

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: P510922

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

Issue Date: 4/7/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P510922  
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  
Description: PREVAIL AREA AND WALL LUMINAIRE  
(1) 70 CRI, 4000K, 600mA LED AND TYPE V OPTIC  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5067 lumens  
Efficiency: N/A  
Efficacy: 146.4 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

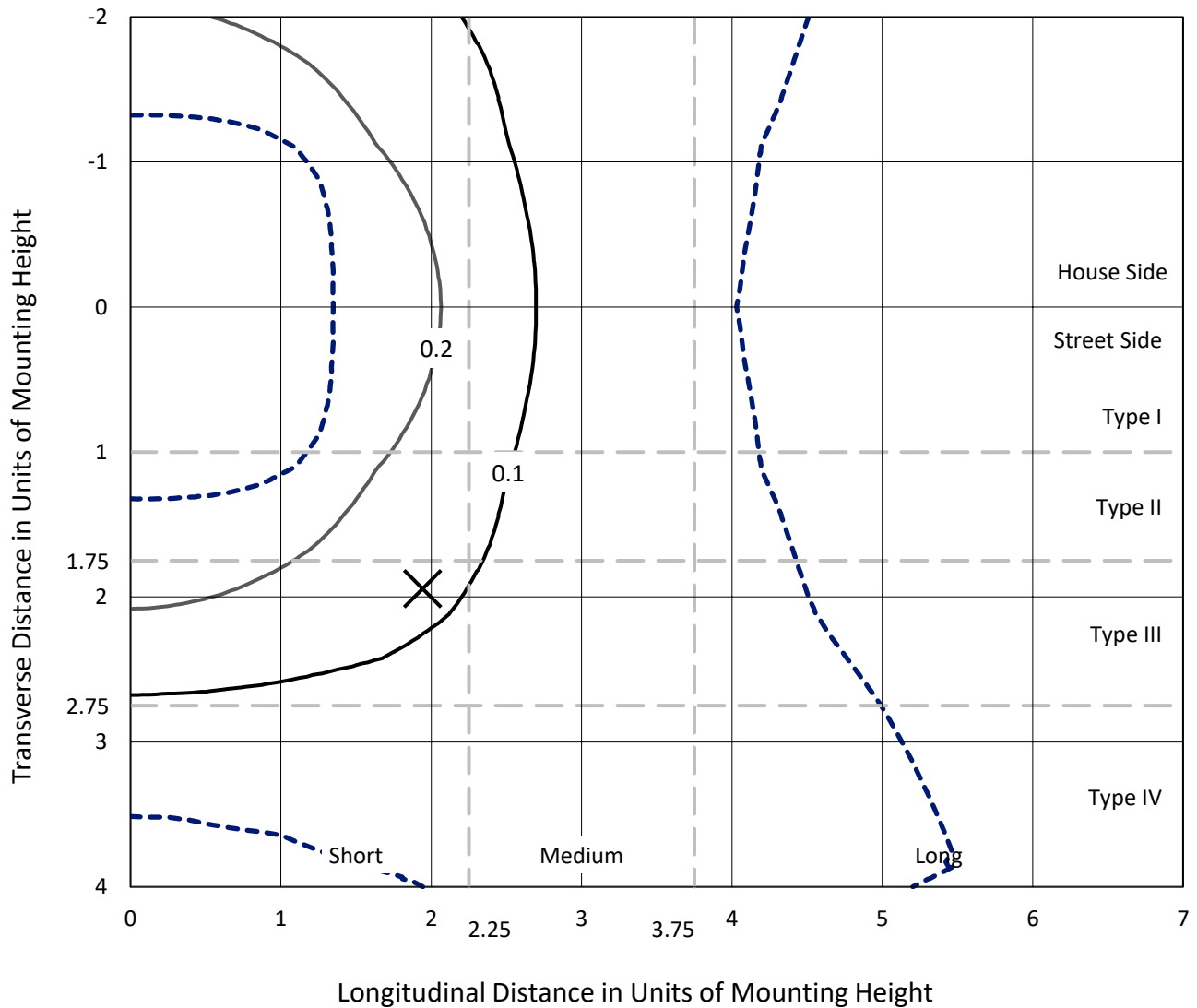
Input Watts (W): 34.6  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

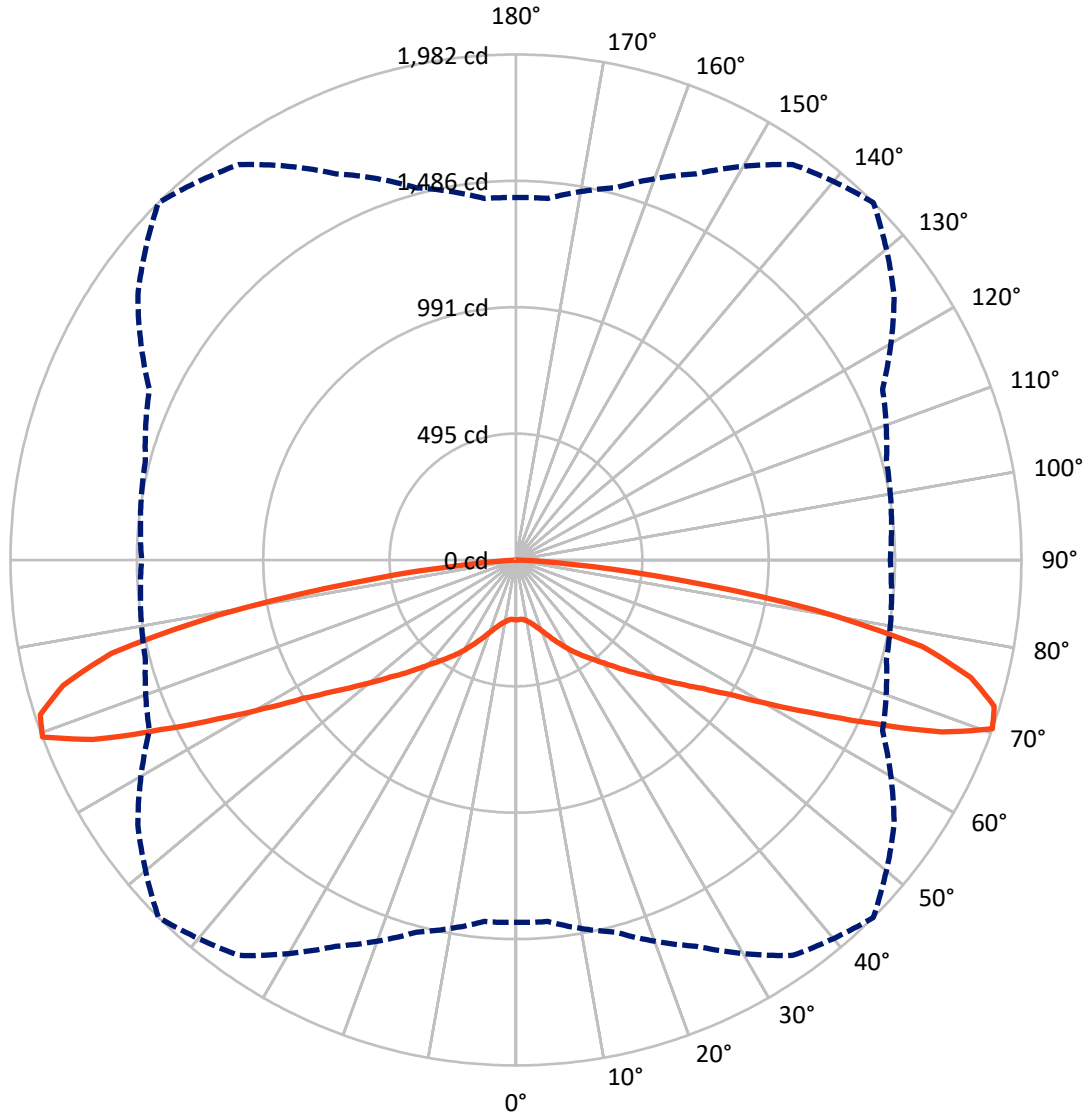
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.4 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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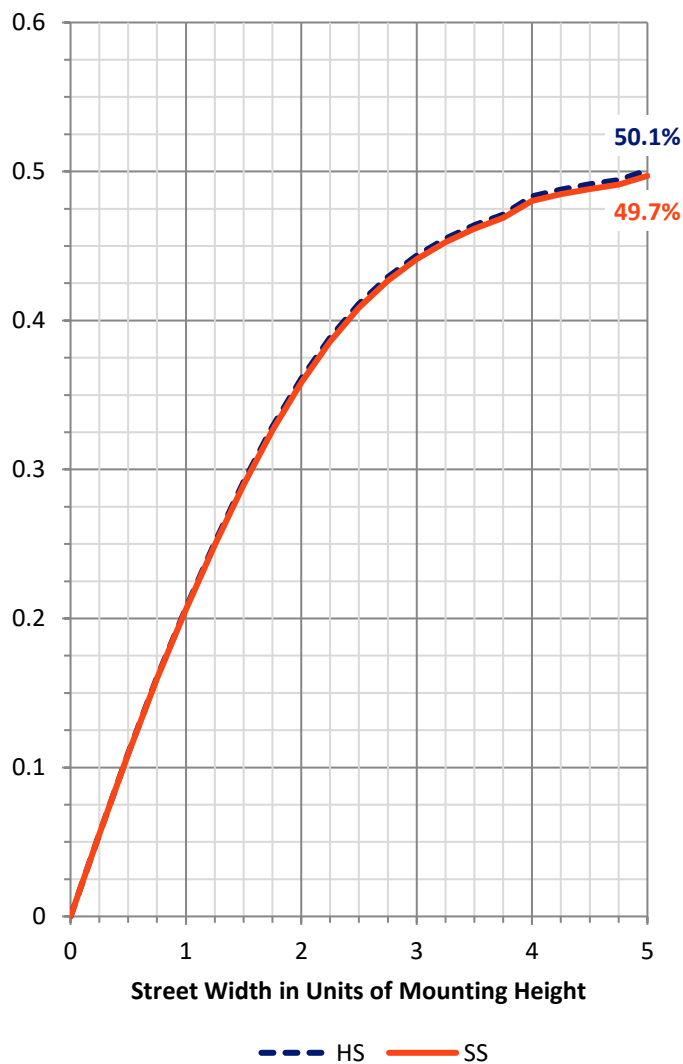
