

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: P511063

Luminaire Tested: **PRV-P-C25-D-UNV-T5-7030**

Issue Date: 4/7/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P511063  
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-C25-D-UNV-T5-7030  
Description: PREVAIL AREA AND WALL LUMINAIRE  
(1) 70 CRI, 3000K, 1650mA LED AND TYPE V OPTIC  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12004 lumens  
Efficiency: N/A  
Efficacy: 127.6 lumens/watt  
Luminous Opening: Rectangular (W 1.04' x L: 0.58' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B4 - U0 - G3

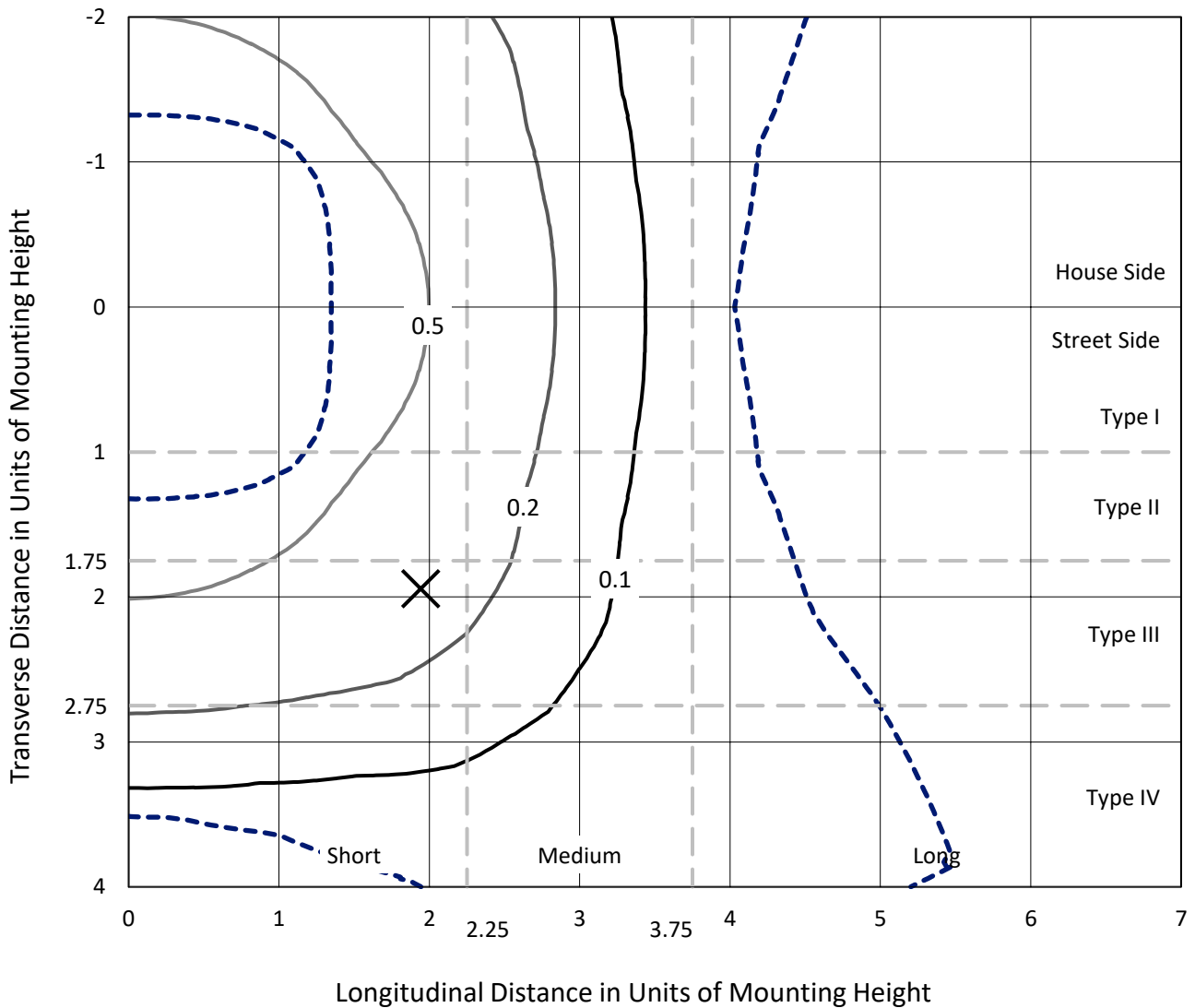
Input Watts (W): 94.1  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P511063  
 CATALOG NUMBER: PRV-P-C25-D-UNV-T5-7030

