

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: P510919

Luminaire Tested: **PRV-P-C10-D-UNV-T5-7030**

Issue Date: 4/7/2021

Test Information

Test Method: LM-79-08
Report Number: P510919
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2103-170-8)
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-T5-7030
Description: PREVAIL AREA AND WALL LUMINAIRE
(1) 70 CRI, 3000K, 600mA LED AND TYPE V OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4975 lumens
Efficiency: N/A
Efficacy: 143.8 lumens/watt
Luminous Opening: Rectangular (W 1.04' x L: 0.58' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

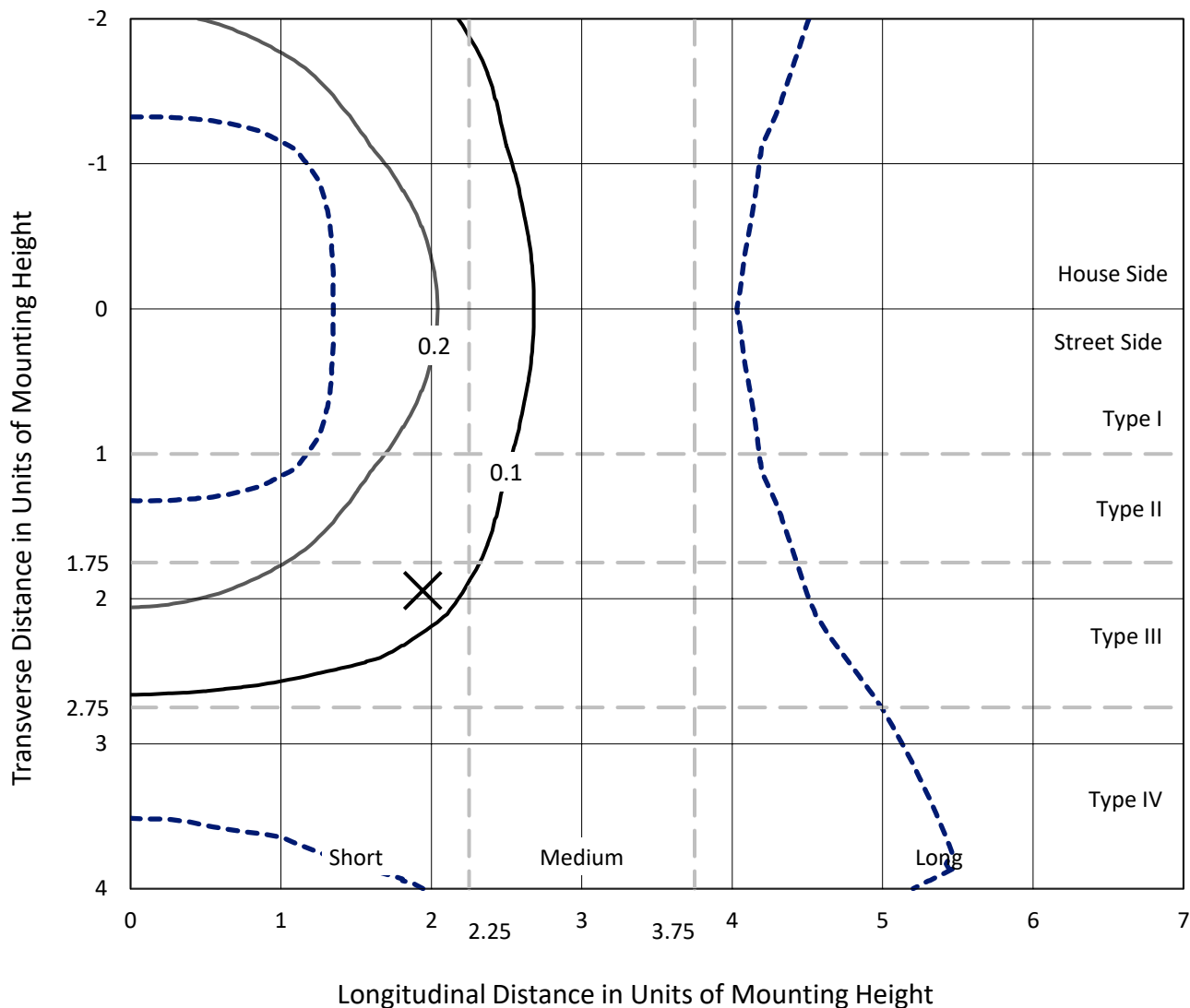
Input Watts (W): 34.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P510919
 CATALOG NUMBER: PRV-P-C10-D-UNV-T5-7030

