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: P1461024

Luminaire Tested: PRV-PC1D-727-U-T4RE-HSS

Issue Date: 06/10/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1461024
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/10/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-PC1D-727-U-T4RE-HSS
Description:	PREVAIL DISCRETE LED 1 SQUARE AT 1170MA 70CRI 2700K FIXTURE w/ TYPE IV ROADWAY ILLUMINANCE DISTRIBUTION OPTIC AND HOUSE SIDE SHIELD
Light Source:	(40) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13209.9 lumens
Efficiency:	N/A
Efficacy:	86.9 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G3
Input Watts (W):	152
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	2.75%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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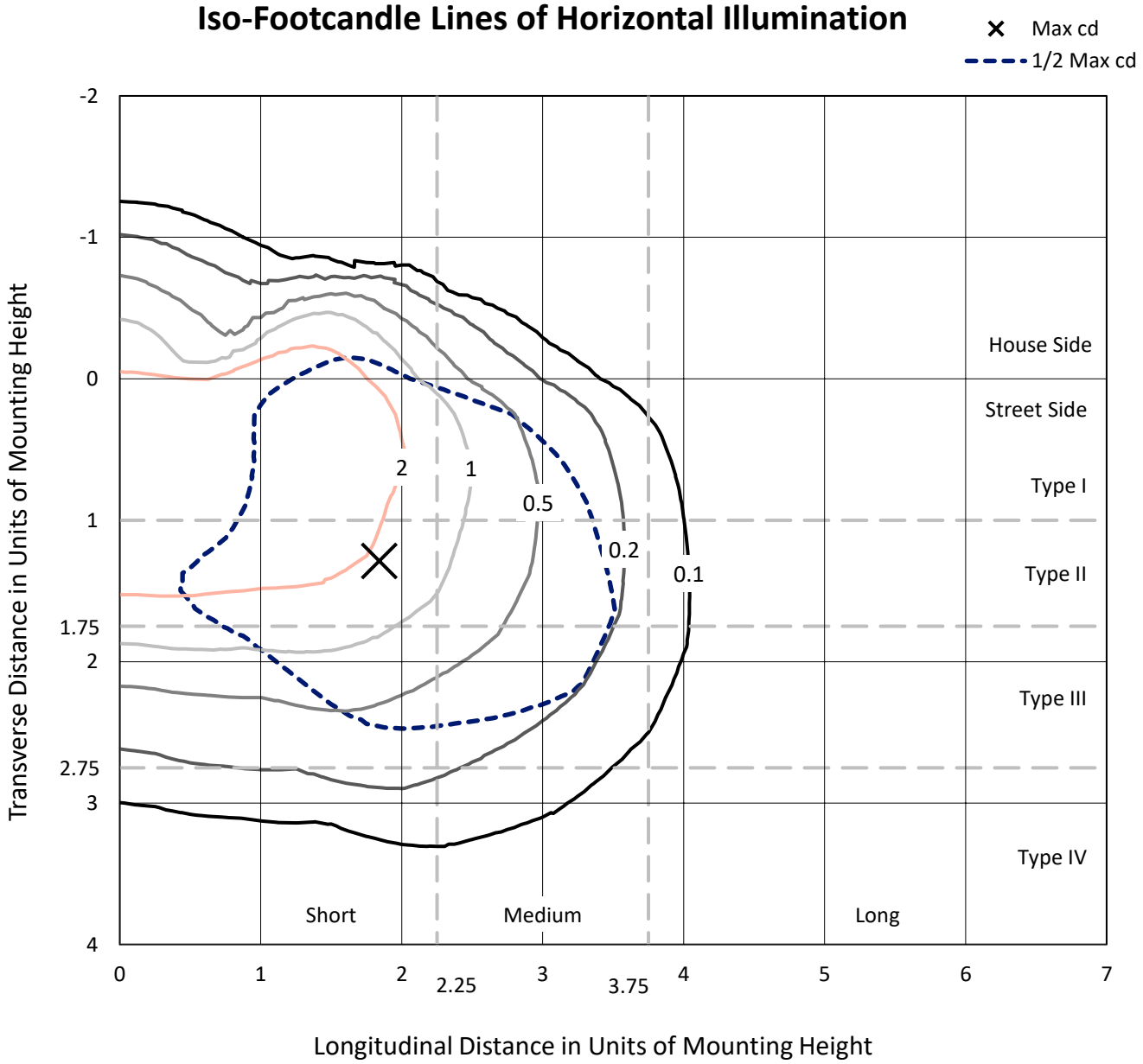
Scaled Data Report