### Iso-Footcandle Lines of Horizontal Illumination

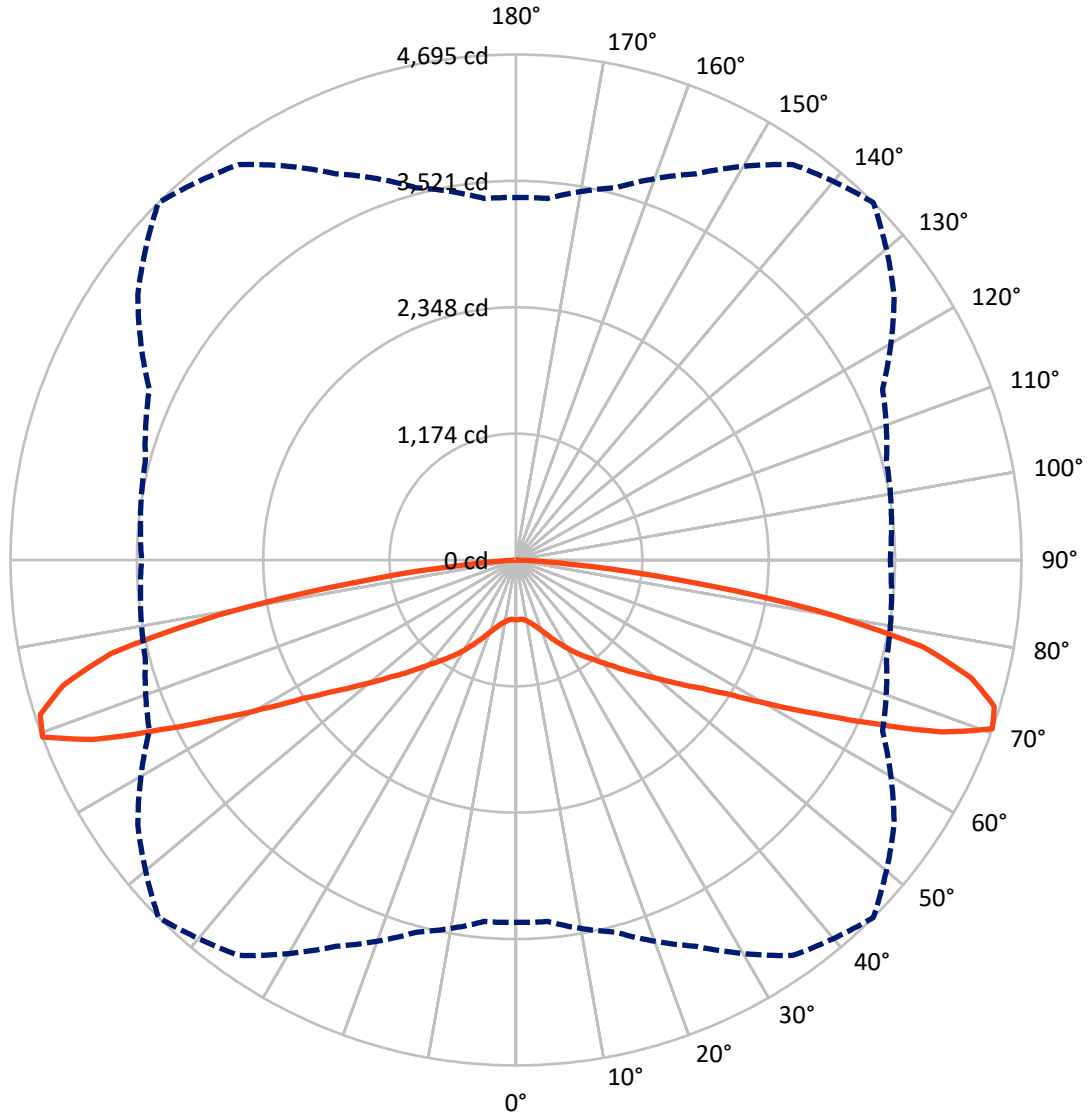
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1 fc  
 Type V - Short - N/A

