

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: P511018

Luminaire Tested: **PRV-P-C20-D-UNV-T5**

Issue Date: 4/7/2021

Test Information

Test Method: LM-79-08
Report Number: P511018
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-C20-D-UNV-T5
Description: PREVAIL AREA AND WALL LUMINAIRE
(1) 70 CRI, 4000K, 1300mA LED AND TYPE V OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10126 lumens
Efficiency: N/A
Efficacy: 139.1 lumens/watt
Luminous Opening: Rectangular (W 1.04' x L: 0.58' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G3

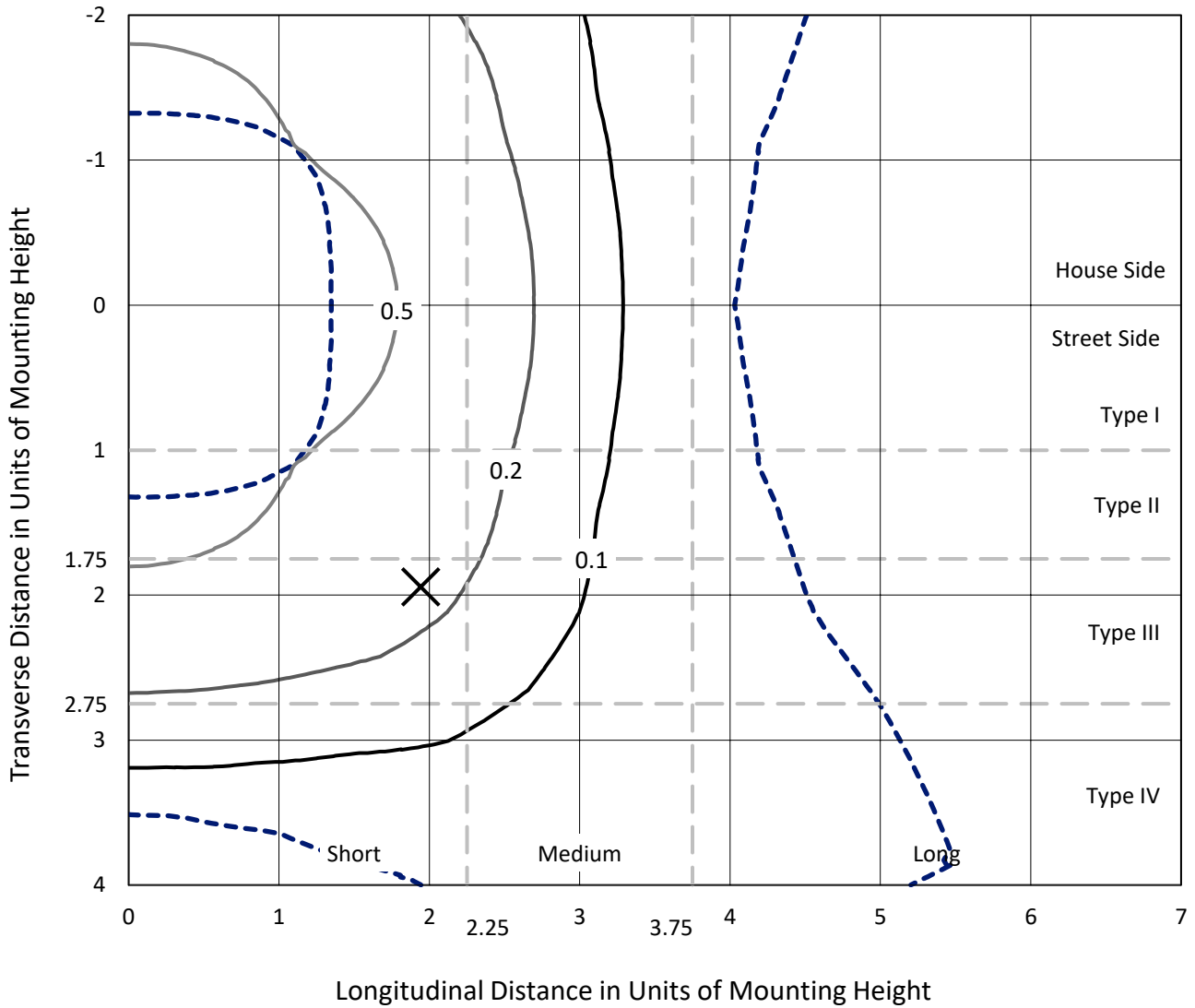
Input Watts (W): 72.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

