

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: P510973

Luminaire Tested: **PRV-P-C20-D-UNV-T1-7030**

Issue Date: 4/7/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P510973  
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-C20-D-UNV-T1-7030  
Description: PREVAIL AREA AND WALL LUMINAIRE  
(1) 70 CRI, 3000K, 1300mA LED AND TYPE I OPTIC  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

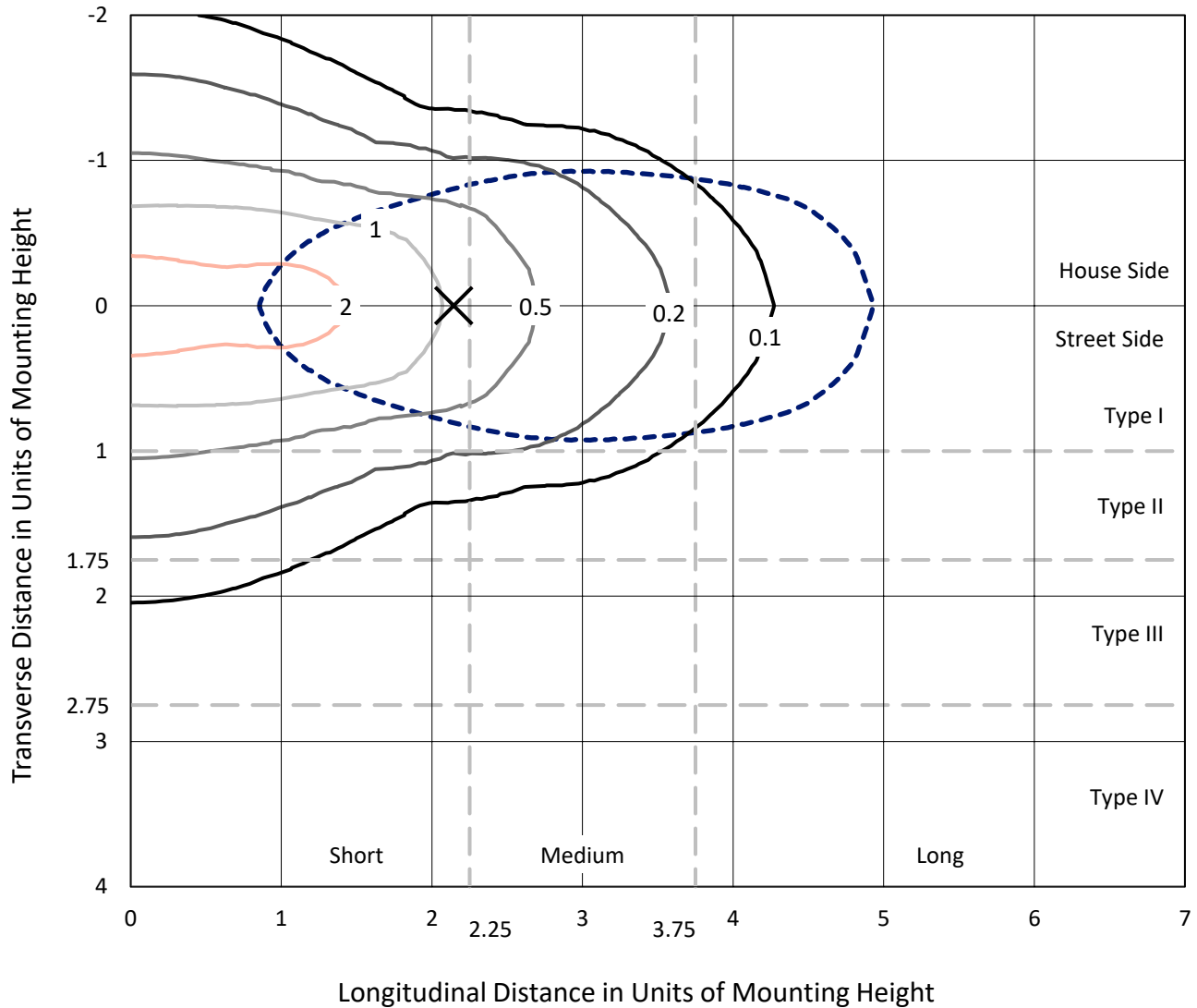
Lumens per Lamp: N/A  
Luminaire Lumens: 10123 lumens  
Efficiency: N/A  
Efficacy: 139.1 lumens/watt  
Luminous Opening: Rectangular (W 1.04' x L: 0.58' x H: 0')  
IES Classification: Type I - Short  
BUG Rating: B3 - U0 - G3  
  