REPORT NUMBER: P511063  
CATALOG NUMBER: PRV-P-C25-D-UNV-T5-7030

### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral      - - - Horizontal Cone Through 70-Deg Vertical

REPORT NUMBER: P511063  
 CATALOG NUMBER: PRV-P-C25-D-UNV-T5-7030

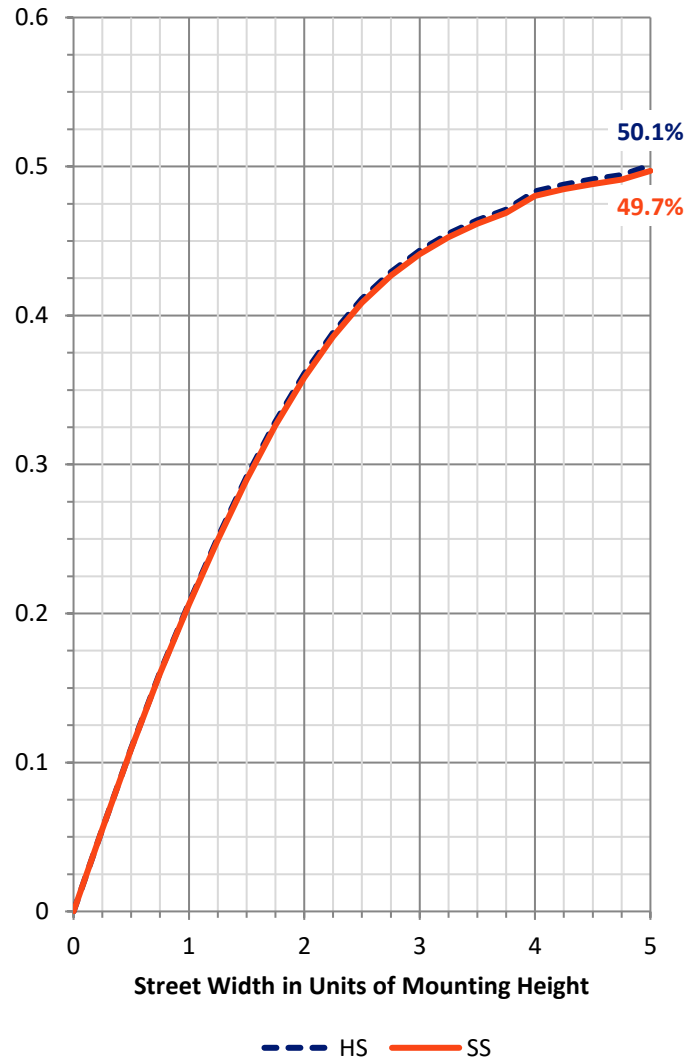
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	6002.0	0.0	6002.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	6002.0	0.0	6002.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	12004.0	0.0	12004.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	53.8	0.4
10°-20°	179.0	1.5
20°-30°	376.4	3.1
30°-40°	696.3	5.8
40°-50°	1205.9	10.0
50°-60°	2133.4	17.8
60°-70°	3551.5	29.6
70°-80°	3215.3	26.8
80°-90°	592.3	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°	12004.0	100.0
0°-180°	12004.0	100.0

