Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: LUMARK

Report Number: P1460241

Luminaire Tested: PRV-P-PB1A-727-U-5WQ

Issue Date: 06/09/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1460241
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/9/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-P-PB1A-727-U-5WQ
Description:	PREVAIL PETITE DISCRETE LED 1 SQUARE AT 950MA 70CRI 2700K FIXTURE w/ TYPE V SQUARE WIDE DISTRIBUTION OPTIC
Light Source:	(10) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4281.4 lumens
Efficiency:	N/A
Efficacy:	130.1 lumens/watt
Luminous Opening:	Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B3 - U0 - G1
Input Watts (W):	32.9
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	10.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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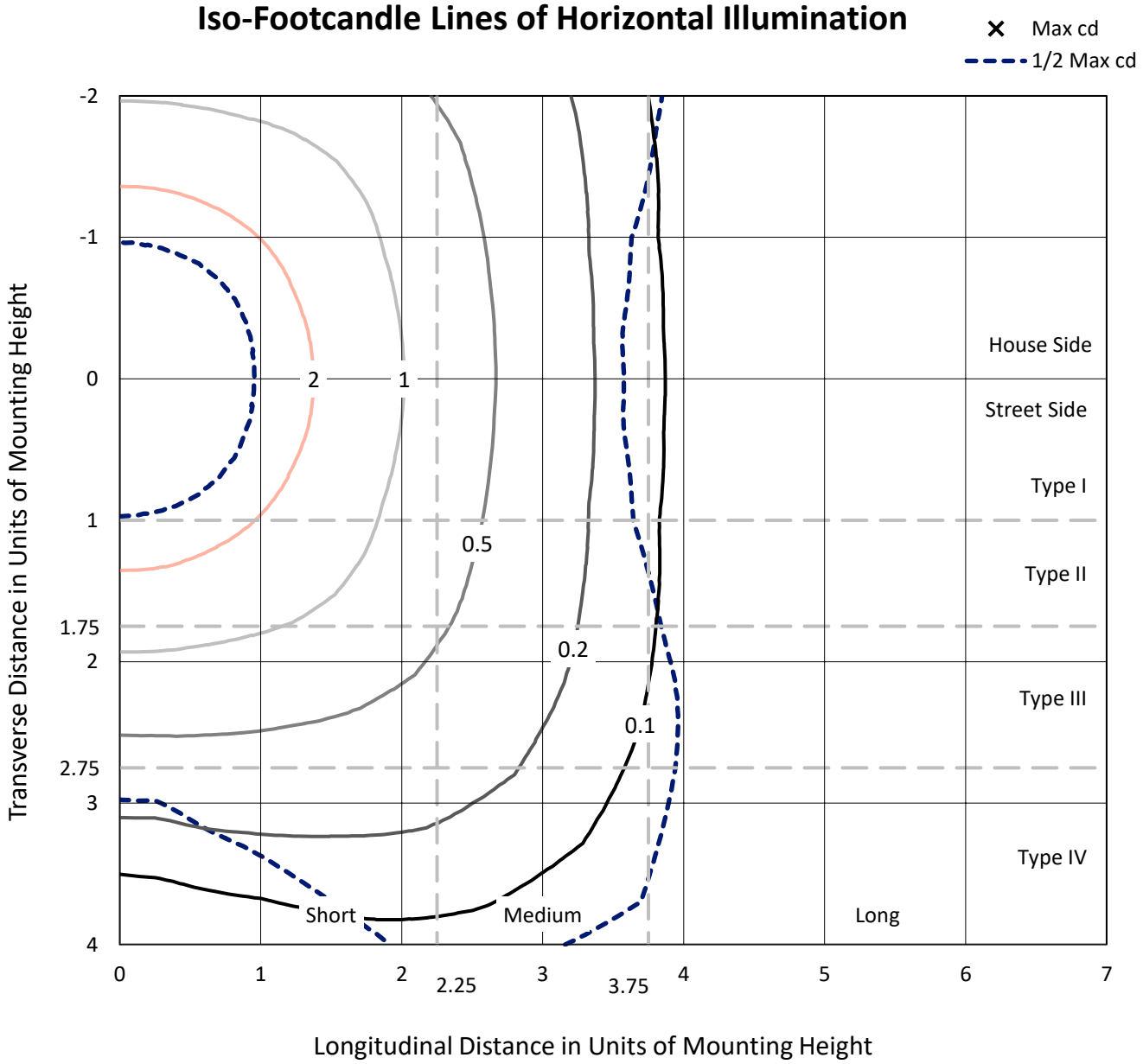
Scaled Data Report

REPORT NUMBER: P1460241
CATALOG NUMBER: PRV-P-PB1A-727-U-5WQ

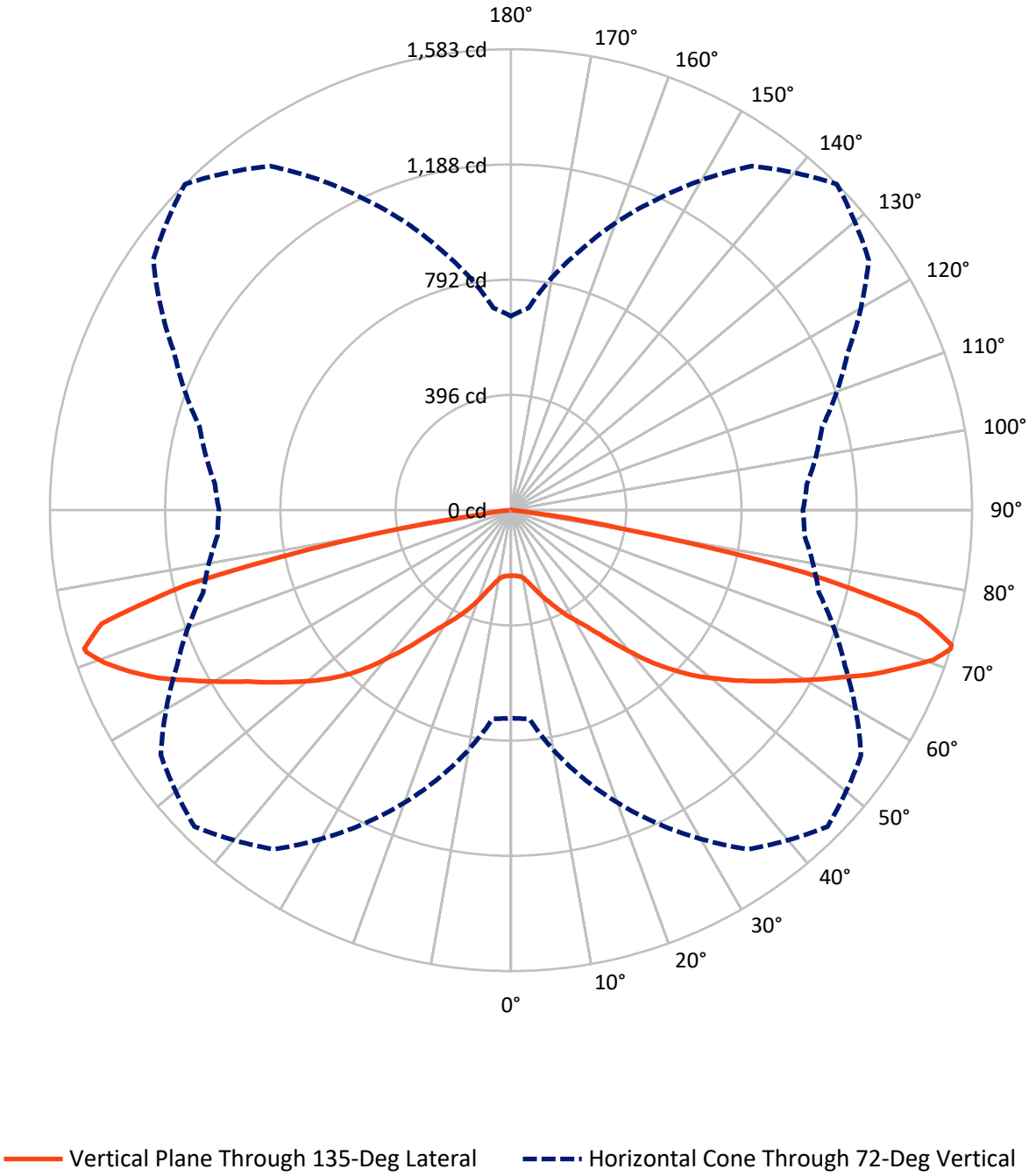
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 3 fc
Type V - Short - N/A

