

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: P510877

Luminaire Tested: **PRV-P-C10-D-UNV-T1-7030**

Issue Date: 4/7/2021

Test Information

Test Method: LM-79-08
Report Number: P510877
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-T1-7030
Description: PREVAIL AREA AND WALL LUMINAIRE
(1) 70 CRI, 3000K, 600mA LED AND TYPE I OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5066 lumens
Efficiency: N/A
Efficacy: 146.4 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

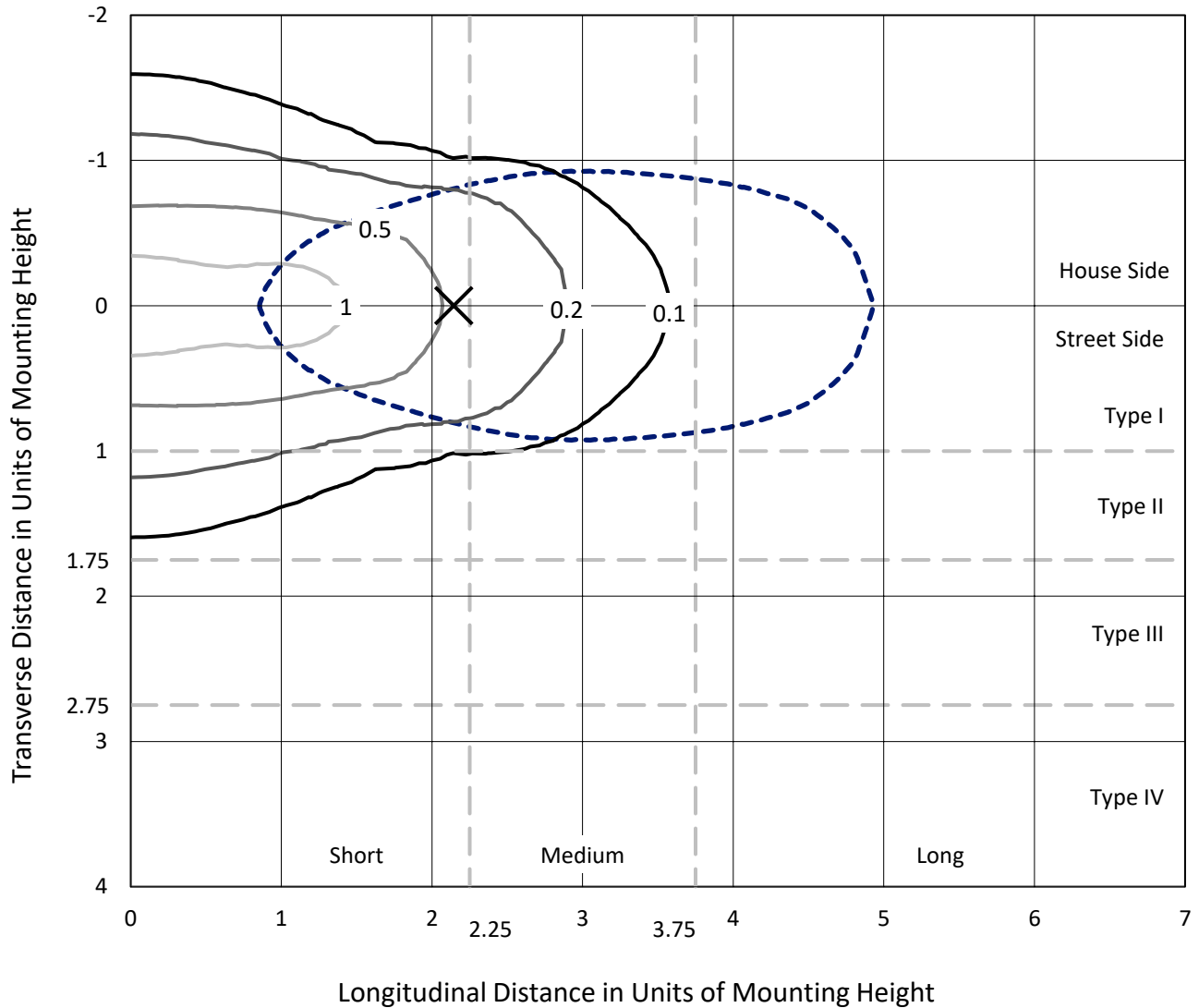
Input Watts (W): 34.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

