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: P1503187

Luminaire Tested: PRV-P-PB2D-727-U-T2RE

Issue Date: 07/22/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1503187
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	7/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-P-PB2D-727-U-T2RE
Description:	PREVAIL PETITE DISCRETE LED 2 SQUARES AT 695MA 70CRI 2700K FIXTURE w/ TYPE II ROADWAY ILLUMIANCE DISTRIBUTION OPTIC
Light Source:	(20) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11518 lumens
Efficiency:	N/A
Efficacy:	121.9 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B2 - U0 - G2

Input Watts (W):	94.5
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	6.0%
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: P1503187
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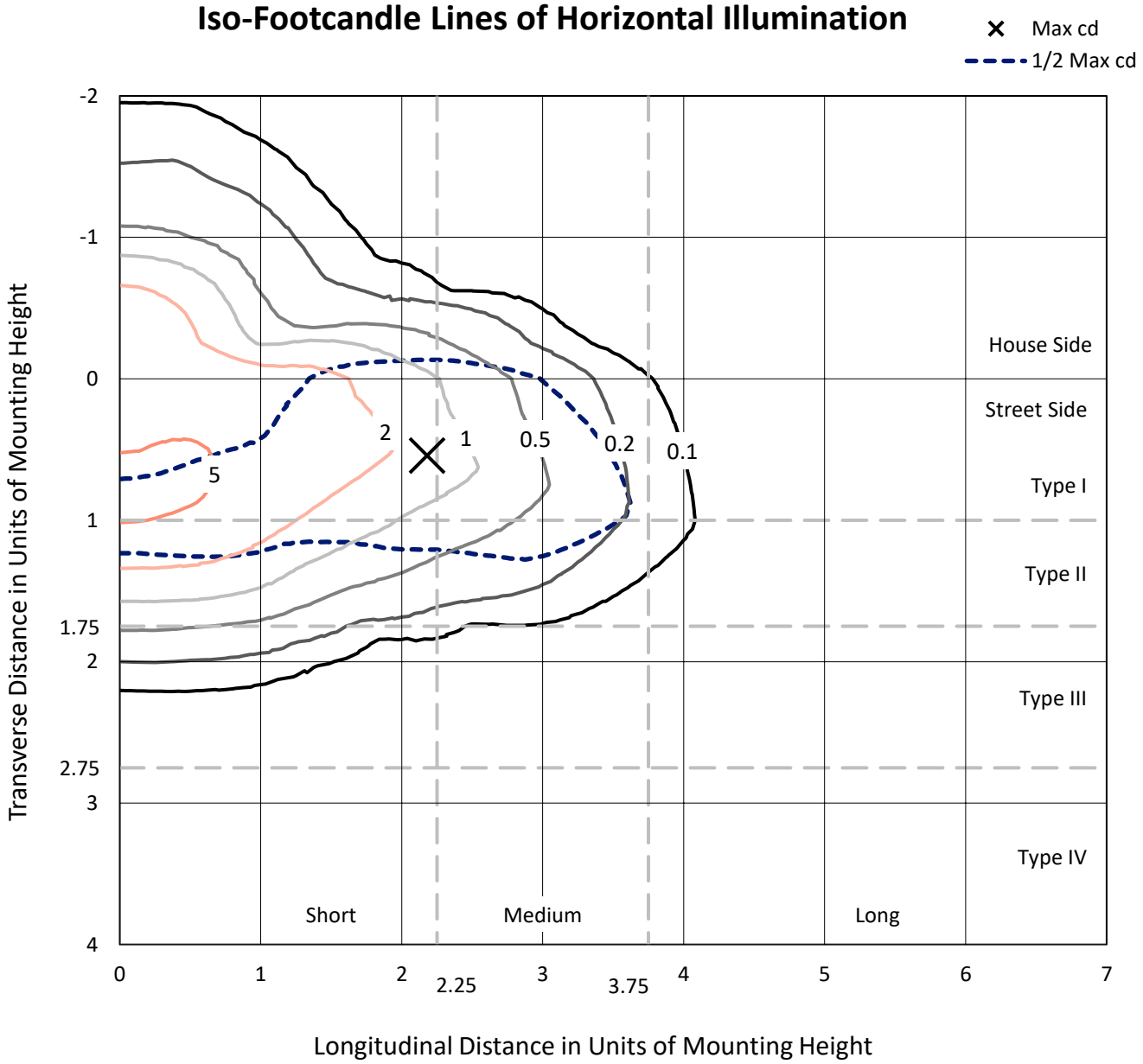
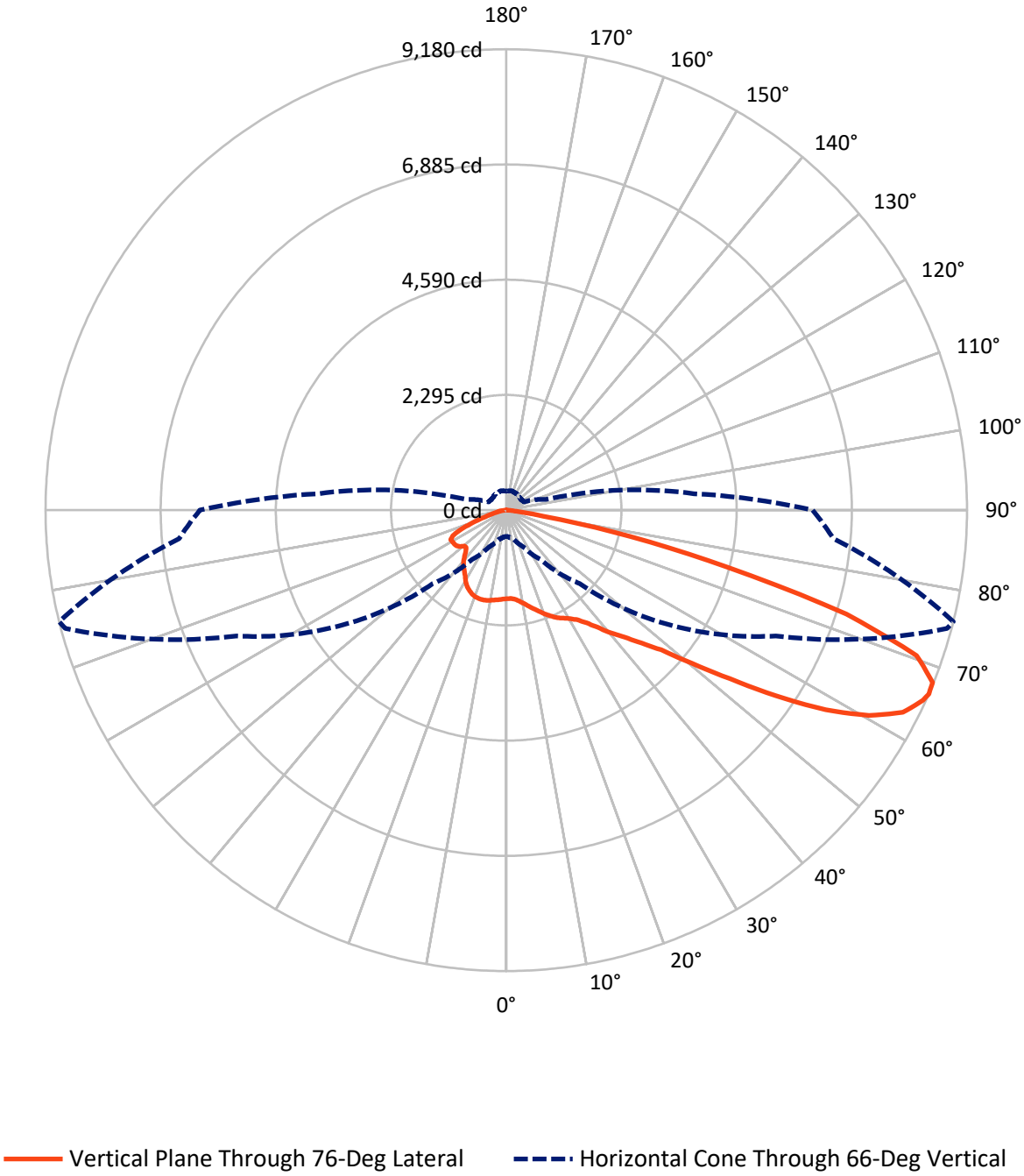
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 6.2 fc
Type II - Short - N/A

