

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: P511229

Luminaire Tested: **PRV-P-PA1C-730-U-5WQ**

Issue Date: 4/7/2021

Test Information

Test Method: LM-79-08
Report Number: P511229
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-PA1C-730-U-5WQ
Description: PREVAIL AREA AND WALL LUMINAIRE
(1) 70 CRI, 3000K, 930mA LIGHT ENGINE WITH 24 LEDS AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8632 lumens
Efficiency: N/A
Efficacy: 119.7 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

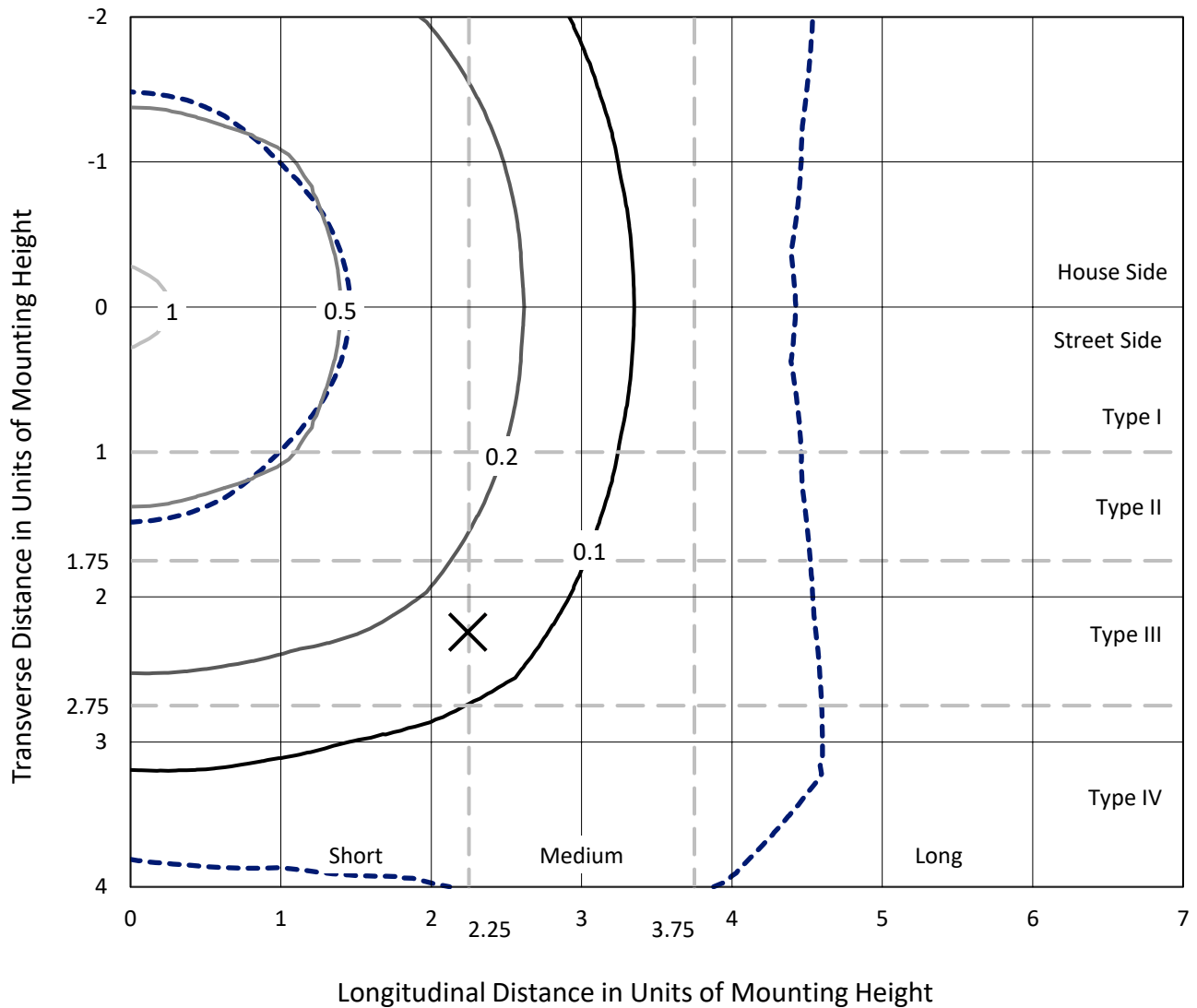
Input Watts (W): 72.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