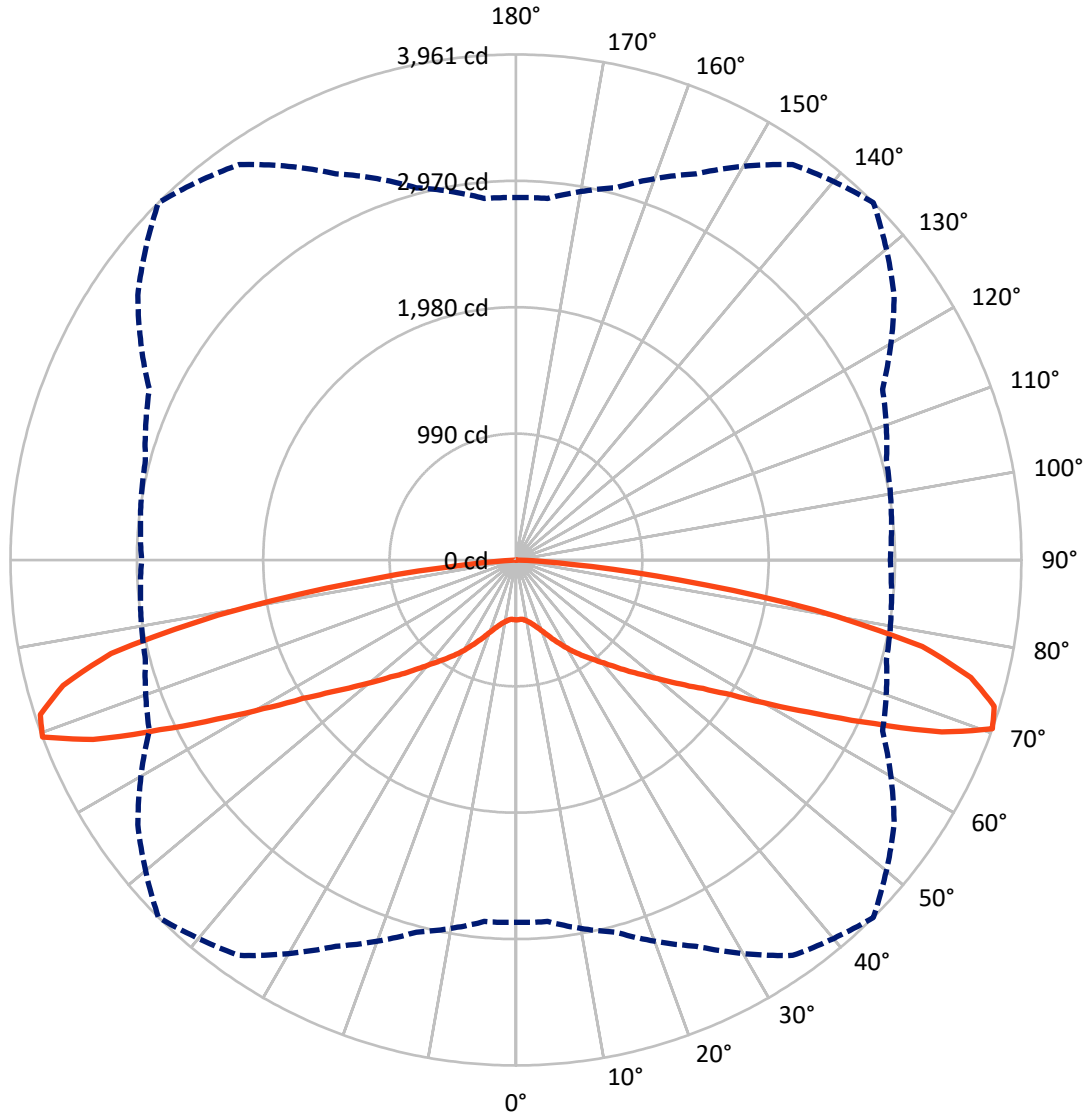
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.8 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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