REPORT NUMBER: P1461024
CATALOG NUMBER: PRV-PC1D-727-U-T4RE-HSS

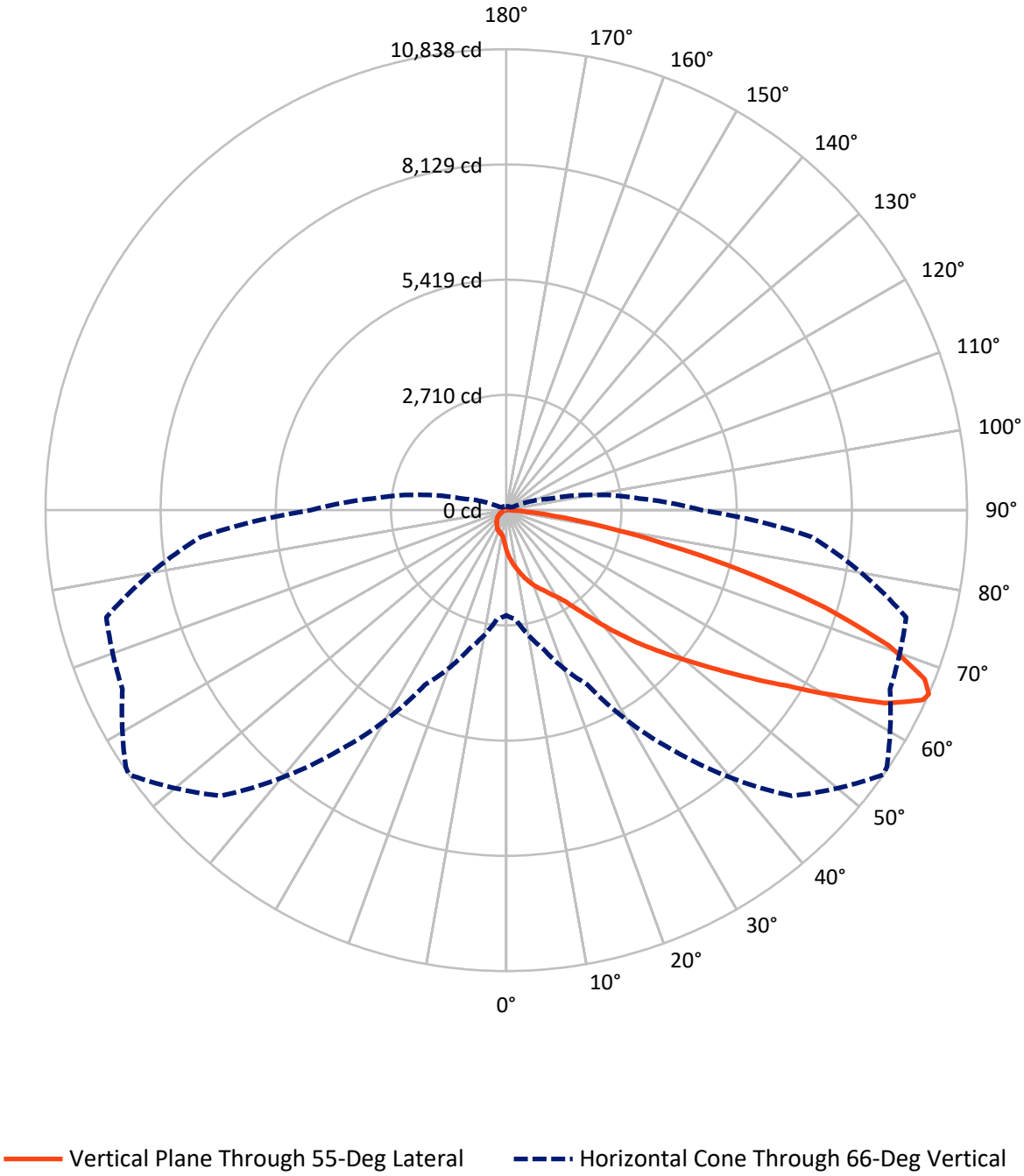
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 4.8 fc
Type III - Short - N/A

REPORT NUMBER: P1461024
CATALOG NUMBER: PRV-PC1D-727-U-T4RE-HSS

Luminous Intensity Polar Plot



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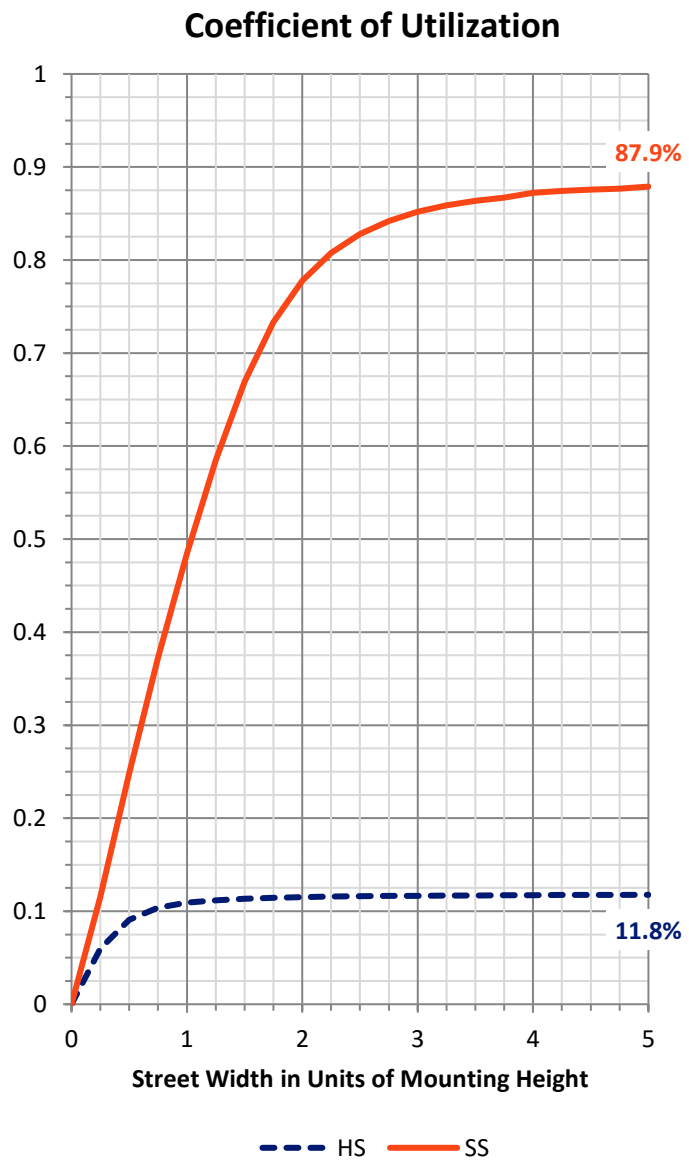
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1568.5	0.0	1568.5
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	11641.4	0.0	11641.4
	% Fixture	88.1	0.0	88.1
Total	Lumens	13209.9	0.0	13209.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.1	0.7
10°-20°	316.8	2.4
20°-30°	587.1	4.4
30°-40°	1020.8	7.7
40°-50°	1974.2	14.9
50°-60°	3378.0	25.6
60°-70°	3832.0	29.0
70°-80°	1829.6	13.9
80°-90°	177.4	1.3
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°	13209.9	100.0
0°-180°	13209.9	100.0