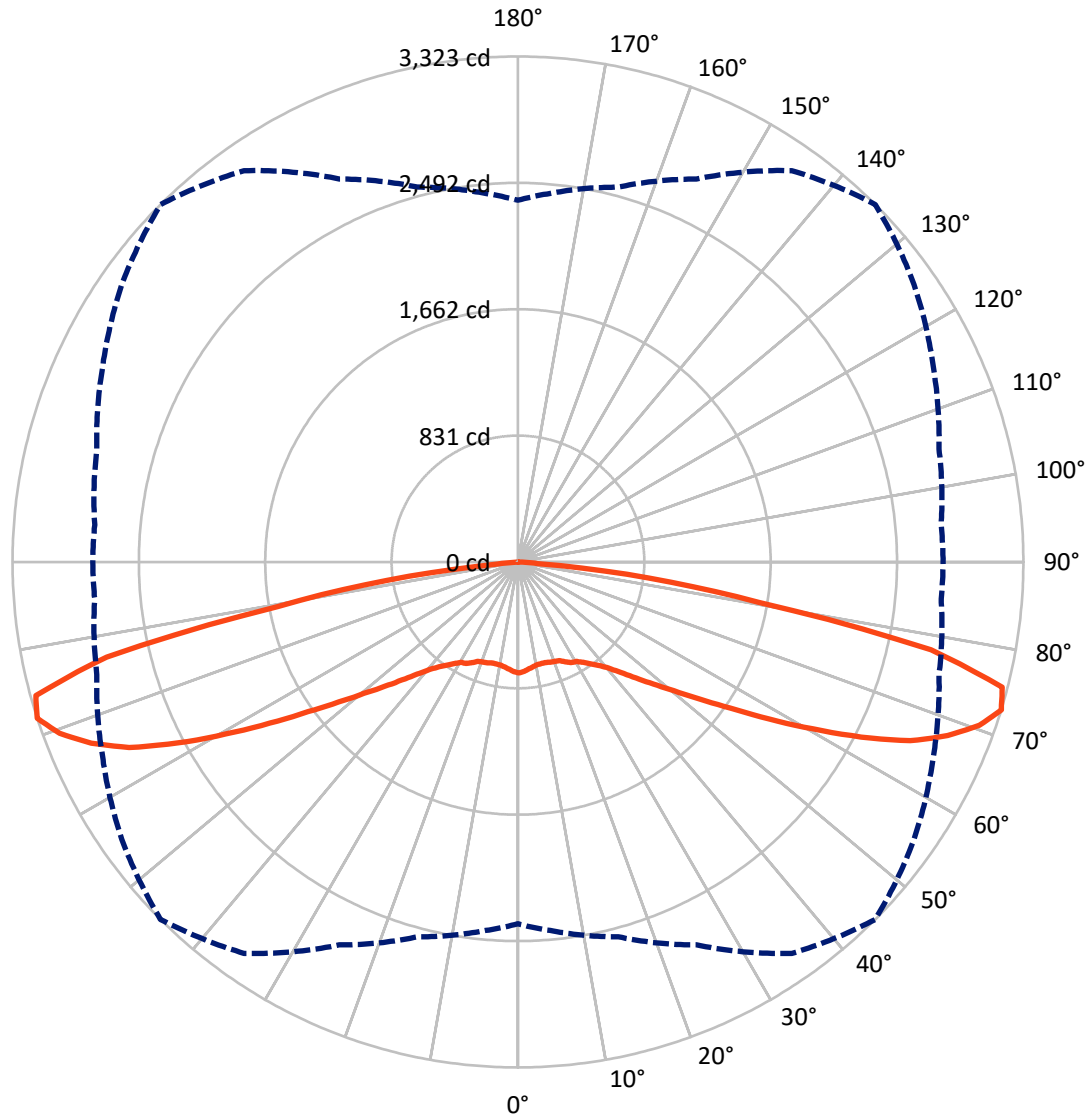
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.2 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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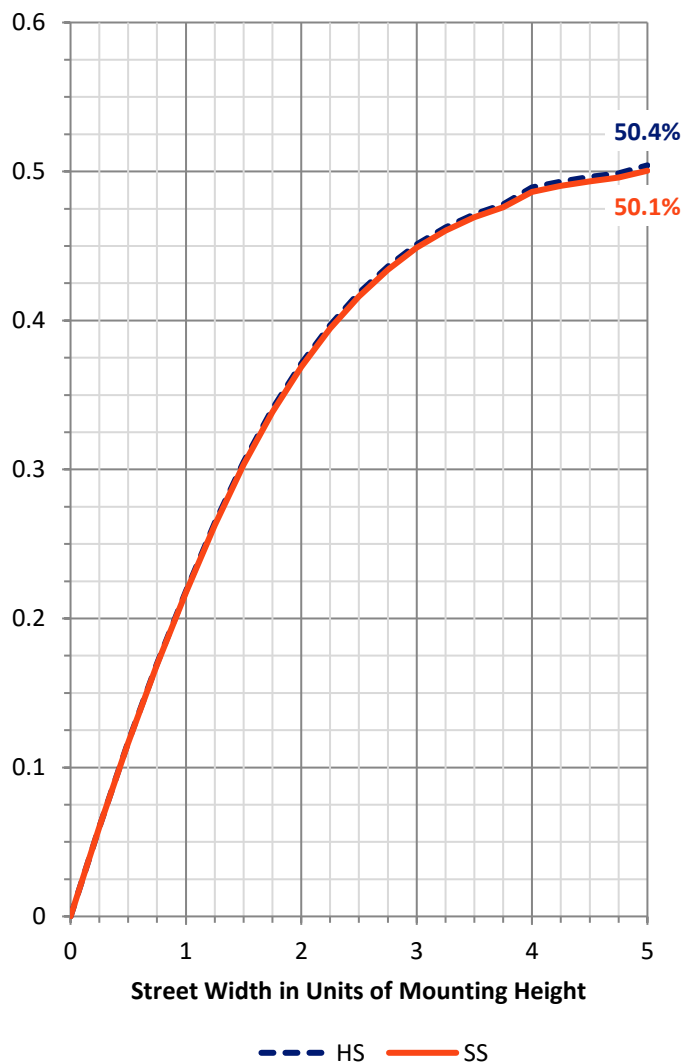
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4316.0	0.0	4316.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4316.0	0.0	4316.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	8632.0	0.0	8632.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.1	0.8
10°-20°	196.7	2.3
20°-30°	336.6	3.9
30°-40°	518.7	6.0
40°-50°	858.8	9.9
50°-60°	1494.2	17.3
60°-70°	2487.0	28.8
70°-80°	2439.7	28.3
80°-90°	233.2	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°	8632.0	100.0
0°-180°	8632.0	100.0