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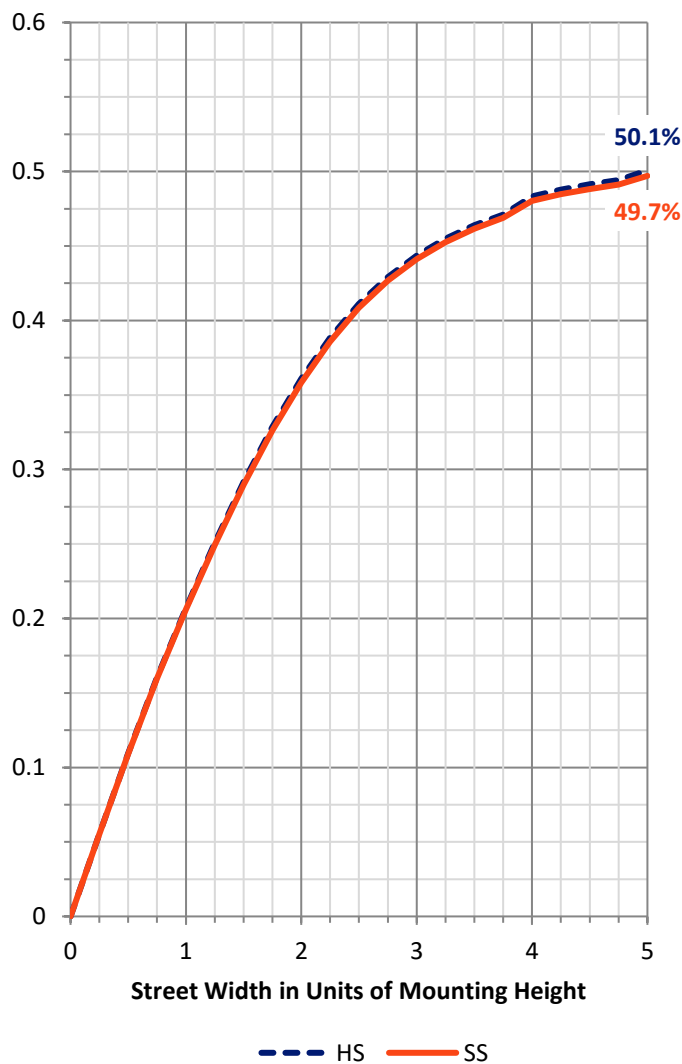
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5063.0	0.0	5063.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5063.0	0.0	5063.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	10126.0	0.0	10126.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.4	0.4
10°-20°	151.0	1.5
20°-30°	317.6	3.1
30°-40°	587.4	5.8
40°-50°	1017.2	10.0
50°-60°	1799.6	17.8
60°-70°	2995.9	29.6
70°-80°	2712.3	26.8
80°-90°	499.7	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°	10126.0	100.0
0°-180°	10126.0	100.0

