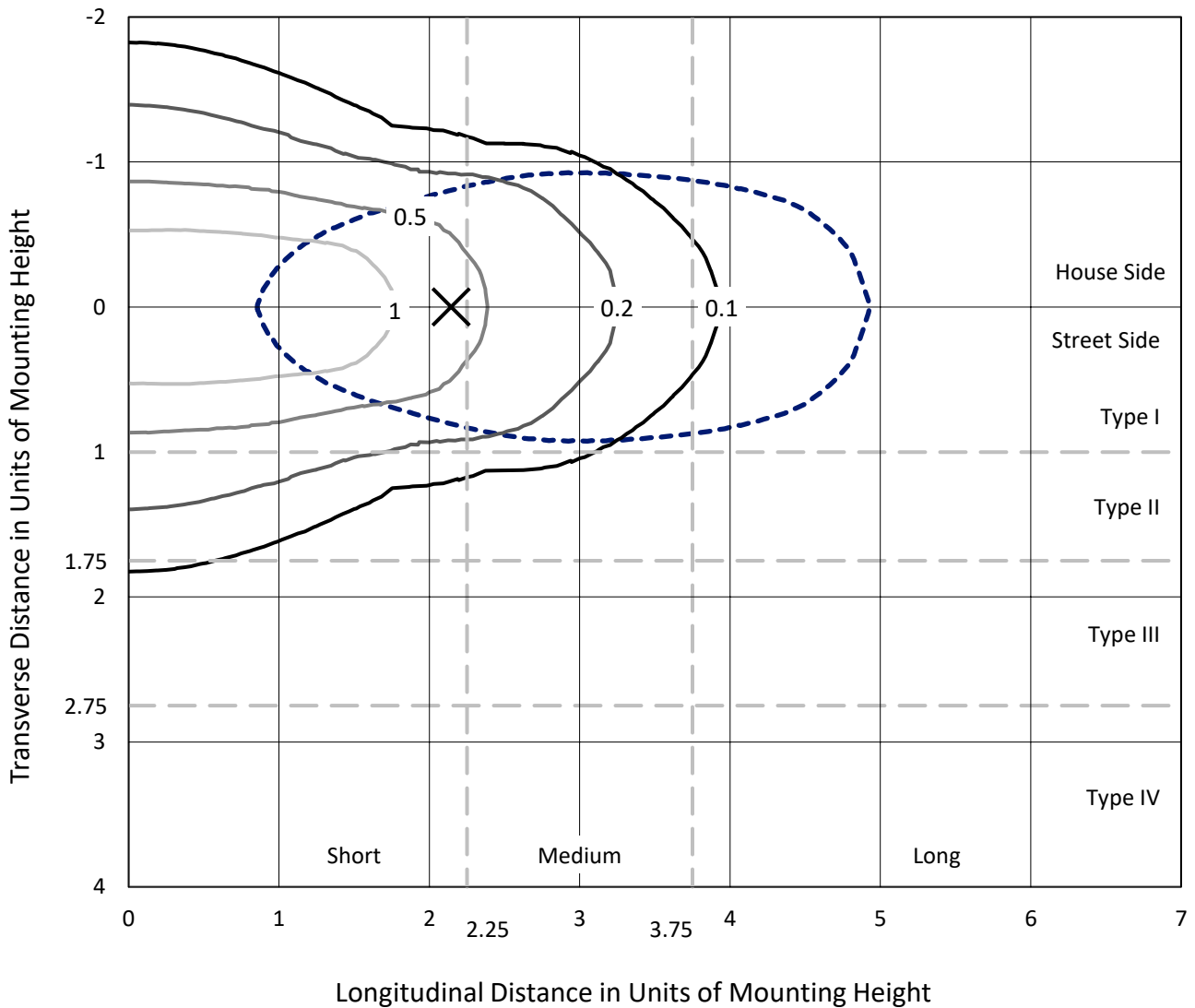
Input Watts (W): 49.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

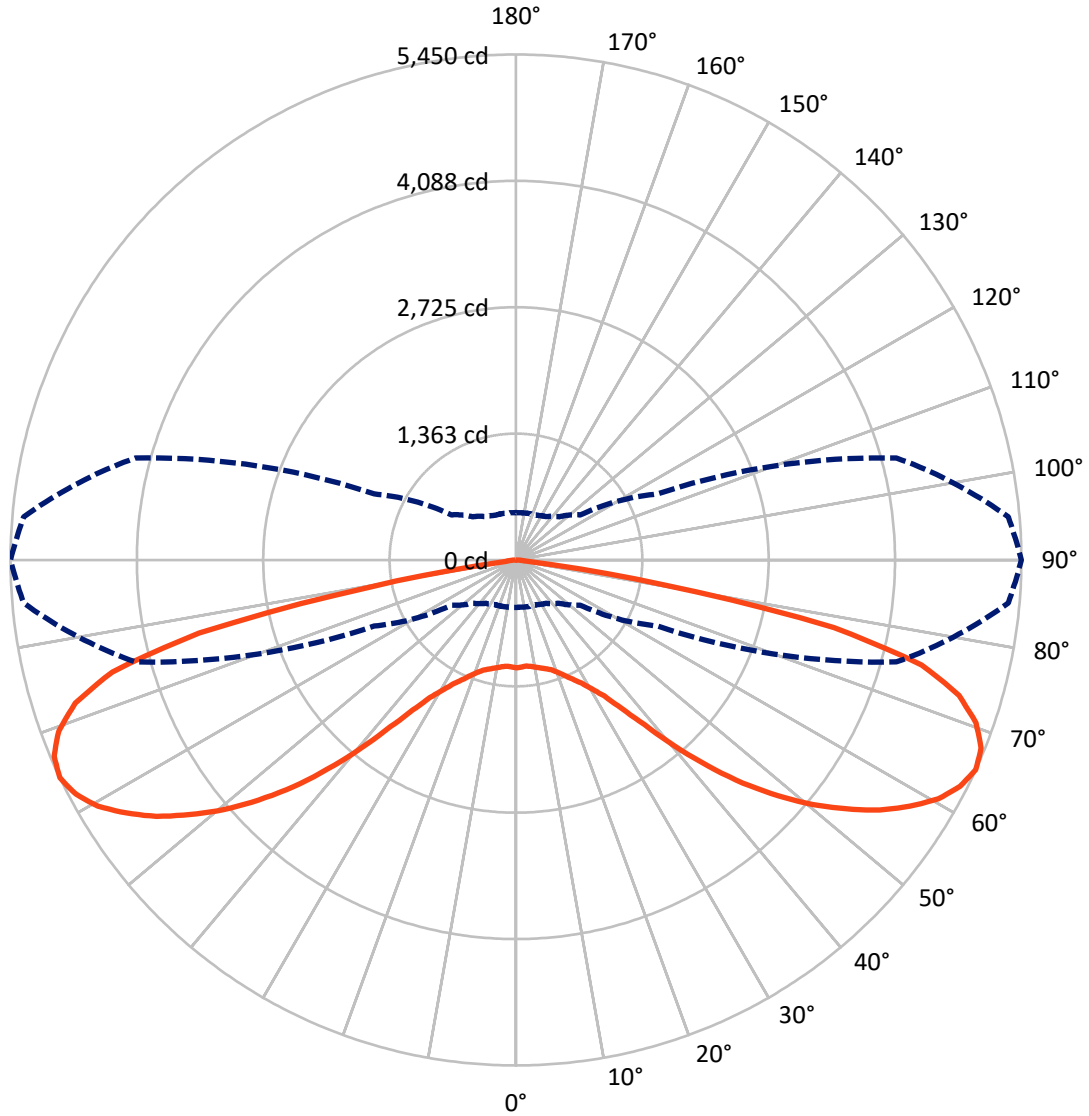
✕ Max cd
 - - - 1/2 Max cd



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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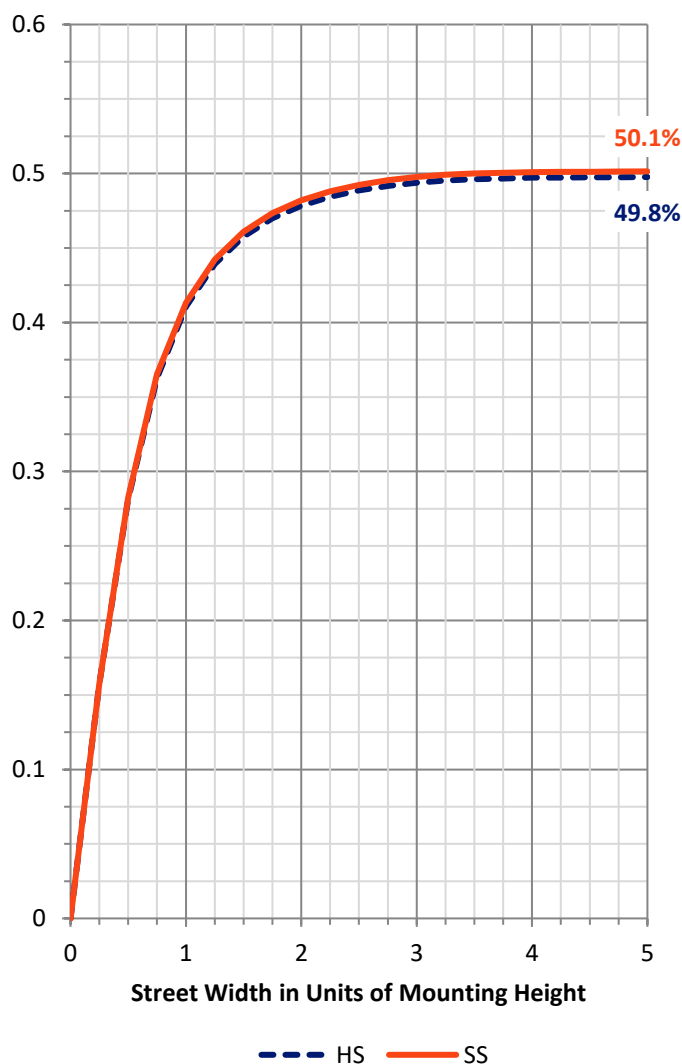
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3628.5	0.0	3628.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3628.5	0.0	3628.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	7257.0	0.0	7257.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.2	1.5
10°-20°	330.4	4.6
20°-30°	548.5	7.6
30°-40°	805.6	11.1
40°-50°	1184.2	16.3
50°-60°	1544.4	21.3
60°-70°	1622.8	22.4
70°-80°	1037.1	14.3
80°-90°	73.8	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°	7257.0	100.0
