

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: P510920

Luminaire Tested: **PRV-P-C10-D-UNV-T5-7050**

Issue Date: 4/7/2021

Test Information

Test Method: LM-79-08
Report Number: P510920
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-T5-7050
Description: PREVAIL AREA AND WALL LUMINAIRE
(1) 70 CRI, 5000K, 600mA LED AND TYPE V OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5160 lumens
Efficiency: N/A
Efficacy: 149.1 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

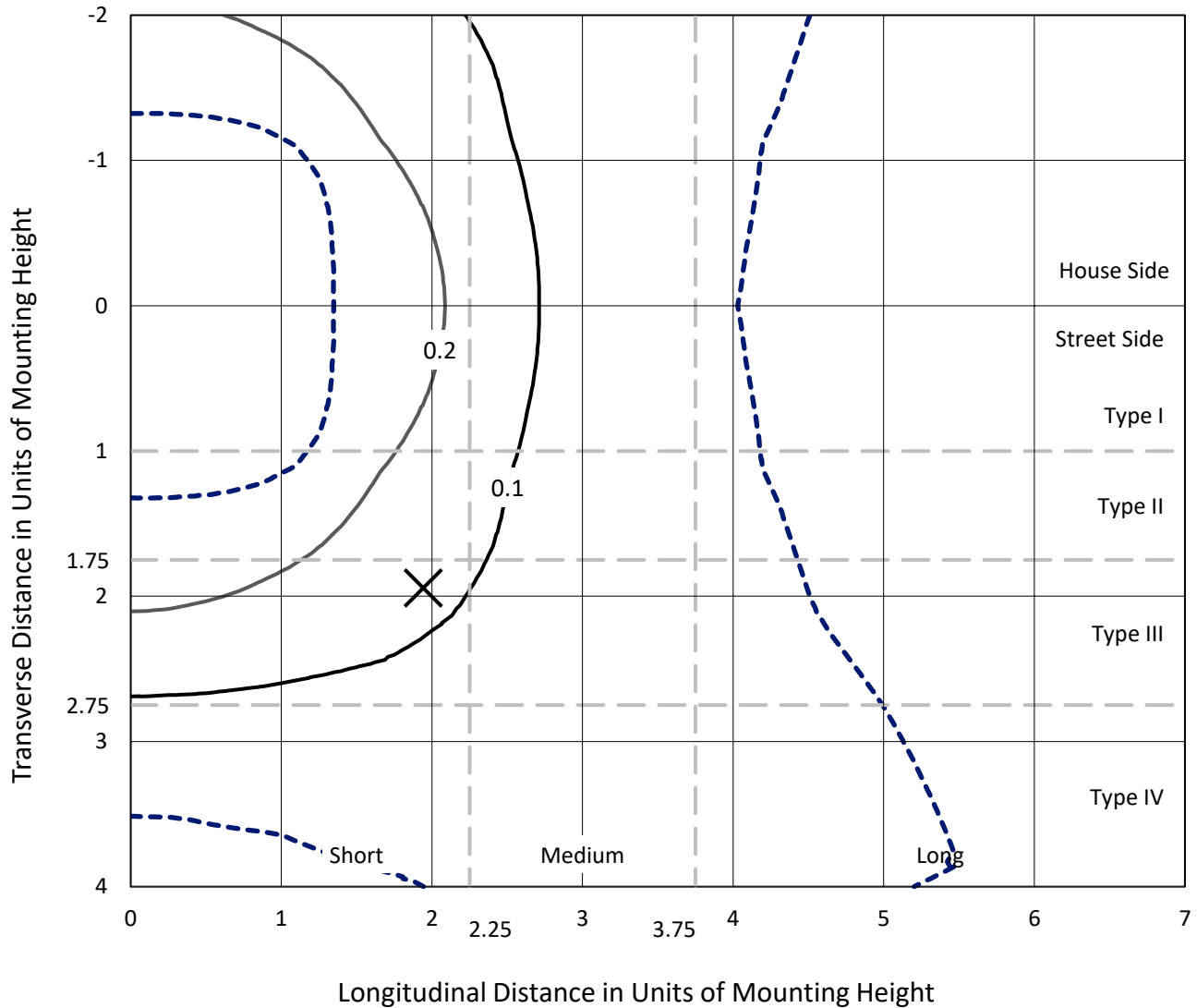
Input Watts (W): 34.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P510920
 CATALOG NUMBER: PRV-P-C10-D-UNV-T5-7050