REPORT NUMBER: P1503187
CATALOG NUMBER: PRV-P-PB2D-727-U-T2RE

Luminous Intensity Polar Plot



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Scaled Data Report

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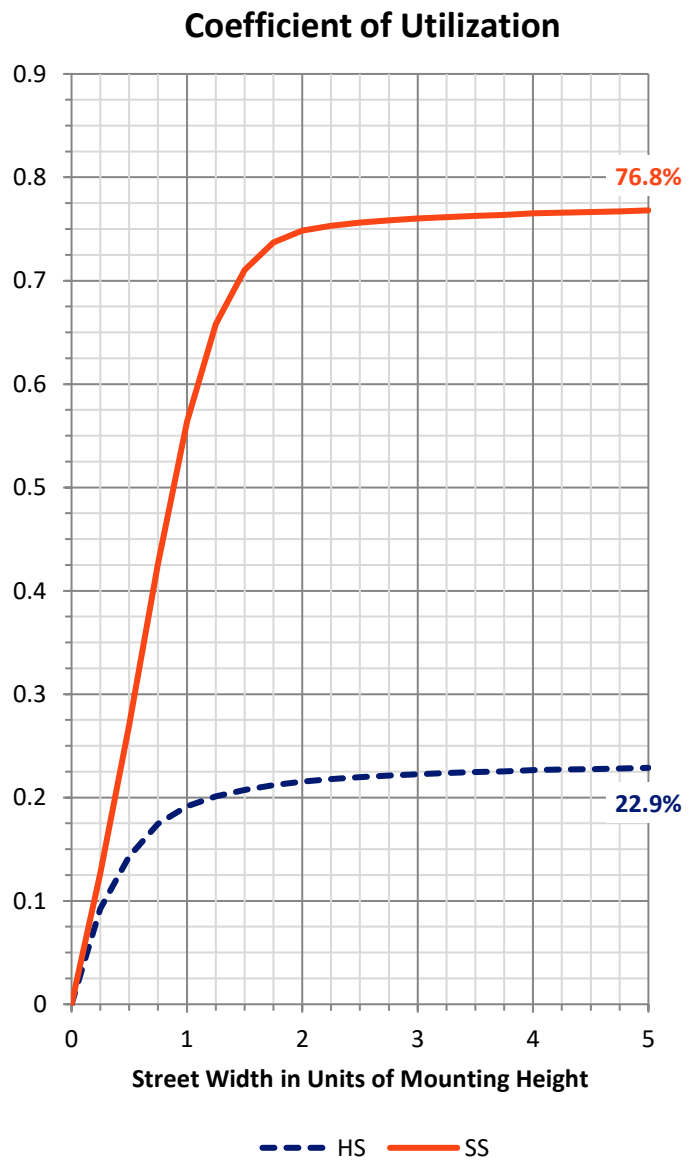
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2651.8	0.0	2651.8
	% Fixture	23.0	0.0	23.0
Street Side	Lumens	8866.2	0.0	8866.2
	% Fixture	77.0	0.0	77.0
Total	Lumens	11518.0	0.0	11518.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	165.8	1.4
10°-20°	486.9	4.2
20°-30°	926.3	8.0
30°-40°	1612.9	14.0
40°-50°	2338.0	20.3
50°-60°	2684.1	23.3
60°-70°	2242.1	19.5
70°-80°	969.4	8.4
80°-90°	92.6	0.8
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°	11518.0	100.0
0°-180°	11518.0	100.0