Iso-Footcandle Lines of Horizontal Illumination

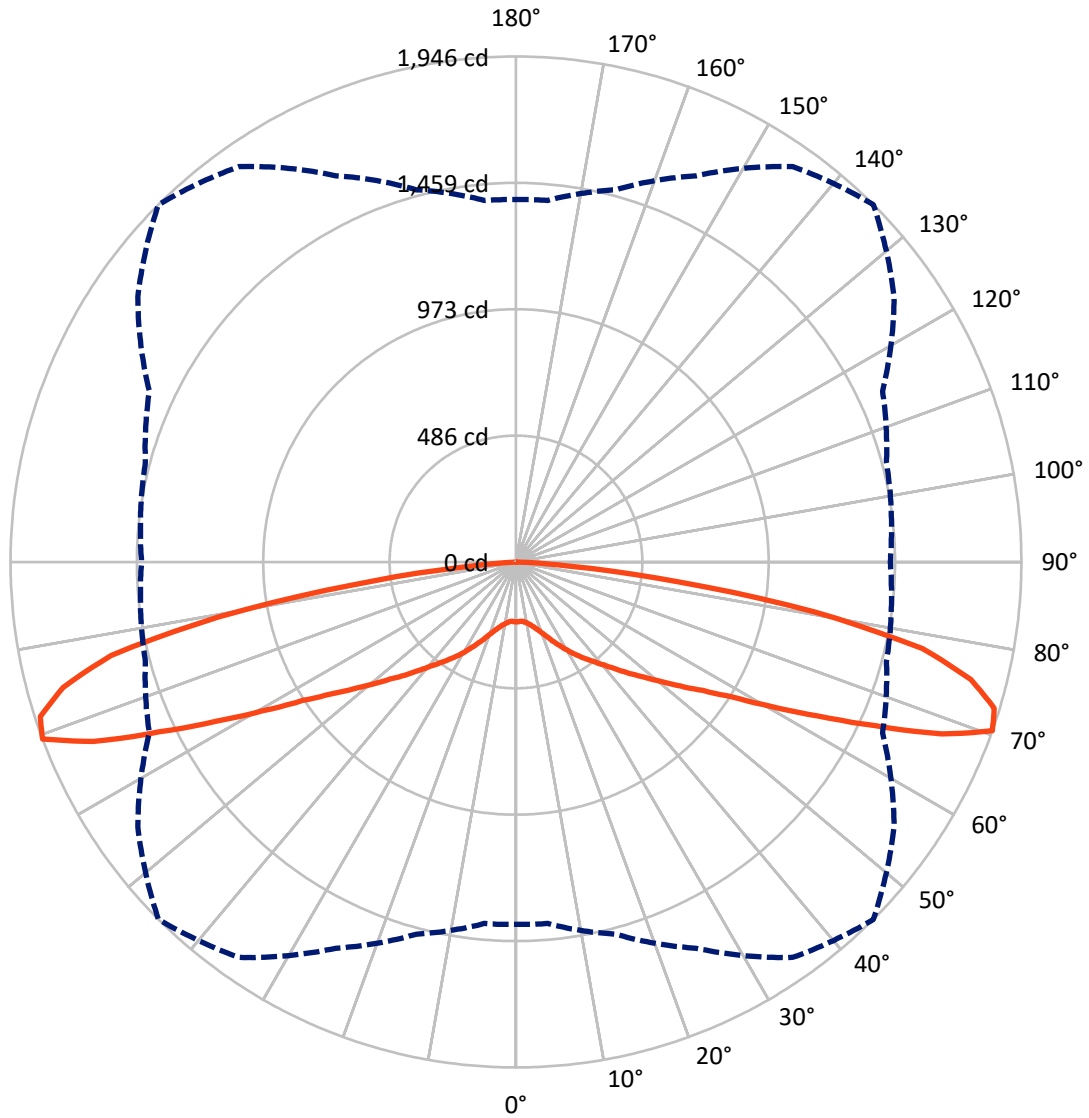
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.4 fc
 Type V - Short - N/A

