

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: P510926

Luminaire Tested: **PRV-P-C15-D-UNV-T1-7050**

Issue Date: 4/7/2021

Test Information

Test Method: LM-79-08
Report Number: P510926
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-C15-D-UNV-T1-7050
Description: PREVAIL AREA AND WALL LUMINAIRE
(1) 70 CRI, 5000K, 880mA LED AND TYPE I OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7390 lumens
Efficiency: N/A
Efficacy: 150.5 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

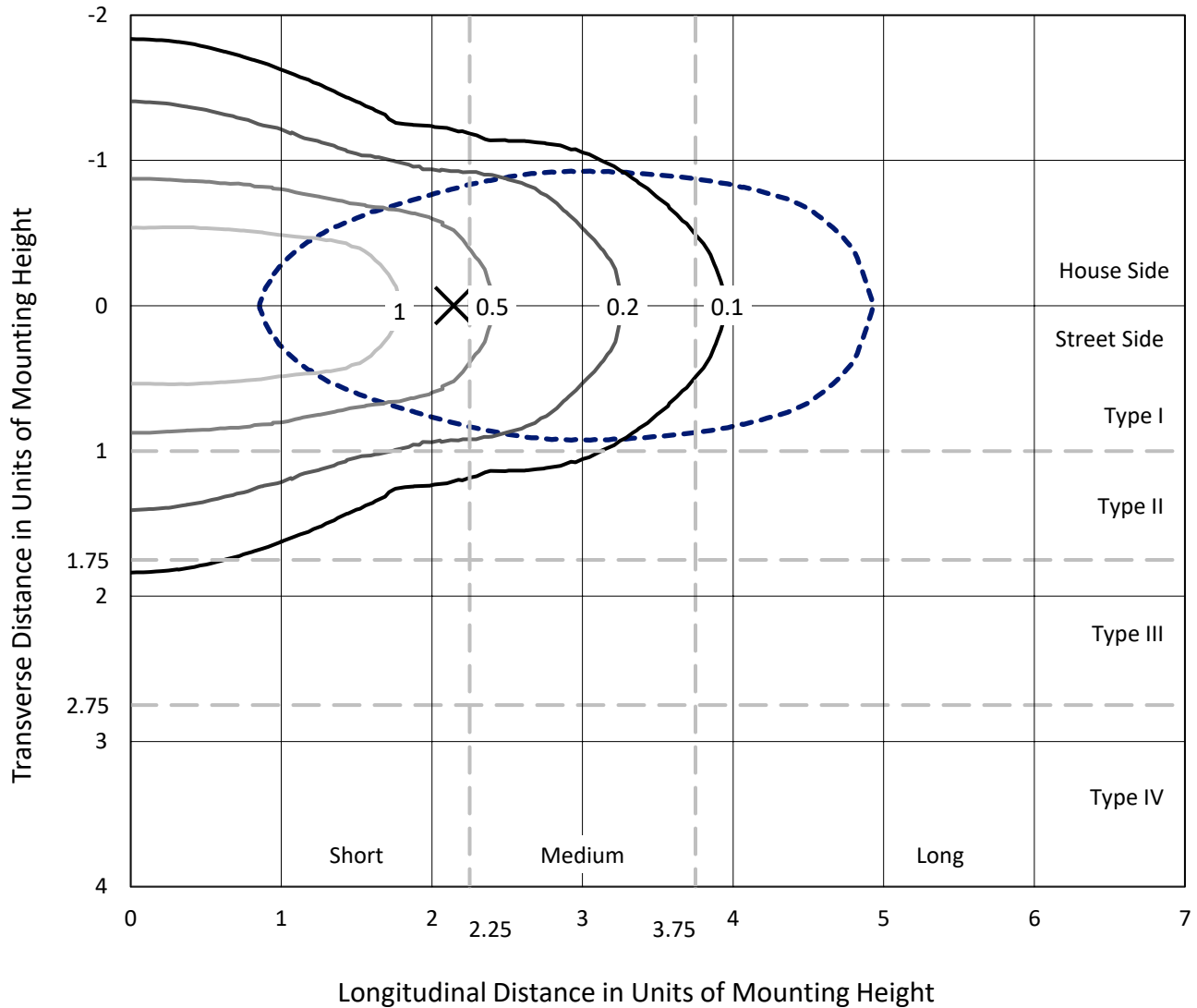
Input Watts (W): 49.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