REPORT NUMBER: P1460241
CATALOG NUMBER: PRV-P-PB1A-727-U-5WQ

Luminous Intensity Polar Plot



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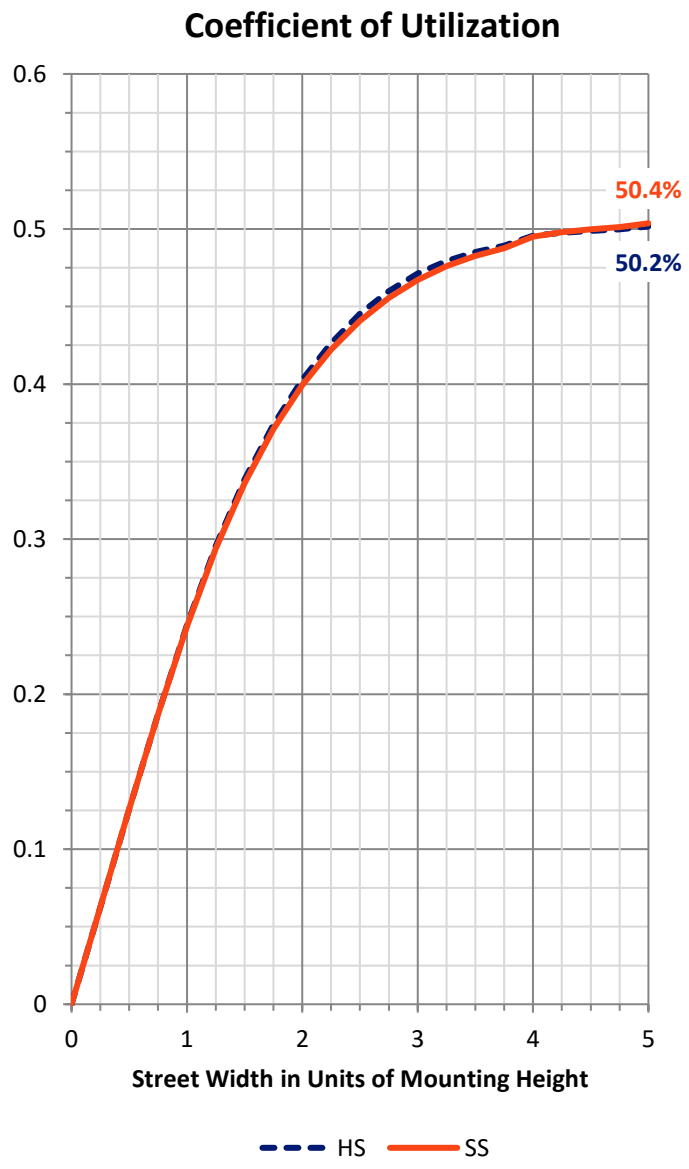
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2131.8	0.0	2131.8
	% Fixture	49.8	0.0	49.8
Street Side	Lumens	2149.7	0.0	2149.7
	% Fixture	50.2	0.0	50.2
Total	Lumens	4281.4	0.0	4281.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.0	0.5
10°-20°	78.5	1.8
20°-30°	173.2	4.0
30°-40°	339.2	7.9
40°-50°	615.6	14.4
50°-60°	904.5	21.1
60°-70°	1193.1	27.9
70°-80°	905.4	21.1
80°-90°	50.0	1.2
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°	4281.4	100.0
0°-180°	4281.4	100.0



