

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: P511021

Luminaire Tested: **PRV-P-C25-D-UNV-T1-7030**

Issue Date: 4/7/2021

Test Information

Test Method: LM-79-08
Report Number: P511021
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-C25-D-UNV-T1-7030
Description: PREVAIL AREA AND WALL LUMINAIRE
(1) 70 CRI, 3000K, 1650mA LED AND TYPE I OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12222 lumens
Efficiency: N/A
Efficacy: 129.9 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

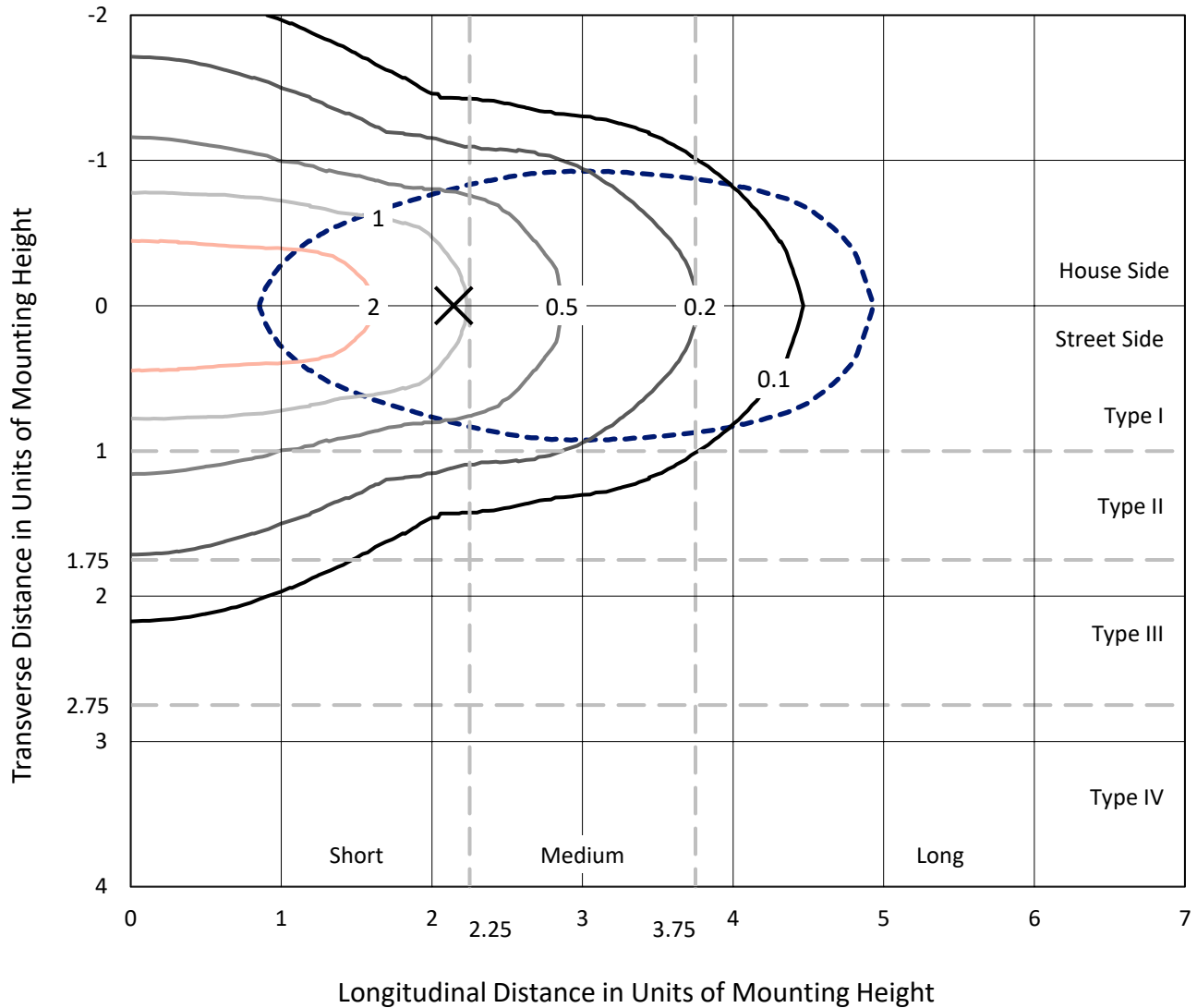
Input Watts (W): 94.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