Iso-Footcandle Lines of Horizontal Illumination

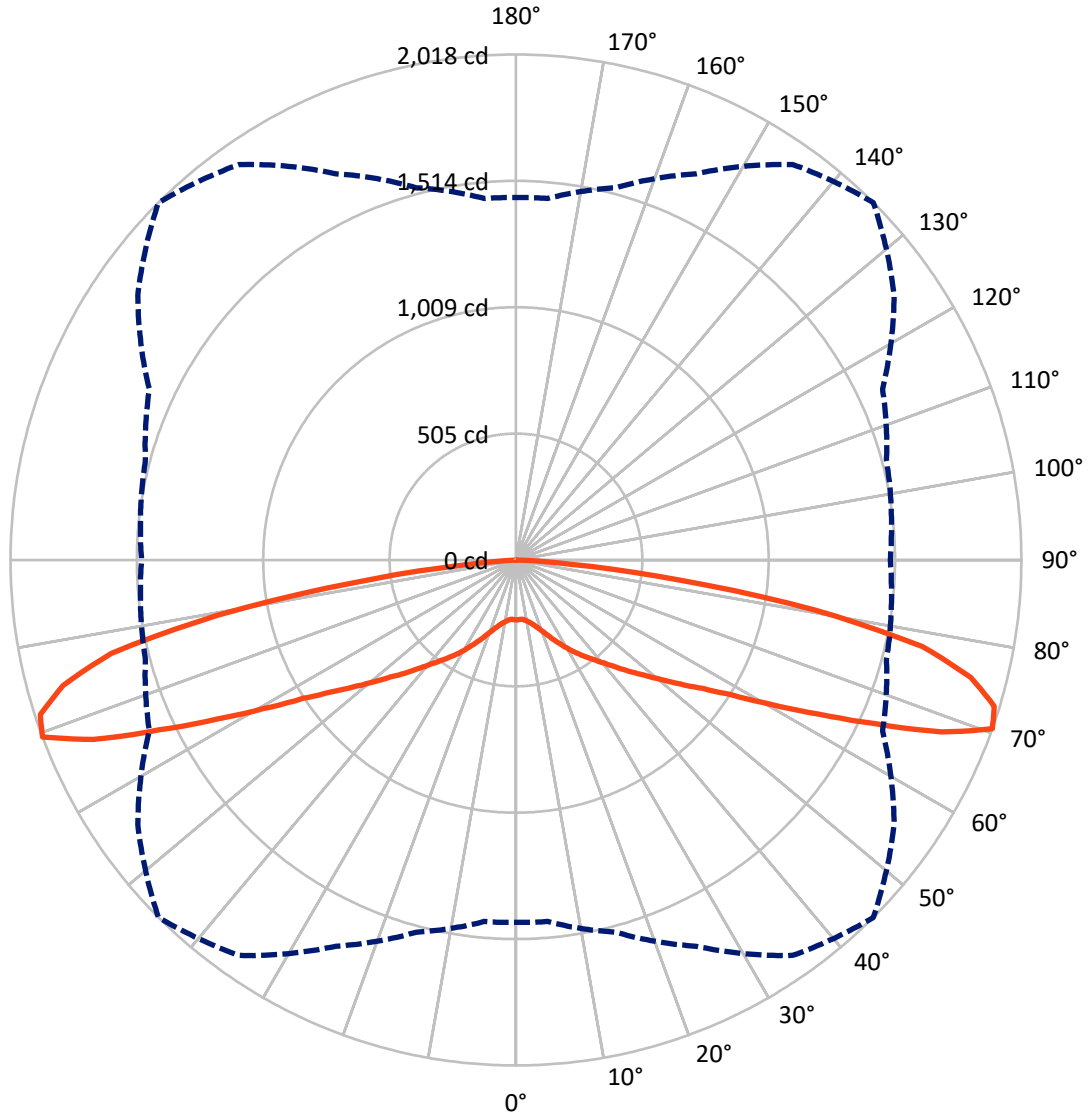
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.4 fc
 Type V - Short - N/A