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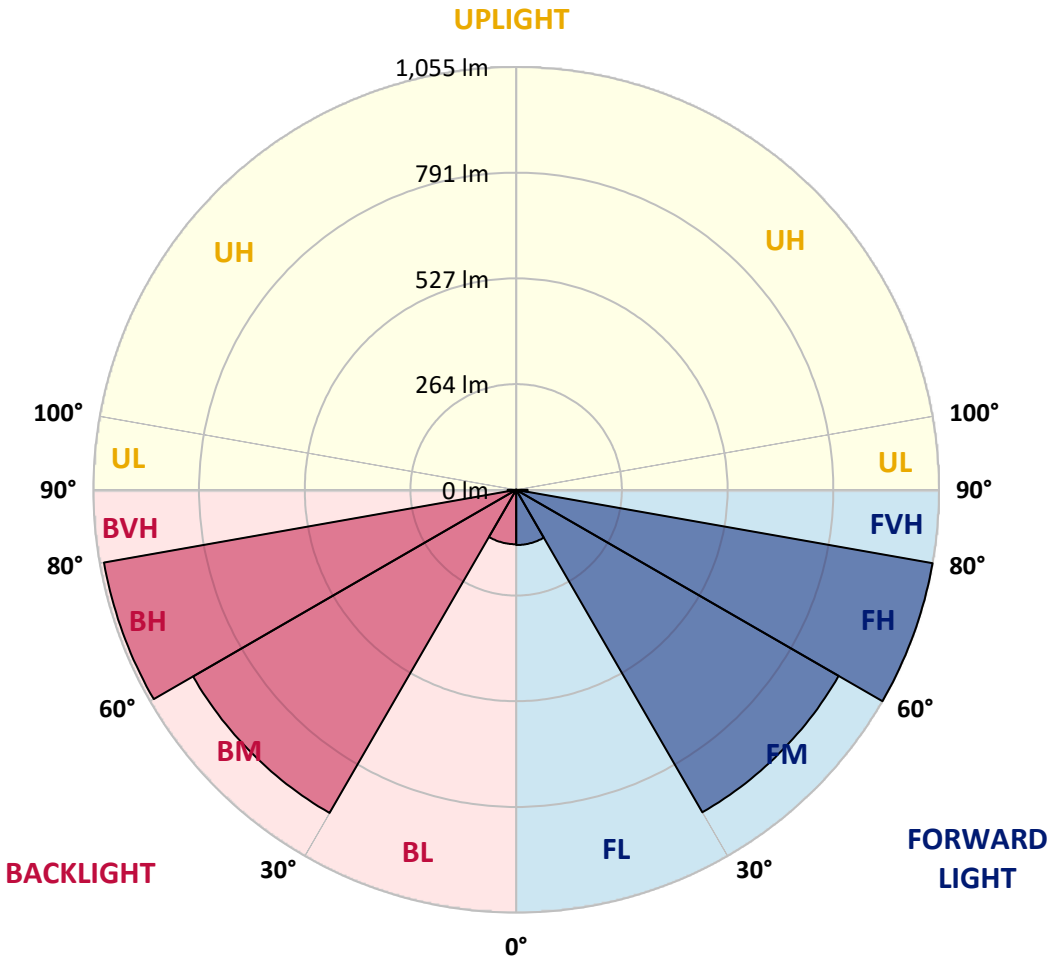
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	137.8	3.2			
FM	(30°-60°)	928.7	21.7			
FH	(60°-80°)	1054.6	24.6			G1/1800
FVH	(80°-90°)	28.6	0.7			G1/100
BL	(0°-30°)	135.9	3.2	B1/500		
BM	(30°-60°)	930.6	21.7	B1/1000		
BH	(60°-80°)	1043.9	24.4	B3/2500		G1/1800
BVH	(80°-90°)	21.4	0.5			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



REPORT NUMBER: P1460241
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	224.9	224.9	224.9	224.9	224.9	224.9	224.9	224.9	224.9	224.9	224.9
2.5°	225.6	226.2	226.2	226.2	226.2	225.6	225.6	225.6	224.9	224.9	225.6
5°	227.5	227.5	228.1	228.1	227.5	227.5	226.9	226.2	225.6	224.9	225.6
7.5°	232.0	230.7	231.4	231.4	230.7	230.1	229.4	228.1	228.1	228.1	228.1
10°	240.5	240.5	240.5	239.8	239.8	238.5	237.2	235.9	237.2	237.2	237.9
12.5°	256.0	256.0	256.0	255.4	253.4	252.8	251.5	249.5	250.2	250.8	250.2
15°	276.1	276.1	276.1	274.2	274.8	272.2	269.6	267.7	268.3	268.3	267.7
17.5°	300.7	300.1	299.4	297.5	297.5	294.9	291.7	288.4	287.1	286.5	286.5
20°	323.4	322.1	324.1	324.1	326.0	324.1	318.2	311.8	308.5	306.6	306.6
22.5°	342.9	345.5	346.1	350.0	354.5	354.5	345.5	337.7	330.6	326.7	326.0
25°	371.4	372.7	374.0	375.9	384.3	385.0	374.0	364.3	358.4	358.4	358.4
27.5°	399.9	399.9	403.1	407.0	414.8	416.1	405.7	394.7	392.8	391.5	390.8
30°	429.7	429.7	436.2	442.7	446.6	447.9	439.4	431.0	429.1	427.1	427.8
32.5°	467.3	470.6	479.0	485.5	486.1	484.2	484.2	477.0	471.2	475.1	473.8
35°	525.0	526.3	530.2	534.1	536.0	534.1	532.1	529.5	528.2	530.2	528.2
37.5°	591.1	592.4	595.0	591.1	591.8	592.4	595.6	598.2	598.9	598.9	598.2
40°	654.6	658.5	658.5	655.9	655.3	652.7	658.5	665.6	672.8	674.1	672.1
42.5°	729.2	727.2	730.5	725.3	720.1	722.7	726.6	735.0	742.1	747.3	748.0
45°	798.5	799.8	800.5	788.8	784.9	788.1	790.1	797.2	808.9	816.7	812.8
47.5°	856.2	856.8	857.5	851.0	848.4	847.1	849.1	851.7	861.4	866.6	868.5
50°	898.3	900.9	904.8	902.2	901.6	902.9	903.5	906.1	912.6	915.8	916.5
52.5°	939.8	942.4	950.2	946.9	954.1	958.0	958.0	954.7	958.0	959.9	959.3
55°	976.1	978.7	993.6	996.8	1009.2	1017.6	1015.0	1001.4	1005.3	1000.7	1002.0
57.5°	1010.5	1014.3	1031.8	1043.5	1072.7	1081.1	1074.6	1053.9	1045.5	1044.2	1042.9
60°	1024.1	1028.6	1055.2	1098.0	1140.1	1160.2	1141.4	1101.8	1084.3	1079.8	1081.1
62.5°	1026.7	1032.5	1067.5	1132.3	1214.6	1245.1	1219.2	1158.2	1127.8	1120.6	1118.0
65°	1026.0	1030.5	1072.7	1164.1	1284.0	1339.1	1309.2	1224.3	1177.0	1167.3	1170.5
67.5°	1027.3	1033.8	1083.7	1187.4	1346.8	1420.1	1379.9	1284.6	1222.4	1202.3	1203.6
70°	926.8	960.5	1084.3	1216.6	1396.7	1493.3	1444.7	1312.5	1199.1	1139.4	1141.4
72°	*714.3*	*718.8*	*951.5*	*1186.8*	*1422.0*	*1537.4*	*1468.0*	*1265.8*	*1094.7*	*1011.8*	*1002.7*
72.5°	637.1	667.6	913.2	1173.1	1422.0	1540.6	1458.3	1240.5	1055.8	981.9	973.5
75°	391.5	423.9	631.9	961.2	1324.8	1459.0	1285.3	1016.3	790.7	708.4	709.7
77.5°	160.7	175.0	347.4	736.9	1031.2	1146.6	940.5	672.8	445.3	370.7	361.7
80°	36.9	39.5	58.3	245.0	523.1	591.1	395.4	224.3	149.7	102.4	96.6
82.5°	19.4	20.7	26.6	48.0	71.9	99.2	87.5	63.5	69.4	58.3	56.4
85°	6.5	6.5	8.4	13.0	17.5	22.0	25.3	31.1	29.8	22.7	21.4
87.5°	0.6	0.6	1.3	1.9	1.9	1.9	1.9	1.3	1.3	1.3	0.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1460241
CATALOG NUMBER: PRV-P-PB1A-727-U-5WQ