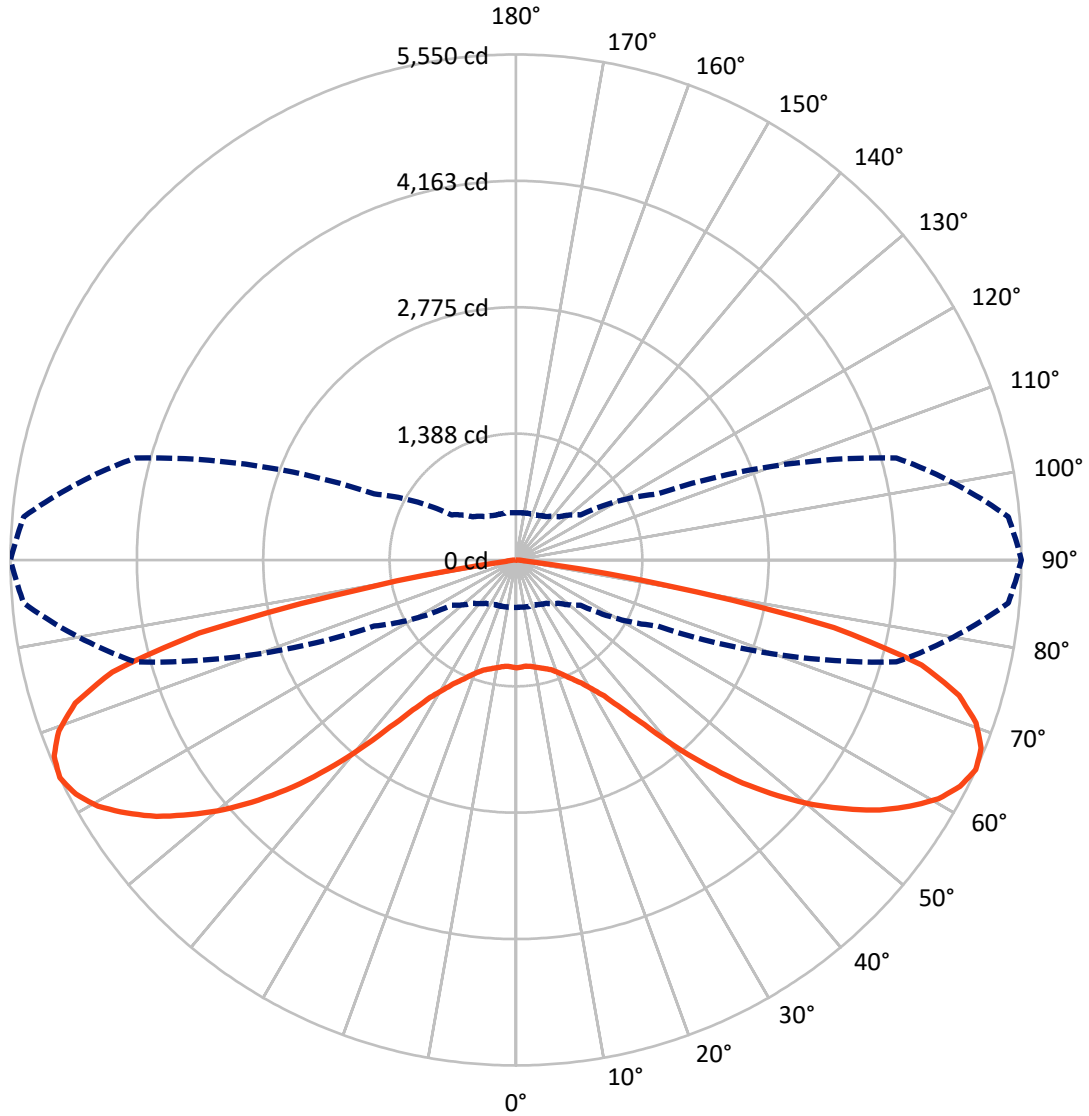
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2 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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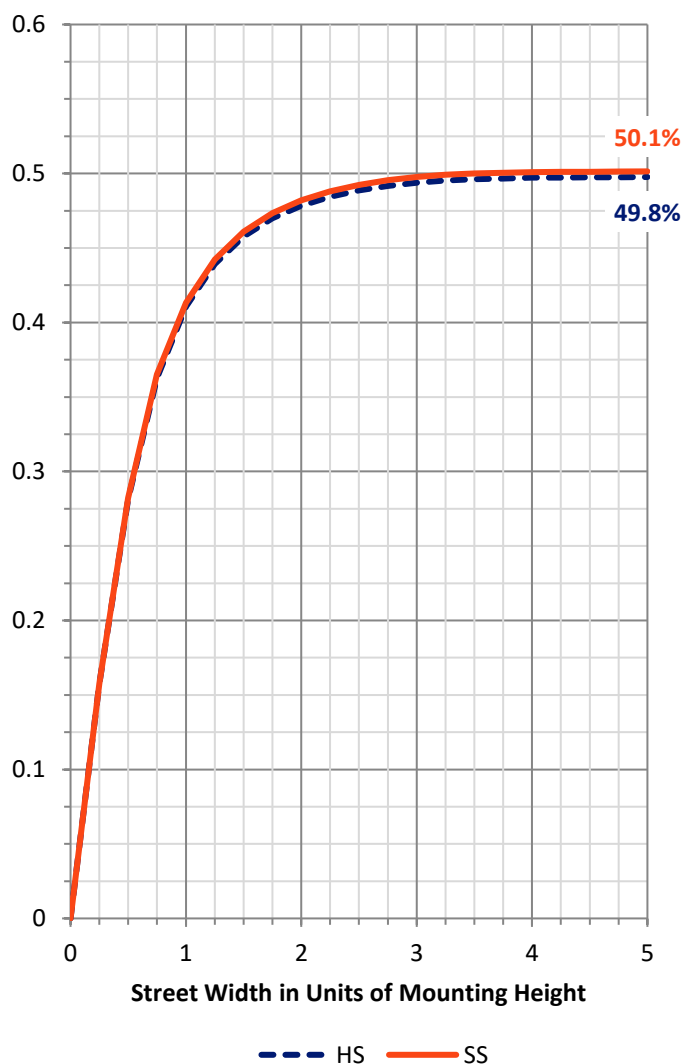
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3695.0	0.0	3695.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3695.0	0.0	3695.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	7390.0	0.0	7390.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	112.3	1.5
10°-20°	336.5	4.6
20°-30°	558.6	7.6
30°-40°	820.4	11.1
40°-50°	1205.9	16.3
50°-60°	1572.7	21.3
60°-70°	1652.5	22.4
70°-80°	1056.1	14.3
80°-90°	75.1	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°	7390.0	100.0
0°-180°	7390.0	100.0

