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: P1461177

Luminaire Tested: PRV-PC1A-727-U-T2RE

Issue Date: 06/10/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1461177
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/10/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-PC1A-727-U-T2RE
Description:	PREVAIL DISCRETE LED 1 SQUARE AT 425MA 70CRI 2700K FIXTURE w/ TYPE II ROADWAY ILLUMINANCE DISTRIBUTION OPTIC
Light Source:	(40) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7911.8 lumens
Efficiency:	N/A
Efficacy:	152.1 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B2 - U0 - G2
Input Watts (W):	52
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	3.35%
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: P1461177
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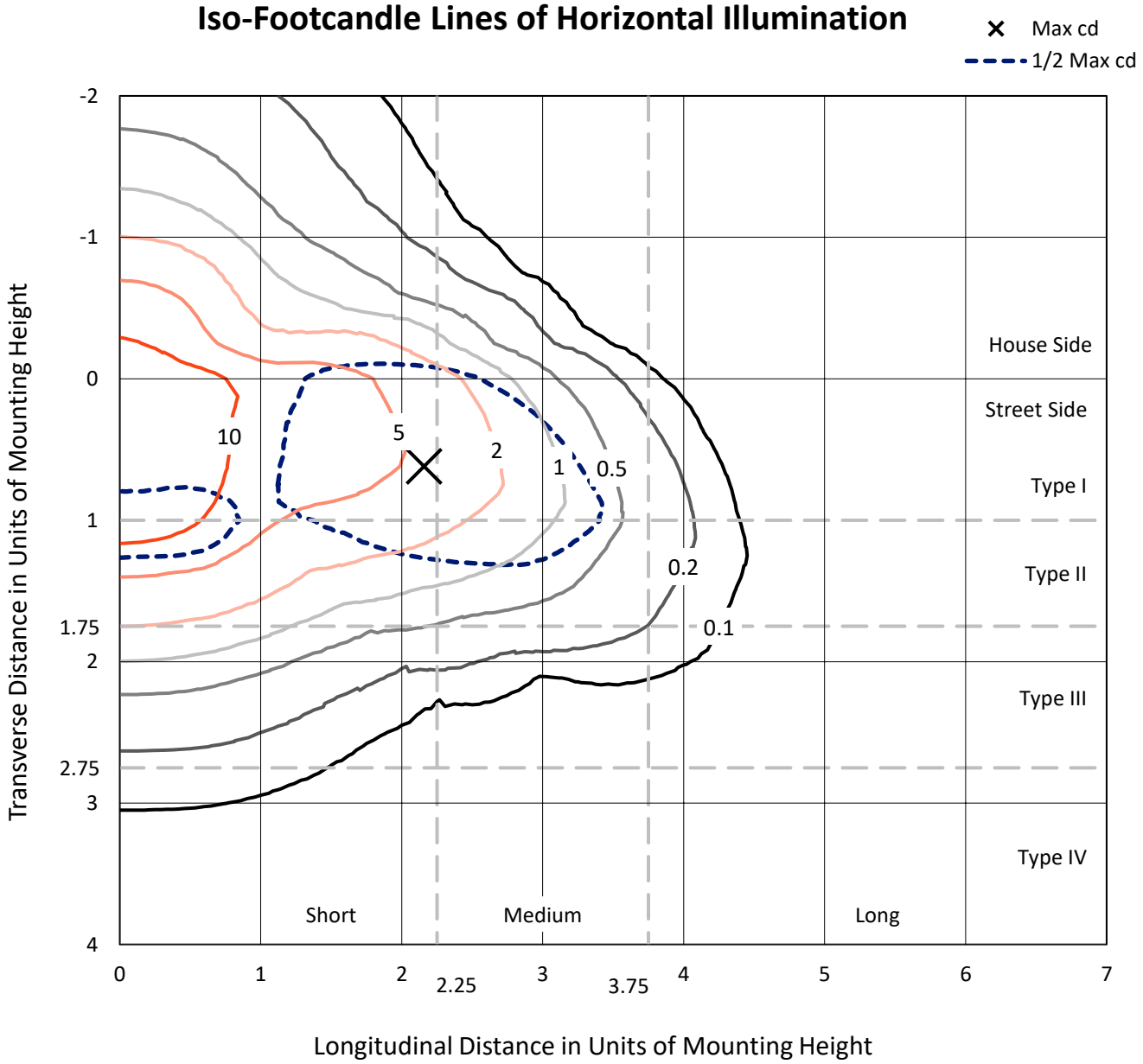
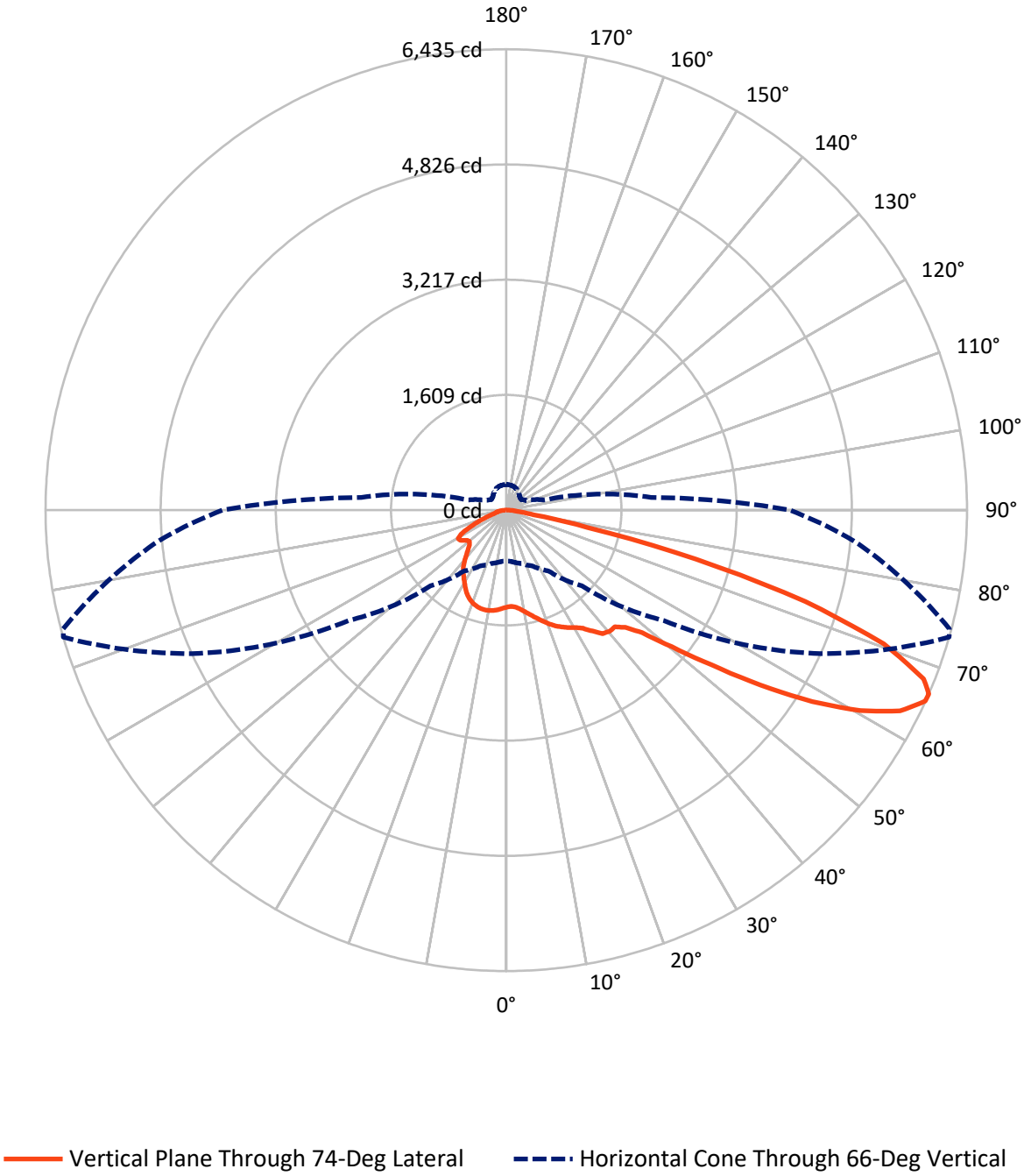
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 15.9 fc
Type II - Short - N/A

REPORT NUMBER: P1461177
CATALOG NUMBER: PRV-PC1A-727-U-T2RE

Luminous Intensity Polar Plot