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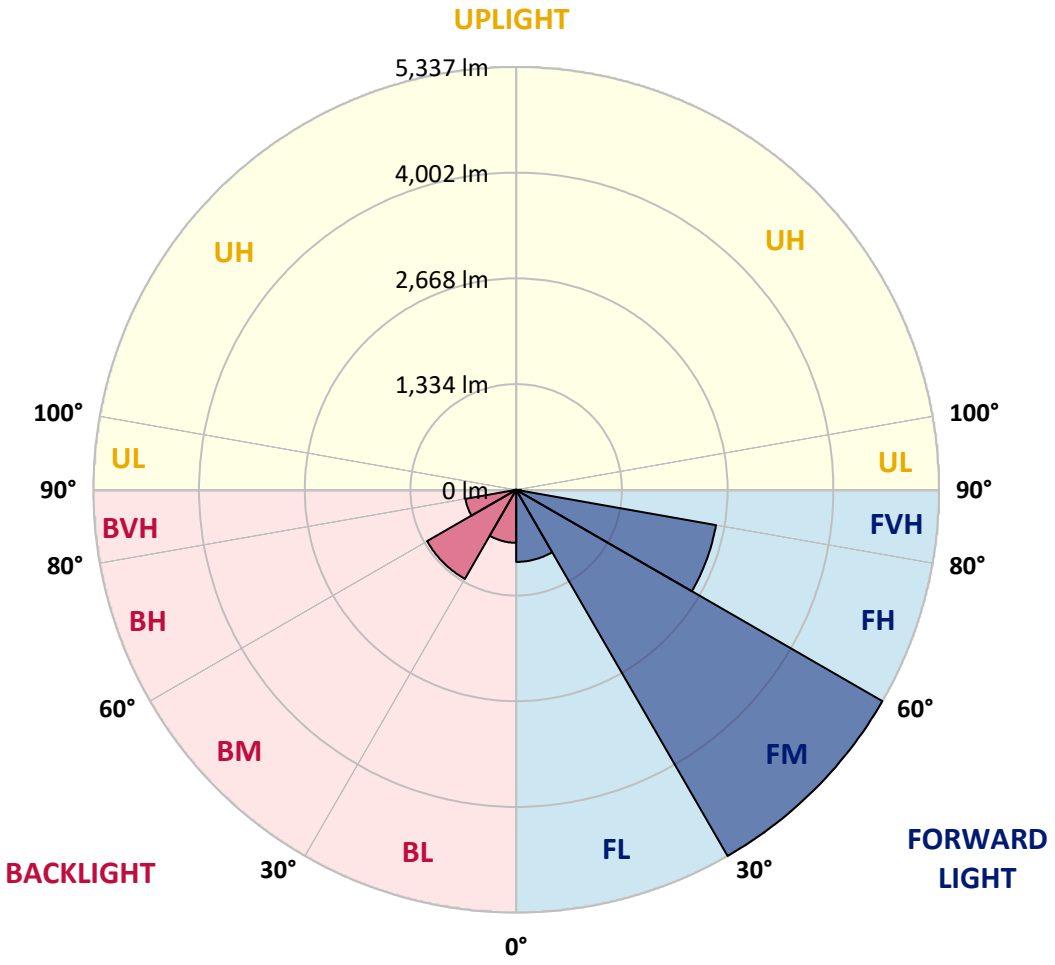
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	909.8	7.9			
FM	(30°-60°)	5336.6	46.3			
FH	(60°-80°)	2560.7	22.2			G2/5000
FVH	(80°-90°)	59.1	0.5			G1/100
BL	(0°-30°)	669.2	5.8	B2/1000		
BM	(30°-60°)	1298.3	11.3	B2/2500		
BH	(60°-80°)	650.8	5.7	B2/1000		G2/1000
BVH	(80°-90°)	33.5	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	1763.2	1763.2	1763.2	1763.2	1763.2	1763.2	1763.2	1763.2	1763.2	*1763.2*	1763.2
2.5°	1775.5	1780.4	1787.8	1787.8	1787.8	1775.5	1773.0	1765.7	1765.7	*1760.8*	1768.1
5°	1778.0	1782.9	1800.1	1819.7	1832.0	1827.1	1819.7	1797.6	1782.9	*1780.4*	1782.9
7.5°	1620.8	1625.7	1655.2	1696.9	1748.5	1797.6	1851.6	1854.1	1822.2	*1827.1*	1812.3
10°	1525.0	1522.6	1537.3	1564.3	1633.1	1721.5	1814.8	1890.9	1888.5	*1886.0*	1866.4
12.5°	1574.1	1574.1	1576.6	1586.4	1603.6	1647.8	1778.0	1903.2	1954.8	*1957.2*	1930.2
15°	1689.6	1687.1	1684.6	1689.6	1679.7	1677.3	1748.5	1905.7	2035.8	*2035.8*	2018.6
17.5°	1807.4	1807.4	1817.3	1827.1	1824.6	1785.3	1787.8	1927.8	2114.4	*2116.9*	2109.5
20°	1981.8	1974.4	1984.2	1996.5	1991.6	1952.3	1893.4	1964.6	2197.9	*2210.2*	2215.1
22.5°	2188.1	2175.8	2188.1	2195.4	2193.0	2129.1	2057.9	2033.4	2271.6	*2291.2*	2333.0
25°	2448.4	2433.6	2460.7	2470.5	2450.8	2377.2	2256.8	2139.0	2345.2	*2374.7*	2438.6
27.5°	2824.1	2809.4	2829.0	2846.2	2802.0	2674.3	2497.5	2276.5	2409.1	*2436.1*	2531.9
30°	3366.8	3398.7	3325.1	3288.2	3212.1	3025.5	2787.3	2455.7	2477.8	*2504.9*	2615.4
32.5°	3998.0	4000.4	3943.9	3759.7	3644.3	3428.2	3126.2	2706.2	2583.4	*2603.1*	2694.0
35°	4528.4	4516.1	4462.1	4349.1	4113.4	3858.0	3494.5	2988.6	2728.3	*2755.3*	2792.2
37.5°	4933.6	4926.2	4926.2	4823.1	4616.8	4297.6	3885.0	3322.6	2944.4	*2961.6*	2929.7
40°	5265.1	5255.3	5284.8	5257.7	5100.6	4734.7	4248.4	3612.4	3197.4	*3217.0*	3072.1
42.5°	5552.4	5535.2	5569.6	5584.4	5493.5	5169.3	4626.6	3924.3	3452.8	*3455.2*	3239.1
45°	5834.8	5832.4	5871.7	5893.8	5825.0	5498.4	4955.7	4285.3	3757.3	*3776.9*	3460.1
47.5°	5608.9	5628.6	5798.0	6006.8	6095.2	5810.3	5277.4	4634.0	4160.0	*4152.7*	3732.7
50°	4891.8	4972.9	5302.0	5729.3	6095.2	6043.6	5572.1	5029.4	4717.5	*4791.2*	4211.6
52.5°	3946.4	3921.8	4405.6	5078.5	5758.7	6004.3	5844.7	5473.9	5520.5	*5577.0*	4727.3
55°	3082.0	3136.0	3506.8	4255.8	5017.1	5631.0	5962.5	5974.8	6451.2	*6520.0*	5223.4
57.5°	2617.8	2666.9	2954.3	3634.5	4253.3	4931.1	5820.1	6502.8	7399.2	*7504.8*	5699.8
60°	1890.9	1915.5	2242.1	2902.7	3737.6	4064.3	5387.9	6809.8	8278.3	*8302.9*	6127.1
62.5°	1080.5	1114.9	1306.5	1915.5	2873.2	3509.3	4756.8	6768.0	8843.1	*8870.1*	6515.1
65°	589.4	613.9	731.8	1041.2	1647.8	2721.0	4160.0	6245.0	9069.1	*9125.5*	6623.1
66°	*523.1*	*532.9*	*609.0*	*805.5*	*1203.3*	*2067.7*	*3990.6*	*5928.2*	*9096.1*	*9179.6*	*6544.6*
67.5°	503.4	503.4	545.2	650.8	798.1	1375.2	3558.4	5520.5	9044.5	*9162.4*	6348.1
70°	488.7	491.1	525.5	552.5	518.2	474.0	2202.8	4977.8	8433.0	*8673.7*	5866.8
72.5°	446.9	446.9	493.6	520.6	422.4	297.1	859.5	4204.2	6910.5	*7087.3*	4896.8
75°	370.8	375.7	422.4	464.1	390.5	243.1	257.9	2404.2	4503.8	*4555.4*	3303.0
77.5°	287.3	294.7	348.7	365.9	353.6	223.5	208.7	933.2	2465.6	*2524.5*	1544.7
80°	206.3	213.6	265.2	289.8	282.4	216.1	179.3	292.2	788.3	*744.1*	474.0
82.5°	130.2	130.2	162.1	208.7	194.0	186.6	147.3	176.8	230.8	*228.4*	164.5
85°	46.7	51.6	73.7	93.3	88.4	98.2	86.0	98.2	108.1	*103.1*	63.8
87.5°	2.5	2.5	2.5	4.9	4.9	9.8	9.8	12.3	9.8	*12.3*	12.3
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: P1503187
CATALOG NUMBER: PRV-P-PB2D-727-U-T2RE