REPORT NUMBER: P510919
CATALOG NUMBER: PRV-P-C10-D-UNV-T5-7030

Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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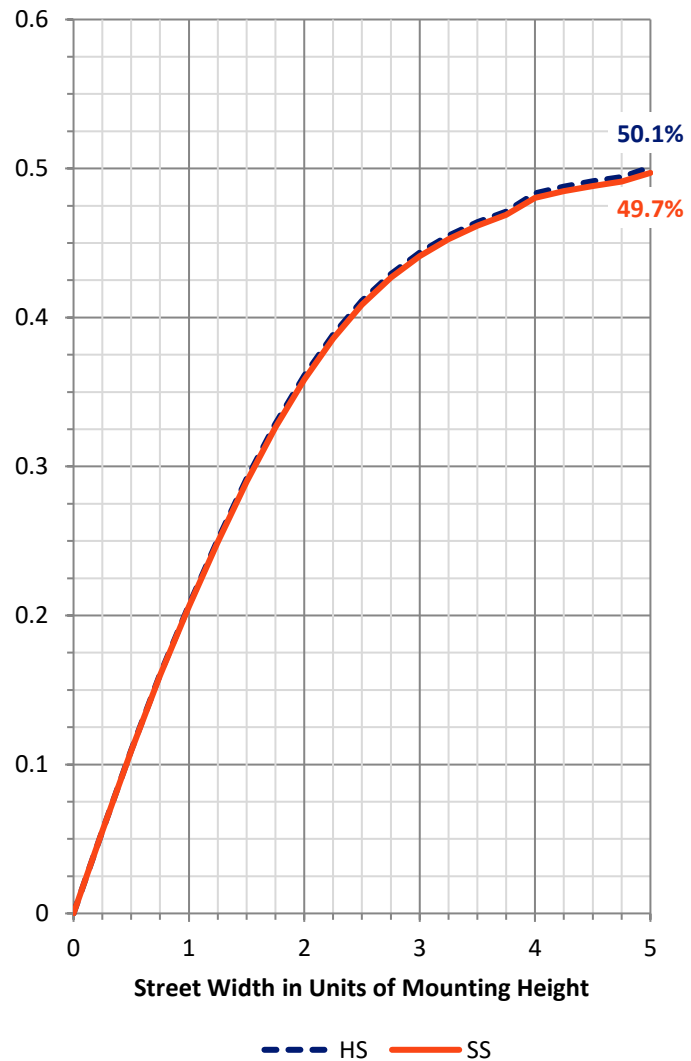
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2487.5	0.0	2487.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2487.5	0.0	2487.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	4975.0	0.0	4975.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.3	0.4
10°-20°	74.2	1.5
20°-30°	156.0	3.1
30°-40°	288.6	5.8
40°-50°	499.8	10.0
50°-60°	884.2	17.8
60°-70°	1471.9	29.6
70°-80°	1332.6	26.8
80°-90°	245.5	4.9
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°	4975.0	100.0
0°-180°	4975.0	100.0