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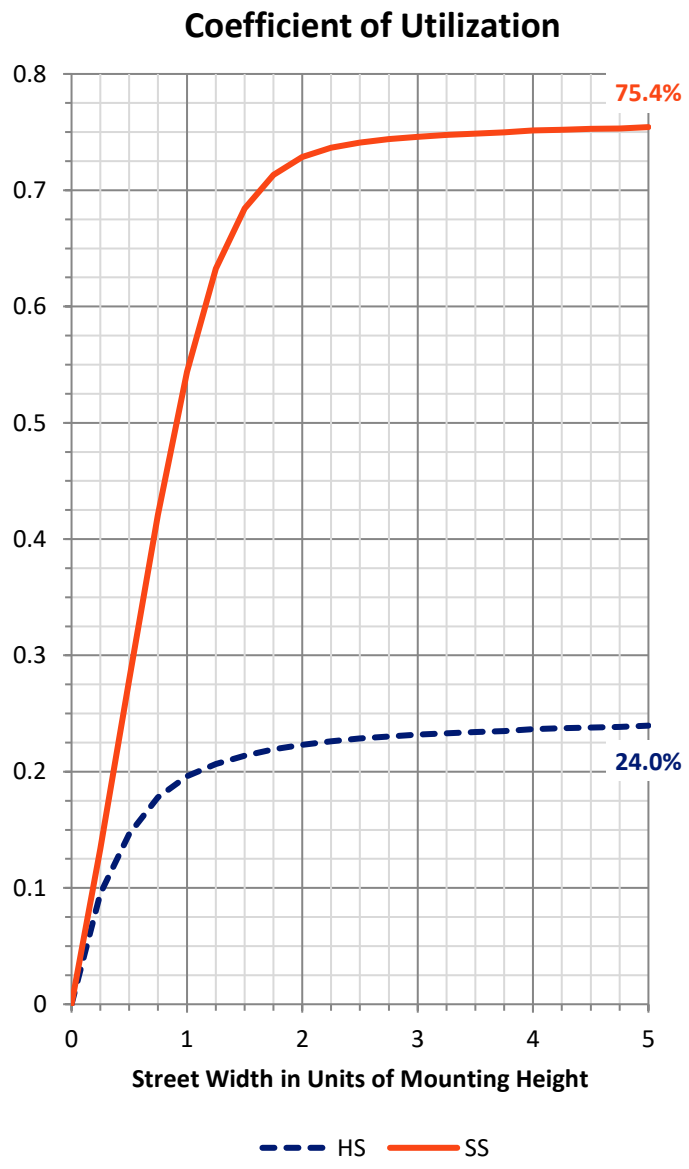
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1925.7	0.0	1925.7
	% Fixture	24.3	0.0	24.3
Street Side	Lumens	5986.0	0.0	5986.0
	% Fixture	75.7	0.0	75.7
Total	Lumens	7911.8	0.0	7911.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.4	1.6
10°-20°	393.4	5.0
20°-30°	732.9	9.3
30°-40°	1099.5	13.9
40°-50°	1449.0	18.3
50°-60°	1766.2	22.3
60°-70°	1614.3	20.4
70°-80°	631.0	8.0
80°-90°	98.2	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°	7911.8	100.0
0°-180°	7911.8	100.0



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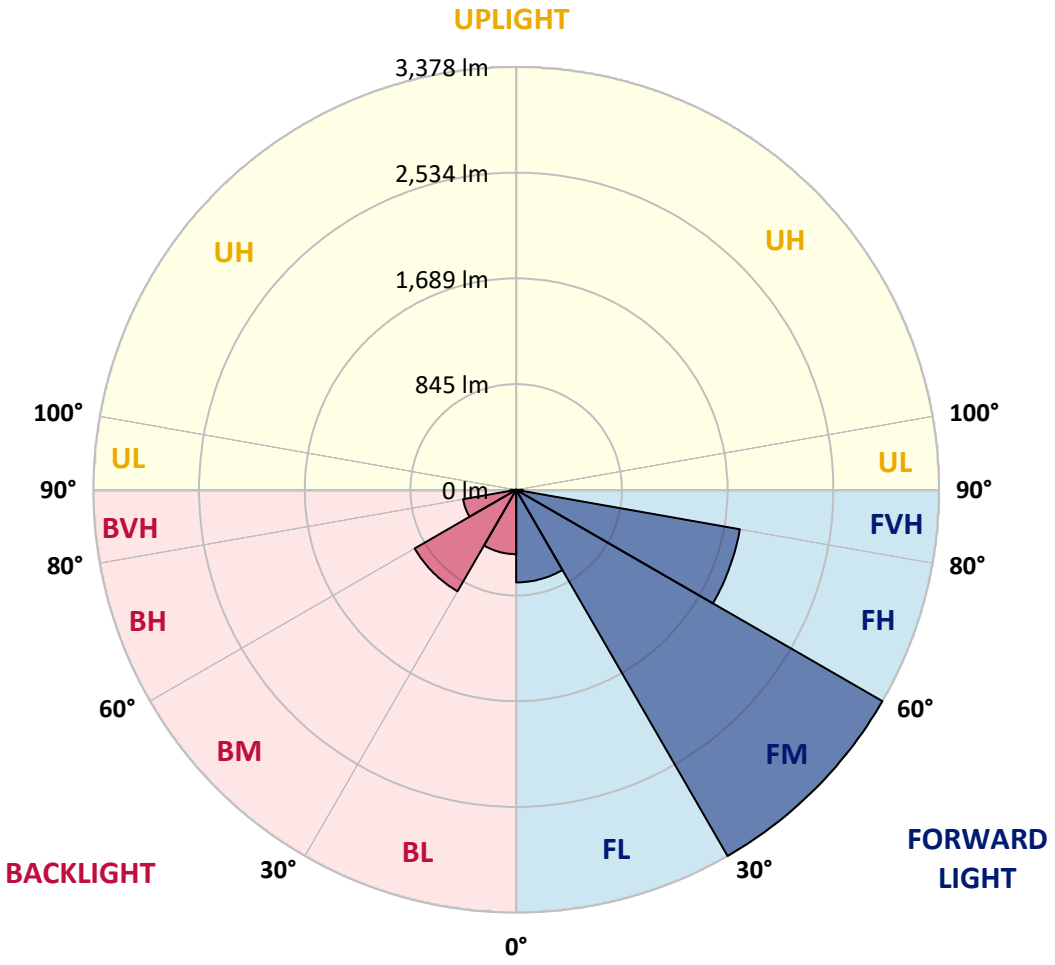
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	739.6	9.3			
FM	(30°-60°)	3378.4	42.7			
FH	(60°-80°)	1814.8	22.9			G2/5000
FVH	(80°-90°)	53.1	0.7			G1/100
BL	(0°-30°)	514.0	6.5	B2/1000		
BM	(30°-60°)	936.2	11.8	B1/1000		
BH	(60°-80°)	430.4	5.4	B1/500		G1/500
BVH	(80°-90°)	45.1	0.6			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°	74°	75°	85°
0°	1353.3	1353.3	1353.3	1353.3	1353.3	1353.3	1353.3	1353.3	*1353.3*	1353.3	1353.3