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1763.2	1763.2	1763.2	1763.2	1763.2	1763.2	1763.2	1763.2	1763.2	1763.2	1763.2
2.5°	1768.1	1768.1	1773.0	1778.0	1782.9	1773.0	1770.6	1770.6	1760.8	1763.2	1768.1
5°	1782.9	1782.9	1787.8	1782.9	1765.7	1738.7	1721.5	1711.7	1689.6	1692.0	1692.0
7.5°	1809.9	1809.9	1800.1	1765.7	1726.4	1677.3	1645.3	1628.2	1598.7	1603.6	1603.6
10°	1859.0	1851.6	1814.8	1741.1	1667.5	1603.6	1569.2	1544.7	1527.5	1520.1	1522.6
12.5°	1930.2	1917.9	1829.5	1701.8	1596.2	1534.8	1507.8	1490.6	1480.8	1475.9	1478.4
15°	2013.7	1991.6	1829.5	1647.8	1529.9	1473.4	1453.8	1461.2	1473.4	1478.4	1483.3
17.5°	2107.0	2070.2	1817.3	1591.3	1463.6	1424.3	1441.5	1468.5	1493.1	1502.9	1505.4
20°	2207.7	2141.4	1800.1	1525.0	1412.1	1414.5	1453.8	1485.7	1505.4	1512.7	1515.2
22.5°	2308.4	2197.9	1763.2	1448.9	1390.0	1419.4	1458.7	1485.7	1498.0	1502.9	1505.4
25°	2391.9	2229.8	1709.2	1397.3	1380.1	1419.4	1451.3	1471.0	1483.3	1490.6	1493.1
27.5°	2465.6	2237.2	1655.2	1358.0	1372.8	1412.1	1436.6	1456.3	1471.0	1475.9	1478.4
30°	2512.2	2217.5	1576.6	1326.1	1360.5	1394.9	1419.4	1436.6	1448.9	1456.3	1458.7
32.5°	2549.1	2200.3	1471.0	1289.3	1335.9	1375.2	1397.3	1407.1	1412.1	1417.0	1417.0
35°	2585.9	2197.9	1390.0	1242.6	1301.5	1348.2	1355.6	1345.7	1338.4	1326.1	1328.6
37.5°	2625.2	2212.6	1326.1	1186.1	1245.1	1291.7	1281.9	1250.0	1220.5	1181.2	1171.4
40°	2676.8	2220.0	1240.2	1107.5	1168.9	1195.9	1166.5	1107.5	1029.0	994.6	994.6
42.5°	2757.8	2264.2	1127.2	1016.7	1053.5	1078.1	1048.6	947.9	879.2	849.7	852.1
45°	2929.7	2372.2	1016.7	918.4	933.2	957.7	898.8	800.6	753.9	734.3	724.4
47.5°	3224.4	2551.5	928.3	820.2	805.5	827.6	756.4	687.6	638.5	594.3	591.8
50°	3759.7	2924.8	896.3	717.1	695.0	731.8	663.1	613.9	557.5	535.4	532.9
52.5°	4351.6	3388.9	930.7	631.1	621.3	653.2	618.8	557.5	518.2	513.3	513.3
55°	4894.3	3826.0	933.2	579.6	579.6	594.3	562.4	518.2	520.6	515.7	508.3
57.5°	5383.0	4056.9	920.9	552.5	540.3	545.2	528.0	498.5	542.7	483.8	469.0
60°	5859.4	4069.2	925.8	528.0	486.2	481.3	496.1	474.0	518.2	446.9	439.6
62.5°	6132.0	3966.0	952.8	481.3	427.3	415.0	434.7	427.3	461.7	424.8	422.4
65°	6154.1	3845.7	879.2	415.0	385.6	375.7	397.8	395.4	410.1	402.7	405.2
66°	*6102.5*	*3754.8*	*815.3*	*390.5*	*363.5*	*365.9*	*385.6*	*385.6*	*400.3*	*380.6*	*378.2*
67.5°	5913.4	3563.3	685.2	351.2	334.0	348.7	368.4	370.8	378.2	361.0	363.5
70°	5225.8	2809.4	471.5	309.4	307.0	324.2	334.0	343.8	351.2	365.9	370.8
72.5°	4015.1	1731.3	324.2	280.0	282.4	299.6	302.1	319.2	365.9	383.1	368.4
75°	2475.4	879.2	250.5	238.2	252.9	267.7	272.6	287.3	370.8	361.0	316.8
77.5°	1198.4	402.7	198.9	198.9	208.7	225.9	228.4	240.7	334.0	262.8	230.8
80°	370.8	211.2	157.2	157.2	162.1	164.5	176.8	191.5	221.0	140.0	142.4
82.5°	152.3	142.4	120.3	113.0	100.7	100.7	100.7	125.2	113.0	58.9	22.1
85°	68.8	58.9	56.5	46.7	44.2	39.3	39.3	61.4	44.2	14.7	0.0
87.5°	7.4	7.4	7.4	7.4	4.9	2.5	2.5	2.5	2.5	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	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