Input Watts (W): 72.8  
Input Voltage (V): NR  
Input Current (Ain): 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

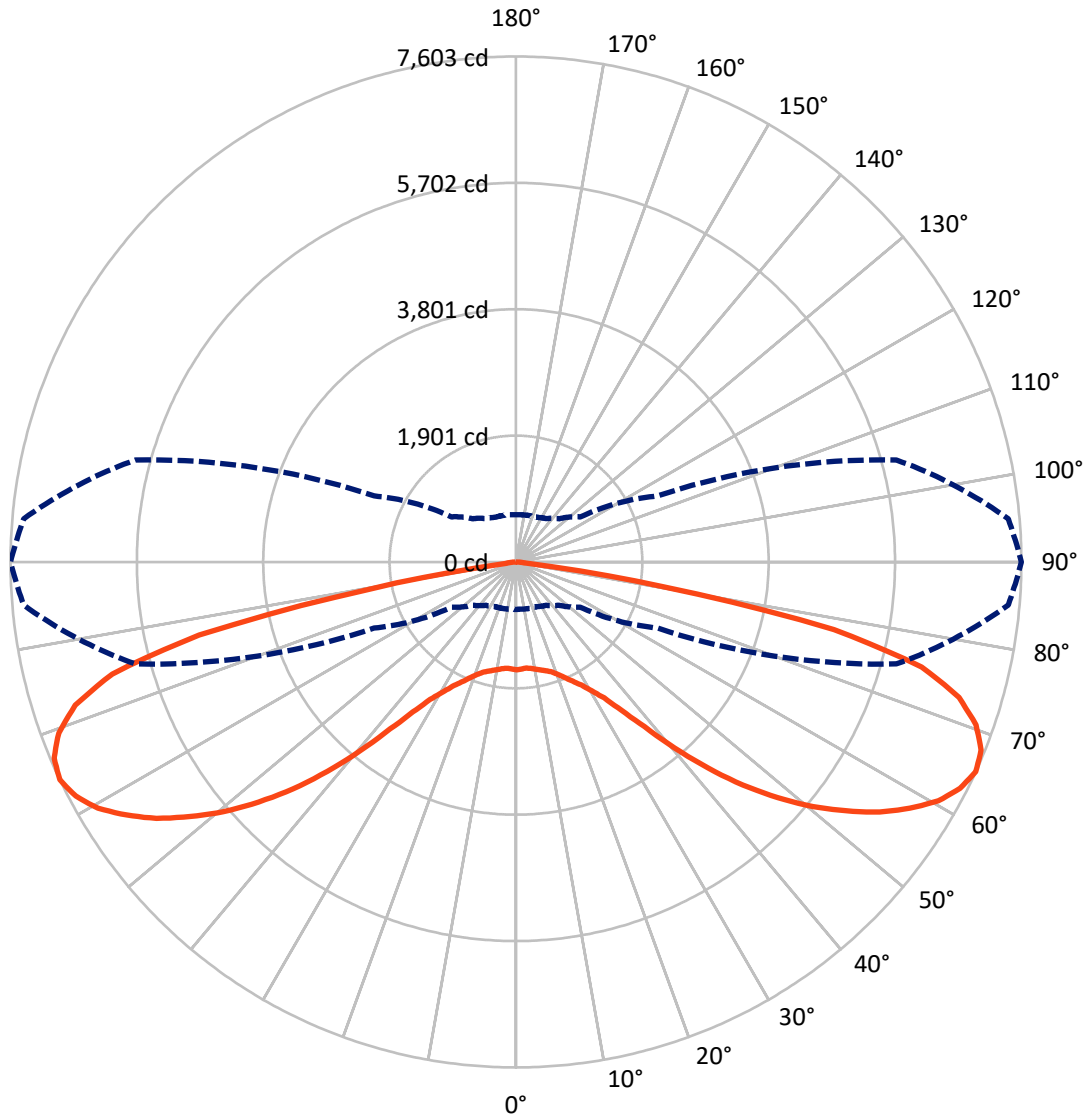
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.7 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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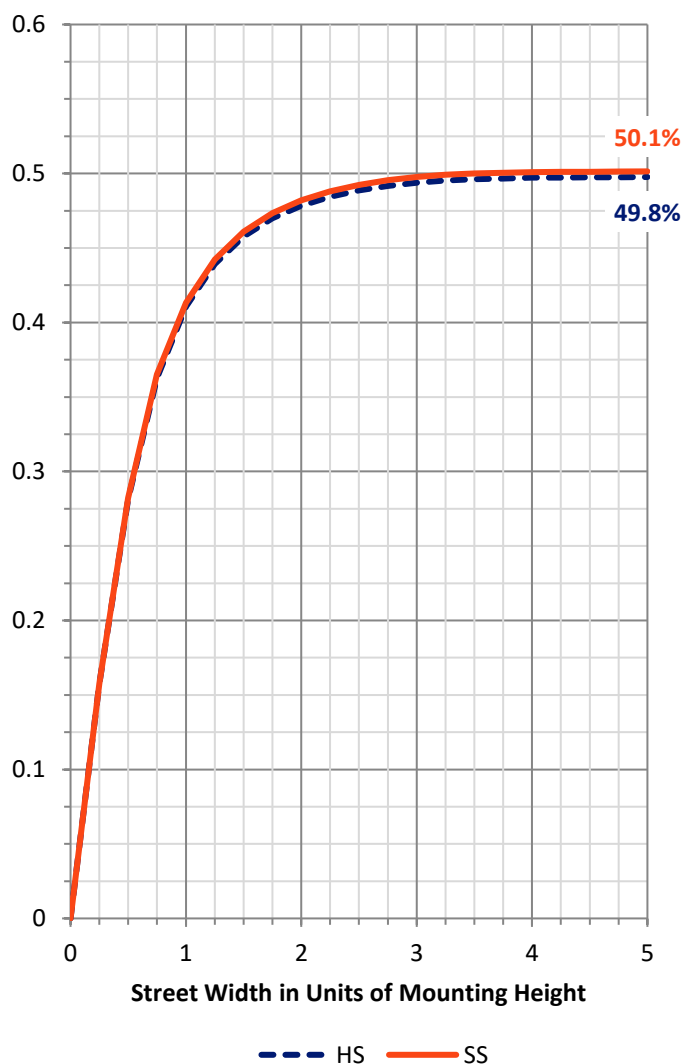
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5061.5	0.0	5061.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	5061.5	0.0	5061.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	10123.0	0.0	10123.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	153.8	1.5
10°-20°	460.9	4.6
20°-30°	765.1	7.6
30°-40°	1123.7	11.1
40°-50°	1651.9	16.3
50°-60°	2154.3	21.3
60°-70°	2263.6	22.4
70°-80°	1446.7	14.3
80°-90°	102.9	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°	10123.0	100.0
0°-180°	10123.0	100.0