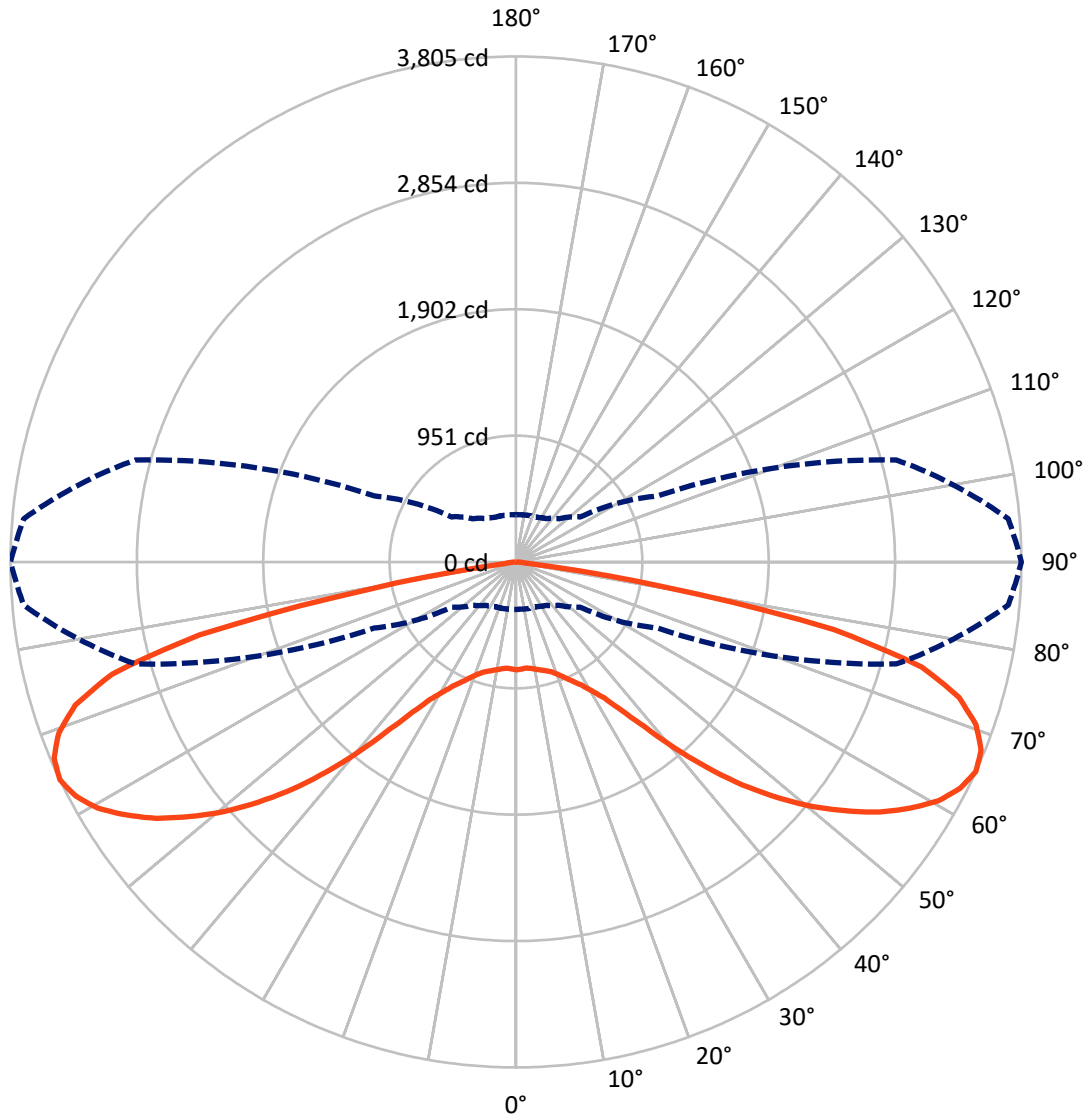
✕ Max cd
 - - - 1/2 Max cd



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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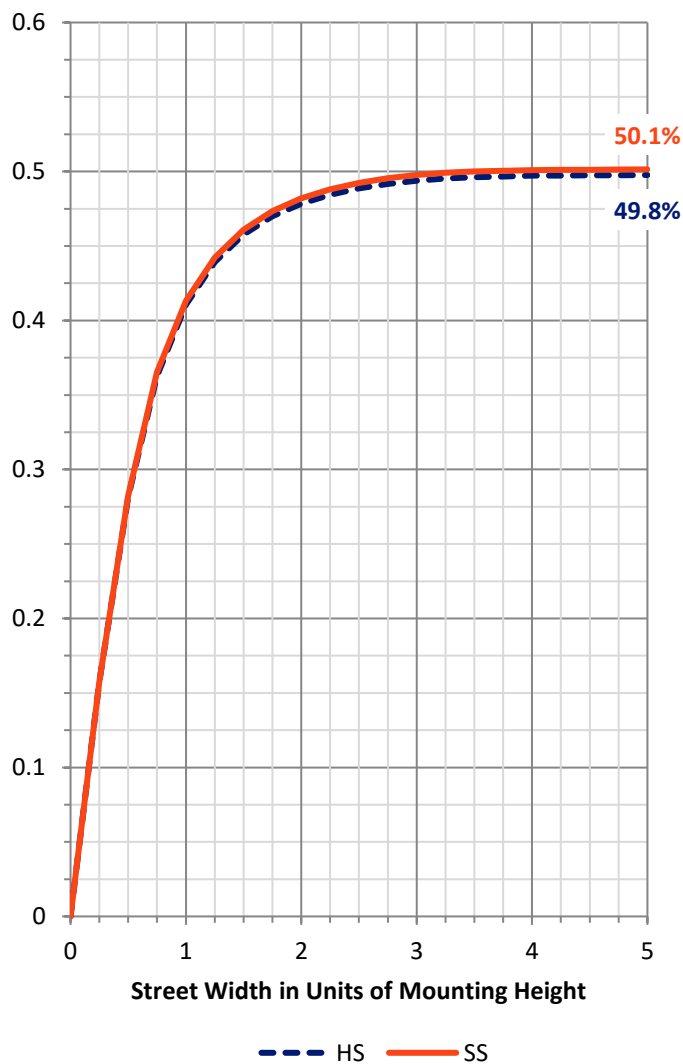
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2533.0	0.0	2533.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2533.0	0.0	2533.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	5066.0	0.0	5066.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.0	1.5
10°-20°	230.7	4.6
20°-30°	382.9	7.6
30°-40°	562.4	11.1
40°-50°	826.7	16.3
50°-60°	1078.1	21.3
60°-70°	1132.8	22.4
70°-80°	724.0	14.3
80°-90°	51.5	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°	5066.0	100.0
0°-180°	5066.0	100.0