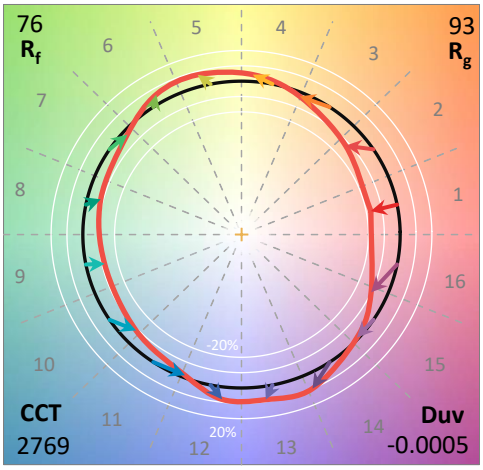
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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						



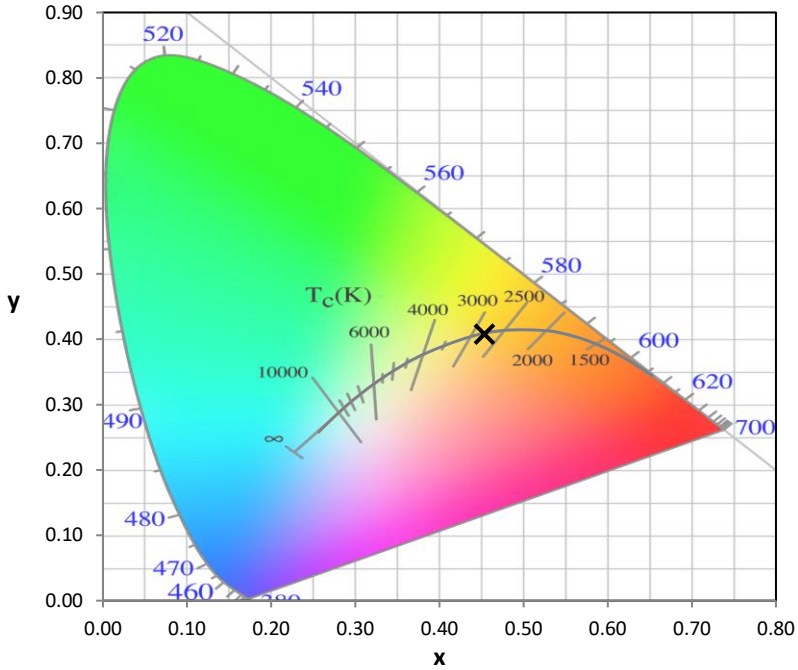
Test Conditions

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

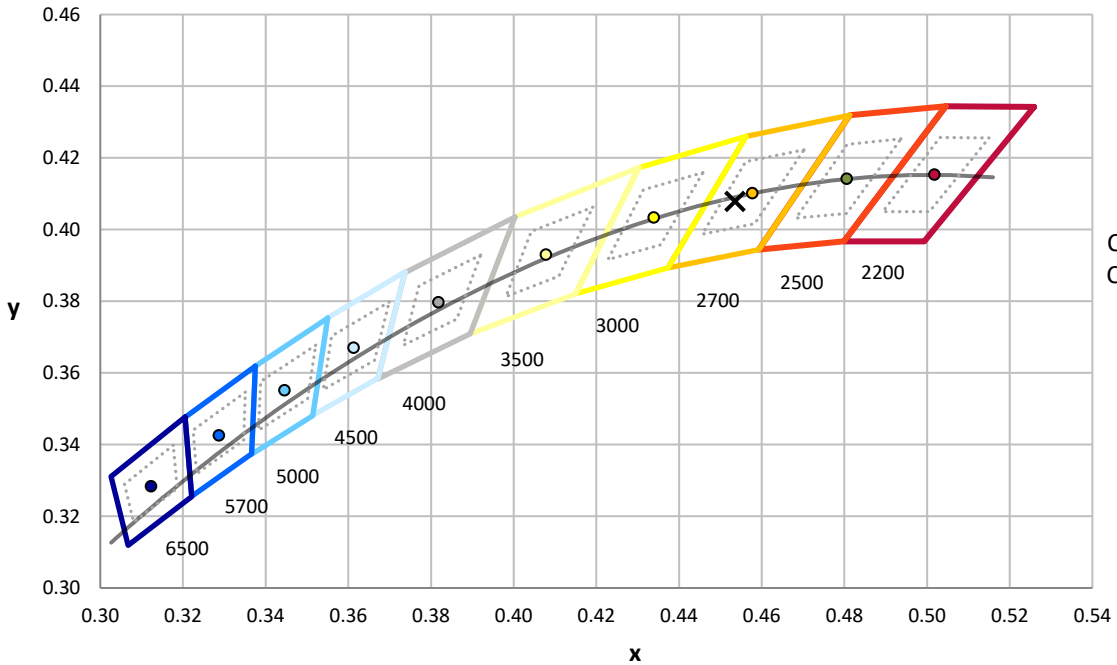
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

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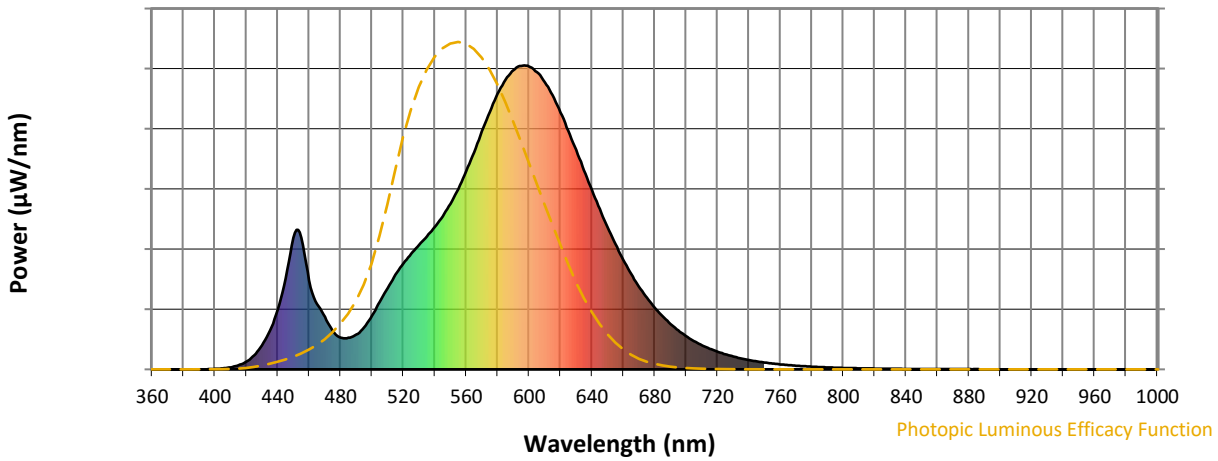
Photopic Flux vs. Wavelength



