

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: P511085

Luminaire Tested: **PRV-P-PA1A-730-U-5WQ**

Issue Date: 4/7/2021

Test Information

Test Method: LM-79-08
Report Number: P511085
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2103-171-9)
Test Lab: INNOVATION CENTER
Issue Date: 4/7/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: PRV-P-PA1A-730-U-5WQ
Description: PREVAIL AREA AND WALL LUMINAIRE
(1) 70 CRI, 3000K, 375mA LIGHT ENGINE WITH 24 LEDS AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4095 lumens
Efficiency: N/A
Efficacy: 133.4 lumens/watt
Luminous Opening: Rectangular (W 1.04' x L: 0.58' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

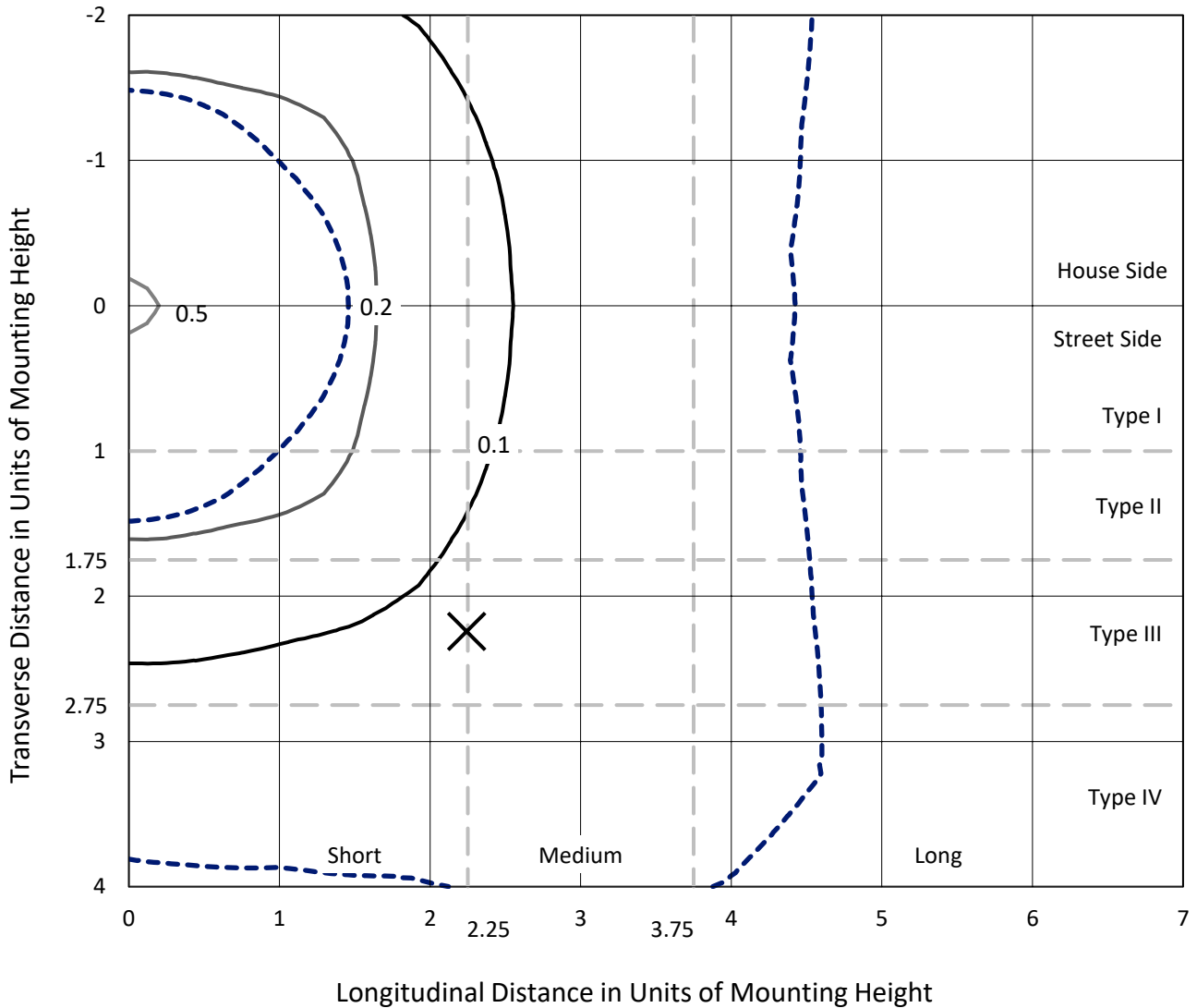
Input Watts (W): 30.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