0°-180°	7257.0	100.0

Coefficient of Utilization



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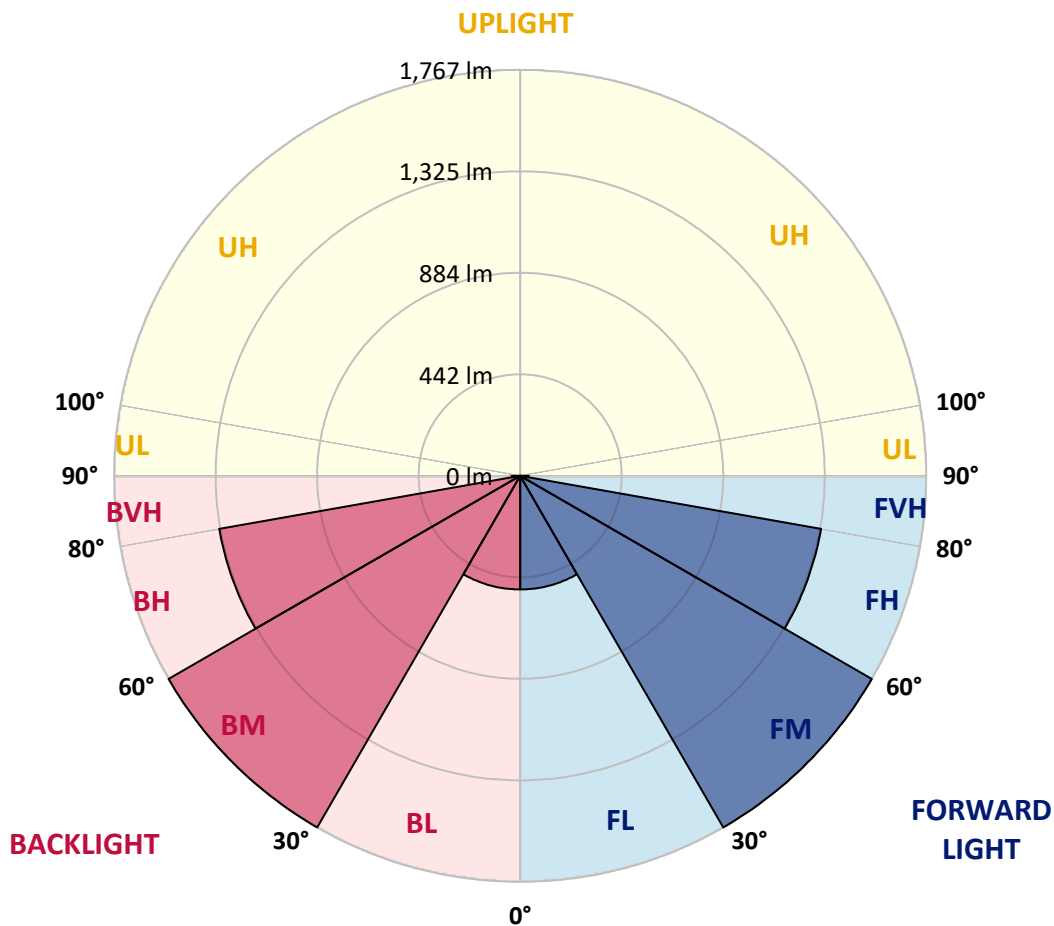
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	494.6	6.8			
FM (30°-60°)	1767.1	24.4			
FH (60°-80°)	1329.9	18.3			G1/1800
FVH (80°-90°)	36.9	0.5			G1/100
BL (0°-30°)	494.6	6.8	B1/500		
BM (30°-60°)	1767.1	24.4	B2/2500		
BH (60°-80°)	1329.9	18.3	B3/2500		G3/2500
BVH (80°-90°)	36.9	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°	1163.6	1163.6	1163.6	1163.6	1163.6	1163.6	1163.6	1163.6	1163.6	1163.6	1163.6
2.5°	1163.6	1160.8	1160.8	1159.3	1159.3	1159.3	1157.9	1156.5	1155.1	1153.7	1155.1
5°	1150.9	1149.5	1150.9	1152.3	1150.9	1150.9	1149.5	1149.5	1149.5	1148.1	1149.5
7.5°	1149.5	1149.5	1149.5	1149.5	1152.3	1152.3	1152.3	1155.1	1155.1	1157.9	1157.9