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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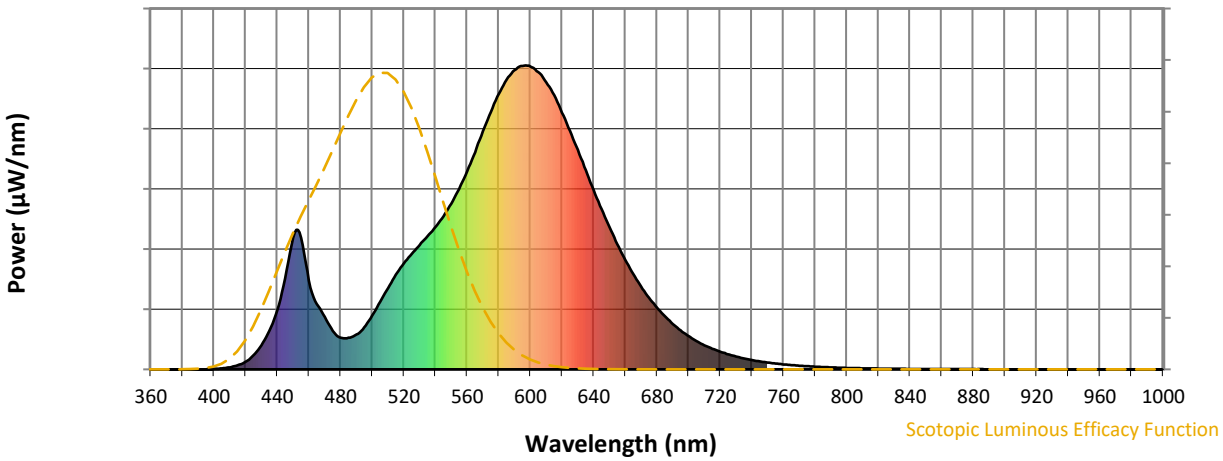
Scotopic Flux vs. Wavelength



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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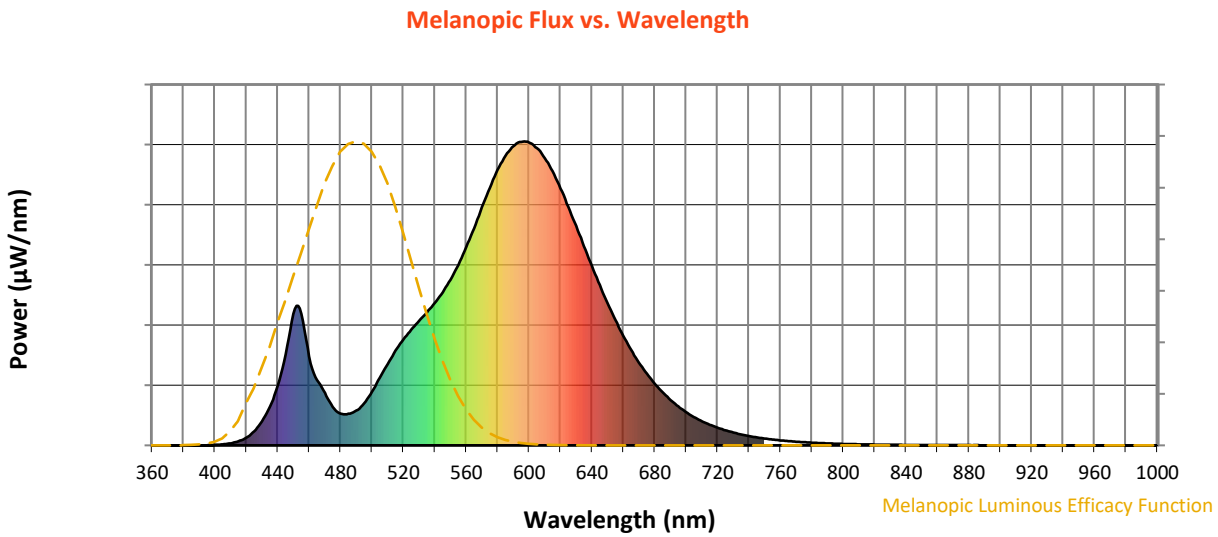