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2533.5	0.0	2533.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	2533.5	0.0	2533.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	5067.0	0.0	5067.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	22.7	0.4
10°-20°	75.6	1.5
20°-30°	158.9	3.1
30°-40°	293.9	5.8
40°-50°	509.0	10.0
50°-60°	900.5	17.8
60°-70°	1499.1	29.6
70°-80°	1357.2	26.8
80°-90°	250.0	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°	5067.0	100.0
0°-180°	5067.0	100.0

**Coefficient of Utilization**



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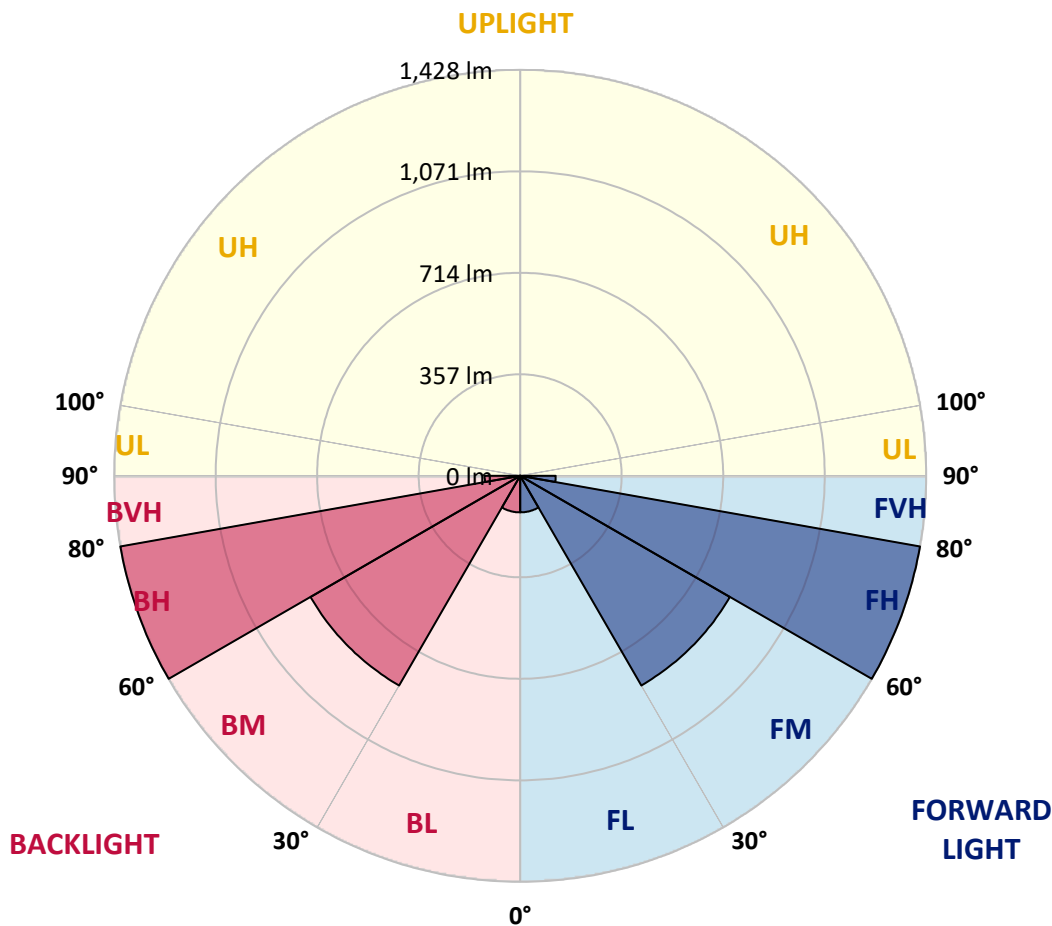
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	128.6	2.5			
FM (30°-60°)	851.7	16.8			
FH (60°-80°)	1428.2	28.2			G1/1800
FVH (80°-90°)	125.0	2.5			G2/225
BL (0°-30°)	128.6	2.5	B1/500		
BM (30°-60°)	851.7	16.8	B1/1000		
BH (60°-80°)	1428.2	28.2	B3/2500		G1/1800