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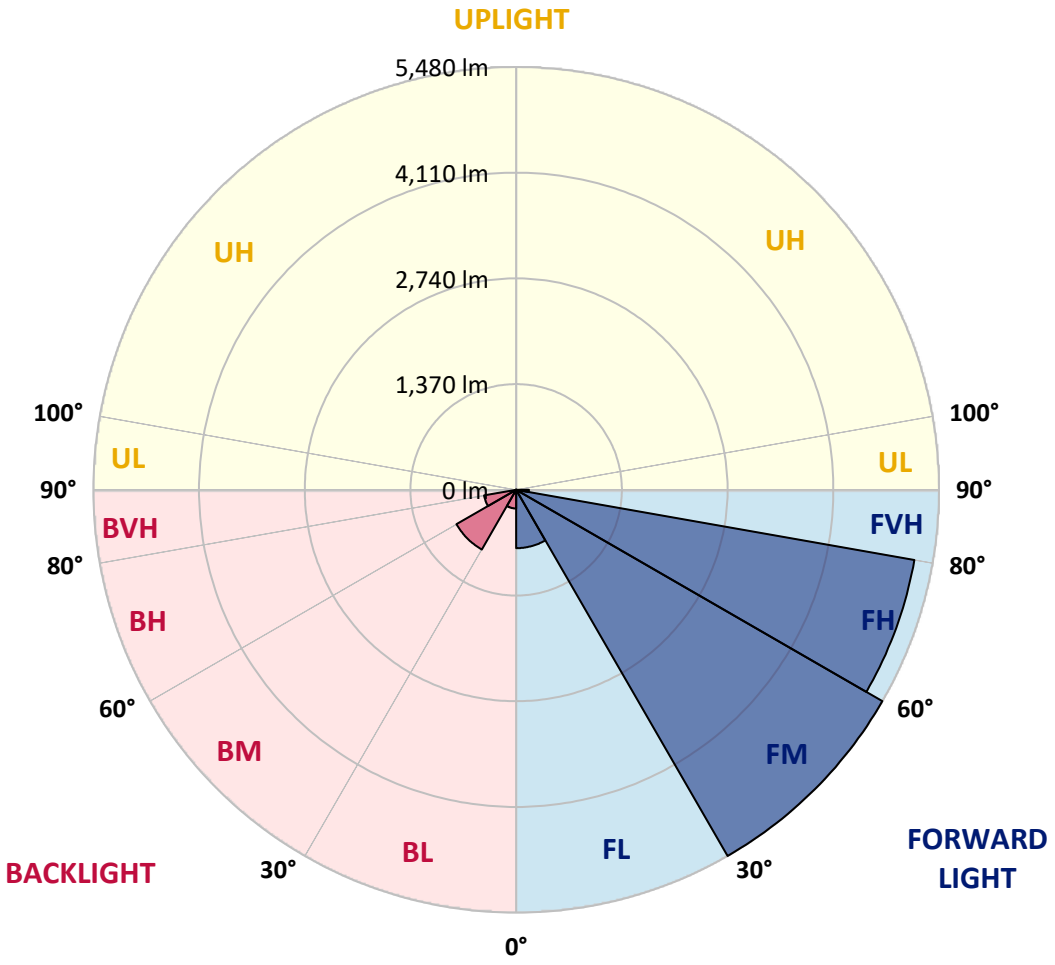
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	756.2	5.7			
FM	(30°-60°)	5479.5	41.5			
FH	(60°-80°)	5239.8	39.7			G3/7500
FVH	(80°-90°)	166.0	1.3			G2/225
BL	(0°-30°)	241.8	1.8	B1/500		
BM	(30°-60°)	893.5	6.8	B1/1000		
BH	(60°-80°)	421.8	3.2	B1/500		G1/500
BVH	(80°-90°)	11.4	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	65°	75°	85°
0°	944.5	944.5	944.5	944.5	944.5	944.5	*944.5*	944.5	944.5	944.5	944.5
2.5°	1143.0	1155.9	1145.8	1135.6	1122.8	1096.1	*1074.1*	1068.6	1041.9	1006.1	966.6
5°	1330.4	1333.2	1322.2	1297.4	1276.2	1229.4	*1187.1*	1183.4	1130.1	1061.2	987.7
7.5°	1494.9	1495.8	1477.4	1455.4	1415.0	1365.4	*1302.0*	1290.0	1214.7	1120.9	1009.8
10°	1648.3	1646.5	1633.6	1607.9	1561.1	1491.2	*1413.1*	1404.9	1305.6	1183.4	1039.2
12.5°	1760.4	1756.8	1752.2	1725.5	1687.9	1624.5	*1533.5*	1519.7	1407.6	1249.6	1068.6
15°	1837.6	1833.9	1833.0	1821.1	1793.5	1750.3	*1658.5*	1648.3	1517.9	1335.9	1105.3
17.5°	1888.2	1888.2	1890.0	1886.3	1873.5	1841.3	*1775.1*	1769.6	1641.0	1420.5	1150.3
20°	1945.1	1942.4	1948.8	1950.6	1943.3	1927.7	*1892.7*	1884.5	1765.0	1532.6	1201.8
22.5°	2019.5	2016.8	2019.5	2024.1	2024.1	2014.0	*1995.7*	1991.1	1909.3	1663.0	1267.0
25°	2110.5	2107.7	2110.5	2115.1	2116.0	2121.5	*2102.2*	2103.2	2046.2	1802.7	1347.0
27.5°	2224.4	2224.4	2221.7	2223.5	2232.7	2240.1	*2236.4*	2234.5	2182.2	1974.5	1439.8
30°	2357.7	2353.1	2357.7	2354.0	2360.4	2365.9	*2366.9*	2370.5	2342.0	2152.8	1571.2
32.5°	2494.6	2493.6	2513.9	2522.1	2524.9	2546.9	*2560.7*	2573.6	2563.5	2396.3	1757.7
35°	2675.6	2671.9	2692.1	2719.7	2744.5	2779.4	*2852.9*	2841.0	2898.8	2825.3	2067.3
37.5°	2900.7	2893.3	2920.0	2955.8	2999.0	3067.9	*3185.5*	3190.1	3341.7	3429.9	2632.4
40°	3221.3	3209.4	3214.0	3298.5	3349.1	3429.0	*3599.9*	3607.2	3889.3	4122.7	3309.6
42.5°	3539.3	3531.0	3552.1	3566.8	3624.7	3810.3	*4048.3*	4051.0	4472.8	4832.0	4078.6
45°	3897.6	3891.2	3889.3	3893.0	3907.7	4148.4	*4531.6*	4565.6	5045.2	5551.4	4879.8
47.5°	4285.3	4258.7	4269.7	4261.4	4269.7	4526.1	*5028.6*	5038.8	5650.7	6226.8	5650.7
50°	4629.0	4628.0	4645.5	4663.0	4690.5	5013.0	*5583.6*	5657.1	6193.7	6894.7	6401.3
52.5°	4900.9	4900.0	5008.4	5080.1	5157.3	5581.8	*6218.5*	6270.9	6817.6	7594.0	7176.8
55°	4982.7	5007.5	5280.4	5542.3	5730.6	6274.6	*6960.0*	6981.1	7466.2	8379.5	7912.8
57.5°	4814.6	4864.2	5333.7	5840.0	6383.0	7178.7	*7792.4*	7767.6	8200.4	9270.8	8473.3
60°	4369.9	4435.1	5113.2	5903.4	6917.7	8200.4	*8820.6*	8808.6	9102.6	10038.9	8617.5
62.5°	3656.9	3754.3	4564.6	5571.7	7218.2	9101.7	*9990.2*	9939.7	9827.6	10328.3	8273.9
65°	2812.5	2891.5	3746.9	4858.7	7075.8	9553.8	*10764.8*	10737.2	10049.0	9976.4	7570.1
66°	*2473.4*	*2580.0*	*3384.0*	*4528.8*	*6921.4*	*9502.3*	*10838.3*	*10796.9*	*9961.7*	*9737.5*	*7214.5*
67.5°	2052.6	2166.6	2909.9	4003.3	6588.8	9133.9	*10613.2*	10627.9	9687.0	9235.0	6561.2
70°	1590.5	1691.5	2341.1	3260.9	5892.3	7856.7	*9543.7*	9626.4	8886.7	8017.5	5482.5
72.5°	1055.7	1145.8	1572.1	2369.6	4906.4	6180.8	*7853.1*	7994.6	7802.5	6426.2	4233.9
75°	567.8	612.8	858.2	1395.7	3517.2	4595.0	*5811.5*	5956.6	5861.1	4363.4	2652.6