Melanopic Lumens: NR **M/P: 2.08**

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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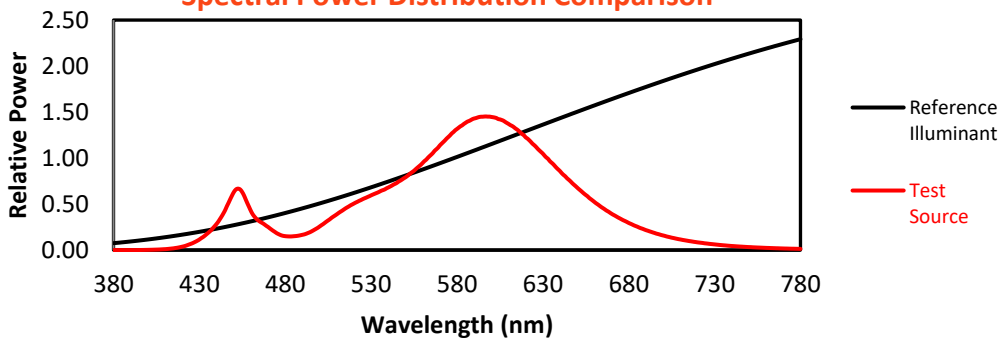
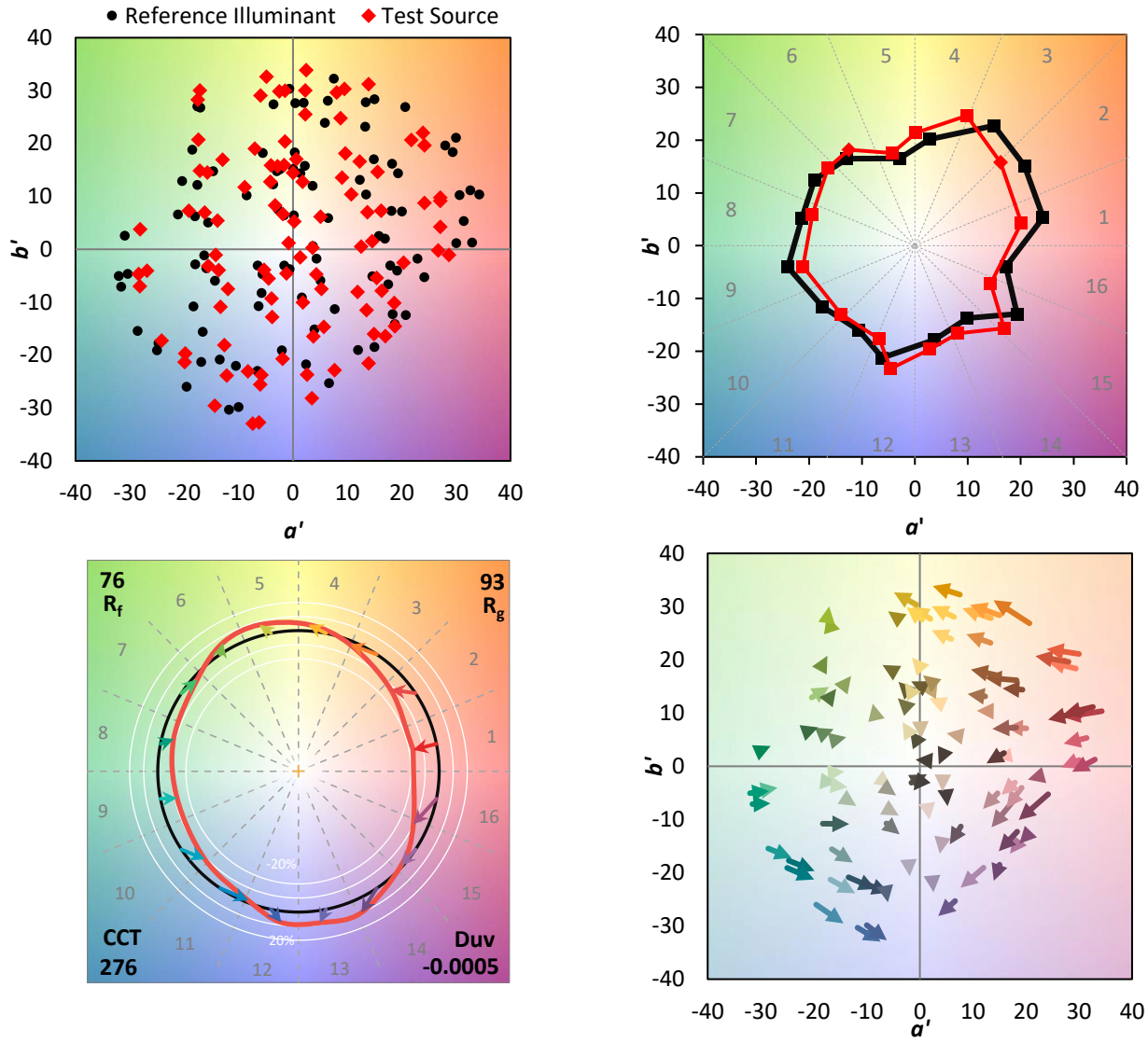
Summary