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	224.9	224.9	224.9	224.9	*224.9*	224.9	224.9	224.9	224.9	224.9
2.5°	225.6	224.9	224.9	225.6	*225.6*	225.6	225.6	225.6	225.6	225.6
5°	225.6	225.6	224.9	225.6	*226.9*	226.9	226.9	226.9	226.2	226.2
7.5°	228.1	227.5	227.5	228.8	*230.1*	230.1	230.1	230.1	230.1	229.4
10°	237.2	236.6	235.9	237.9	*237.2*	237.2	238.5	238.5	237.9	238.5
12.5°	250.2	249.5	249.5	250.2	*251.5*	250.8	252.1	252.8	253.4	253.4
15°	267.7	265.7	265.7	267.7	*270.3*	270.9	269.6	271.6	271.6	271.6
17.5°	287.1	287.1	286.5	288.4	*293.6*	293.0	291.0	292.3	293.0	294.3
20°	306.6	307.9	309.8	315.6	*320.2*	317.6	316.3	316.3	313.7	314.3
22.5°	328.0	330.6	334.4	341.6	*346.1*	345.5	340.9	336.4	333.8	333.1
25°	357.8	357.1	360.4	369.4	*376.6*	374.0	367.5	362.3	360.4	359.7
27.5°	390.8	390.8	392.1	400.6	*409.6*	403.8	397.3	392.8	388.2	388.2
30°	427.8	424.5	429.7	435.6	*439.4*	435.6	431.7	423.2	418.1	416.1
32.5°	472.5	472.5	469.9	473.1	*475.7*	477.0	472.5	464.7	460.2	458.2
35°	529.5	527.6	524.3	524.3	*523.1*	526.3	525.6	524.3	519.2	519.2
37.5°	599.5	596.3	589.8	586.6	*582.7*	582.7	589.2	593.1	591.1	589.8
40°	668.9	669.5	658.5	650.1	*647.5*	649.4	656.6	666.9	663.1	657.9
42.5°	748.0	739.5	725.3	716.8	*718.8*	719.4	727.2	738.2	737.6	730.5
45°	813.4	802.4	792.0	784.9	*783.6*	790.7	797.9	806.9	807.6	807.6
47.5°	863.3	860.1	847.8	847.8	*849.1*	851.7	858.8	861.4	858.1	854.9
50°	913.9	908.7	902.2	906.1	*908.7*	911.9	910.0	908.0	900.3	895.7
52.5°	958.0	955.4	954.1	967.0	*972.2*	965.1	958.6	950.8	941.8	939.2
55°	999.4	1002.7	1007.2	1030.5	*1036.4*	1026.0	1008.5	998.8	989.1	985.8
57.5°	1040.9	1046.1	1060.4	1097.3	*1105.1*	1085.6	1059.7	1040.3	1026.0	1025.4
60°	1075.9	1085.6	1112.2	1167.3	*1183.5*	1153.7	1109.6	1072.7	1053.2	1051.3
62.5°	1120.0	1131.0	1171.2	1241.8	*1265.2*	1231.5	1155.6	1097.3	1067.5	1064.9
65°	1168.0	1184.8	1237.3	1330.0	*1359.8*	1304.1	1193.2	1120.6	1084.3	1083.0
67.5°	1206.8	1234.1	1304.1	1411.7	*1446.7*	1383.8	1234.7	1149.8	1104.4	1098.0
70°	1145.3	1206.8	1335.2	1486.8	*1540.0*	1437.6	1245.7	1090.2	947.6	921.7
72°	*1020.2*	*1107.0*	*1275.5*	*1499.8*	*1583.4*	*1442.8*	*1175.1*	*924.3*	*697.4*	*666.3*
72.5°	970.9	1069.4	1250.3	1486.2	*1582.1*	1431.7	1142.0	869.2	631.3	613.8
75°	707.8	784.3	1023.4	1299.5	*1448.6*	1270.4	878.2	514.6	301.4	274.2
77.5°	358.4	436.8	637.1	887.3	*1033.1*	829.6	495.8	202.2	63.5	51.2
80°	100.5	133.5	197.7	337.0	*390.8*	318.2	165.9	33.7	13.0	8.4
82.5°	59.6	71.3	60.9	54.4	*75.8*	55.1	29.2	13.6	2.6	0.6
85°	23.3	35.0	31.8	19.4	*14.3*	9.1	5.2	2.6	0.6	0.0
87.5°	1.3	1.3	1.9	1.9	*1.3*	1.3	1.3	0.6	0.0	0.0
90°	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0	0.0	0.0

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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP2-2501-321-3

Test Date: 04/09/2025

Luminaire Tested: GKO-PB1E-727-U-T4W

Data in this report applies to families of products including GKO-PB1E-727-U-T4W

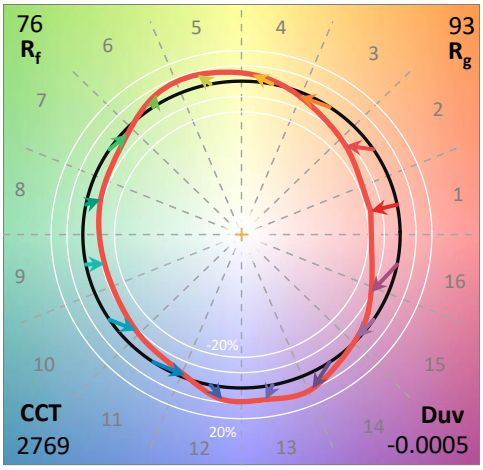
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

Test Information

Test Method:	LM-79-2019
Report Number:	SP2-2501-321-3
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP2 - 165CM SPHERE
Measurement Geometry:	4π
Issue Date:	04/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GKO-PB1E-727-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	2769	CRI (Ra):		71.7			
CIE u':	0.2596	R1:		68.0	R9:		-34.5
CIE v':	0.5253	R2:		84.0	R10:		64.3
Duv:	-0.0005	R3:		94.6	R11:		60.9
CIE x:	0.4535	R4:		65.9	R12:		54.4
CIE y:	0.4078	R5:		67.3	R13:		71.2
CIE z:	0.1387	R6:		78.7	R14:		97.6
Peak Wavelength (nm):	597	R7:		75.2	R15:		59.5
Dominant Wavelength (nm):	584	R8:		39.8			
Purity:	58.54014						
Rf:	75.7						
Rg:	93.2						