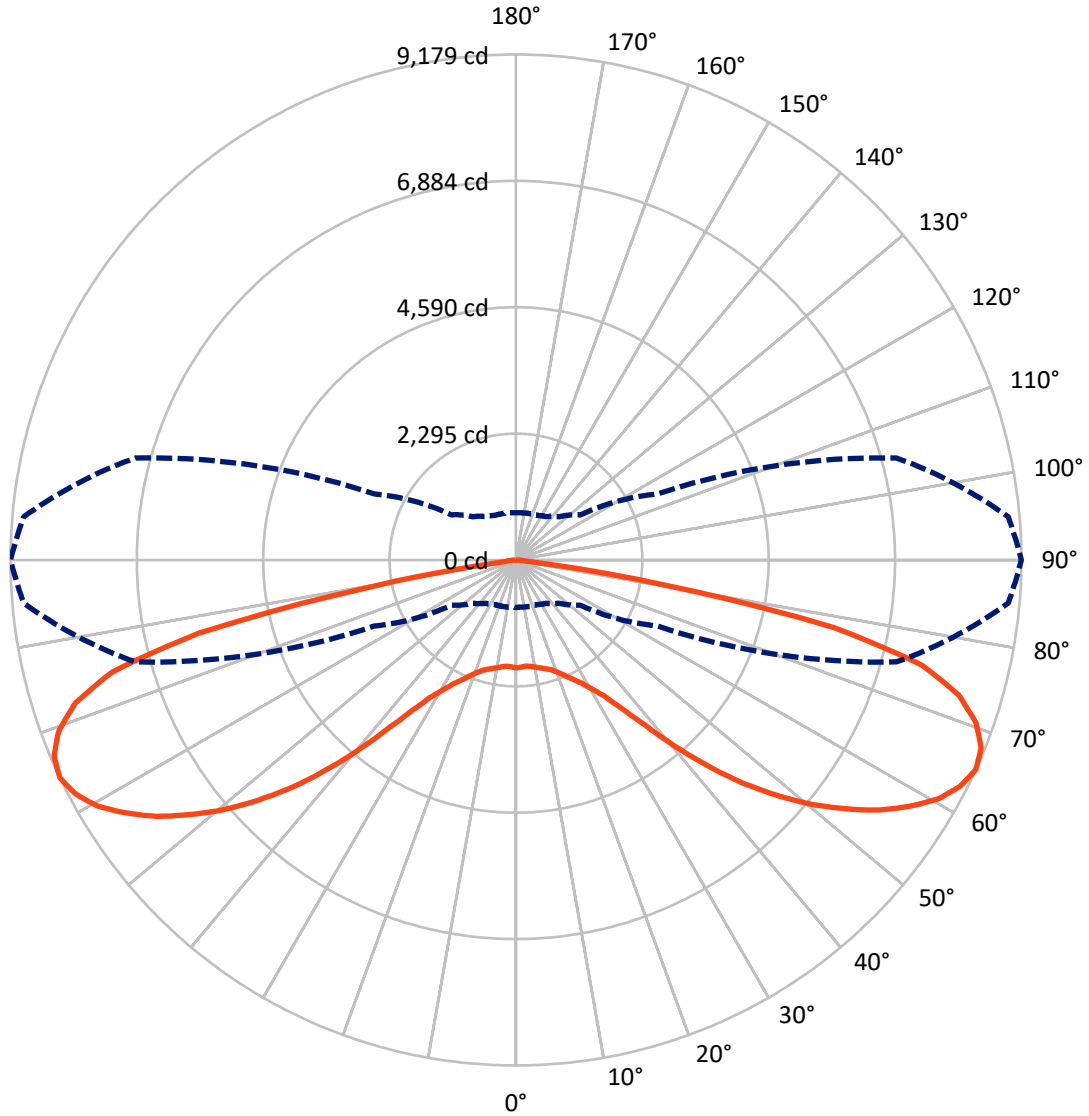
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.3 fc
 Type I - Short - N/A

