

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: P510878

Luminaire Tested: **PRV-P-C10-D-UNV-T1-7050**

Issue Date: 4/7/2021

Test Information

Test Method: LM-79-08
Report Number: P510878
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-T1-7050
Description: PREVAIL AREA AND WALL LUMINAIRE
(1) 70 CRI, 5000K, 600mA LED AND TYPE I OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5254 lumens
Efficiency: N/A
Efficacy: 151.8 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

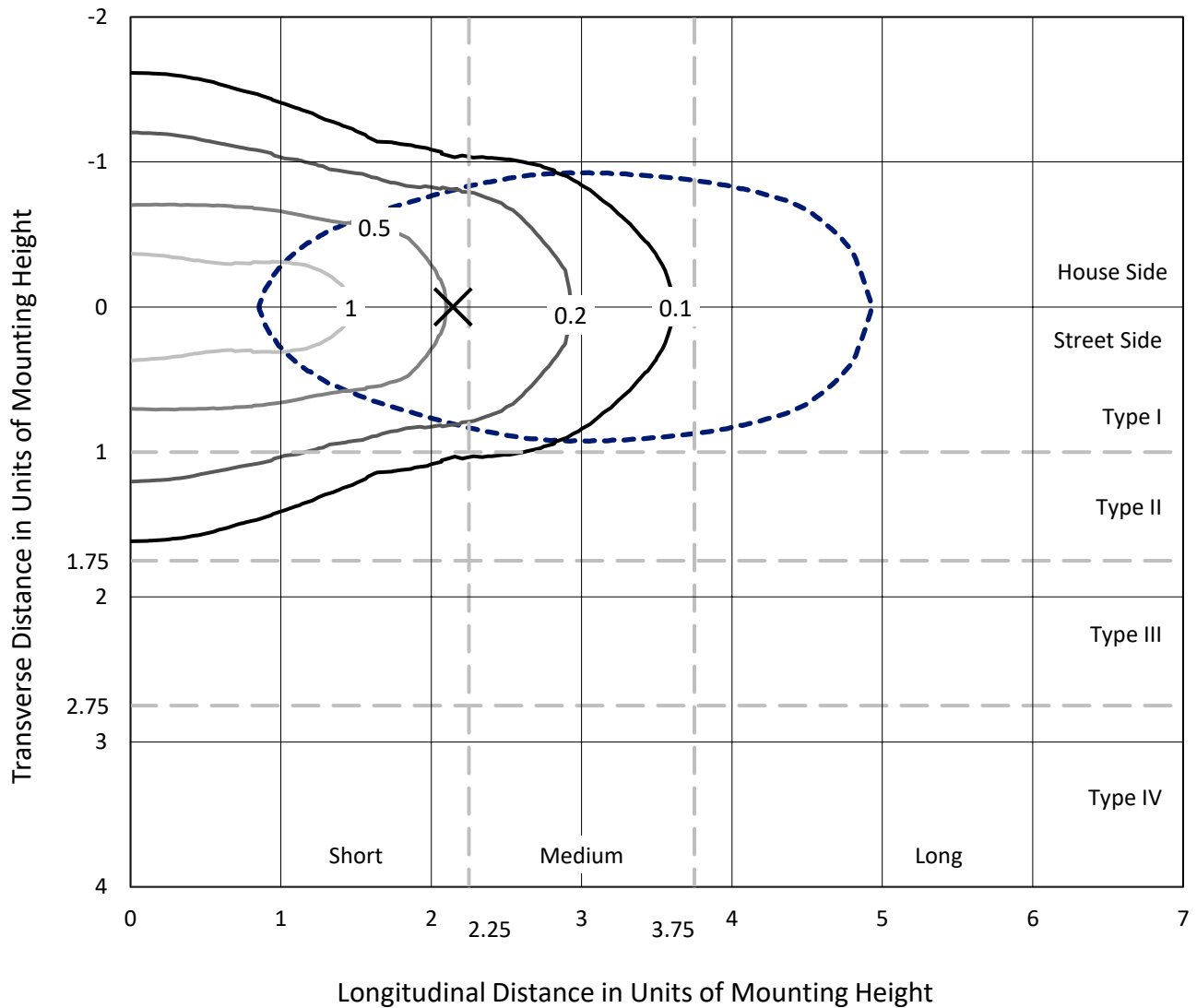
Input Watts (W): 34.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