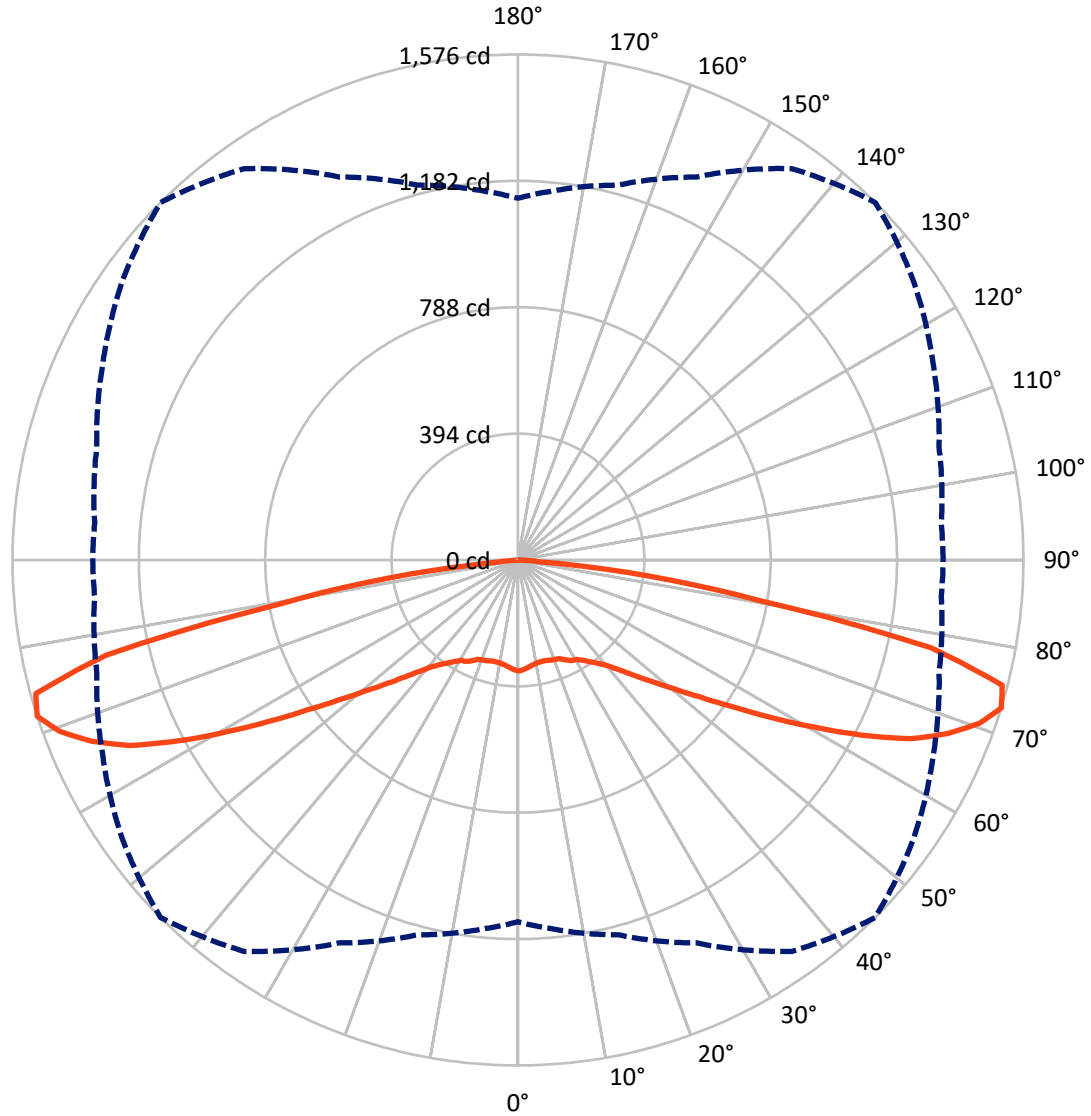
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.6 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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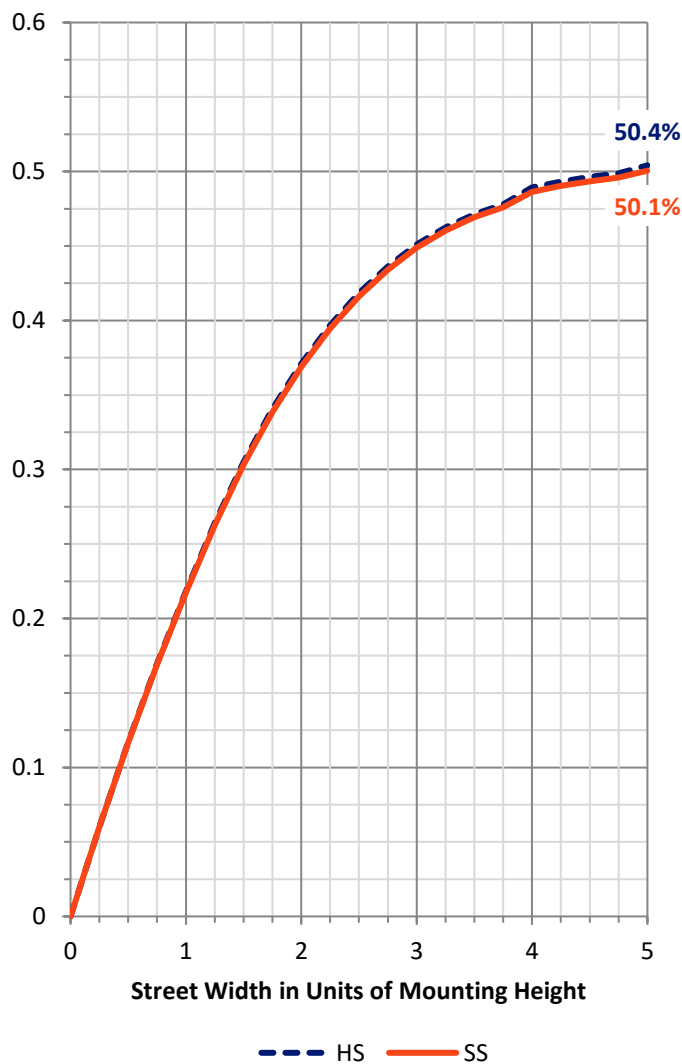
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2047.5	0.0	2047.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2047.5	0.0	2047.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	4095.0	0.0	4095.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.8	0.8
10°-20°	93.3	2.3
20°-30°	159.7	3.9
30°-40°	246.1	6.0
40°-50°	407.4	9.9
50°-60°	708.9	17.3
60°-70°	1179.8	28.8
70°-80°	1157.4	28.3
80°-90°	110.6	2.7
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°	4095.0	100.0
0°-180°	4095.0	100.0