REPORT NUMBER: P511021
CATALOG NUMBER: PRV-P-C25-D-UNV-T1-7030

Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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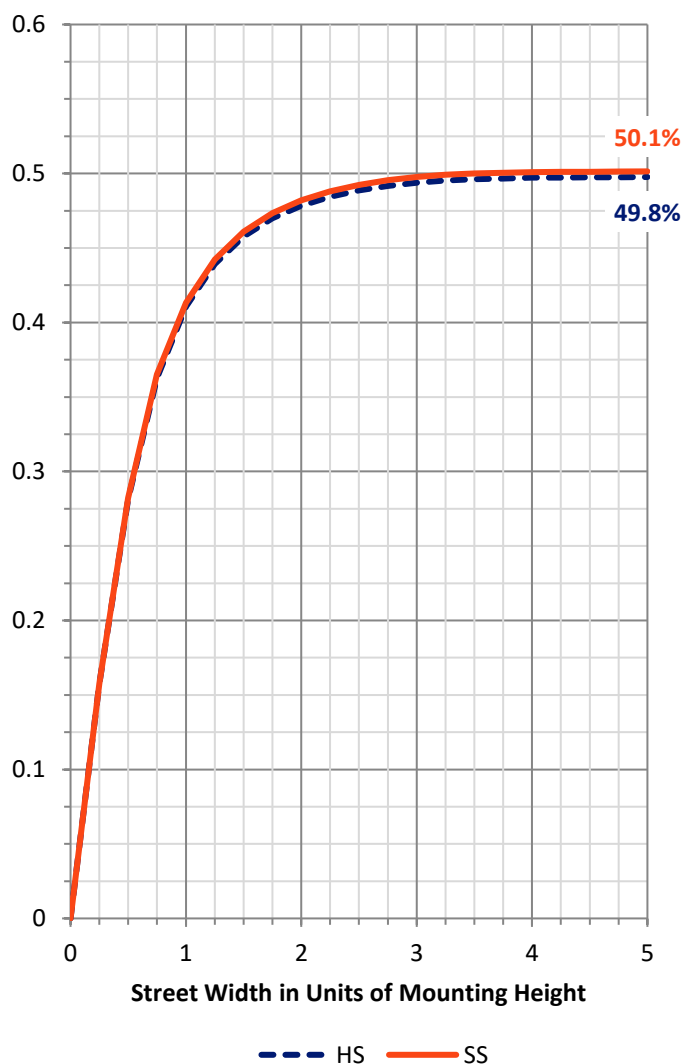
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6111.0	0.0	6111.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	6111.0	0.0	6111.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	12222.0	0.0	12222.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	185.7	1.5
10°-20°	556.5	4.6
20°-30°	923.8	7.6
30°-40°	1356.8	11.1
40°-50°	1994.5	16.3
50°-60°	2601.0	21.3
60°-70°	2733.0	22.4
70°-80°	1746.7	14.3
80°-90°	124.3	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°	12222.0	100.0
0°-180°	12222.0	100.0