2.5°	1340.5	1339.7	1336.8	1337.9	1339.4	1340.1	1343.0	1341.2	*1344.1*	1348.2	1351.1
5°	1301.6	1302.3	1306.7	1316.3	1333.9	1349.3	1360.7	1361.8	*1359.2*	1364.0	1366.2
7.5°	1242.5	1239.6	1249.1	1266.0	1288.7	1323.2	1365.8	1390.7	*1392.6*	1397.0	1398.8
10°	1264.1	1264.9	1263.0	1258.3	1270.0	1301.6	1357.0	1413.9	*1442.1*	1446.9	1448.0
12.5°	1390.0	1387.8	1374.2	1354.8	1337.9	1326.9	1364.7	1436.2	*1497.5*	1501.2	1512.6
15°	1548.9	1533.9	1525.4	1499.7	1461.6	1419.4	1406.9	1471.1	*1558.1*	1568.7	1590.0
17.5°	1696.4	1687.6	1678.8	1649.1	1597.7	1544.5	1490.9	1517.7	*1625.6*	1640.3	1671.5
20°	1849.8	1847.6	1835.9	1809.1	1755.5	1682.1	1597.7	1581.9	*1690.9*	1708.9	1760.6
22.5°	2006.9	2008.0	1996.2	1961.7	1918.1	1827.8	1717.3	1649.4	*1754.4*	1777.9	1843.6
25°	2151.8	2149.2	2132.0	2119.1	2079.1	1987.4	1855.3	1728.0	*1807.2*	1832.6	1919.9
27.5°	2263.0	2253.4	2271.8	2266.3	2227.4	2136.4	1985.6	1814.6	*1857.1*	1886.9	1986.3
30°	2388.5	2380.0	2399.9	2416.7	2376.4	2285.7	2112.5	1887.6	*1900.4*	1934.6	2049.1
32.5°	2564.3	2561.0	2559.1	2571.6	2541.5	2430.3	2240.6	1991.1	*1965.8*	1999.2	2112.5