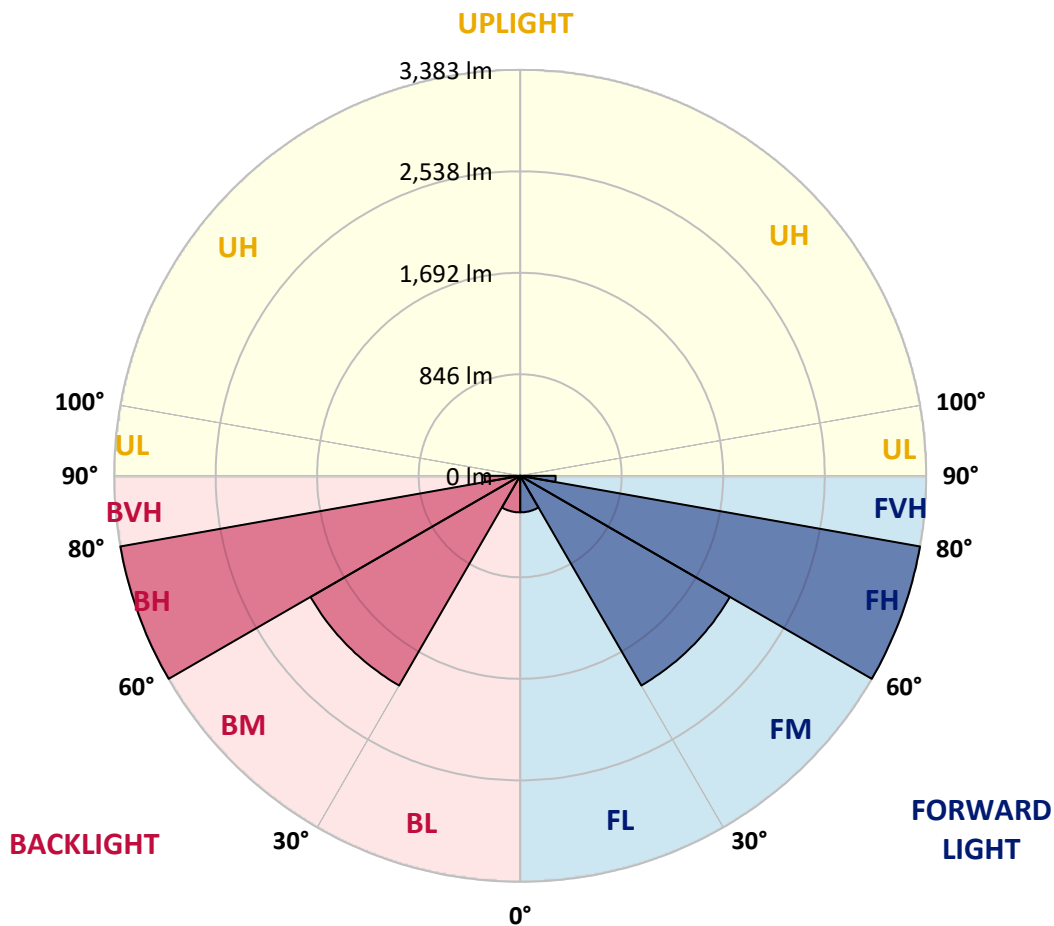


REPORT NUMBER: P511063  
 CATALOG NUMBER: PRV-P-C25-D-UNV-T5-7030

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	304.6	2.5			
FM (30°-60°)	2017.8	16.8			
FH (60°-80°)	3383.4	28.2			G2/5000
FVH (80°-90°)	296.2	2.5			G3/500
BL (0°-30°)	304.6	2.5	B1/500		
BM (30°-60°)	2017.8	16.8	B2/2500		
BH (60°-80°)	3383.4	28.2	B4/5000		G2/5000
BVH (80°-90°)	296.2	2.5			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G3**  
 Type V Short