Coefficient of Utilization



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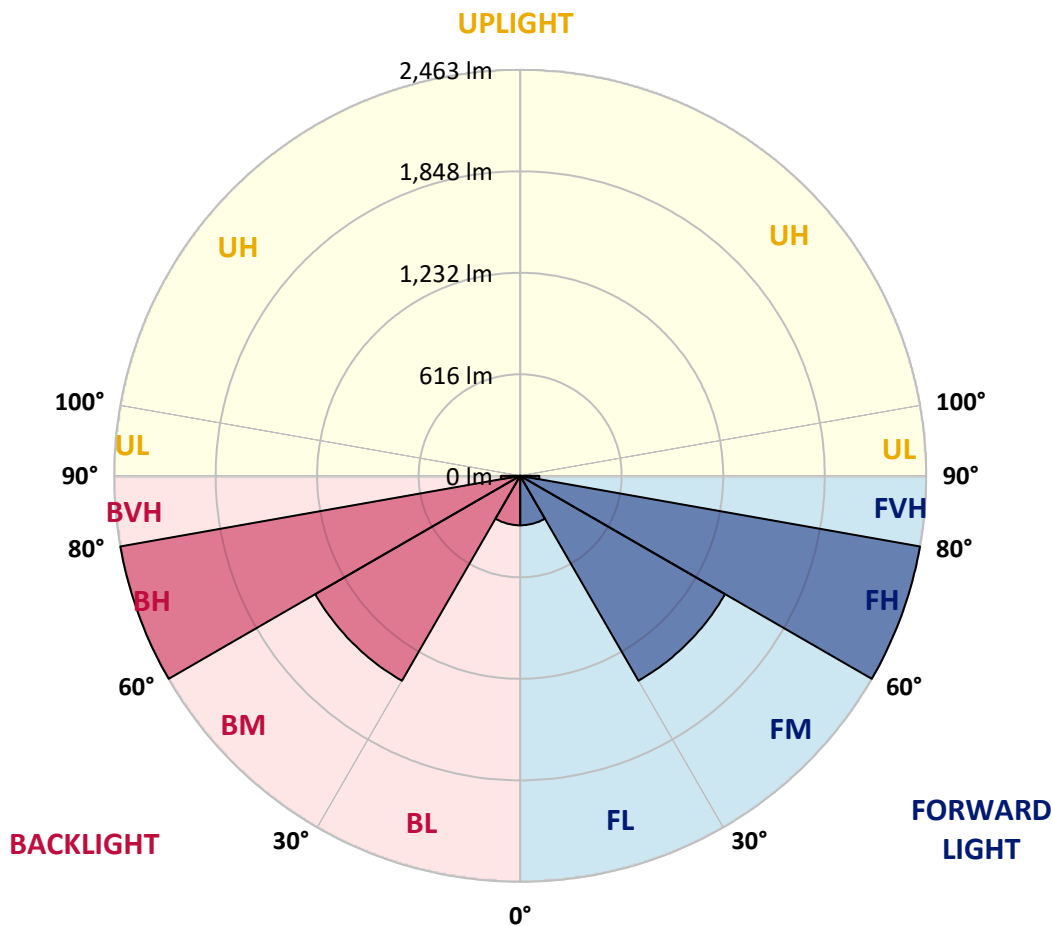
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	300.2	3.5			
FM (30°-60°)	1435.9	16.6			
FH (60°-80°)	2463.3	28.5			G2/5000
FVH (80°-90°)	116.6	1.4			G2/225
BL (0°-30°)	300.2	3.5	B1/500		
BM (30°-60°)	1435.9	16.6	B2/2500		
BH (60°-80°)	2463.3	28.5	B3/2500		G2/5000
BVH (80°-90°)	116.6	1.4			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°	729.5	729.5	729.5	729.5	729.5	729.5	729.5	729.5	729.5	729.5	729.5
2.5°	721.8	723.7	719.9	719.9	721.8	721.8	719.9	723.7	723.7	727.6	723.7
5°	706.5	708.4	706.5	706.5	706.5	708.4	708.4	710.3	710.3	712.2	714.1
7.5°	694.9	696.9	694.9	693.0	694.9	696.9	698.8	700.7	700.7	702.6	700.7
10°	693.0	694.9	691.1	687.3	685.3	687.3	685.3	693.0	696.9	698.8	700.7
12.5°	696.9	698.8	694.9	687.3	683.4	685.3	685.3	689.2	696.9	700.7	702.6
15°	698.8	700.7	693.0	685.3	685.3	685.3	685.3	687.3	694.9	698.8	700.7
17.5°	704.5	706.5	700.7	691.1	691.1	693.0	689.2	691.1	693.0	702.6	702.6
20°	710.3	714.1	702.6	698.8	698.8	696.9	694.9	696.9	700.7	710.3	706.5
22.5°	725.7	723.7	716.1	712.2	708.4	704.5	702.6	706.5	710.3	718.0	716.1
25°	735.3	735.3	729.5	725.7	731.4	727.6	723.7	721.8	721.8	727.6	727.6
27.5°	741.0	739.1	735.3	735.3	741.0	748.7	741.0	733.3	729.5	733.3	731.4
30°	756.4	758.3	750.6	750.6	754.5	758.3	754.5	748.7	744.9	752.5	754.5
32.5°	783.2	785.2	777.5	773.6	775.6	787.1	777.5	769.8	773.6	781.3	779.4
35°	825.5	823.6	814.0	804.4	808.2	821.6	810.1	808.2	814.0	821.6	825.5
37.5°	869.6	871.6	862.0	848.5	846.6	862.0	856.2	856.2	863.9	875.4	873.5