35°	2810.5	2799.5	2763.5	2741.9	2709.9	2571.2	2386.3	2132.0	*2072.9*	2107.4	2184.8
37.5°	3077.3	3072.1	3006.1	2926.4	2841.7	2695.3	2522.1	2271.1	*2187.8*	2217.9	2242.1
40°	3373.0	3334.1	3278.7	3156.9	2985.9	2770.5	2543.3	2256.8	*2221.9*	2260.1	2253.1
42.5°	3620.7	3569.0	3507.0	3385.9	3132.7	2858.6	2573.4	2254.2	*2227.0*	2270.7	2235.8
45°	3813.4	3789.1	3692.3	3568.2	3283.1	2939.6	2654.9	2355.5	*2333.8*	2380.0	2272.2
47.5°	3845.7	3820.0	3787.3	3697.8	3385.5	3031.8	2767.9	2549.2	*2554.7*	2618.6	2419.3
50°	3555.0	3548.8	3602.7	3662.9	3438.0	3090.5	2904.8	2838.7	*2996.2*	3034.7	2790.3
52.5°	2994.0	2986.6	3163.1	3379.3	3309.2	3122.0	3071.0	3265.1	*3581.1*	3645.3	3274.3
55°	2374.9	2421.1	2585.9	2933.4	2962.4	2994.3	3243.9	3757.9	*4308.4*	4340.3	3799.4
57.5°	2003.2	1988.9	2111.4	2432.9	2529.0	2723.5	3315.0	4297.7	*5041.2*	5014.0	4310.2
60°	1686.9	1692.4	1757.7	1997.7	2122.8	2332.0	3266.2	4783.9	*5685.9*	5653.3	4742.5
62.5°	1277.0	1264.5	1329.8	1527.3	1784.1	1990.7	3097.1	5013.3	*6171.0*	6136.5	4953.1
65°	835.2	850.6	903.1	1026.4	1266.3	1662.3	2817.1	4878.6	*6430.5*	6398.5	4939.5