BVH (80°-90°)	125.0	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°	235.0	235.0	235.0	235.0	235.0	235.0	235.0	235.0	235.0	235.0	235.0
2.5°	235.0	234.0	234.0	233.0	233.0	234.0	234.0	235.0	236.0	236.0	236.0
5°	234.0	234.0	234.0	233.0	233.0	233.0	234.0	235.0	236.0	236.0	237.0
7.5°	237.0	238.0	237.0	236.0	236.0	237.0	238.0	239.0	240.0	241.0	240.0
10°	244.0	244.0	244.0	243.0	244.0	244.0	245.0	245.0	246.0	246.0	245.0
12.5°	251.0	251.0	251.0	252.0	252.0	253.0	254.0	253.0	252.0	251.0	251.0
15°	259.0	259.0	259.0	261.0	263.0	265.0	264.0	263.0	260.0	258.0	258.0
17.5°	271.0	271.0	271.0	274.0	278.0	280.0	279.0	275.0	274.0	273.0	273.0
20°	287.0	287.0	289.0	290.0	296.0	299.0	296.0	292.0	292.0	290.0	291.0
22.5°	307.0	308.0	307.0	311.0	317.0	321.0	317.0	315.0	313.0	313.0	313.0
25°	333.0	333.0	331.0	333.0	340.0	347.0	343.0	340.0	338.0	339.0	341.0
27.5°	359.0	360.0	359.0	358.0	366.0	374.0	369.0	366.0	368.0	369.0	369.0