77.5°	360.2	348.2	389.6	630.3	1994.7	3299.4	*3814.9*	3941.7	3598.1	2232.7	1200.9
80°	260.0	238.0	244.4	324.3	833.4	2106.8	*2239.1*	2186.8	1743.9	784.7	368.4
82.5°	181.9	171.8	167.2	194.8	308.7	1086.0	*1156.8*	1087.9	613.8	246.2	120.4
85°	118.5	110.3	107.5	117.6	134.1	473.2	*463.1*	442.9	224.2	110.3	68.0
87.5°	61.6	61.6	61.6	68.0	68.9	162.6	*139.7*	135.1	74.4	44.1	32.2
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: P1461024
CATALOG NUMBER: PRV-PC1D-727-U-T4RE-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	944.5	944.5	944.5	944.5	944.5	944.5	944.5	944.5	944.5	944.5	944.5
2.5°	947.3	927.1	892.2	851.7	815.9	791.1	765.4	747.0	737.8	734.1	733.2
5°	948.2	907.8	831.5	762.6	708.4	678.1	655.1	638.6	631.2	625.7	626.6
7.5°	951.0	890.3	777.3	690.9	634.0	608.3	597.2	594.5	595.4	596.3	594.5
10°	954.6	873.8	726.8	634.0	591.7	578.9	579.8	584.4	586.2	588.0	587.1
12.5°	963.8	857.2	683.6	592.6	568.7	566.9	568.7	573.3	576.1	577.9	578.9
15°	974.9	844.4	643.2	566.0	554.0	554.0	555.0	559.6	563.2	566.0	566.0
17.5°	989.6	830.6	606.4	546.7	541.2	539.3	539.3	543.9	546.7	550.4	549.4
20°	1009.8	817.7	574.3	531.1	524.6	522.8	522.8	525.6	530.2	532.9	531.1
22.5°	1039.2	809.5	547.6	516.4	508.1	504.4	503.5	506.3	509.9	514.5	515.5
25°	1076.8	804.0	524.6	497.1	487.9	484.2	482.4	484.2	488.8	494.3	494.3
27.5°	1126.5	808.6	503.5	477.8	464.9	458.5	456.6	459.4	466.8	474.1	474.1
30°	1197.2	827.8	486.1	455.7	438.3	428.2	423.6	427.2	438.3	450.2	452.1
32.5°	1301.0	868.3	475.9	438.3	415.3	397.8	385.9	391.4	405.2	421.7	423.6
35°	1507.8	958.3	469.5	422.7	391.4	368.4	352.8	351.0	370.3	389.6	396.0
37.5°	1923.1	1208.2	469.5	405.2	370.3	340.9	317.9	313.3	331.7	355.6	360.2
40°	2470.7	1608.8	545.8	389.6	350.1	314.2	284.8	278.4	290.3	316.1	321.6
42.5°	3090.0	2111.4	724.0	379.5	329.9	289.4	257.3	249.0	258.2	275.6	280.2
45°	3804.8	2692.1	1030.0	388.7	310.6	263.7	231.5	221.4	228.8	236.1	238.0
47.5°	4492.1	3291.2	1449.9	425.4	292.2	239.8	207.7	201.2	202.1	203.1	202.1
50°	5167.4	3904.9	1966.3	506.3	271.0	217.8	189.3	180.1	179.2	176.4	175.5
52.5°	5842.7	4539.8	2509.3	594.5	249.9	197.5	172.7	162.6	158.0	155.3	157.1
55°	6473.9	5161.0	3017.4	625.7	226.9	179.2	157.1	145.2	139.7	136.0	136.9
57.5°	6779.9	5513.8	3236.0	566.0	202.1	162.6	142.4	129.6	124.0	121.3	121.3
60°	6657.7	5351.1	2904.4	405.2	179.2	145.2	127.7	115.8	111.2	108.4	108.4
62.5°	5981.5	4589.5	2139.9	269.2	154.4	127.7	113.9	104.7	100.2	98.3	98.3
65°	5021.3	3581.5	1284.5	194.8	131.4	113.9	104.7	95.6	91.0	87.3	87.3
66°	*4587.6*	*3143.2*	*1018.0*	*177.3*	*123.1*	*108.4*	*101.1*	*92.8*	*86.4*	*82.7*	*82.7*
67.5°	3903.1	2543.3	657.9	155.3	111.2	102.0	95.6	87.3	80.9	75.3	75.3
70°	2964.1	1727.4	296.8	123.1	95.6	92.8	85.4	75.3	70.7	66.2	65.2
72.5°	2136.2	1109.0	149.8	96.5	80.9	81.8	70.7	65.2	58.8	54.2	54.2
75°	1358.0	600.0	94.6	74.4	68.9	69.8	58.8	53.3	48.7	45.0	45.9
77.5°	580.7	233.4	68.9	57.9	57.9	58.8	49.6	44.1	41.3	37.7	37.7
80°	182.8	100.2	49.6	44.1	46.9	48.7	41.3	38.6	34.0	26.6	27.6
82.5°	86.4	57.9	34.0	33.1	34.0	38.6	32.2	28.5	24.8	11.0	8.3
85°	56.0	29.4	18.4	17.5	19.3	23.0	22.1	15.6	11.0	3.7	3.7
87.5°	24.8	11.9	7.4	7.4	7.4	8.3	7.4	5.5	4.6	1.8	1.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