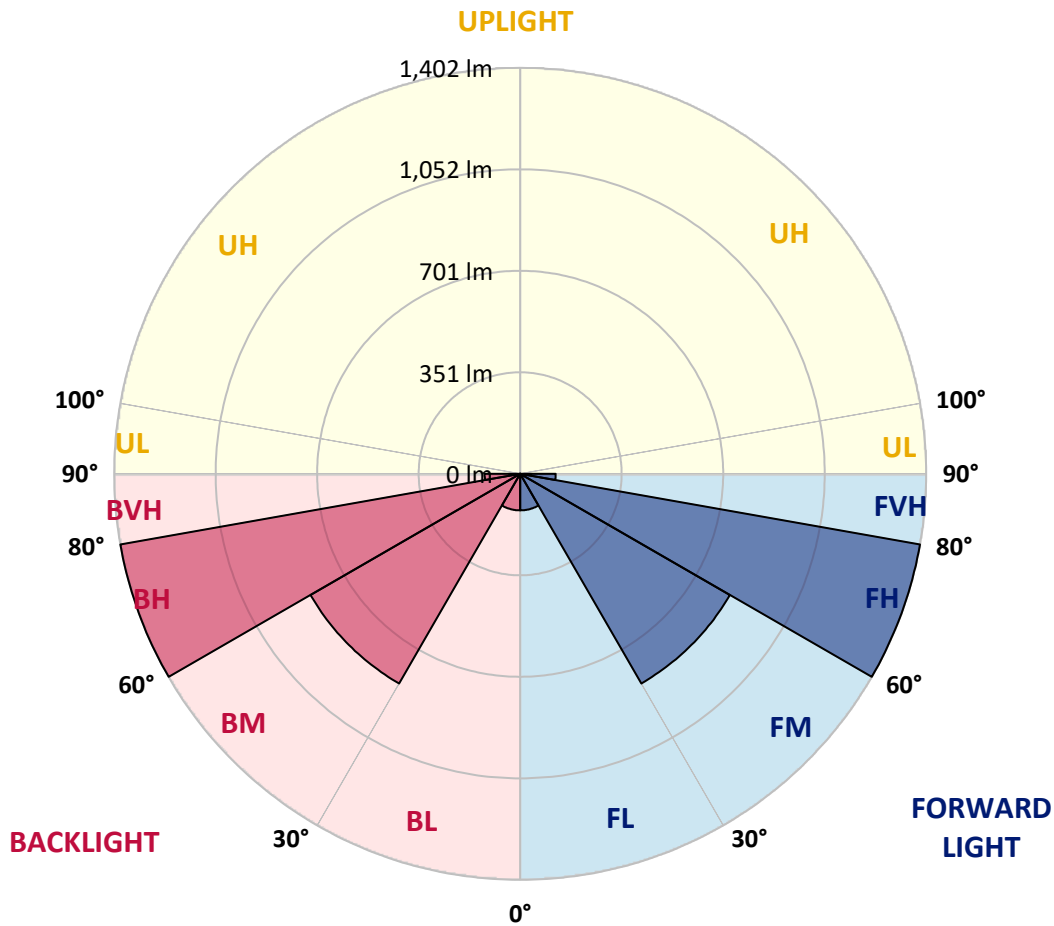
REPORT NUMBER: P510919
 CATALOG NUMBER: PRV-P-C10-D-UNV-T5-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	126.3	2.5			
FM (30°-60°)	836.3	16.8			
FH (60°-80°)	1402.2	28.2			G1/1800
FVH (80°-90°)	122.7	2.5			G2/225
BL (0°-30°)	126.3	2.5	B1/500		
BM (30°-60°)	836.3	16.8	B1/1000		
BH (60°-80°)	1402.2	28.2	B3/2500		G1/1800
BVH (80°-90°)	122.7	2.5			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	230.7	230.7	230.7	230.7	230.7	230.7	230.7	230.7	230.7	230.7	230.7
2.5°	230.7	229.7	229.7	228.8	228.8	229.7	229.7	230.7	231.7	231.7	231.7
5°	229.7	229.7	229.7	228.8	228.8	228.8	229.7	230.7	231.7	231.7	232.7
7.5°	232.7	233.7	232.7	231.7	231.7	232.7	233.7	234.6	235.6	236.6	235.6
10°	239.6	239.6	239.6	238.6	239.6	239.6	240.5	240.5	241.5	241.5	240.5
12.5°	246.4	246.4	246.4	247.4	247.4	248.4	249.4	248.4	247.4	246.4	246.4
15°	254.3	254.3	254.3	256.2	258.2	260.2	259.2	258.2	255.3	253.3	253.3
17.5°	266.1	266.1	266.1	269.0	272.9	274.9	273.9	270.0	269.0	268.0	268.0
20°	281.8	281.8	283.7	284.7	290.6	293.6	290.6	286.7	286.7	284.7	285.7
22.5°	301.4	302.4	301.4	305.3	311.2	315.1	311.2	309.3	307.3	307.3	307.3
25°	326.9	326.9	325.0	326.9	333.8	340.7	336.7	333.8	331.8	332.8	334.8
27.5°	352.5	353.4	352.5	351.5	359.3	367.2	362.3	359.3	361.3	362.3	362.3
30°	380.9	383.9	381.9	381.9	384.9	396.6	391.7	389.8	392.7	392.7	393.7
32.5°	416.3	417.3	415.3	414.3	417.3	426.1	421.2	422.2	426.1	429.0	429.0
35°	450.6	451.6	447.7	446.7	451.6	455.5	454.6	457.5	462.4	467.3	467.3
37.5°	488.9	486.0	485.0	482.1	483.0	487.0	487.9	494.8	503.6	508.6	509.5