**Coefficient of Utilization**

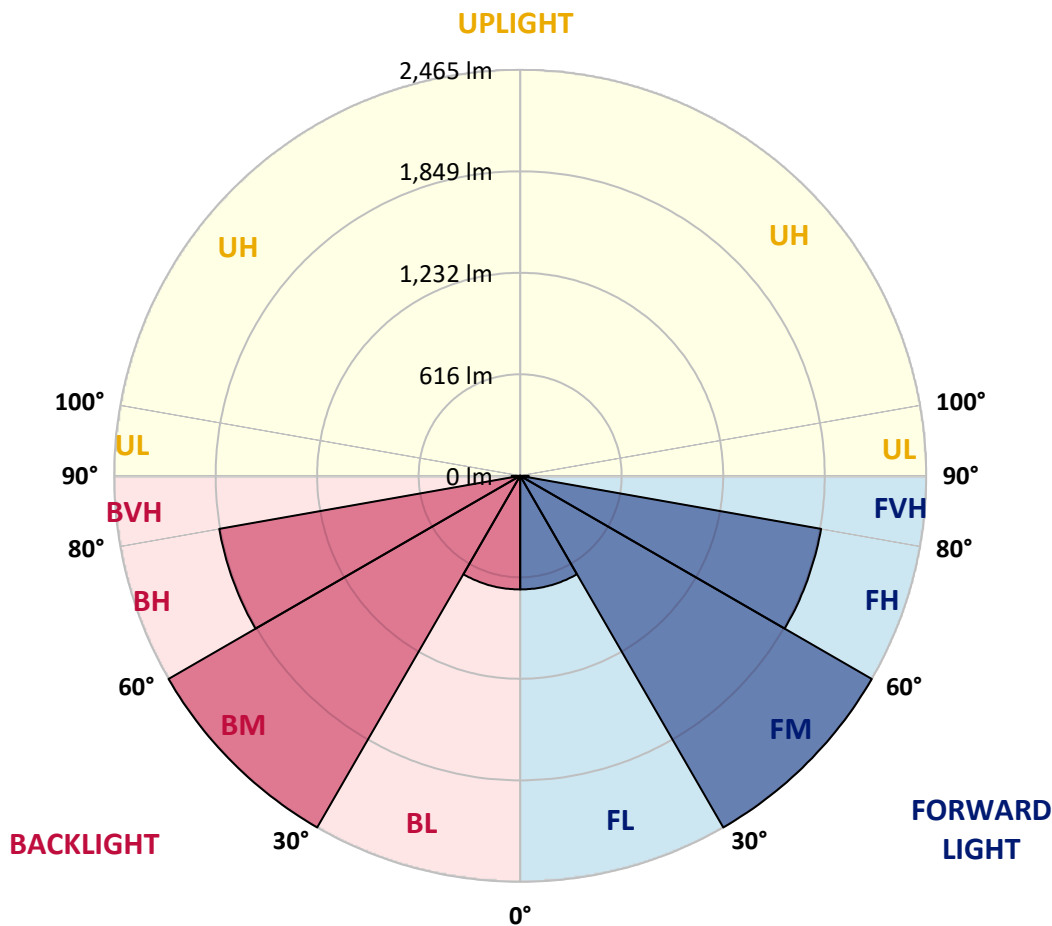


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	689.9	6.8			
FM (30°-60°)	2465.0	24.4			
FH (60°-80°)	1855.2	18.3			G2/5000
FVH (80°-90°)	51.5	0.5			G1/100
BL (0°-30°)	689.9	6.8	B2/1000		
BM (30°-60°)	2465.0	24.4	B2/2500		
BH (60°-80°)	1855.2	18.3	B3/2500		G3/2500
BVH (80°-90°)	51.5	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°	1623.1	1623.1	1623.1	1623.1	1623.1	1623.1	1623.1	1623.1	1623.1	1623.1	1623.1
2.5°	1623.1	1619.2	1619.2	1617.2	1617.2	1617.2	1615.2	1613.3	1611.3	1609.3	1611.3
5°	1605.4	1603.4	1605.4	1607.4	1605.4	1605.4	1603.4	1603.4	1603.4	1601.5	1603.4
7.5°	1603.4	1603.4	1603.4	1603.4	1607.4	1607.4	1607.4	1611.3	1611.3	1615.2	1615.2
10°	1605.4	1603.4	1605.4	1607.4	1611.3	1615.2	1623.1	1631.0	1634.9	1640.8	1640.8
12.5°	1583.8	1583.8	1585.8	1595.6	1607.4	1617.2	1632.9	1648.6	1662.4	1666.3	1666.3
15°	1558.3	1560.2	1562.2	1575.9	1601.5	1625.1	1644.7	1666.3	1689.9	1695.8	1697.8
17.5°	1520.9	1522.9	1528.8	1554.3	1593.6	1632.9	1668.3	1697.8	1721.3	1733.1	1737.1
20°	1465.9	1467.9	1477.7	1522.9	1581.8	1640.8	1693.8	1735.1	1776.4	1798.0	1803.9
22.5°	1403.0	1403.0	1426.6	1487.5	1560.2	1640.8	1717.4	1782.3	1853.0	1884.4	1888.4
25°	1324.4	1328.3	1371.6	1442.3	1536.6	1640.8	1750.8	1849.1	1929.6	1972.9	1986.6
27.5°	1261.5	1259.6	1308.7	1397.1	1513.1	1644.7	1784.2	1917.9	2035.8	2090.8	2096.7
30°	1188.8	1192.8	1253.7	1355.9	1497.3	1654.5	1825.5	1990.6	2147.8	2234.2	2249.9
32.5°	1137.7	1141.7	1198.7	1308.7	1475.7	1664.4	1872.7	2082.9	2287.3	2407.1	2436.6
35°	1090.6	1094.5	1149.5	1263.5	1444.3	1670.3	1925.7	2200.8	2477.9	2690.1	2737.3