Coefficient of Utilization

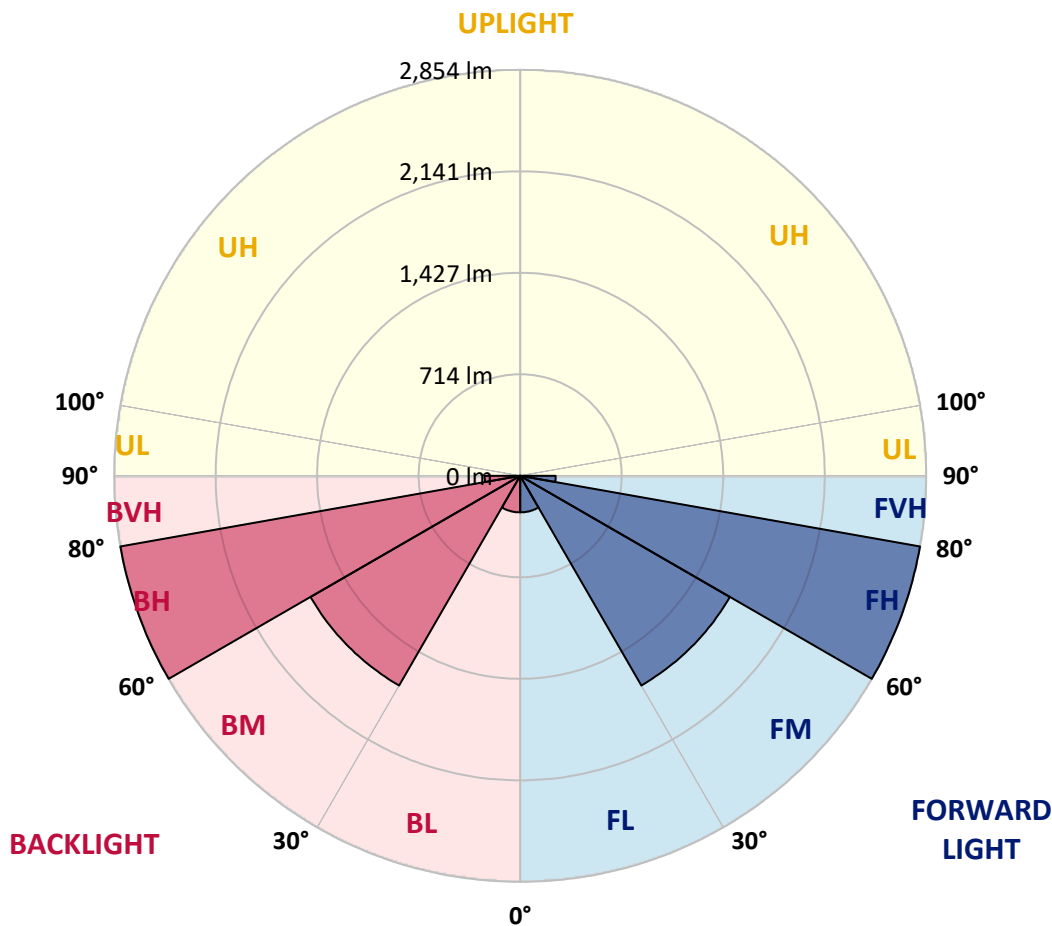


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	257.0	2.5			
FM (30°-60°)	1702.1	16.8			
FH (60°-80°)	2854.1	28.2			G2/5000
FVH (80°-90°)	249.8	2.5			G3/500
BL (0°-30°)	257.0	2.5	B1/500		
BM (30°-60°)	1702.1	16.8	B2/2500		
BH (60°-80°)	2854.1	28.2	B4/5000		G2/5000
BVH (80°-90°)	249.8	2.5			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G3
 Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	469.6	469.6	469.6	469.6	469.6	469.6	469.6	469.6	469.6	469.6	469.6
2.5°	469.6	467.6	467.6	465.6	465.6	467.6	467.6	469.6	471.6	471.6	471.6
5°	467.6	467.6	467.6	465.6	465.6	465.6	467.6	469.6	471.6	471.6	473.6
7.5°	473.6	475.6	473.6	471.6	471.6	473.6	475.6	477.6	479.6	481.6	479.6
10°	487.6	487.6	487.6	485.6	487.6	487.6	489.6	489.6	491.6	491.6	489.6
12.5°	501.6	501.6	501.6	503.6	503.6	505.6	507.6	505.6	503.6	501.6	501.6
15°	517.6	517.6	517.6	521.6	525.5	529.5	527.5	525.5	519.6	515.6	515.6
17.5°	541.5	541.5	541.5	547.5	555.5	559.5	557.5	549.5	547.5	545.5	545.5
20°	573.5	573.5	577.5	579.5	591.5	597.5	591.5	583.5	583.5	579.5	581.5
22.5°	613.5	615.5	613.5	621.5	633.5	641.4	633.5	629.5	625.5	625.5	625.5
25°	665.4	665.4	661.4	665.4	679.4	693.4	685.4	679.4	675.4	677.4	681.4
27.5°	717.4	719.4	717.4	715.4	731.4	747.4	737.4	731.4	735.4	737.4	737.4
30°	775.3	781.3	777.3	777.3	783.3	807.3	797.3	793.3	799.3	799.3	801.3
32.5°	847.3	849.3	845.3	843.3	849.3	867.3	857.3	859.3	867.3	873.2	873.2
35°	917.2	919.2	911.2	909.2	919.2	927.2	925.2	931.2	941.2	951.2	951.2
37.5°	995.1	989.1	987.1	981.2	983.2	991.1	993.1	1007.1	1025.1	1035.1	1037.1