66°	*710.4*	*716.7*	*769.9*	*857.6*	*1038.8*	*1493.5*	*2685.0*	*4733.3*	*6434.9*	*6408.1*	*4865.8*
67.5°	544.2	553.4	598.1	652.4	762.5	1157.4	2450.5	4435.3	*6287.7*	6263.5	4656.6
70°	399.2	402.2	437.8	450.2	468.6	640.0	1838.4	3825.8	*5592.3*	5585.0	3848.6
72.5°	304.6	308.2	328.8	339.4	333.6	386.4	1040.3	3116.9	*4366.7*	4359.4	2653.1
75°	262.7	261.6	267.9	267.1	263.5	276.3	456.5	2100.8	*2734.9*	2749.2	1296.8
77.5°	215.8	216.9	221.3	217.2	214.3	216.1	278.1	1089.8	*1156.3*	1125.8	392.3
80°	172.8	174.3	178.7	176.1	172.1	176.1	202.6	394.5	*387.9*	344.9	158.2
82.5°	136.1	132.1	135.8	137.6	134.3	139.4	151.9	180.2	*168.1*	163.7	110.8
85°	88.1	88.8	82.2	91.7	88.8	90.3	104.2	122.9	*117.8*	116.7	76.3
87.5°	29.4	31.9	34.9	35.6	36.7	38.2	44.8	54.3	*68.3*	70.8	31.6
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: P1461177
CATALOG NUMBER: PRV-PC1A-727-U-T2RE

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1353.3	1353.3	1353.3	1353.3	1353.3	1353.3	1353.3	1353.3	1353.3	1353.3	1353.3
2.5°	1356.6	1362.1	1369.5	1378.3	1384.5	1388.9	1386.3	1386.7	1385.6	1381.9	1381.2