REPORT NUMBER: P510920
CATALOG NUMBER: PRV-P-C10-D-UNV-T5-7050

Luminous Intensity Polar Plot



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

REPORT NUMBER: P510920
 CATALOG NUMBER: PRV-P-C10-D-UNV-T5-7050

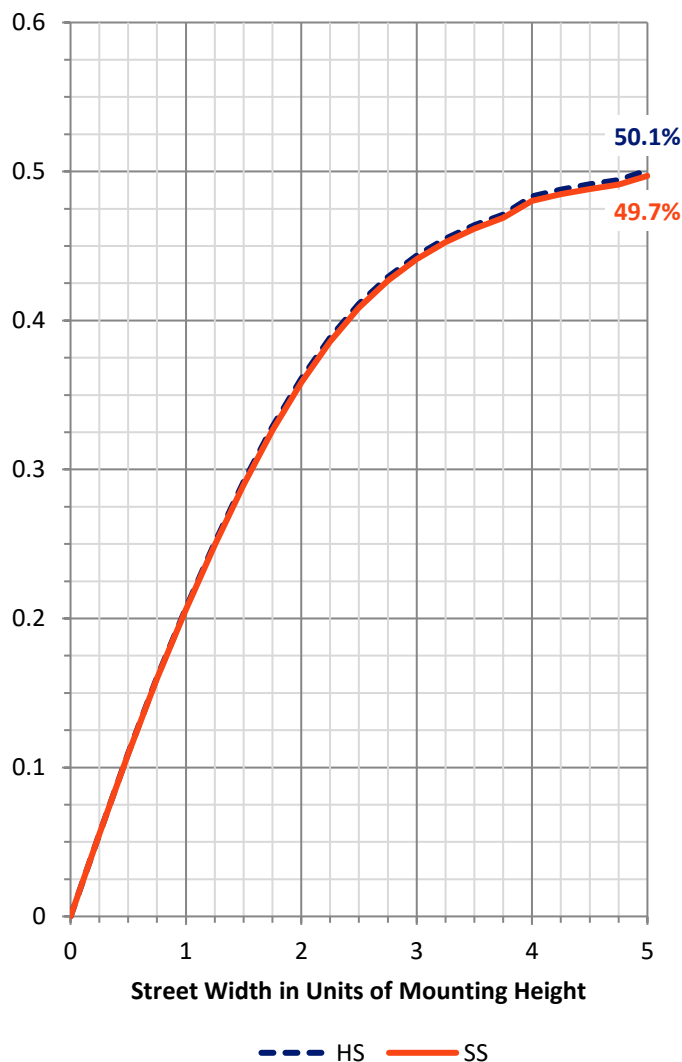
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2580.0	0.0	2580.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2580.0	0.0	2580.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	5160.0	0.0	5160.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.1	0.4
10°-20°	77.0	1.5
20°-30°	161.8	3.1
30°-40°	299.3	5.8
40°-50°	518.3	10.0
50°-60°	917.0	17.8
60°-70°	1526.6	29.6
70°-80°	1382.1	26.8
80°-90°	254.6	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°	5160.0	100.0
0°-180°	5160.0	100.0