REPORT NUMBER: P511063

CATALOG NUMBER: PRV-P-C25-D-UNV-T5-7030

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	556.7	556.7	556.7	556.7	556.7	556.7	556.7	556.7	556.7	556.7	556.7
2.5°	556.7	554.3	554.3	552.0	552.0	554.3	554.3	556.7	559.1	559.1	559.1
5°	554.3	554.3	554.3	552.0	552.0	552.0	554.3	556.7	559.1	559.1	561.4
7.5°	561.4	563.8	561.4	559.1	559.1	561.4	563.8	566.2	568.5	570.9	568.5
10°	578.0	578.0	578.0	575.6	578.0	578.0	580.4	580.4	582.7	582.7	580.4
12.5°	594.6	594.6	594.6	597.0	597.0	599.3	601.7	599.3	597.0	594.6	594.6
15°	613.5	613.5	613.5	618.3	623.0	627.8	625.4	623.0	615.9	611.2	611.2
17.5°	642.0	642.0	642.0	649.1	658.6	663.3	660.9	651.4	649.1	646.7	646.7
20°	679.9	679.9	684.6	687.0	701.2	708.3	701.2	691.7	691.7	687.0	689.3
22.5°	727.2	729.6	727.2	736.7	750.9	760.4	750.9	746.2	741.5	741.5	741.5
25°	788.8	788.8	784.1	788.8	805.4	822.0	812.5	805.4	800.7	803.1	807.8
27.5°	850.4	852.8	850.4	848.1	867.0	886.0	874.1	867.0	871.8	874.1	874.1
30°	919.1	926.2	921.5	921.5	928.6	957.0	945.2	940.4	947.6	947.6	949.9
32.5°	1004.4	1006.8	1002.0	999.7	1006.8	1028.1	1016.3	1018.6	1028.1	1035.2	1035.2
35°	1087.3	1089.7	1080.2	1077.8	1089.7	1099.2	1096.8	1103.9	1115.7	1127.6	1127.6
37.5°	1179.7	1172.6	1170.2	1163.1	1165.5	1175.0	1177.3	1193.9	1215.2	1227.1	1229.5
40°	1272.1	1276.8	1262.6	1248.4	1250.8	1257.9	1274.5	1293.4	1321.8	1340.8	1345.5
42.5°	1400.0	1397.6	1378.7	1352.6	1347.9	1357.4	1385.8	1419.0	1454.5	1473.4	1475.8
45°	1563.5	1561.1	1535.0	1501.9	1478.2	1475.8	1501.9	1544.5	1599.0	1632.2	1634.5
47.5°	1764.8	1760.1	1715.1	1644.0	1591.9	1594.3	1622.7	1686.6	1755.3	1802.7	1807.5
50°	2015.9	2004.1	1942.5	1833.5	1753.0	1743.5	1764.8	1852.5	1949.6	2008.8	2018.3
52.5°	2297.8	2278.9	2210.2	2060.9	1954.3	1914.1	1935.4	2051.5	2167.5	2236.2	2238.6
55°	2582.1	2577.3	2503.9	2357.0	2198.3	2108.3	2150.9	2281.2	2425.7	2501.5	2508.7
57.5°	2880.6	2868.7	2804.8	2667.4	2487.3	2361.8	2406.8	2551.3	2695.8	2778.7	2792.9
60°	3138.8	3143.5	3093.8	3006.1	2856.9	2721.9	2738.4	2859.2	3008.5	3084.3	3096.1
62.5°	3404.1	3394.6	3382.8	3330.7	3259.6	3148.2	3105.6	3193.3	3314.1	3375.7	3380.4
65°	3731.0	3728.6	3709.7	3681.2	3704.9	3664.7	3560.4	3574.6	3614.9	3659.9	3671.8
67.5°	3749.9	3747.6	3837.6	3991.6	4211.9	4266.4	3984.5	3799.7	3738.1	3714.4	3707.3
70°	3366.2	3370.9	3579.4	3958.4	4484.3	4695.1	4287.7	3757.1	3562.8	3501.2	3477.5
72.5°	2792.9	2821.3	3086.7	3631.5	4444.0	4645.4	4306.6	3569.9	3262.0	3122.2	3119.8
75°	2094.1	2113.0	2371.3	3013.2	4079.2	4365.9	4043.7	3214.6	2809.5	2657.9	2605.8
77.5°	1362.1	1371.6	1606.1	2188.9	3247.7	3858.9	3610.2	2679.2	2231.5	2039.6	1987.5
80°	727.2	755.7	931.0	1340.8	2056.2	2814.2	2942.2	1994.6	1461.6	1231.8	1203.4
82.5°	315.1	324.5	414.6	653.8	1073.1	1523.2	1959.1	1248.4	812.5	613.5	578.0
85°	42.6	40.3	73.4	132.7	253.5	502.2	765.2	646.7	393.2	274.8	272.4
87.5°	4.7	4.7	4.7	7.1	7.1	7.1	35.5	56.9	30.8	23.7	14.2
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)