10°	1150.9	1149.5	1150.9	1152.3	1155.1	1157.9	1163.6	1169.2	1172.0	1176.2	1176.2
12.5°	1135.4	1135.4	1136.8	1143.8	1152.3	1159.3	1170.6	1181.9	1191.7	1194.6	1194.6
15°	1117.1	1118.5	1119.9	1129.8	1148.1	1165.0	1179.1	1194.6	1211.5	1215.7	1217.1
17.5°	1090.3	1091.7	1096.0	1114.3	1142.4	1170.6	1196.0	1217.1	1234.0	1242.5	1245.3
20°	1050.9	1052.3	1059.3	1091.7	1134.0	1176.2	1214.3	1243.9	1273.4	1288.9	1293.2
22.5°	1005.8	1005.8	1022.7	1066.4	1118.5	1176.2	1231.2	1277.7	1328.4	1350.9	1353.7
25°	949.5	952.3	983.3	1034.0	1101.6	1176.2	1255.1	1325.6	1383.3	1414.3	1424.2
27.5°	904.4	903.0	938.2	1001.6	1084.7	1179.1	1279.1	1374.9	1459.4	1498.8	1503.1
30°	852.3	855.1	898.7	972.0	1073.4	1186.1	1308.7	1427.0	1539.7	1601.7	1612.9
32.5°	815.6	818.4	859.3	938.2	1057.9	1193.2	1342.5	1493.2	1639.7	1725.6	1746.8