Coefficient of Utilization

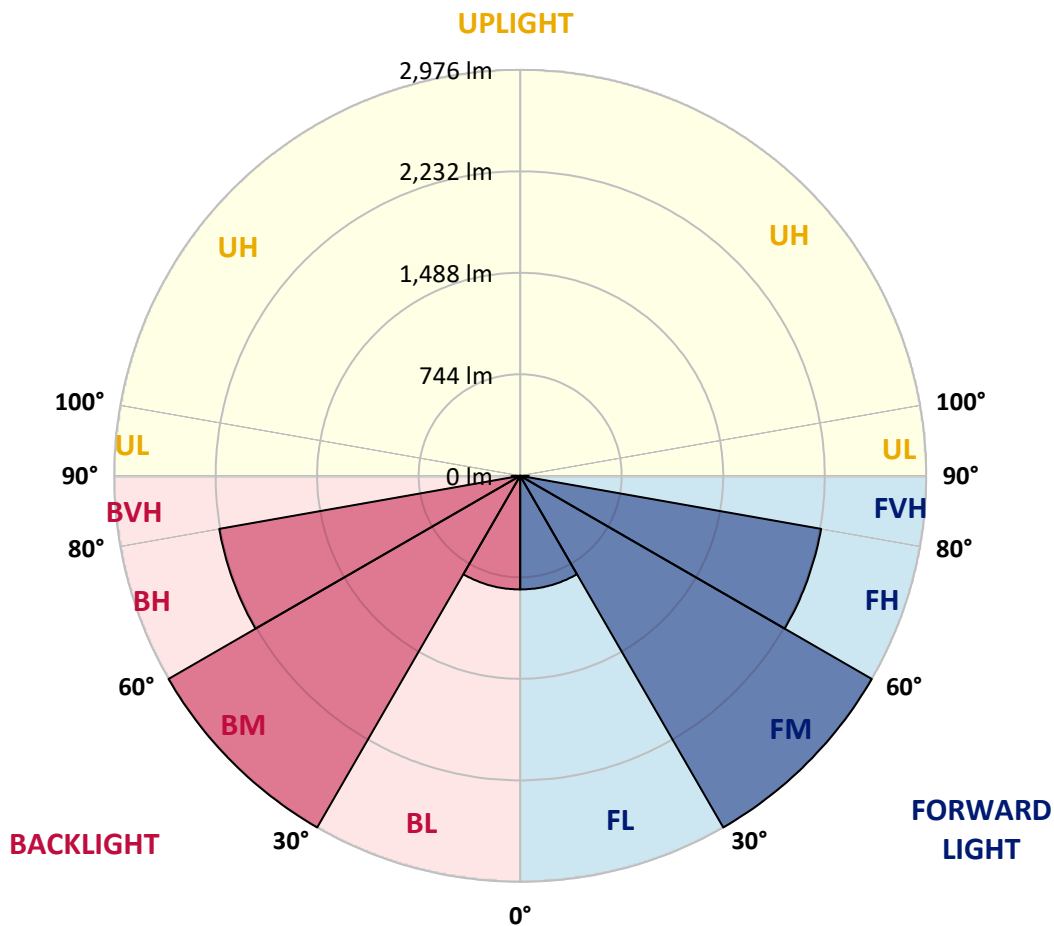


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	833.0	6.8			
FM (30°-60°)	2976.1	24.4			
FH (60°-80°)	2239.8	18.3			G2/5000
FVH (80°-90°)	62.1	0.5			G1/100
BL (0°-30°)	833.0	6.8	B2/1000		
BM (30°-60°)	2976.1	24.4	B3/5000		
BH (60°-80°)	2239.8	18.3	B3/2500		G3/2500
BVH (80°-90°)	62.1	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°	1959.6	1959.6	1959.6	1959.6	1959.6	1959.6	1959.6	1959.6	1959.6	1959.6	1959.6
2.5°	1959.6	1954.9	1954.9	1952.5	1952.5	1952.5	1950.2	1947.8	1945.4	1943.0	1945.4
5°	1938.3	1935.9	1938.3	1940.7	1938.3	1938.3	1935.9	1935.9	1935.9	1933.6	1935.9
7.5°	1935.9	1935.9	1935.9	1935.9	1940.7	1940.7	1940.7	1945.4	1945.4	1950.2	1950.2
10°	1938.3	1935.9	1938.3	1940.7	1945.4	1950.2	1959.6	1969.1	1973.9	1981.0	1981.0
12.5°	1912.2	1912.2	1914.6	1926.4	1940.7	1952.5	1971.5	1990.5	2007.1	2011.8	2011.8
15°	1881.4	1883.7	1886.1	1902.7	1933.6	1962.0	1985.7	2011.8	2040.3	2047.4	2049.8
17.5°	1836.3	1838.7	1845.8	1876.6	1924.1	1971.5	2014.2	2049.8	2078.3	2092.5	2097.3
20°	1769.9	1772.2	1784.1	1838.7	1909.8	1981.0	2045.1	2094.9	2144.7	2170.8	2177.9
22.5°	1693.9	1693.9	1722.4	1795.9	1883.7	1981.0	2073.5	2151.8	2237.2	2275.2	2279.9
25°	1599.0	1603.8	1656.0	1741.4	1855.3	1981.0	2113.9	2232.5	2329.8	2381.9	2398.6
27.5°	1523.1	1520.7	1580.1	1686.8	1826.8	1985.7	2154.2	2315.5	2457.9	2524.3	2531.4
30°	1435.3	1440.1	1513.6	1637.0	1807.8	1997.6	2204.0	2403.3	2593.1	2697.5	2716.5
32.5°	1373.7	1378.4	1447.2	1580.1	1781.7	2009.5	2261.0	2514.8	2761.5	2906.3	2941.8
35°	1316.7	1321.5	1387.9	1525.5	1743.8	2016.6	2325.0	2657.2	2991.7	3247.9	3304.8