Coefficient of Utilization



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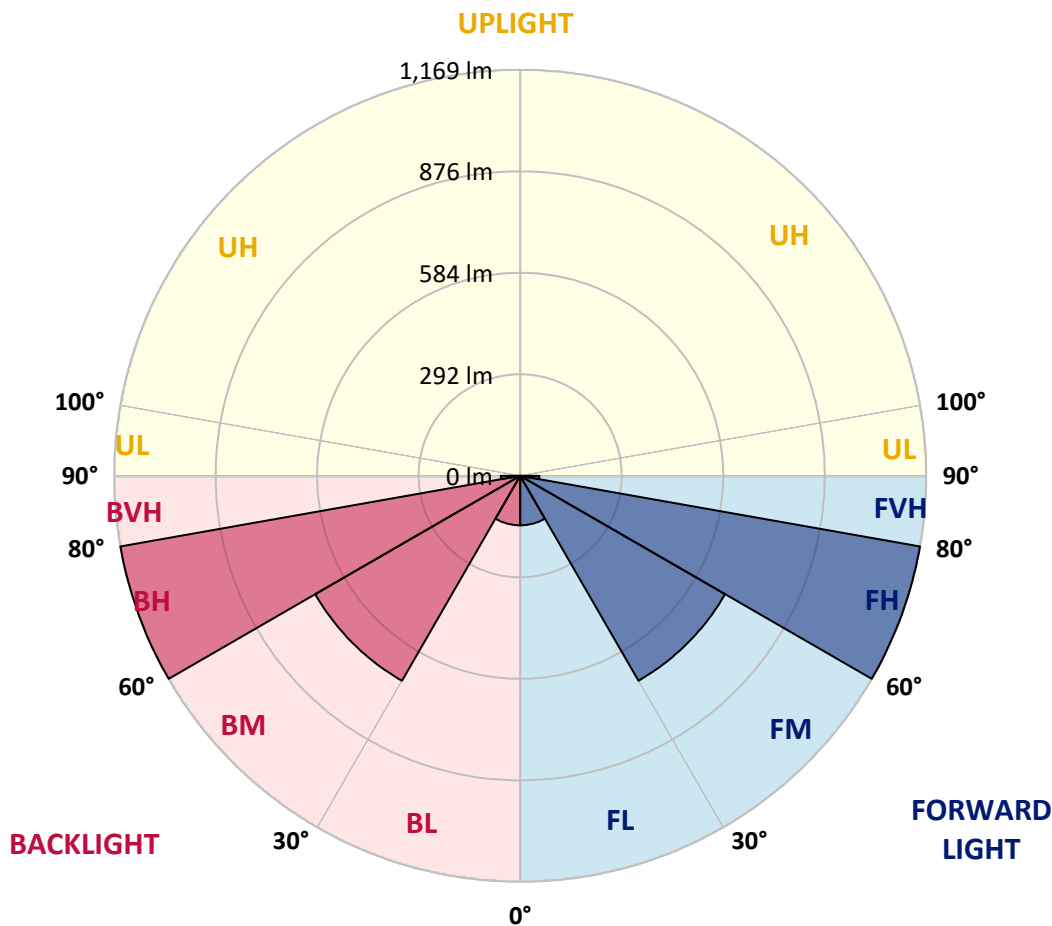
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	142.4	3.5			
FM (30°-60°)	681.2	16.6			
FH (60°-80°)	1168.6	28.5			G1/1800
FVH (80°-90°)	55.3	1.4			G1/100
BL (0°-30°)	142.4	3.5	B1/500		
BM (30°-60°)	681.2	16.6	B1/1000		
BH (60°-80°)	1168.6	28.5	B3/2500		G1/1800
BVH (80°-90°)	55.3	1.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G1