35°	781.8	784.6	824.1	905.8	1035.4	1197.4	1380.5	1577.7	1776.3	1928.5	1962.3
37.5°	752.2	756.5	790.3	872.0	1008.6	1201.6	1420.0	1679.1	1948.2	2197.5	2252.5
40°	728.3	729.7	763.5	832.5	980.4	1200.2	1460.8	1779.2	2158.1	2532.8	2635.6
42.5°	710.0	711.4	736.7	801.5	946.6	1187.5	1501.7	1882.0	2401.8	2930.1	3035.7
45°	688.8	690.3	715.6	772.0	908.6	1169.2	1531.2	1979.2	2663.8	3294.9	3431.5
47.5°	670.5	673.3	697.3	750.8	872.0	1134.0	1545.3	2072.2	2924.4	3654.1	3796.4
50°	660.7	660.7	680.4	728.3	833.9	1074.8	1531.2	2152.5	3193.5	3990.8	4147.2
52.5°	648.0	643.8	662.1	701.5	797.3	1011.4	1477.7	2208.8	3462.5	4313.4	4457.1
55°	625.5	625.5	641.0	673.3	762.1	943.8	1380.5	2225.7	3718.9	4589.5	4761.3
57.5°	597.3	600.1	614.2	642.4	721.2	877.6	1253.7	2170.8	3947.1	4855.7	5009.3
60°	574.7	574.7	586.0	610.0	676.2	811.4	1117.1	2077.8	4140.1	5081.1	5231.8