40°	938.7	936.8	927.2	904.2	906.1	915.7	917.6	921.5	934.9	940.7	938.7
42.5°	1013.6	1013.6	1000.2	981.0	982.9	992.5	994.4	996.3	1005.9	1023.2	1017.5
45°	1115.4	1111.5	1096.2	1077.0	1075.0	1086.6	1088.5	1088.5	1101.9	1113.4	1109.6
47.5°	1211.3	1213.3	1199.8	1184.5	1186.4	1197.9	1199.8	1194.1	1201.7	1213.3	1219.0
50°	1322.7	1322.7	1318.8	1301.6	1316.9	1330.4	1326.5	1324.6	1332.3	1334.2	1328.4
52.5°	1447.5	1455.1	1449.4	1445.6	1470.5	1495.5	1491.6	1466.7	1462.8	1468.6	1462.8
55°	1601.0	1599.1	1604.9	1618.3	1662.5	1693.2	1677.8	1647.1	1633.7	1622.2	1626.0
57.5°	1750.8	1762.3	1771.9	1804.5	1881.3	1944.7	1914.0	1850.6	1812.2	1789.2	1791.1
60°	1900.5	1915.9	1942.8	2008.0	2142.4	2228.8	2200.0	2086.7	2019.5	1985.0	1975.4
62.5°	2079.1	2086.7	2115.5	2203.8	2397.7	2534.0	2466.8	2311.3	2223.0	2184.6	2167.4
65°	2269.1	2278.7	2317.1	2411.2	2666.5	2833.5	2727.9	2555.1	2441.9	2390.1	2372.8
67.5°	2441.9	2466.8	2505.2	2624.3	2904.5	3046.6	2935.3	2777.8	2679.9	2608.9	2616.6
70°	2608.9	2618.5	2672.3	2779.8	3073.5	3217.5	3088.8	2981.3	2879.6	2806.6	2829.7
72.5°	2378.5	2432.3	2551.3	2777.8	3140.7	3323.0	3179.1	3014.0	2866.1	2793.2	2795.1
75°	1723.9	1773.8	1898.6	2196.2	2900.7	3288.5	3086.9	2783.6	2534.0	2436.1	2420.8
77.5°	1182.5	1172.9	1286.2	1526.2	2027.2	2775.9	2670.3	2155.8	1781.5	1562.7	1581.9
80°	322.5	341.7	497.2	835.1	1341.9	1604.9	1620.2	1138.4	710.3	522.2	516.4
82.5°	74.9	80.6	119.0	205.4	497.2	867.7	512.6	268.8	184.3	122.9	90.2
85°	15.4	15.4	19.2	36.5	103.7	132.5	86.4	63.4	61.4	32.6	30.7
87.5°	1.9	3.8	3.8	3.8	3.8	3.8	3.8	3.8	1.9	1.9	1.9
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)