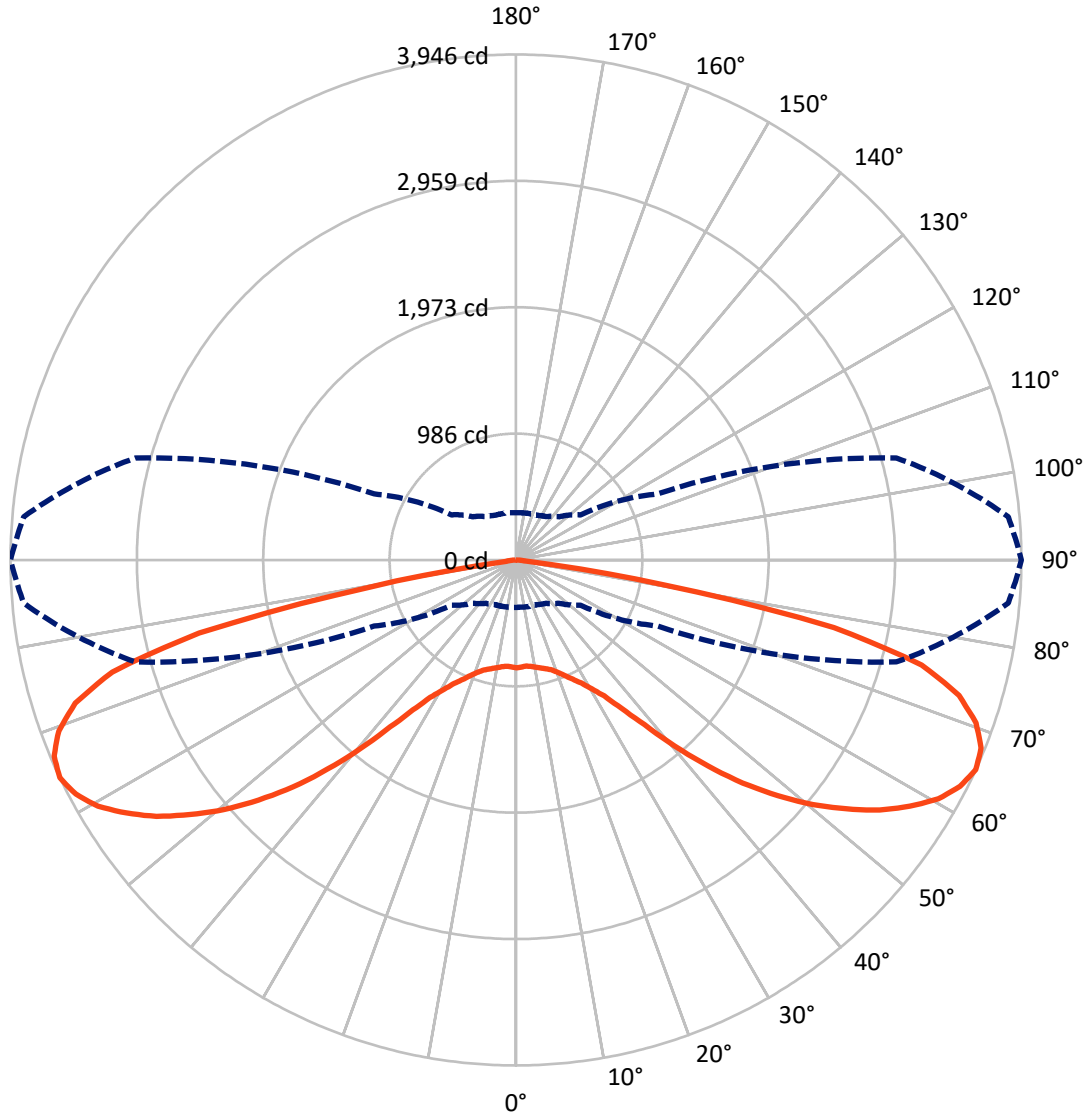
✕ Max cd
 - - - 1/2 Max cd



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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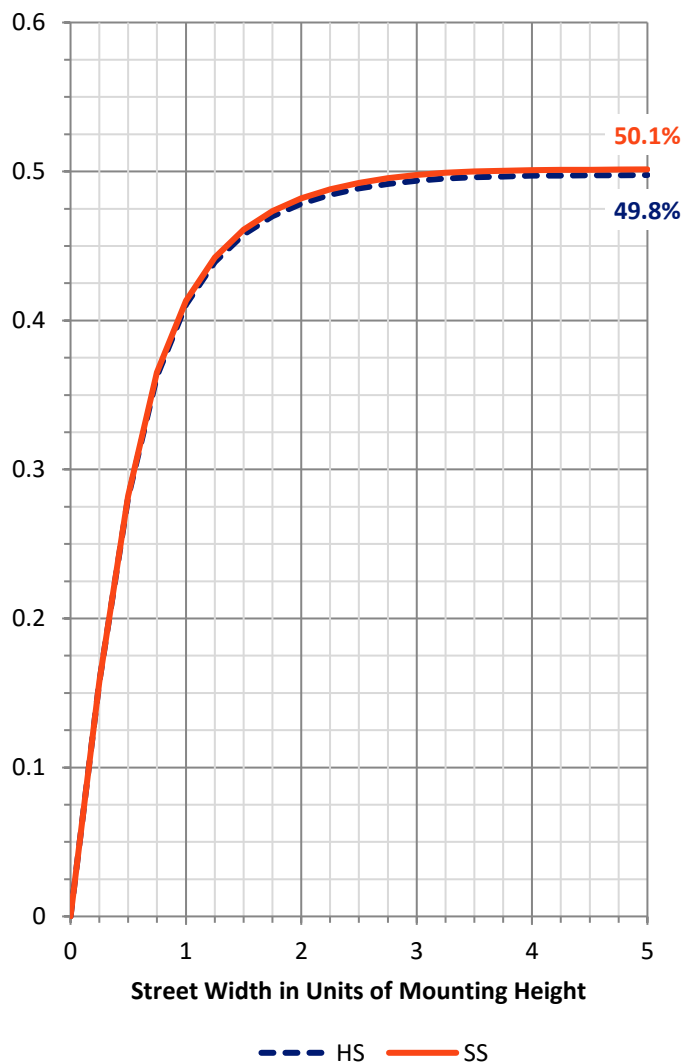
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2627.0	0.0	2627.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2627.0	0.0	2627.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	5254.0	0.0	5254.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.8	1.5
10°-20°	239.2	4.6
20°-30°	397.1	7.6
30°-40°	583.2	11.1
40°-50°	857.4	16.3
50°-60°	1118.1	21.3
60°-70°	1174.9	22.4
70°-80°	750.9	14.3
80°-90°	53.4	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°	5254.0	100.0
0°-180°	5254.0	100.0