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

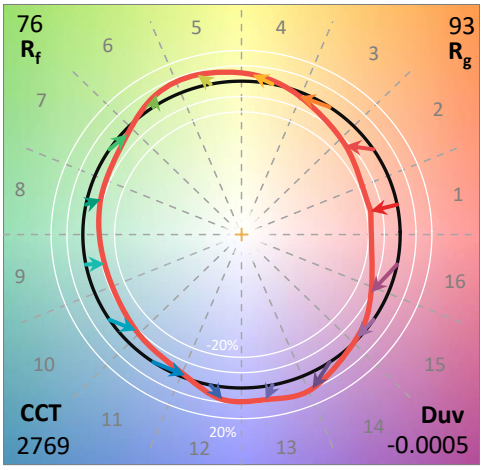
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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						



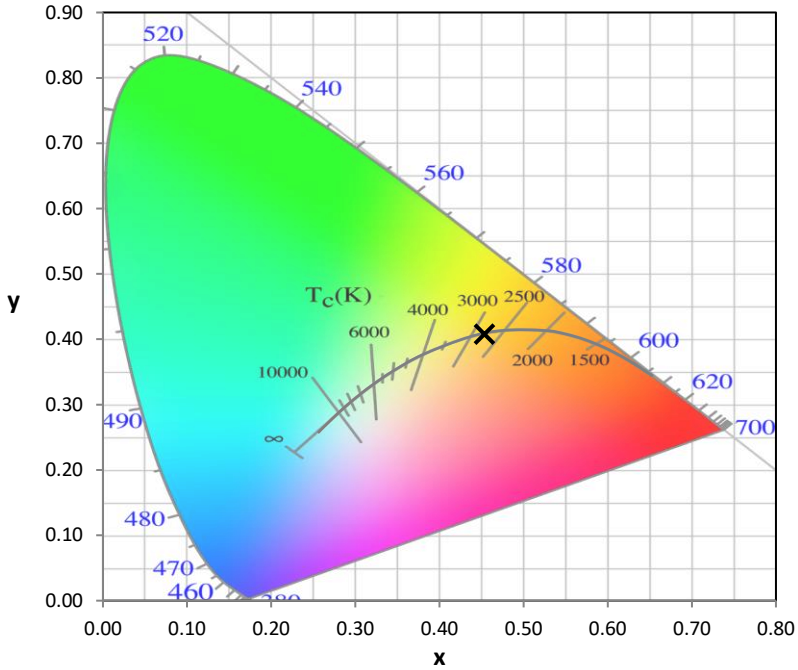
Test Conditions

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

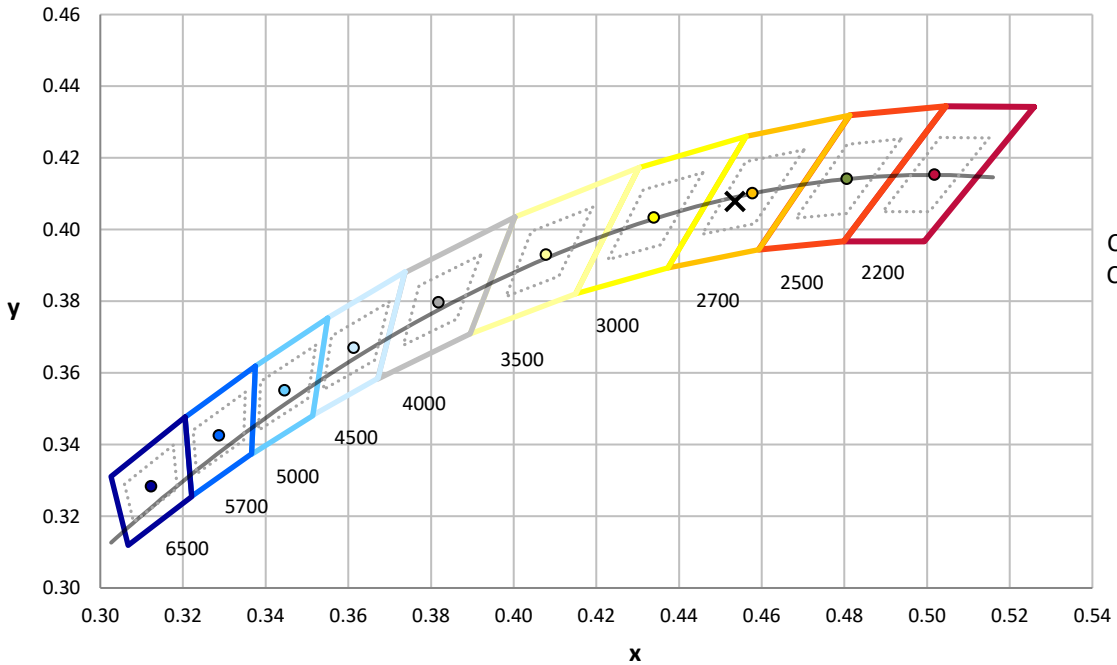
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