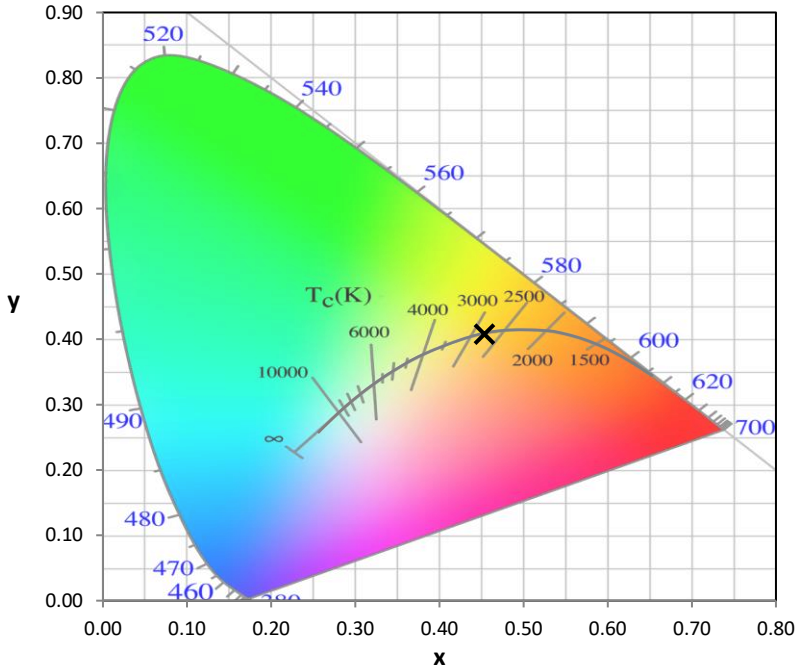
Test Conditions

Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.0

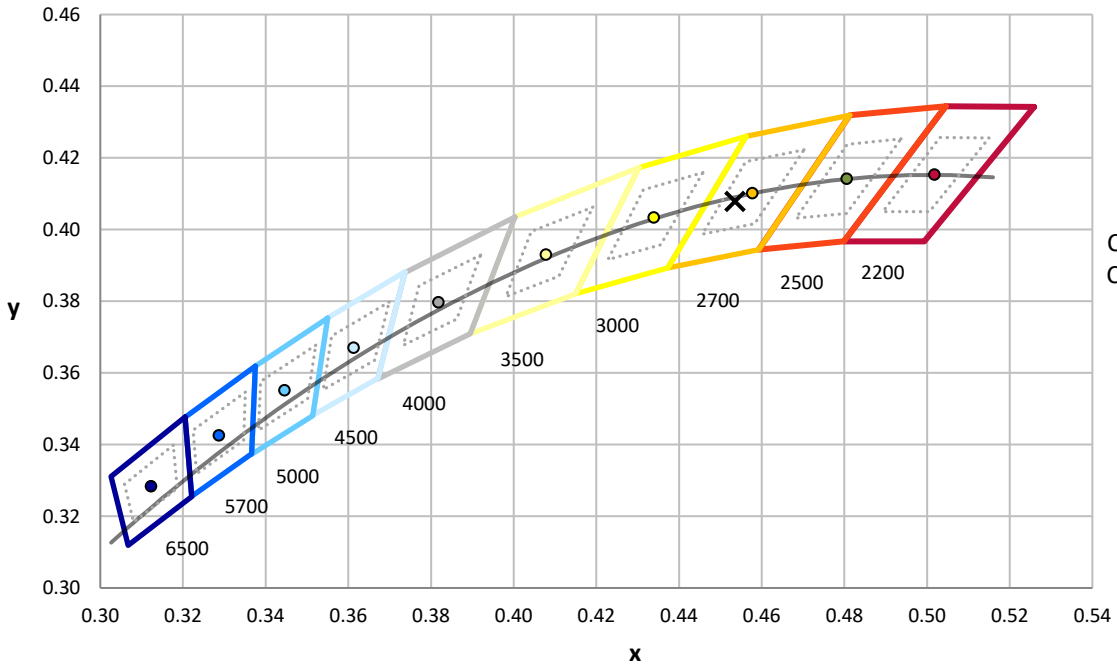
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B	10/22/2024	10/22/2025
Room Thermometer	IN0046	10/22/2024	10/22/2025