5°	1372.4	1380.8	1392.9	1395.5	1388.5	1374.6	1357.7	1340.8	1331.7	1321.8	1321.4
7.5°	1406.2	1410.2	1413.1	1392.6	1354.4	1319.2	1282.1	1256.8	1245.4	1238.5	1244.7
10°	1450.9	1451.3	1426.3	1366.2	1301.6	1253.5	1223.0	1203.6	1192.6	1188.6	1190.4
12.5°	1508.9	1500.5	1434.8	1334.2	1250.6	1204.0	1178.6	1166.5	1158.1	1155.2	1156.6
15°	1579.0	1551.5	1432.9	1295.3	1202.9	1166.2	1148.6	1139.4	1133.5	1131.3	1133.9
17.5°	1648.3	1595.1	1421.2	1252.4	1166.9	1141.2	1129.5	1119.2	1116.6	1115.2	1117.4
20°	1716.6	1633.3	1401.0	1206.2	1140.5	1127.6	1114.8	1108.6	1111.5	1113.0	1117.0
22.5°	1779.0	1656.4	1368.7	1158.5	1119.2	1111.9	1107.5	1106.0	1111.1	1114.1	1117.7
25°	1824.8	1663.0	1325.4	1117.0	1093.9	1096.8	1101.6	1099.4	1100.9	1101.2	1103.8
27.5°	1860.8	1660.8	1263.4	1077.0	1063.1	1076.3	1087.3	1078.1	1074.1	1070.4	1072.6
30°	1892.4	1655.7	1195.9	1029.7	1019.8	1042.1	1054.6	1037.4	1026.4	1019.4	1026.0
32.5°	1919.2	1655.0	1133.1	968.4	969.5	993.3	1006.2	986.4	969.9	963.2	962.1
35°	1947.0	1657.2	1074.8	906.0	899.4	931.3	937.9	919.6	898.7	891.3	892.1
37.5°	1964.3	1659.0	1014.3	826.7	823.1	853.5	859.8	846.2	831.1	822.7	820.1