Coefficient of Utilization

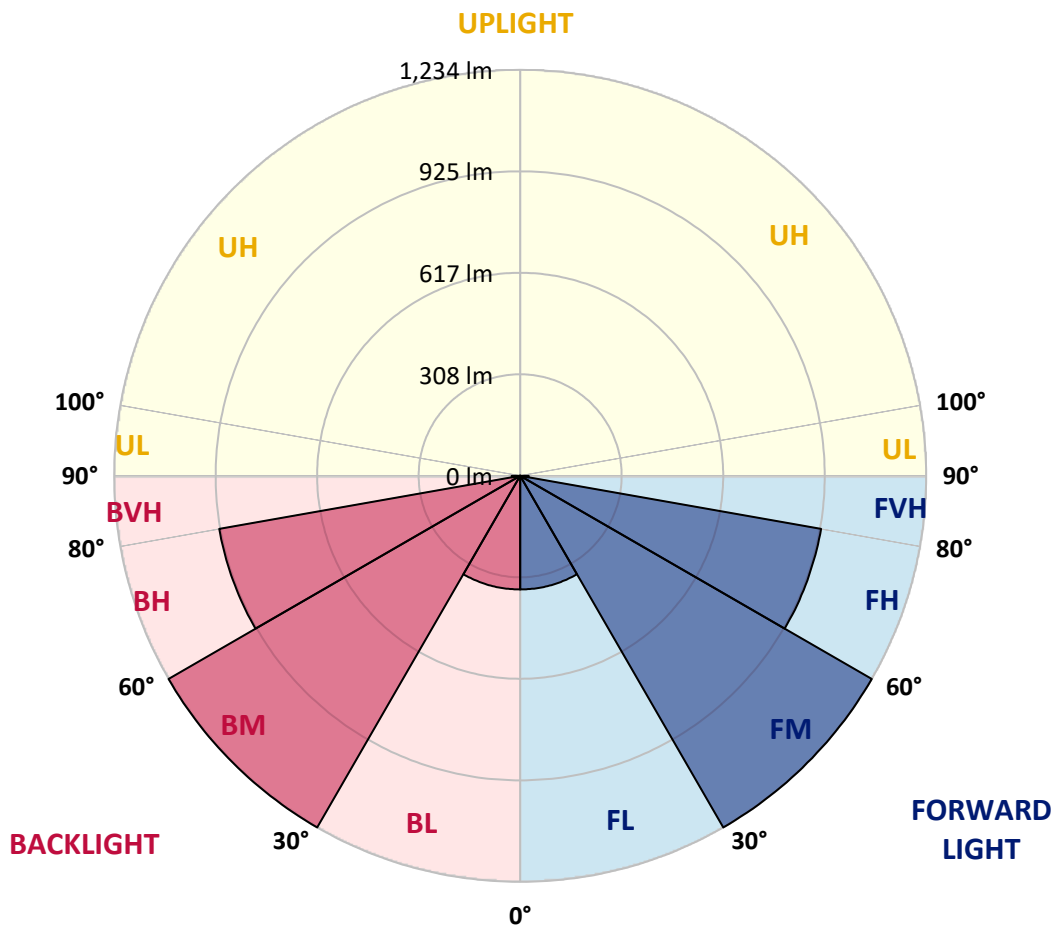


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	345.3	6.8			
FM (30°-60°)	1233.6	24.4			
FH (60°-80°)	928.4	18.3			G1/1800
FVH (80°-90°)	25.8	0.5			G1/100
BL (0°-30°)	345.3	6.8	B1/500		
BM (30°-60°)	1233.6	24.4	B2/2500		
BH (60°-80°)	928.4	18.3	B2/1000		G2/1000
BVH (80°-90°)	25.8	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°	812.3	812.3	812.3	812.3	812.3	812.3	812.3	812.3	812.3	812.3	812.3
2.5°	812.3	810.3	810.3	809.3	809.3	809.3	808.3	807.4	806.4	805.4	806.4
5°	803.4	802.4	803.4	804.4	803.4	803.4	802.4	802.4	802.4	801.5	802.4
7.5°	802.4	802.4	802.4	802.4	804.4	804.4	804.4	806.4	806.4	808.3	808.3
10°	803.4	802.4	803.4	804.4	806.4	808.3	812.3	816.2	818.2	821.1	821.1
12.5°	792.6	792.6	793.6	798.5	804.4	809.3	817.2	825.1	831.9	833.9	833.9
15°	779.8	780.8	781.8	788.7	801.5	813.3	823.1	833.9	845.7	848.7	849.6
17.5°	761.1	762.1	765.1	777.9	797.5	817.2	834.9	849.6	861.4	867.3	869.3
20°	733.6	734.6	739.5	762.1	791.6	821.1	847.7	868.3	889.0	899.8	902.7
22.5°	702.1	702.1	713.9	744.4	780.8	821.1	859.5	891.9	927.3	943.1	945.0
25°	662.8	664.8	686.4	721.8	769.0	821.1	876.2	925.4	965.7	987.3	994.2
27.5°	631.3	630.3	654.9	699.2	757.2	823.1	892.9	959.8	1018.8	1046.3	1049.3
30°	594.9	596.9	627.4	678.5	749.3	828.0	913.6	996.2	1074.8	1118.1	1126.0
32.5°	569.4	571.3	599.9	654.9	738.5	832.9	937.2	1042.4	1144.7	1204.6	1219.4
35°	545.8	547.7	575.3	632.3	722.8	835.9	963.7	1101.4	1240.0	1346.2	1369.8