Coefficient of Utilization



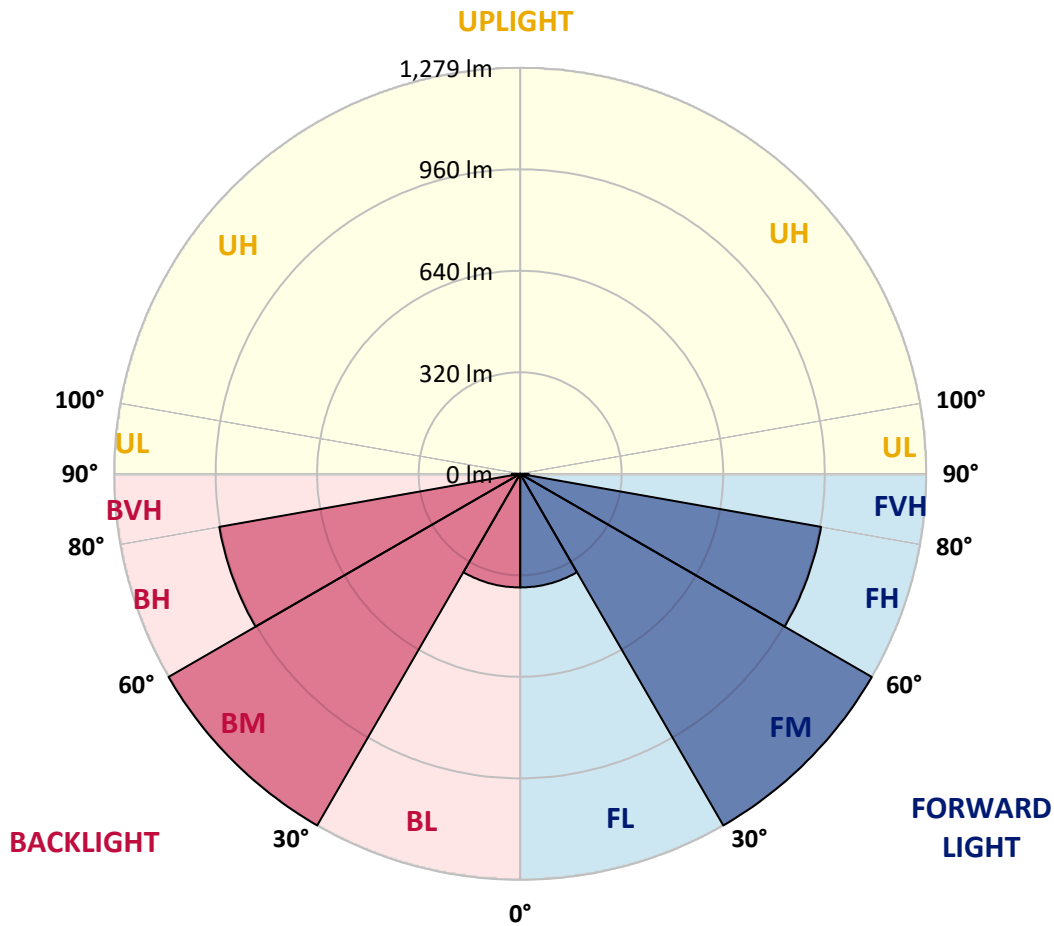
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	358.1	6.8			
FM (30°-60°)	1279.4	24.4			
FH (60°-80°)	962.9	18.3			G1/1800
FVH (80°-90°)	26.7	0.5			G1/100
BL (0°-30°)	358.1	6.8	B1/500		
BM (30°-60°)	1279.4	24.4	B2/2500		
BH (60°-80°)	962.9	18.3	B2/1000		G2/1000
BVH (80°-90°)	26.7	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°	842.4	842.4	842.4	842.4	842.4	842.4	842.4	842.4	842.4	842.4	842.4
2.5°	842.4	840.4	840.4	839.4	839.4	839.4	838.3	837.3	836.3	835.3	836.3
5°	833.2	832.2	833.2	834.3	833.2	833.2	832.2	832.2	832.2	831.2	832.2
7.5°	832.2	832.2	832.2	832.2	834.3	834.3	834.3	836.3	836.3	838.3	838.3
10°	833.2	832.2	833.2	834.3	836.3	838.3	842.4	846.5	848.5	851.6	851.6
12.5°	822.0	822.0	823.0	828.1	834.3	839.4	847.5	855.7	862.8	864.9	864.9
15°	808.8	809.8	810.8	817.9	831.2	843.4	853.6	864.9	877.1	880.2	881.2
17.5°	789.4	790.4	793.5	806.7	827.1	847.5	865.9	881.2	893.4	899.5	901.6
20°	760.8	761.8	766.9	790.4	821.0	851.6	879.1	900.5	922.0	933.2	936.2
22.5°	728.2	728.2	740.4	772.0	809.8	851.6	891.4	925.0	961.7	978.1	980.1
25°	687.4	689.4	711.9	748.6	797.5	851.6	908.7	959.7	1001.5	1024.0	1031.1
27.5°	654.8	653.7	679.2	725.1	785.3	853.6	926.0	995.4	1056.6	1085.1	1088.2
30°	617.0	619.1	650.7	703.7	777.1	858.7	947.5	1033.1	1114.7	1159.6	1167.8
32.5°	590.5	592.5	622.1	679.2	765.9	863.8	971.9	1081.1	1187.1	1249.3	1264.6
35°	566.0	568.1	596.6	655.8	749.6	866.9	999.5	1142.3	1286.1	1396.2	1420.7