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	346.1	346.1	346.1	346.1	346.1	346.1	346.1	346.1	346.1	346.1	346.1
2.5°	342.4	343.3	341.5	341.5	342.4	342.4	341.5	343.3	343.3	345.2	343.3
5°	335.1	336.1	335.1	335.1	335.1	336.1	336.1	337.0	337.0	337.9	338.8
7.5°	329.7	330.6	329.7	328.8	329.7	330.6	331.5	332.4	332.4	333.3	332.4
10°	328.8	329.7	327.9	326.0	325.1	326.0	325.1	328.8	330.6	331.5	332.4
12.5°	330.6	331.5	329.7	326.0	324.2	325.1	325.1	326.9	330.6	332.4	333.3
15°	331.5	332.4	328.8	325.1	325.1	325.1	325.1	326.0	329.7	331.5	332.4
17.5°	334.2	335.1	332.4	327.9	327.9	328.8	326.9	327.9	328.8	333.3	333.3
20°	337.0	338.8	333.3	331.5	331.5	330.6	329.7	330.6	332.4	337.0	335.1
22.5°	344.2	343.3	339.7	337.9	336.1	334.2	333.3	335.1	337.0	340.6	339.7
25°	348.8	348.8	346.1	344.2	347.0	345.2	343.3	342.4	342.4	345.2	345.2
27.5°	351.5	350.6	348.8	348.8	351.5	355.2	351.5	347.9	346.1	347.9	347.0
30°	358.8	359.7	356.1	356.1	357.9	359.7	357.9	355.2	353.4	357.0	357.9
32.5°	371.6	372.5	368.8	367.0	367.9	373.4	368.8	365.2	367.0	370.7	369.7
35°	391.6	390.7	386.1	381.6	383.4	389.8	384.3	383.4	386.1	389.8	391.6
37.5°	412.6	413.5	408.9	402.5	401.6	408.9	406.2	406.2	409.8	415.3	414.4
40°	445.3	444.4	439.9	428.9	429.9	434.4	435.3	437.1	443.5	446.2	445.3
42.5°	480.9	480.9	474.5	465.4	466.3	470.8	471.7	472.7	477.2	485.4	482.7
45°	529.1	527.3	520.0	510.9	510.0	515.5	516.4	516.4	522.7	528.2	526.4
47.5°	574.7	575.6	569.2	561.9	562.8	568.3	569.2	566.5	570.1	575.6	578.3
50°	627.5	627.5	625.7	617.5	624.7	631.1	629.3	628.4	632.0	632.9	630.2
52.5°	686.7	690.3	687.6	685.8	697.6	709.4	707.6	695.8	694.0	696.7	694.0
55°	759.5	758.6	761.4	767.7	788.7	803.2	796.0	781.4	775.0	769.6	771.4
57.5°	830.6	836.0	840.6	856.1	892.5	922.6	908.0	877.9	859.7	848.8	849.7
60°	901.6	908.9	921.6	952.6	1016.4	1057.3	1043.7	989.9	958.1	941.7	937.1
62.5°	986.3	989.9	1003.6	1045.5	1137.5	1202.1	1170.3	1096.5	1054.6	1036.4	1028.2
65°	1076.5	1081.0	1099.2	1143.9	1265.0	1344.2	1294.1	1212.2	1158.4	1133.8	1125.6
67.5°	1158.4	1170.3	1188.5	1244.9	1377.9	1445.3	1392.5	1317.8	1271.4	1237.7	1241.3
70°	1237.7	1242.2	1267.7	1318.7	1458.0	1526.4	1465.3	1414.3	1366.1	1331.5	1342.4
72.5°	1128.4	1153.9	1210.3	1317.8	1489.9	1576.4	1508.1	1429.8	1359.7	1325.1	1326.0
75°	817.8	841.5	900.7	1041.9	1376.1	1560.0	1464.4	1320.5	1202.1	1155.7	1148.4
77.5°	561.0	556.4	610.2	724.0	961.7	1316.9	1266.8	1022.7	845.1	741.3	750.4
80°	153.0	162.1	235.9	396.2	636.6	761.4	768.6	540.1	337.0	247.7	245.0
82.5°	35.5	38.2	56.5	97.4	235.9	411.6	243.2	127.5	87.4	58.3	42.8
85°	7.3	7.3	9.1	17.3	49.2	62.8	41.0	30.1	29.1	15.5	14.6
87.5°	0.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.9	0.9	0.9
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)