37.5°	525.1	528.1	551.7	608.7	704.1	838.8	991.2	1172.2	1360.0	1534.1	1572.4
40°	508.4	509.4	533.0	581.2	684.4	837.8	1019.8	1242.0	1506.5	1768.1	1839.9
42.5°	495.6	496.6	514.3	559.5	660.8	829.0	1048.3	1313.8	1676.7	2045.4	2119.2
45°	480.9	481.9	499.6	538.9	634.3	816.2	1068.9	1381.6	1859.6	2300.1	2395.5
47.5°	468.1	470.1	486.8	524.1	608.7	791.6	1078.8	1446.6	2041.5	2550.9	2650.2
50°	461.2	461.2	475.0	508.4	582.2	750.3	1068.9	1502.6	2229.3	2785.9	2895.1
52.5°	452.4	449.4	462.2	489.7	556.6	706.1	1031.6	1541.9	2417.1	3011.1	3111.4
55°	436.6	436.6	447.4	470.1	532.0	658.9	963.7	1553.7	2596.1	3203.8	3323.8
57.5°	417.0	418.9	428.8	448.4	503.5	612.6	875.2	1515.4	2755.4	3389.7	3496.9
60°	401.2	401.2	409.1	425.8	472.0	566.4	779.8	1450.5	2890.2	3547.0	3652.3
62.5°	381.6	382.5	389.4	402.2	438.6	516.3	686.4	1322.6	2966.9	3657.2	3752.6
65°	357.0	356.0	362.9	370.7	398.3	460.2	592.0	1177.1	2964.9	3720.1	3804.7
67.5°	325.5	325.5	330.4	336.3	354.0	404.2	512.3	1060.1	2851.8	3699.5	3776.2
70°	289.1	288.1	292.1	293.0	306.8	346.1	431.7	963.7	2563.7	3580.5	3673.9
72.5°	227.2	232.1	239.0	244.9	257.6	281.2	358.9	870.3	2145.7	3341.5	3487.1
75°	34.4	31.5	57.0	115.1	192.7	216.3	288.1	747.4	1761.2	2883.3	3153.7
77.5°	9.8	10.8	13.8	15.7	18.7	112.1	211.4	590.0	1400.3	2223.4	2447.6
80°	7.9	8.9	10.8	12.8	15.7	16.7	63.9	369.8	716.9	1127.0	1122.0
82.5°	5.9	5.9	7.9	8.9	10.8	12.8	31.5	97.4	121.9	92.4	73.8
85°	3.9	3.0	4.9	5.9	5.9	8.9	11.8	13.8	11.8	38.4	48.2
87.5°	2.0	2.0	3.0	3.0	3.9	3.9	3.9	3.9	5.9	15.7	19.7
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)