37.5°	544.6	547.7	572.1	631.3	730.2	870.0	1028.0	1215.7	1410.5	1591.0	1630.8
40°	527.3	528.3	552.8	602.7	709.8	868.9	1057.6	1288.1	1562.4	1833.7	1908.2
42.5°	514.0	515.0	533.4	580.3	685.4	859.8	1087.2	1362.5	1738.9	2121.3	2197.8
45°	498.7	499.7	518.1	558.9	657.8	846.5	1108.6	1432.9	1928.6	2385.5	2484.4
47.5°	485.5	487.5	504.8	543.6	631.3	821.0	1118.8	1500.2	2117.3	2645.5	2748.6
50°	478.3	478.3	492.6	527.3	603.8	778.2	1108.6	1558.4	2312.1	2889.3	3002.5
52.5°	469.1	466.1	479.3	507.9	577.2	732.3	1069.8	1599.2	2506.8	3122.8	3226.9
55°	452.8	452.8	464.0	487.5	551.8	683.3	999.5	1611.4	2692.5	3322.7	3447.2
57.5°	432.4	434.5	444.7	465.1	522.2	635.4	907.7	1571.6	2857.7	3515.5	3626.7
60°	416.1	416.1	424.3	441.6	489.5	587.4	808.8	1504.3	2997.4	3678.7	3787.8
62.5°	395.7	396.7	403.9	417.1	454.9	535.4	711.9	1371.7	3077.0	3792.9	3891.8
65°	370.2	369.2	376.3	384.5	413.0	477.3	614.0	1220.8	3074.9	3858.2	3945.9
67.5°	337.6	337.6	342.7	348.8	367.2	419.2	531.4	1099.4	2957.6	3836.8	3916.3
70°	299.8	298.8	302.9	303.9	318.2	359.0	447.7	999.5	2658.8	3713.4	3810.2
72.5°	235.6	240.7	247.8	253.9	267.2	291.7	372.3	902.6	2225.4	3465.5	3616.5
75°	35.7	32.6	59.2	119.3	199.9	224.4	298.8	775.1	1826.6	2990.3	3270.7
77.5°	10.2	11.2	14.3	16.3	19.4	116.3	219.3	611.9	1452.3	2305.9	2538.5
80°	8.2	9.2	11.2	13.3	16.3	17.3	66.3	383.5	743.5	1168.8	1163.7
82.5°	6.1	6.1	8.2	9.2	11.2	13.3	32.6	101.0	126.5	95.9	76.5
85°	4.1	3.1	5.1	6.1	6.1	9.2	12.2	14.3	12.2	39.8	50.0
87.5°	2.0	2.0	3.1	3.1	4.1	4.1	4.1	4.1	6.1	16.3	20.4
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)