62.5°	546.6	548.0	557.8	576.2	628.3	739.6	983.3	1894.7	4250.0	5238.9	5375.5
65°	511.4	509.9	519.8	531.1	570.5	659.3	848.0	1686.2	4247.2	5329.0	5450.2
67.5°	466.3	466.3	473.3	481.8	507.1	579.0	733.9	1518.6	4085.2	5299.5	5409.3
70°	414.2	412.7	418.4	419.8	439.5	495.9	618.4	1380.5	3672.4	5129.0	5262.8
72.5°	325.4	332.4	342.3	350.8	369.1	402.9	514.2	1246.7	3073.7	4786.7	4995.2
75°	49.3	45.1	81.7	164.8	276.1	309.9	412.7	1070.6	2522.9	4130.3	4517.6
77.5°	14.1	15.5	19.7	22.5	26.8	160.6	302.9	845.2	2006.0	3185.0	3506.2
80°	11.3	12.7	15.5	18.3	22.5	23.9	91.6	529.7	1026.9	1614.3	1607.3
82.5°	8.5	8.5	11.3	12.7	15.5	18.3	45.1	139.5	174.7	132.4	105.7
85°	5.6	4.2	7.0	8.5	8.5	12.7	16.9	19.7	16.9	54.9	69.0
87.5°	2.8	2.8	4.2	4.2	5.6	5.6	5.6	5.6	8.5	22.5	28.2
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)