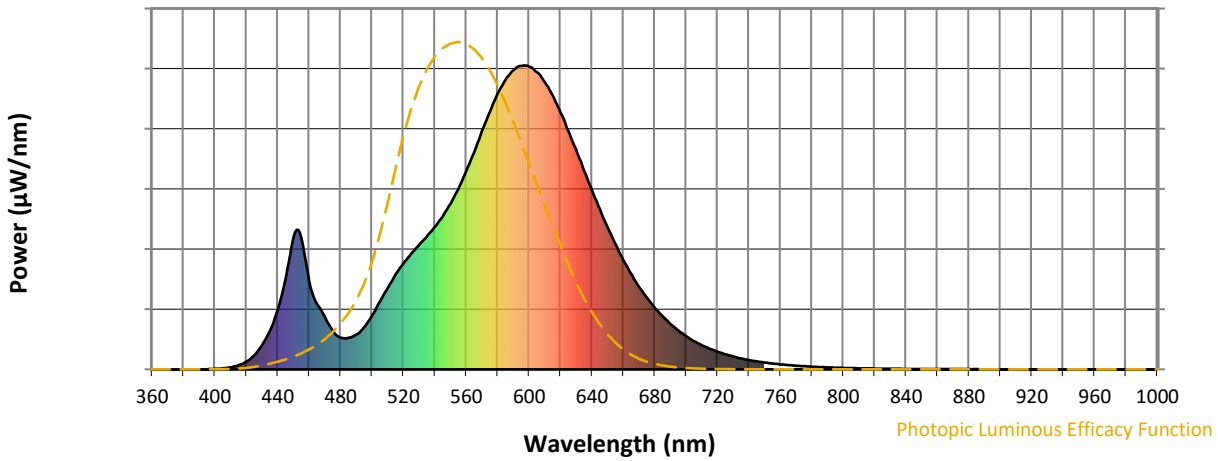


CCT = 2769K
CIE x = 0.4535
CIE y = 0.4078
Duv = -0.0005

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			

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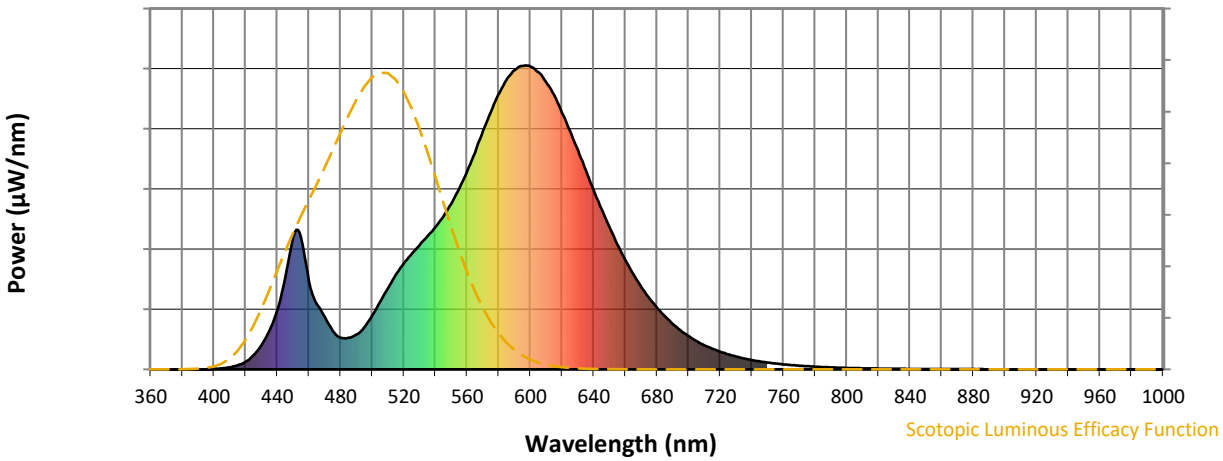
Scotopic Flux vs. Wavelength



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			

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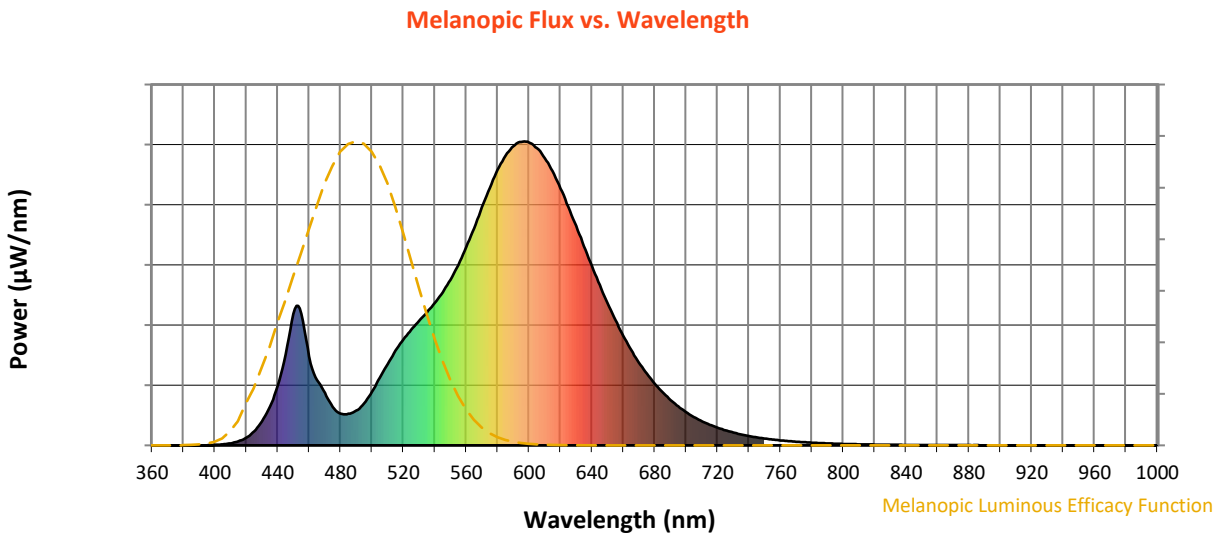