REPORT NUMBER: SP2-2501-321-3

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

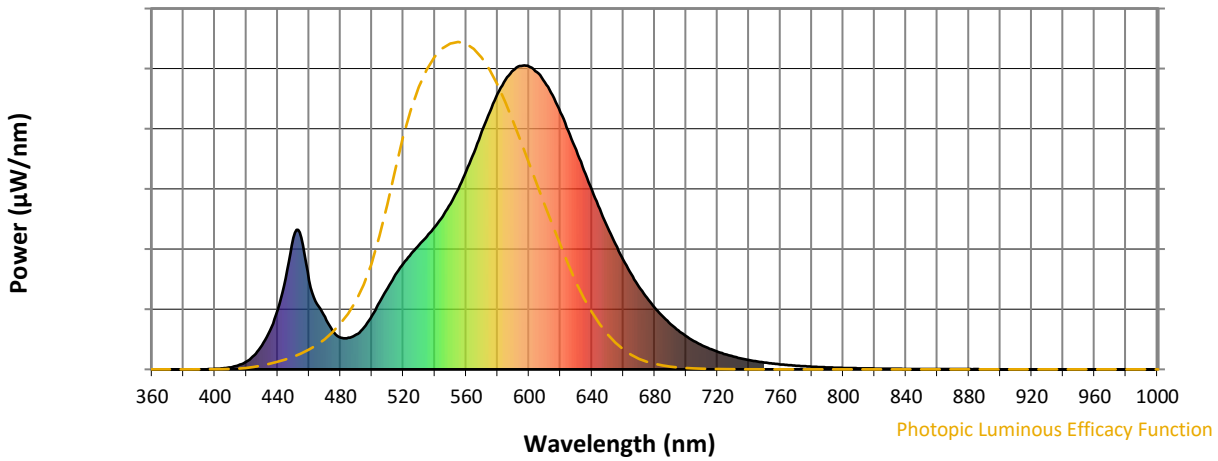


CCT = 2769K
CIE x = 0.4535
CIE y = 0.4078
Duv = -0.0005

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-3

Photopic Flux vs. Wavelength

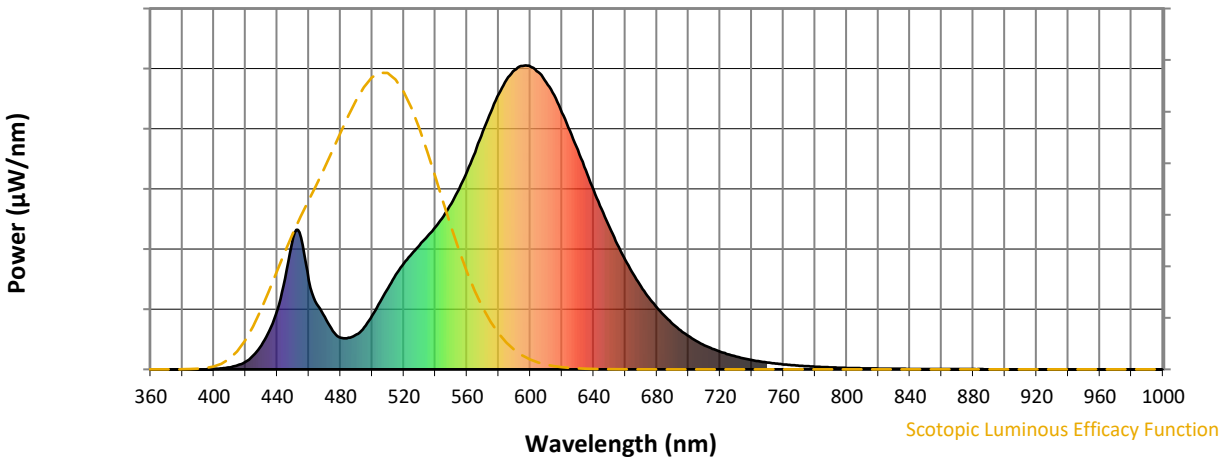


Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	114	NR	620	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

REPORT NUMBER: SP2-2501-321-3

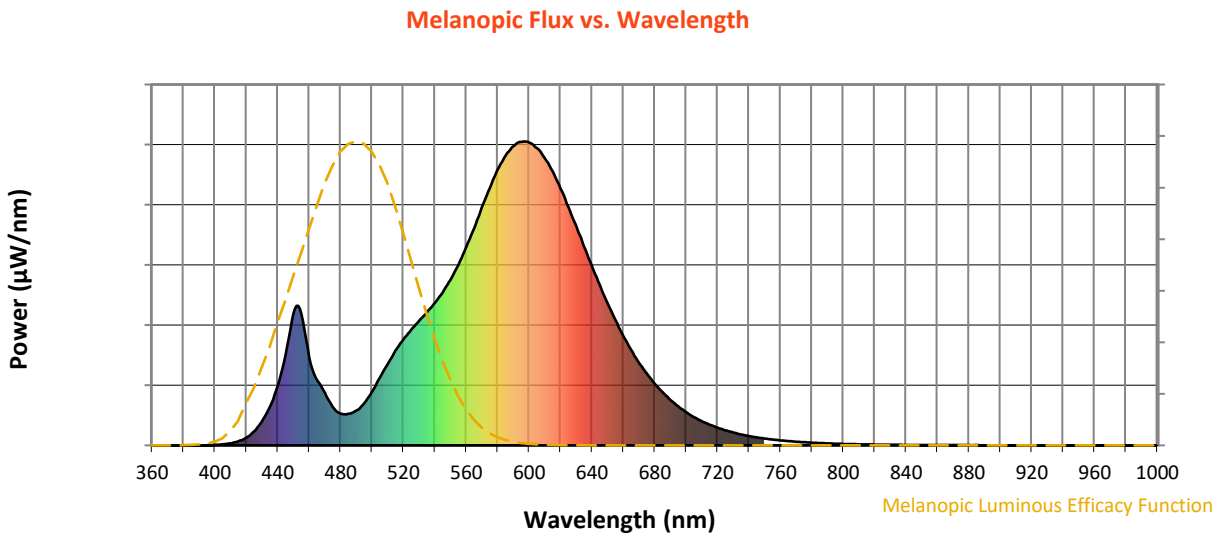
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.14**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	114	NR	620	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

REPORT NUMBER: SP2-2501-321-3



Melanopic Lumens: NR **M/P: 2.08**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	114	NR	620	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