37.5°	1049.3	1055.2	1102.4	1216.3	1406.9	1676.2	1980.7	2342.3	2717.6	3065.4	3142.1
40°	1015.9	1017.9	1065.0	1161.3	1367.6	1674.2	2037.7	2481.8	3010.4	3533.1	3676.5
42.5°	990.4	992.3	1027.7	1118.1	1320.5	1656.5	2094.7	2625.3	3350.3	4087.2	4234.6
45°	960.9	962.9	998.2	1076.8	1267.4	1631.0	2136.0	2760.8	3715.8	4596.2	4786.8
47.5°	935.3	939.3	972.7	1047.4	1216.3	1581.8	2155.6	2890.5	4079.4	5097.2	5295.7
50°	921.6	921.6	949.1	1015.9	1163.3	1499.3	2136.0	3002.5	4454.7	5566.9	5785.0
52.5°	903.9	898.0	923.6	978.6	1112.2	1410.9	2061.3	3081.1	4830.0	6016.9	6217.3
55°	872.5	872.5	894.1	939.3	1063.1	1316.6	1925.7	3104.7	5187.6	6402.0	6641.7
57.5°	833.2	837.1	856.7	896.0	1006.1	1224.2	1748.9	3028.1	5506.0	6773.4	6987.6
60°	801.7	801.7	817.4	850.8	943.2	1131.8	1558.3	2898.4	5775.2	7087.8	7298.1
62.5°	762.4	764.4	778.1	803.7	876.4	1031.6	1371.6	2642.9	5928.4	7307.9	7498.5
65°	713.3	711.3	725.1	740.8	795.8	919.6	1182.9	2352.1	5924.5	7433.6	7602.6
67.5°	650.4	650.4	660.2	672.0	707.4	807.6	1023.8	2118.3	5698.5	7392.4	7545.6
70°	577.7	575.7	583.6	585.6	613.1	691.7	862.6	1925.7	5122.8	7154.6	7341.3
72.5°	453.9	463.7	477.5	489.3	514.8	562.0	717.2	1739.0	4287.7	6677.1	6967.9
75°	68.8	62.9	114.0	229.9	385.1	432.3	575.7	1493.4	3519.3	5761.4	6301.8
77.5°	19.7	21.6	27.5	31.4	37.3	224.0	422.5	1179.0	2798.2	4442.9	4890.9
80°	15.7	17.7	21.6	25.5	31.4	33.4	127.7	738.8	1432.5	2251.9	2242.1
82.5°	11.8	11.8	15.7	17.7	21.6	25.5	62.9	194.5	243.7	184.7	147.4
85°	7.9	5.9	9.8	11.8	11.8	17.7	23.6	27.5	23.6	76.6	96.3
87.5°	3.9	3.9	5.9	5.9	7.9	7.9	7.9	7.9	11.8	31.4	39.3
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)