30°	388.0	391.0	389.0	389.0	392.0	404.0	399.0	397.0	400.0	400.0	401.0
32.5°	424.0	425.0	423.0	422.0	425.0	434.0	429.0	430.0	434.0	437.0	437.0
35°	459.0	460.0	456.0	455.0	460.0	464.0	463.0	466.0	471.0	476.0	476.0
37.5°	498.0	495.0	494.0	491.0	492.0	496.0	497.0	504.0	513.0	518.0	519.0
40°	537.0	539.0	533.0	527.0	528.0	531.0	538.0	546.0	558.0	566.0	568.0
42.5°	591.0	590.0	582.0	571.0	569.0	573.0	585.0	599.0	614.0	622.0	623.0
45°	660.0	659.0	648.0	634.0	624.0	623.0	634.0	652.0	675.0	689.0	690.0
47.5°	744.9	742.9	723.9	694.0	672.0	673.0	685.0	711.9	740.9	760.9	762.9
50°	850.9	845.9	819.9	773.9	739.9	735.9	744.9	781.9	822.9	847.9	851.9
52.5°	969.9	961.9	932.9	869.9	824.9	807.9	816.9	865.9	914.9	943.9	944.9
55°	1089.9	1087.9	1056.9	994.9	927.9	889.9	907.9	962.9	1023.9	1055.9	1058.9
57.5°	1215.9	1210.9	1183.9	1125.9	1049.9	996.9	1015.9	1076.9	1137.9	1172.9	1178.9
60°	1324.9	1326.9	1305.9	1268.9	1205.9	1148.9	1155.9	1206.9	1269.9	1301.9	1306.9