40°	527.2	529.2	523.3	517.4	518.4	521.3	528.2	536.0	547.8	555.7	557.6
42.5°	580.2	579.2	571.4	560.6	558.6	562.6	574.3	588.1	602.8	610.7	611.6
45°	648.0	647.0	636.2	622.4	612.6	611.6	622.4	640.1	662.7	676.4	677.4
47.5°	731.4	729.5	710.8	681.4	659.8	660.7	672.5	699.0	727.5	747.1	749.1
50°	835.5	830.6	805.1	759.9	726.5	722.6	731.4	767.7	808.0	832.5	836.5
52.5°	952.3	944.5	916.0	854.1	810.0	793.3	802.1	850.2	898.3	926.8	927.8
55°	1070.1	1068.2	1037.7	976.9	911.1	873.8	891.5	945.4	1005.3	1036.8	1039.7
57.5°	1193.8	1188.9	1162.4	1105.5	1030.9	978.8	997.5	1057.4	1117.3	1151.6	1157.5
60°	1300.8	1302.8	1282.2	1245.9	1184.0	1128.1	1134.9	1185.0	1246.9	1278.3	1283.2
62.5°	1410.8	1406.9	1402.0	1380.4	1350.9	1304.8	1287.1	1323.4	1373.5	1399.0	1401.0
65°	1546.3	1545.3	1537.5	1525.7	1535.5	1518.8	1475.6	1481.5	1498.2	1516.8	1521.7
67.5°	1554.1	1553.2	1590.5	1654.3	1745.6	1768.2	1651.3	1574.8	1549.2	1539.4	1536.5
70°	1395.1	1397.1	1483.5	1640.5	1858.5	1945.9	1777.0	1557.1	1476.6	1451.1	1441.2
72.5°	1157.5	1169.3	1279.3	1505.1	1841.8	1925.3	1784.9	1479.5	1351.9	1294.0	1293.0
75°	867.9	875.7	982.8	1248.8	1690.6	1809.4	1675.9	1332.3	1164.4	1101.5	1080.0
77.5°	564.5	568.4	665.6	907.2	1346.0	1599.3	1496.2	1110.4	924.8	845.3	823.7
80°	301.4	313.2	385.8	555.7	852.2	1166.3	1219.4	826.7	605.8	510.5	498.7
82.5°	130.6	134.5	171.8	271.0	444.7	631.3	811.9	517.4	336.7	254.3	239.6
85°	17.7	16.7	30.4	55.0	105.0	208.1	317.1	268.0	163.0	113.9	112.9
87.5°	2.0	2.0	2.0	2.9	2.9	2.9	14.7	23.6	12.8	9.8	5.9
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)