Coefficient of Utilization

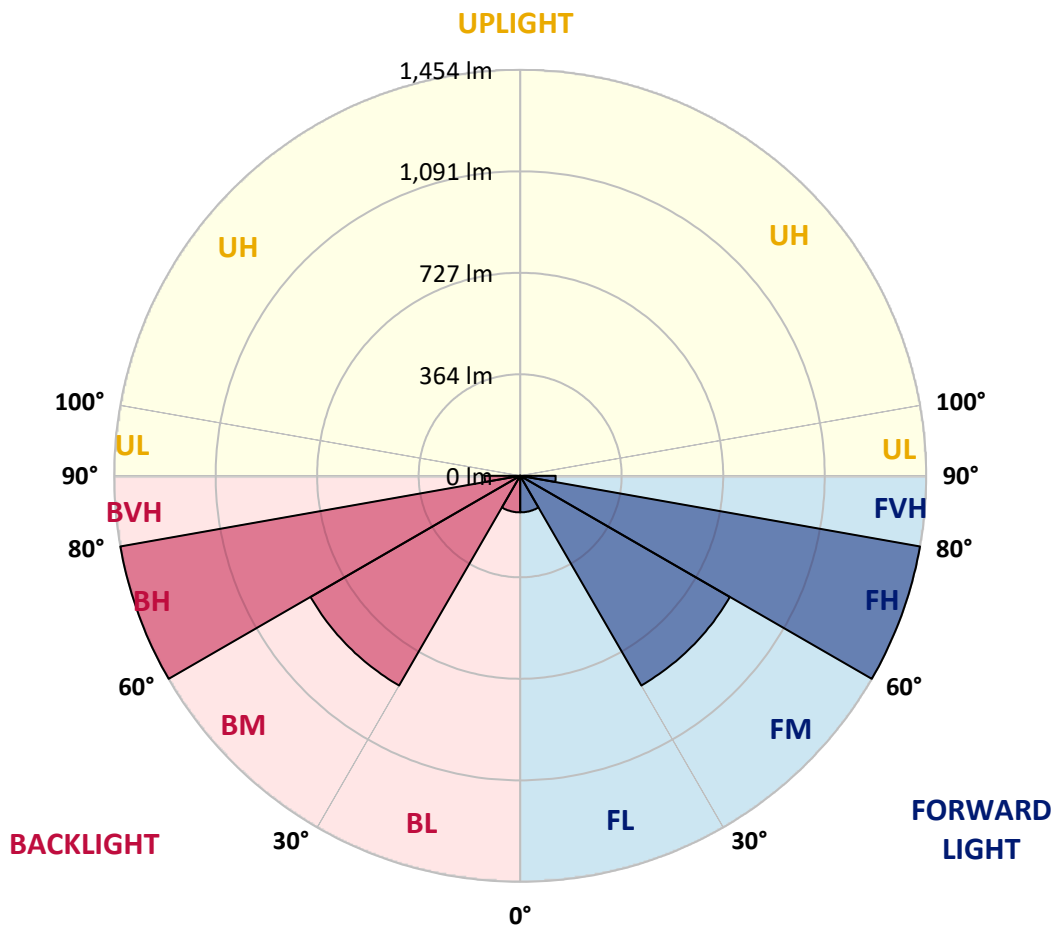


REPORT NUMBER: P510920
 CATALOG NUMBER: PRV-P-C10-D-UNV-T5-7050

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	131.0	2.5			
FM (30°-60°)	867.3	16.8			
FH (60°-80°)	1454.4	28.2			G1/1800
FVH (80°-90°)	127.3	2.5			G2/225
BL (0°-30°)	131.0	2.5	B1/500		
BM (30°-60°)	867.3	16.8	B1/1000		
BH (60°-80°)	1454.4	28.2	B3/2500		G1/1800
BVH (80°-90°)	127.3	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