40°	1950.0	1637.0	931.0	746.0	733.5	759.6	776.1	773.5	751.5	726.2	725.1
42.5°	1941.5	1615.7	842.9	667.9	656.5	670.4	699.8	684.4	642.9	638.1	634.8
45°	2008.7	1628.5	769.5	602.5	577.2	599.6	627.1	590.4	572.8	566.6	571.7
47.5°	2198.0	1701.2	715.6	555.9	521.4	542.4	552.6	539.8	524.7	522.5	524.7
50°	2611.6	1892.4	691.3	530.2	483.3	495.8	491.7	498.0	486.6	488.8	491.0
52.5°	3136.3	2235.5	703.8	526.9	456.9	446.9	444.0	457.6	459.8	470.1	473.7
55°	3684.2	2537.8	747.1	538.7	427.5	392.6	397.4	421.3	442.9	456.9	460.2
57.5°	4148.4	2685.0	795.2	538.7	388.2	349.7	360.7	395.6	430.1	441.8	443.3
60°	4342.5	2661.9	810.2	502.4	347.5	314.8	333.6	380.2	412.5	419.1	422.7
62.5°	4316.1	2527.6	747.1	428.6	304.9	288.8	318.1	363.6	386.4	394.1	395.9
65°	4116.5	2224.5	613.2	342.4	269.0	270.1	305.3	342.7	361.1	370.3	373.9
66°	*3962.3*	*2031.4*	*547.1*	*316.7*	*256.1*	*264.2*	*300.2*	*332.1*	*349.7*	*356.7*	*360.0*
67.5°	3632.5	1687.2	467.1	275.6	241.8	256.1	289.2	315.9	329.9	338.0	340.5
70°	2648.3	1028.6	335.8	220.2	220.9	240.4	261.6	280.4	306.8	318.1	321.8