Coefficient of Utilization

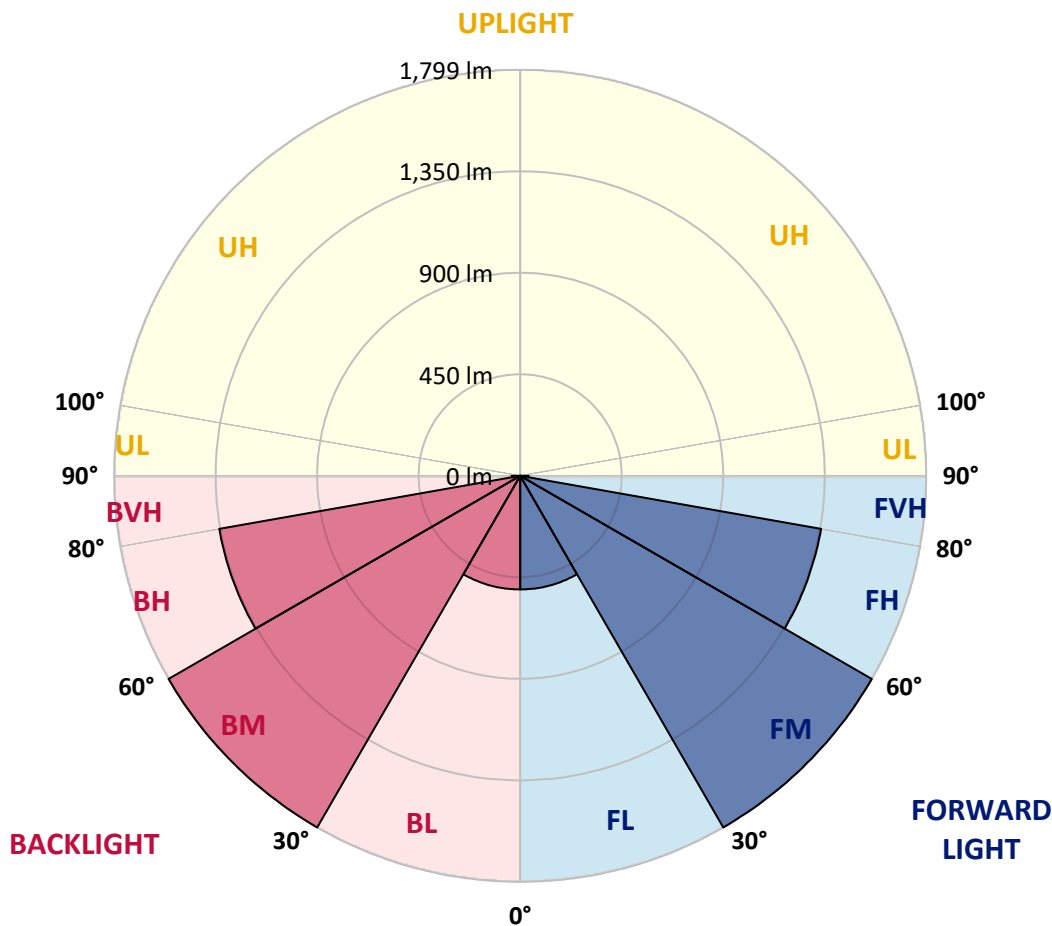


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	503.6	6.8			
FM (30°-60°)	1799.5	24.4			
FH (60°-80°)	1354.3	18.3			G1/1800
FVH (80°-90°)	37.6	0.5			G1/100
BL (0°-30°)	503.6	6.8	B2/1000		
BM (30°-60°)	1799.5	24.4	B2/2500		
BH (60°-80°)	1354.3	18.3	B3/2500		G3/2500
BVH (80°-90°)	37.6	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°	1184.9	1184.9	1184.9	1184.9	1184.9	1184.9	1184.9	1184.9	1184.9	1184.9	1184.9
2.5°	1184.9	1182.0	1182.0	1180.6	1180.6	1180.6	1179.2	1177.7	1176.3	1174.9	1176.3
5°	1172.0	1170.6	1172.0	1173.4	1172.0	1172.0	1170.6	1170.6	1170.6	1169.1	1170.6
7.5°	1170.6	1170.6	1170.6	1170.6	1173.4	1173.4	1173.4	1176.3	1176.3	1179.2	1179.2
10°	1172.0	1170.6	1172.0	1173.4	1176.3	1179.2	1184.9	1190.6	1193.5	1197.8	1197.8
12.5°	1156.2	1156.2	1157.6	1164.8	1173.4	1180.6	1192.1	1203.5	1213.6	1216.5	1216.5
15°	1137.6	1139.0	1140.4	1150.5	1169.1	1186.3	1200.7	1216.5	1233.7	1238.0	1239.4
17.5°	1110.3	1111.7	1116.0	1134.7	1163.4	1192.1	1217.9	1239.4	1256.6	1265.2	1268.1
20°	1070.1	1071.6	1078.7	1111.7	1154.8	1197.8	1236.5	1266.7	1296.8	1312.6	1316.9
22.5°	1024.2	1024.2	1041.4	1085.9	1139.0	1197.8	1253.8	1301.1	1352.7	1375.7	1378.6
25°	966.9	969.7	1001.3	1052.9	1121.8	1197.8	1278.1	1349.9	1408.7	1440.2	1450.3
27.5°	920.9	919.5	955.4	1019.9	1104.6	1200.7	1302.5	1400.1	1486.1	1526.3	1530.6
30°	867.9	870.7	915.2	989.8	1093.1	1207.8	1332.6	1453.1	1567.9	1631.0	1642.5
32.5°	830.6	833.4	875.0	955.4	1077.3	1215.0	1367.1	1520.6	1669.8	1757.3	1778.8
35°	796.1	799.0	839.2	922.4	1054.4	1219.3	1405.8	1606.6	1808.9	1963.8	1998.3