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

Spectral Power Distribution Comparison

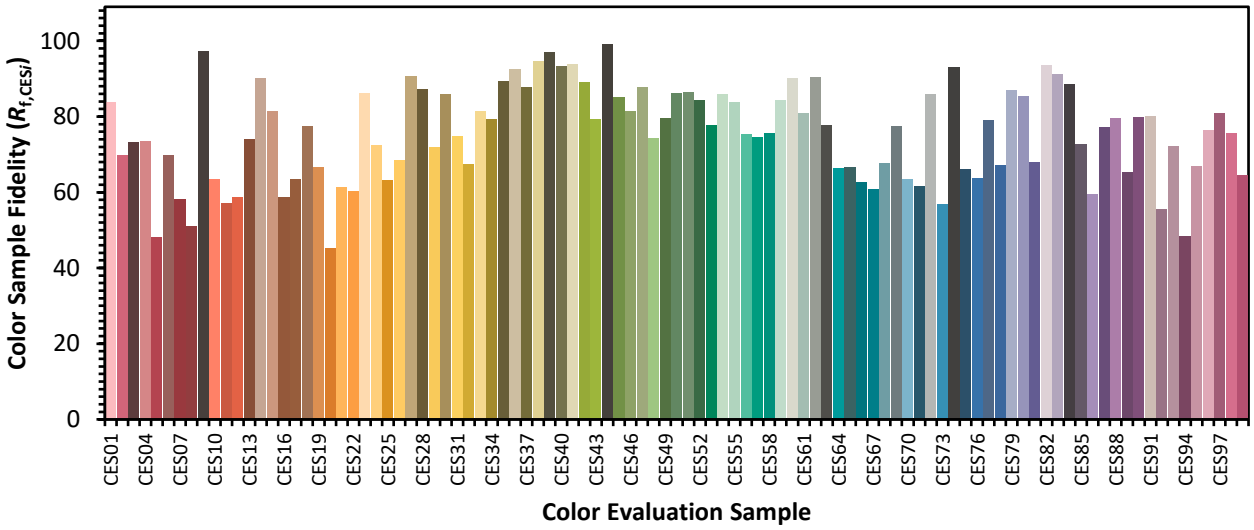


Color Vector Graphics

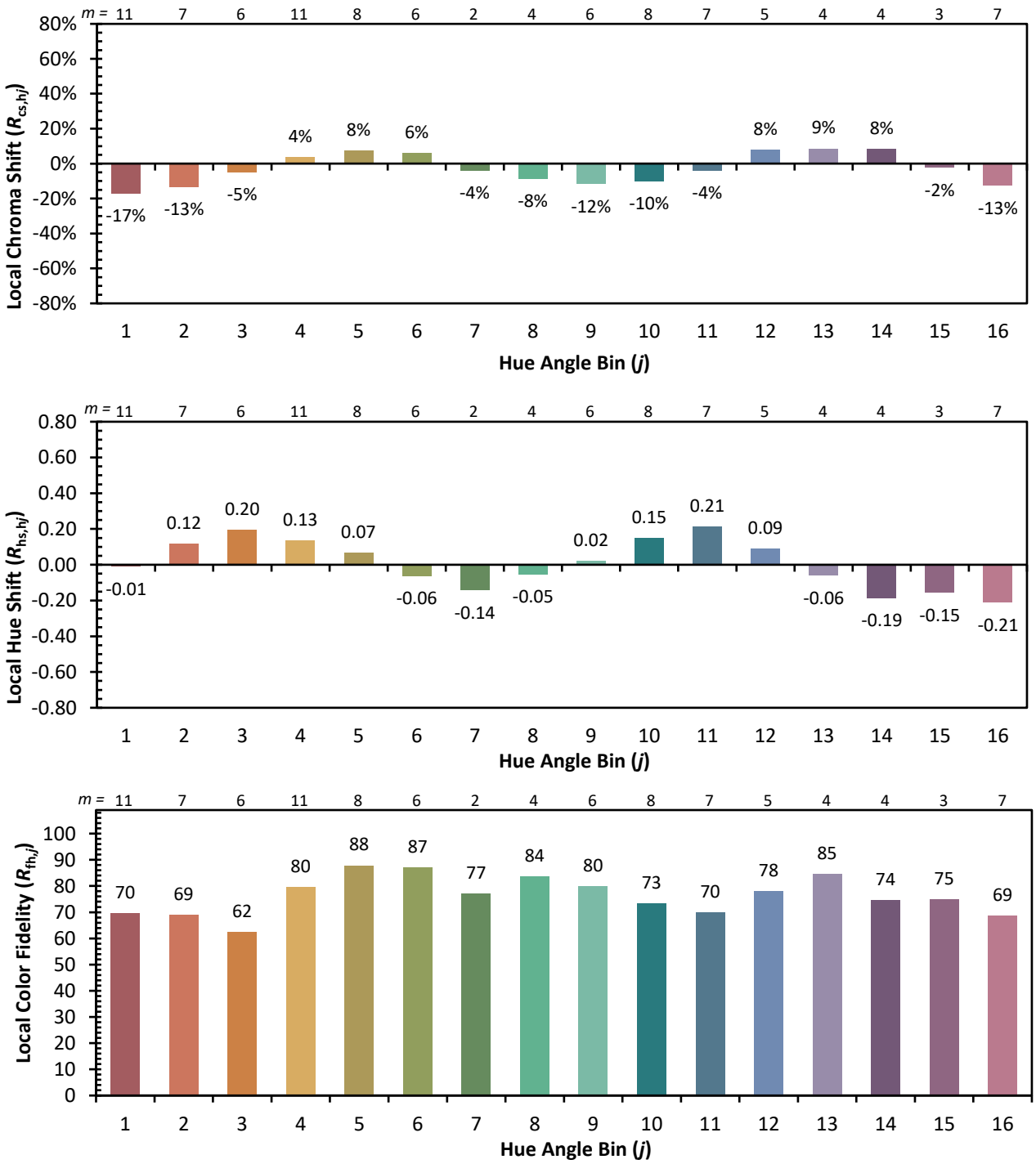


Individual Sample Fidelity Index ($R_{f,i}$)

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	

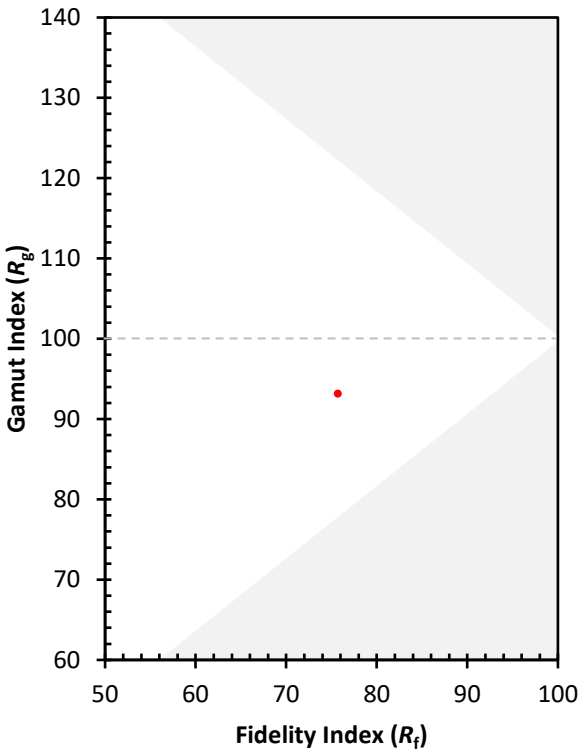


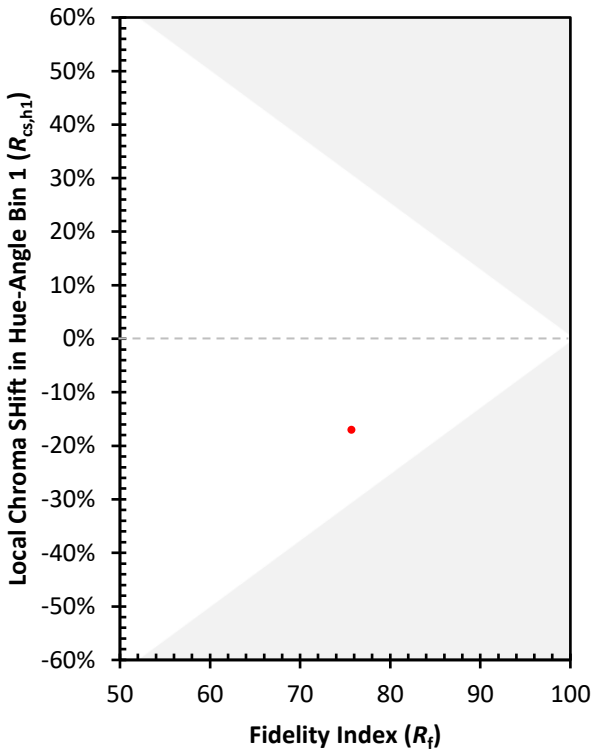
Color Rendition by Hue-Angle Bin



TM-30-18

Measure Comparisons





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