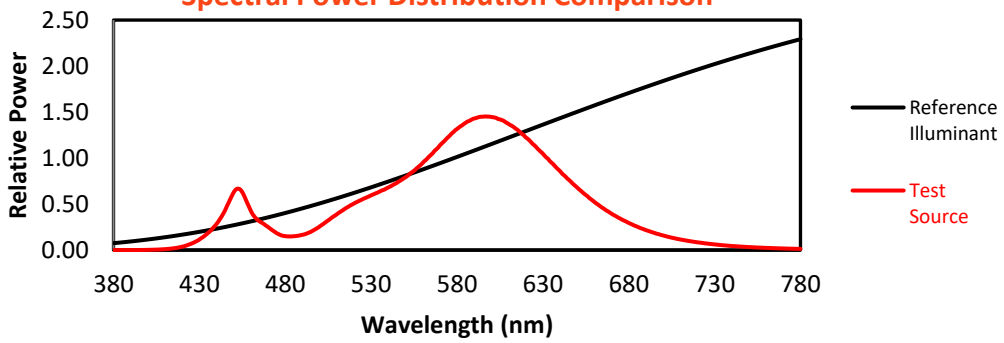
REPORT NUMBER: SP2-2501-321-3

TM-30-18

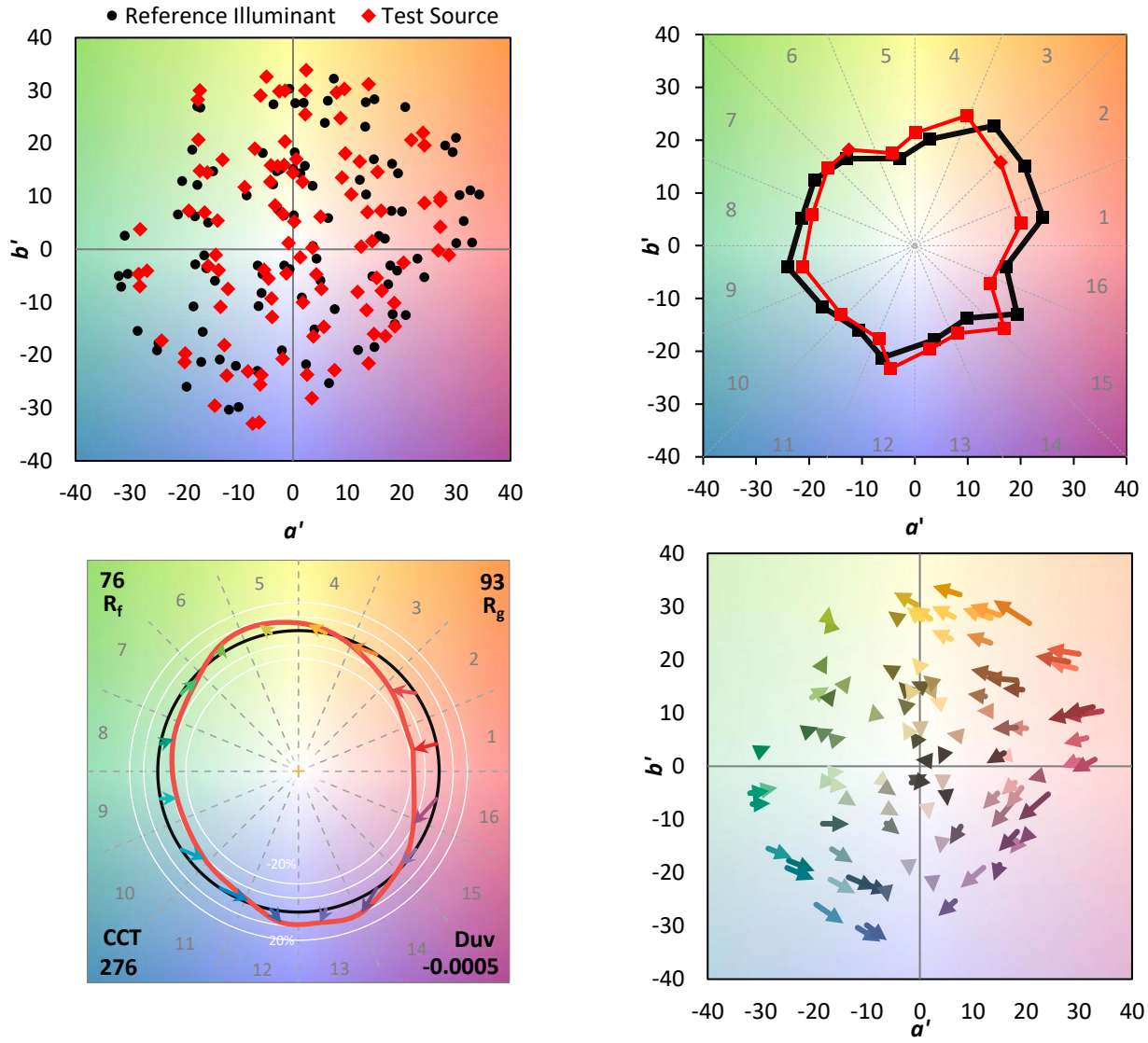
Summary

R_f = 75.7
R_g = 93.2
CIE R_a = 71.7
R_9 = -34.5

Spectral Power Distribution Comparison

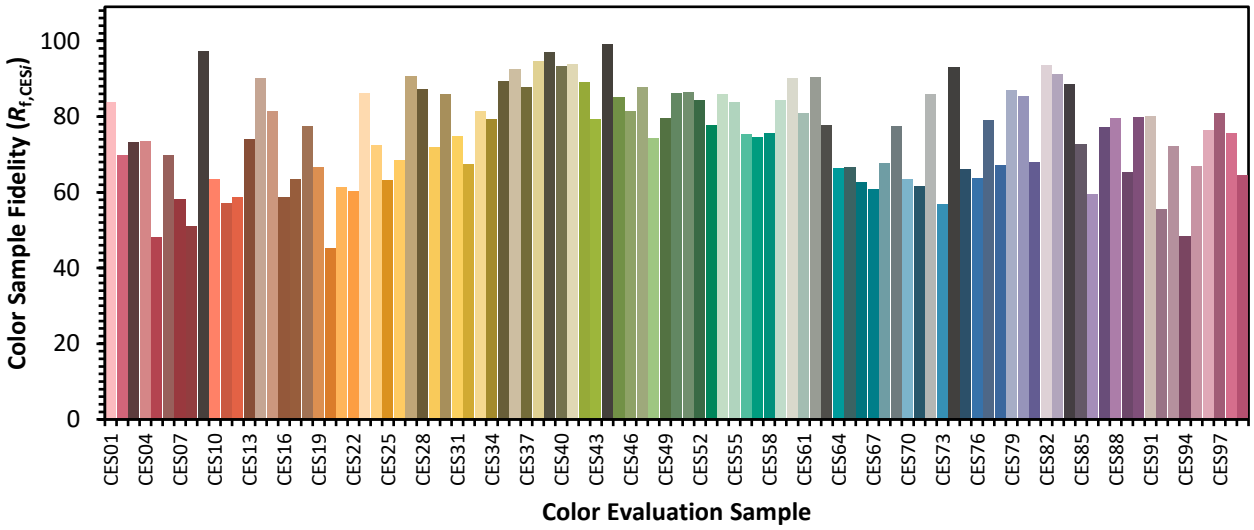


Color Vector Graphics

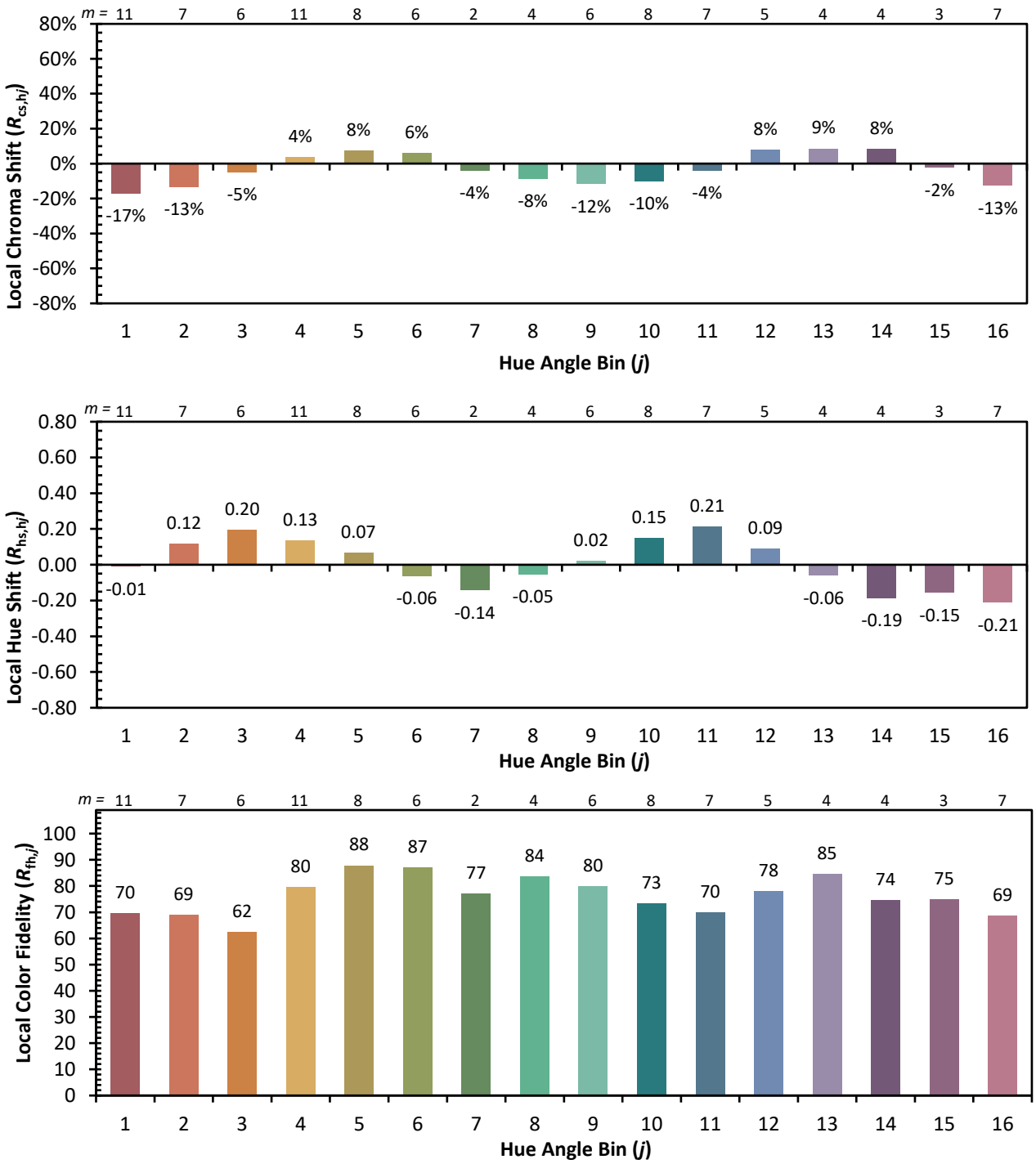


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 68	CES51 = 87	CES76 = 64
CES02 = 63	CES27 = 91	CES52 = 84	CES77 = 79
CES03 = 31	CES28 = 87	CES53 = 78	CES78 = 67
CES04 = 71	CES29 = 72	CES54 = 86	CES79 = 87
CES05 = 50	CES30 = 86	CES55 = 84	CES80 = 85
CES06 = 52	CES31 = 75	CES56 = 75	CES81 = 68
CES07 = 42	CES32 = 67	CES57 = 74	CES82 = 94
CES08 = 41	CES33 = 81	CES58 = 76	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 84	CES84 = 89
CES10 = 77	CES35 = 89	CES60 = 90	CES85 = 73