62.5°	1436.9	1432.9	1427.9	1405.9	1375.9	1328.9	1310.9	1347.9	1398.9	1424.9	1426.9
65°	1574.9	1573.9	1565.9	1553.9	1563.9	1546.9	1502.9	1508.9	1525.9	1544.9	1549.9
67.5°	1582.9	1581.9	1619.9	1684.9	1777.9	1800.9	1681.9	1603.9	1577.9	1567.9	1564.9
70°	1420.9	1422.9	1510.9	1670.9	1892.9	1981.9	1809.9	1585.9	1503.9	1477.9	1467.9
72.5°	1178.9	1190.9	1302.9	1532.9	1875.9	1960.9	1817.9	1506.9	1376.9	1317.9	1316.9
75°	883.9	891.9	1000.9	1271.9	1721.9	1842.9	1706.9	1356.9	1185.9	1121.9	1099.9
77.5°	575.0	579.0	678.0	923.9	1370.9	1628.9	1523.9	1130.9	941.9	860.9	838.9
80°	307.0	319.0	393.0	566.0	867.9	1187.9	1241.9	841.9	617.0	520.0	508.0
82.5°	133.0	137.0	175.0	276.0	453.0	643.0	826.9	527.0	343.0	259.0	244.0
85°	18.0	17.0	31.0	56.0	107.0	212.0	323.0	273.0	166.0	116.0	115.0
87.5°	2.0	2.0	2.0	3.0	3.0	3.0	15.0	24.0	13.0	10.0	6.0
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)