40°	1073.1	1077.1	1065.1	1053.1	1055.1	1061.1	1075.1	1091.1	1115.0	1131.0	1135.0
42.5°	1181.0	1179.0	1163.0	1141.0	1137.0	1145.0	1169.0	1197.0	1226.9	1242.9	1244.9
45°	1318.9	1316.9	1294.9	1266.9	1246.9	1244.9	1266.9	1302.9	1348.8	1376.8	1378.8
47.5°	1488.7	1484.7	1446.8	1386.8	1342.8	1344.8	1368.8	1422.8	1480.7	1520.7	1524.7
50°	1700.5	1690.5	1638.6	1546.7	1478.7	1470.7	1488.7	1562.7	1644.6	1694.5	1702.5
52.5°	1938.3	1922.3	1864.4	1738.5	1648.6	1614.6	1632.6	1730.5	1828.4	1886.4	1888.4
55°	2178.1	2174.1	2112.2	1988.3	1854.4	1778.5	1814.4	1924.3	2046.2	2110.2	2116.2
57.5°	2429.9	2419.9	2366.0	2250.1	2098.2	1992.3	2030.3	2152.1	2274.0	2344.0	2356.0
60°	2647.7	2651.7	2609.8	2535.8	2409.9	2296.0	2310.0	2411.9	2537.8	2601.8	2611.8
62.5°	2871.5	2863.5	2853.5	2809.6	2749.6	2655.7	2619.7	2693.7	2795.6	2847.5	2851.5
65°	3147.3	3145.3	3129.3	3105.3	3125.3	3091.3	3003.4	3015.4	3049.4	3087.3	3097.3
67.5°	3163.3	3161.3	3237.2	3367.1	3552.9	3598.9	3361.1	3205.2	3153.3	3133.3	3127.3
70°	2839.6	2843.6	3019.4	3339.1	3782.7	3960.6	3616.9	3169.3	3005.4	2953.5	2933.5
72.5°	2356.0	2380.0	2603.8	3063.4	3748.8	3918.6	3632.9	3011.4	2751.6	2633.7	2631.7
75°	1766.5	1782.5	2000.3	2541.8	3441.0	3682.8	3411.1	2711.7	2370.0	2242.1	2198.1
77.5°	1149.0	1157.0	1354.8	1846.4	2739.6	3255.2	3045.4	2260.1	1882.4	1720.5	1676.6
80°	613.5	637.5	785.3	1131.0	1734.5	2374.0	2481.9	1682.6	1232.9	1039.1	1015.1
82.5°	265.8	273.8	349.7	551.5	905.2	1284.9	1652.6	1053.1	685.4	517.6	487.6
85°	36.0	34.0	61.9	111.9	213.8	423.6	645.4	545.5	331.7	231.8	229.8
87.5°	4.0	4.0	4.0	6.0	6.0	6.0	30.0	48.0	26.0	20.0	12.0
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)