CES11 = 60	CES36 = 92	CES61 = 81	CES86 = 59
CES12 = 66	CES37 = 88	CES62 = 90	CES87 = 77
CES13 = 43	CES38 = 95	CES63 = 78	CES88 = 79
CES14 = 74	CES39 = 97	CES64 = 66	CES89 = 65
CES15 = 72	CES40 = 93	CES65 = 67	CES90 = 80
CES16 = 48	CES41 = 94	CES66 = 63	CES91 = 80
CES17 = 50	CES42 = 89	CES67 = 61	CES92 = 55
CES18 = 57	CES43 = 79	CES68 = 68	CES93 = 72
CES19 = 73	CES44 = 99	CES69 = 77	CES94 = 48
CES20 = 67	CES45 = 85	CES70 = 63	CES95 = 67
CES21 = 87	CES46 = 81	CES71 = 62	CES96 = 76
CES22 = 80	CES47 = 88	CES72 = 86	CES97 = 81
CES23 = 92	CES48 = 74	CES73 = 57	CES98 = 76
CES24 = 91	CES49 = 80	CES74 = 93	CES99 = 64
CES25 = 73	CES50 = 86	CES75 = 66	

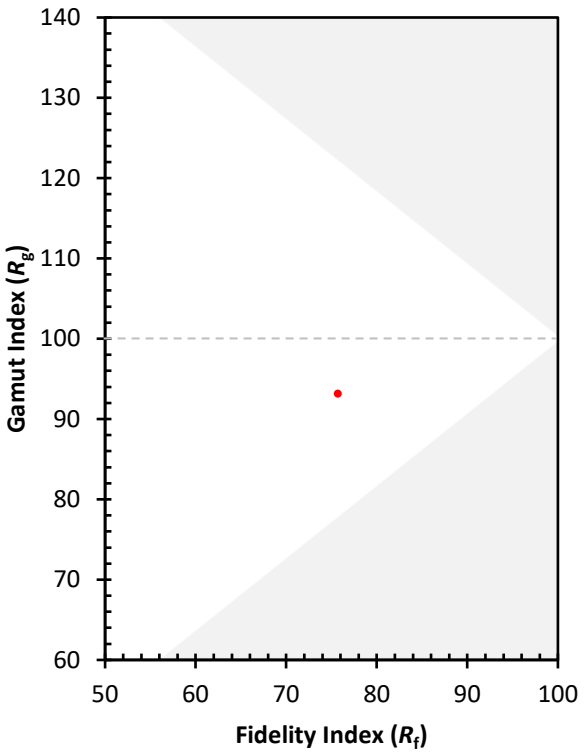


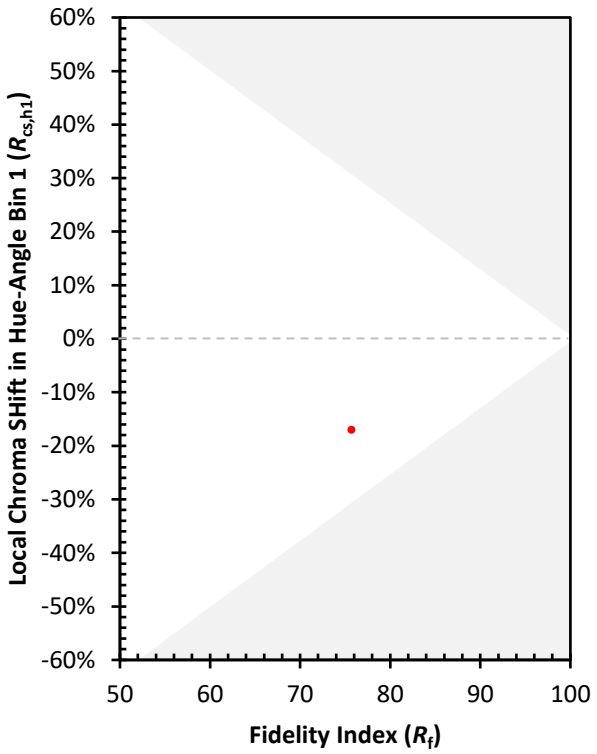
Color Rendition by Hue-Angle Bin



TM-30-18

Measure Comparisons





(END OF REPORT)