REPORT NUMBER: P510920

CATALOG NUMBER: PRV-P-C10-D-UNV-T5-7050

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	239.3	239.3	239.3	239.3	239.3	239.3	239.3	239.3	239.3	239.3	239.3
2.5°	239.3	238.3	238.3	237.3	237.3	238.3	238.3	239.3	240.3	240.3	240.3
5°	238.3	238.3	238.3	237.3	237.3	237.3	238.3	239.3	240.3	240.3	241.3
7.5°	241.3	242.4	241.3	240.3	240.3	241.3	242.4	243.4	244.4	245.4	244.4
10°	248.5	248.5	248.5	247.4	248.5	248.5	249.5	249.5	250.5	250.5	249.5
12.5°	255.6	255.6	255.6	256.6	256.6	257.6	258.6	257.6	256.6	255.6	255.6
15°	263.7	263.7	263.7	265.8	267.8	269.8	268.8	267.8	264.8	262.7	262.7
17.5°	276.0	276.0	276.0	279.0	283.1	285.1	284.1	280.0	279.0	278.0	278.0
20°	292.2	292.2	294.3	295.3	301.4	304.5	301.4	297.3	297.3	295.3	296.3
22.5°	312.6	313.6	312.6	316.7	322.8	326.9	322.8	320.8	318.7	318.7	318.7
25°	339.1	339.1	337.1	339.1	346.2	353.3	349.3	346.2	344.2	345.2	347.2
27.5°	365.6	366.6	365.6	364.5	372.7	380.8	375.7	372.7	374.7	375.7	375.7
30°	395.1	398.1	396.1	396.1	399.2	411.4	406.3	404.3	407.3	407.3	408.3
32.5°	431.8	432.8	430.7	429.7	432.8	441.9	436.8	437.9	441.9	445.0	445.0
35°	467.4	468.4	464.3	463.3	468.4	472.5	471.5	474.5	479.6	484.7	484.7
37.5°	507.1	504.0	503.0	500.0	501.0	505.1	506.1	513.2	522.4	527.5	528.5
40°	546.8	548.9	542.7	536.6	537.7	540.7	547.8	556.0	568.2	576.3	578.4
42.5°	601.8	600.8	592.6	581.4	579.4	583.5	595.7	610.0	625.2	633.4	634.4
45°	672.1	671.0	659.8	645.6	635.4	634.4	645.6	663.9	687.3	701.6	702.6
47.5°	758.6	756.6	737.2	706.7	684.3	685.3	697.5	725.0	754.5	774.9	776.9
50°	866.6	861.5	835.0	788.1	753.5	749.5	758.6	796.3	838.0	863.5	867.6
52.5°	987.7	979.6	950.1	885.9	840.1	822.8	831.9	881.8	931.7	961.3	962.3
55°	1109.9	1107.9	1076.3	1013.2	945.0	906.3	924.6	980.6	1042.7	1075.3	1078.4
57.5°	1238.2	1233.1	1205.6	1146.6	1069.2	1015.2	1034.6	1096.7	1158.8	1194.4	1200.6
60°	1349.2	1351.3	1329.9	1292.2	1228.0	1170.0	1177.1	1229.1	1293.2	1325.8	1330.9
62.5°	1463.3	1459.2	1454.1	1431.7	1401.2	1353.3	1335.0	1372.6	1424.6	1451.1	1453.1
65°	1603.8	1602.8	1594.6	1582.4	1592.6	1575.3	1530.5	1536.6	1553.9	1573.2	1578.3
67.5°	1611.9	1610.9	1649.6	1715.8	1810.5	1833.9	1712.7	1633.3	1606.8	1596.7	1593.6
70°	1447.0	1449.0	1538.6	1701.5	1927.6	2018.2	1843.1	1615.0	1531.5	1505.0	1494.8
72.5°	1200.6	1212.8	1326.8	1561.0	1910.3	1996.9	1851.2	1534.6	1402.2	1342.1	1341.1
75°	900.2	908.3	1019.3	1295.3	1753.5	1876.7	1738.2	1381.8	1207.7	1142.5	1120.1
77.5°	585.5	589.6	690.4	940.9	1396.1	1658.8	1551.9	1151.7	959.2	876.7	854.3
80°	312.6	324.8	400.2	576.3	883.9	1209.7	1264.7	857.4	628.3	529.5	517.3
82.5°	135.4	139.5	178.2	281.0	461.3	654.8	842.1	536.6	349.3	263.7	248.5
85°	18.3	17.3	31.6	57.0	109.0	215.9	328.9	278.0	169.0	118.1	117.1
87.5°	2.0	2.0	2.0	3.1	3.1	3.1	15.3	24.4	13.2	10.2	6.1
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)