37.5°	766.0	770.3	804.8	888.0	1027.1	1223.6	1446.0	1709.9	1983.9	2237.8	2293.8
40°	741.6	743.1	777.5	847.8	998.4	1222.2	1487.6	1811.8	2197.7	2579.2	2683.9
42.5°	723.0	724.4	750.2	816.2	964.0	1209.3	1529.2	1916.5	2445.8	2983.8	3091.3
45°	701.5	702.9	728.7	786.1	925.3	1190.6	1559.3	2015.5	2712.6	3355.3	3494.4
47.5°	682.8	685.7	710.1	764.6	888.0	1154.8	1573.6	2110.1	2978.0	3721.1	3866.0
50°	672.8	672.8	692.9	741.6	849.2	1094.5	1559.3	2191.9	3252.0	4063.9	4223.2
52.5°	659.9	655.6	674.2	714.4	811.9	1030.0	1504.8	2249.3	3526.0	4392.4	4538.8
55°	636.9	636.9	652.7	685.7	776.1	961.1	1405.8	2266.5	3787.1	4673.6	4848.6
57.5°	608.2	611.1	625.4	654.1	734.5	893.7	1276.7	2210.6	4019.5	4944.7	5101.1
60°	585.3	585.3	596.8	621.1	688.6	826.3	1137.6	2115.9	4216.0	5174.2	5327.7
62.5°	556.6	558.0	568.1	586.7	639.8	753.1	1001.3	1929.4	4327.9	5334.9	5474.0
65°	520.7	519.3	529.3	540.8	581.0	671.3	863.6	1717.1	4325.0	5426.7	5550.1
67.5°	474.8	474.8	482.0	490.6	516.4	589.6	747.4	1546.4	4160.0	5396.6	5508.5
70°	421.7	420.3	426.0	427.5	447.6	504.9	629.7	1405.8	3739.7	5223.0	5359.3
72.5°	331.4	338.5	348.6	357.2	375.8	410.3	523.6	1269.5	3130.1	4874.4	5086.7
75°	50.2	45.9	83.2	167.8	281.2	315.6	420.3	1090.2	2569.2	4206.0	4600.4
77.5°	14.3	15.8	20.1	23.0	27.3	163.5	308.4	860.7	2042.7	3243.4	3570.5
80°	11.5	12.9	15.8	18.6	23.0	24.4	93.2	539.4	1045.7	1643.9	1636.8
82.5°	8.6	8.6	11.5	12.9	15.8	18.6	45.9	142.0	177.9	134.8	107.6
85°	5.7	4.3	7.2	8.6	8.6	12.9	17.2	20.1	17.2	55.9	70.3
87.5°	2.9	2.9	4.3	4.3	5.7	5.7	5.7	5.7	8.6	23.0	28.7
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)