Melanopic Lumens: NR **M/P: 2.08**

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			

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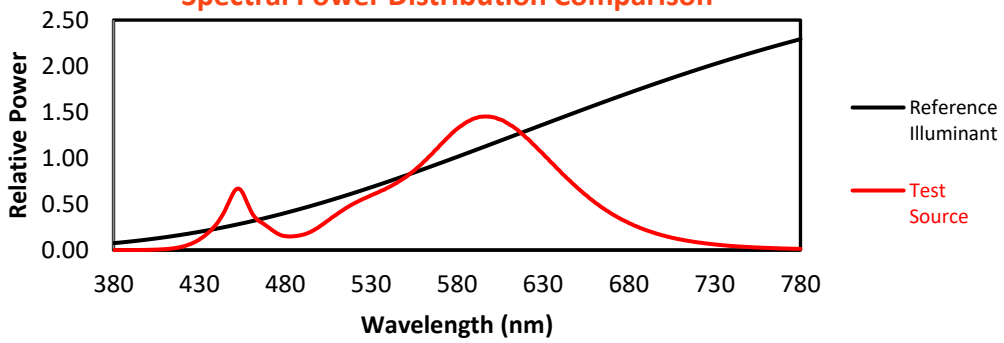
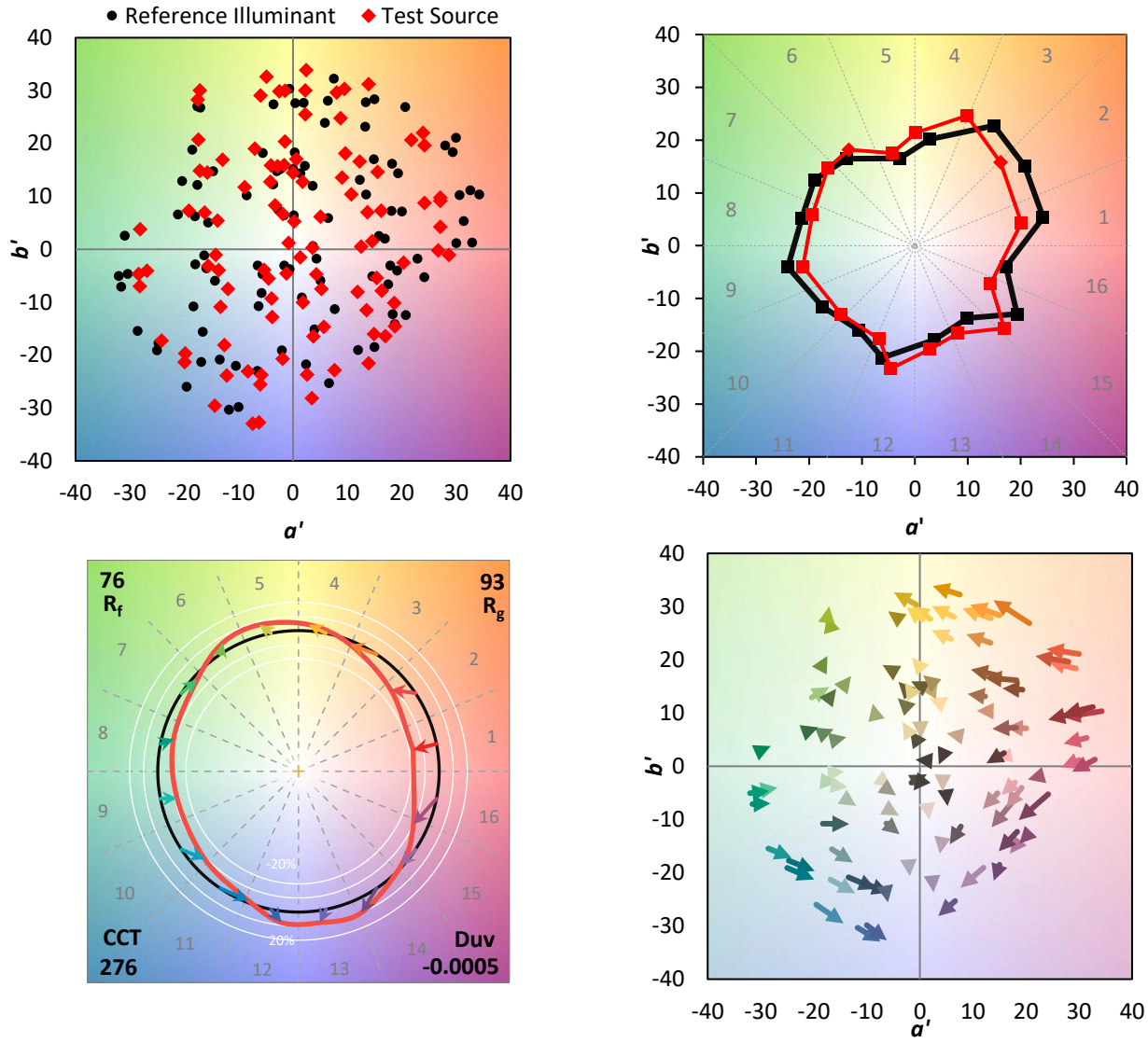
Summary