37.5°	1266.9	1274.0	1330.9	1468.6	1698.7	2023.7	2391.4	2828.0	3281.1	3701.0	3793.6
40°	1226.6	1228.9	1285.9	1402.1	1651.2	2021.3	2460.2	2996.4	3634.6	4265.7	4438.9
42.5°	1195.7	1198.1	1240.8	1349.9	1594.3	2000.0	2529.0	3169.6	4045.0	4934.7	5112.6
45°	1160.1	1162.5	1205.2	1300.1	1530.2	1969.1	2578.9	3333.3	4486.3	5549.2	5779.3
47.5°	1129.3	1134.0	1174.4	1264.5	1468.6	1909.8	2602.6	3489.9	4925.2	6154.2	6393.8
50°	1112.7	1112.7	1145.9	1226.6	1404.5	1810.2	2578.9	3625.1	5378.4	6721.2	6984.5
52.5°	1091.3	1084.2	1115.1	1181.5	1342.8	1703.4	2488.7	3720.0	5831.5	7264.5	7506.4
55°	1053.4	1053.4	1079.5	1134.0	1283.5	1589.5	2325.0	3748.5	6263.3	7729.5	8018.9
57.5°	1005.9	1010.7	1034.4	1081.8	1214.7	1478.0	2111.5	3656.0	6647.6	8177.9	8436.5
60°	968.0	968.0	986.9	1027.3	1138.8	1366.5	1881.4	3499.4	6972.6	8557.4	8811.3
62.5°	920.5	922.9	939.5	970.3	1058.1	1245.5	1656.0	3191.0	7157.7	8823.2	9053.3
65°	861.2	858.8	875.4	894.4	960.8	1110.3	1428.2	2839.8	7153.0	8975.0	9179.0
67.5°	785.3	785.3	797.1	811.4	854.1	975.1	1236.0	2557.5	6880.1	8925.2	9110.2
70°	697.5	695.1	704.6	707.0	740.2	835.1	1041.5	2325.0	6185.0	8638.1	8863.5
72.5°	548.0	559.9	576.5	590.7	621.6	678.5	865.9	2099.6	5176.7	8061.6	8412.7
75°	83.0	75.9	137.6	277.6	465.0	521.9	695.1	1803.1	4249.1	6956.0	7608.5
77.5°	23.7	26.1	33.2	38.0	45.1	270.5	510.1	1423.5	3378.4	5364.1	5905.0
80°	19.0	21.4	26.1	30.8	38.0	40.3	154.2	892.0	1729.5	2718.8	2707.0
82.5°	14.2	14.2	19.0	21.4	26.1	30.8	75.9	234.9	294.2	223.0	177.9
85°	9.5	7.1	11.9	14.2	14.2	21.4	28.5	33.2	28.5	92.5	116.3
87.5°	4.7	4.7	7.1	7.1	9.5	9.5	9.5	9.5	14.2	38.0	47.4
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)