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

Spectral Power Distribution Comparison

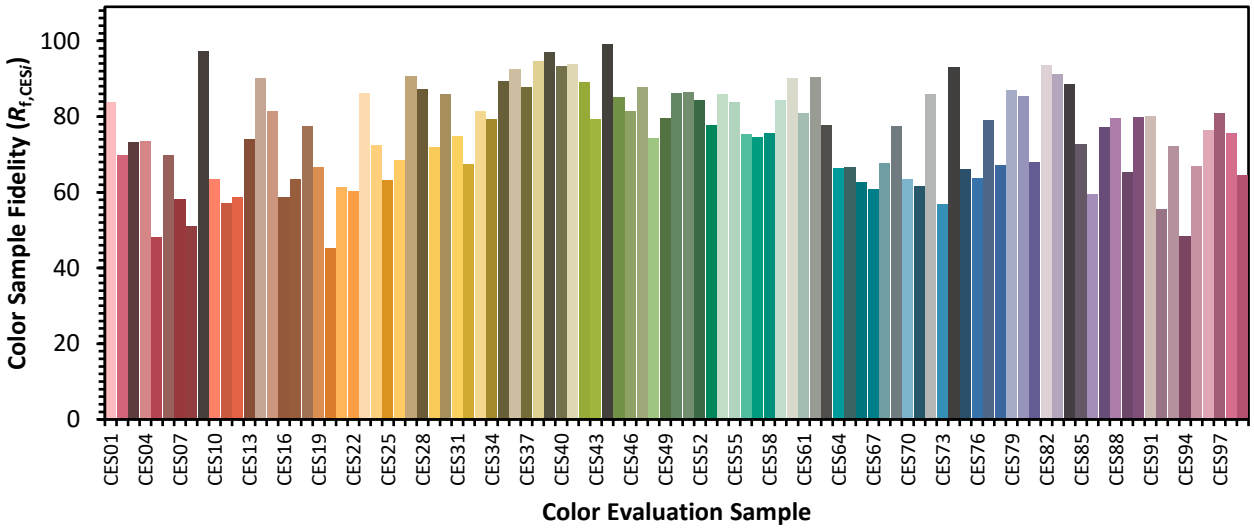


Color Vector Graphics

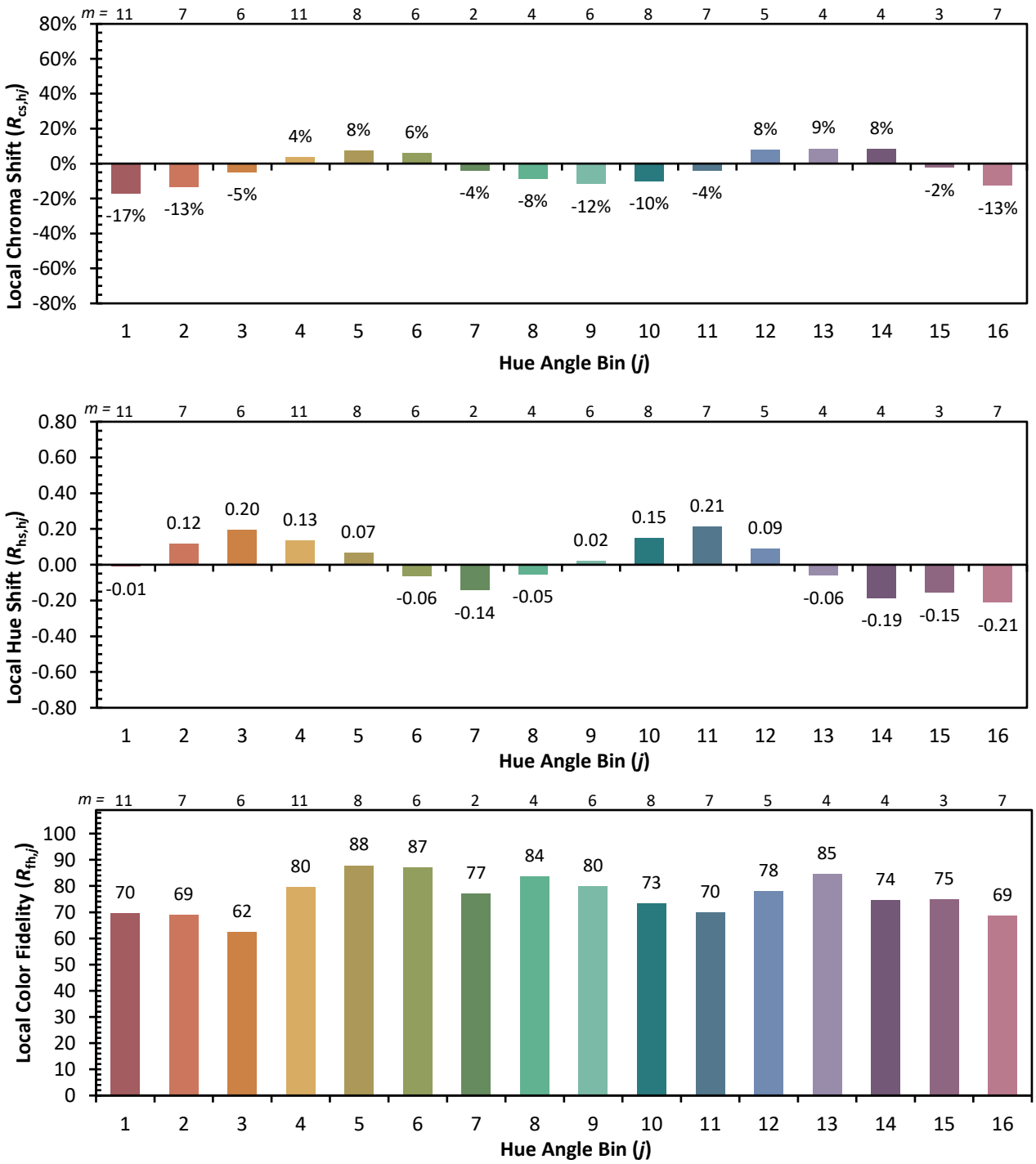


Individual Sample Fidelity Index ($R_{f,i}$)

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



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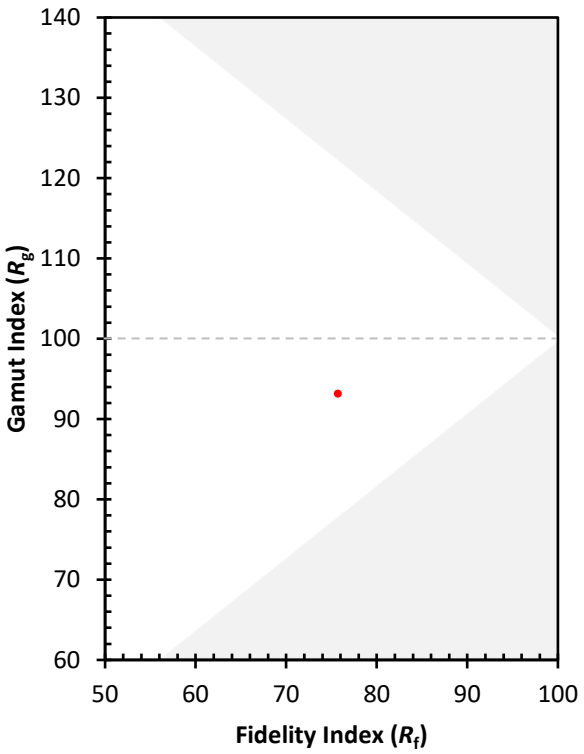
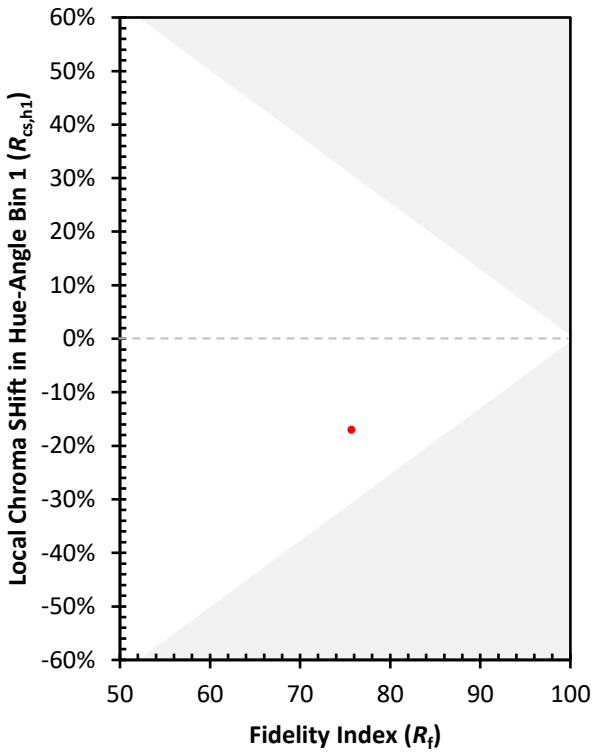
Measure Comparisons





(END OF REPORT)