72.5°	1567.2	514.1	244.4	186.4	204.0	223.8	234.1	255.4	289.5	309.3	314.5
75°	715.9	252.1	178.3	165.1	182.7	194.5	206.2	235.6	277.4	307.5	312.6
77.5°	242.9	162.6	144.9	148.2	152.7	160.7	178.3	215.8	263.8	297.2	305.7
80°	131.4	128.8	120.0	125.5	126.6	133.9	153.0	190.8	239.6	268.6	270.4
82.5°	105.3	99.8	95.4	97.6	99.8	109.4	122.9	157.8	203.3	165.9	167.7
85°	67.9	59.8	62.0	65.3	67.5	76.0	84.8	117.1	146.4	77.4	73.8
87.5°	20.2	18.3	22.0	24.6	24.2	24.6	32.7	61.3	86.2	36.3	25.0
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

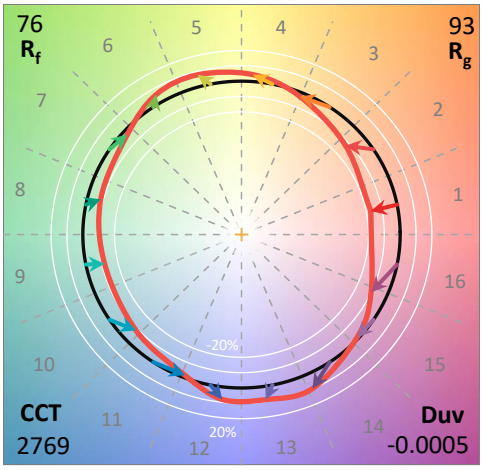
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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

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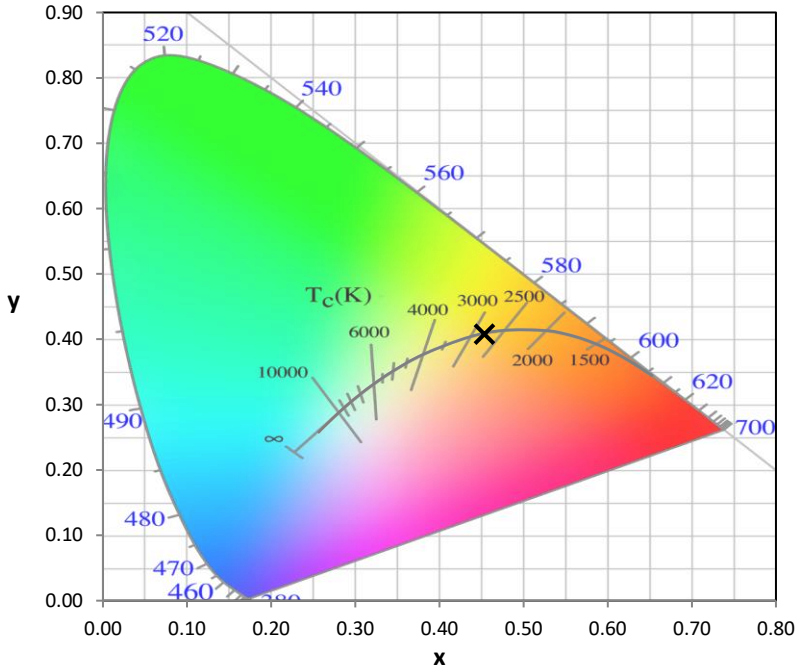
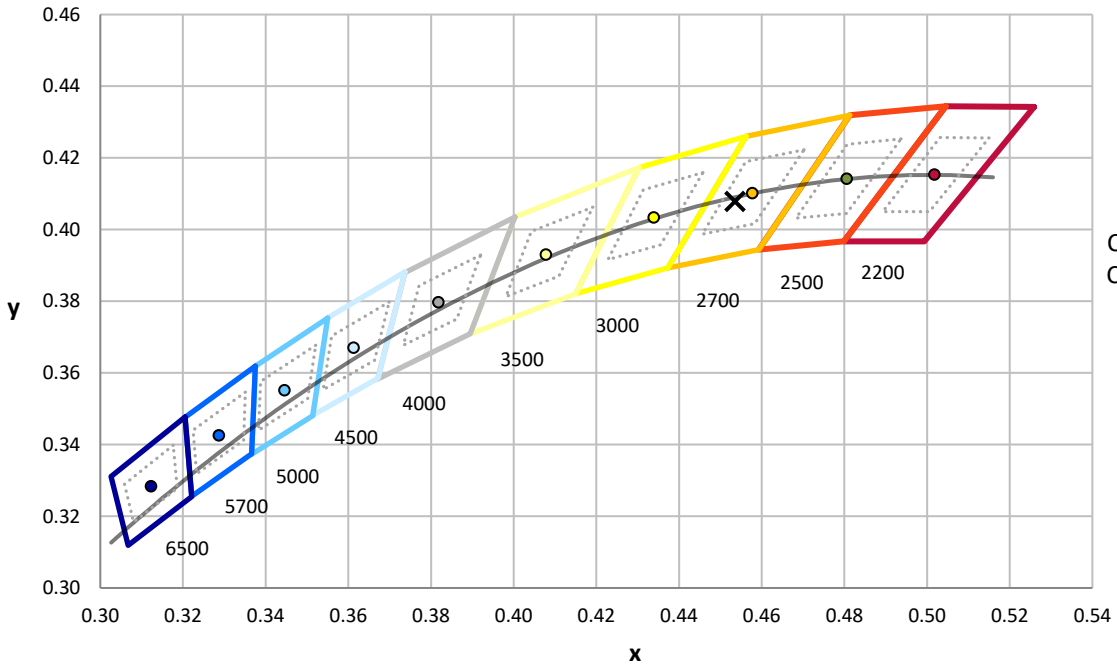
CIE 1931 Chromaticity Diagram



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

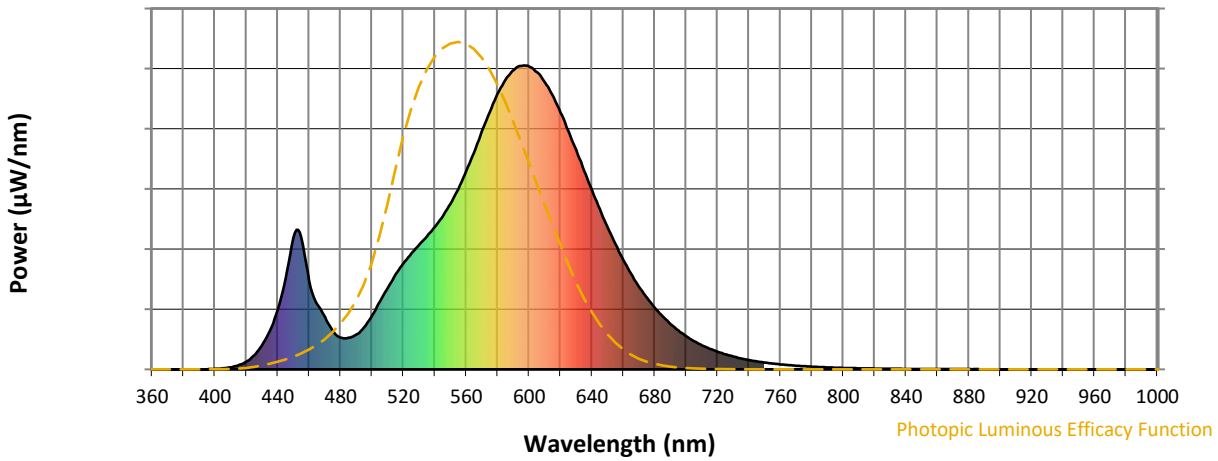


CCT = 2769K
CIE x = 0.4535
CIE y = 0.4078
Duv = -0.0005

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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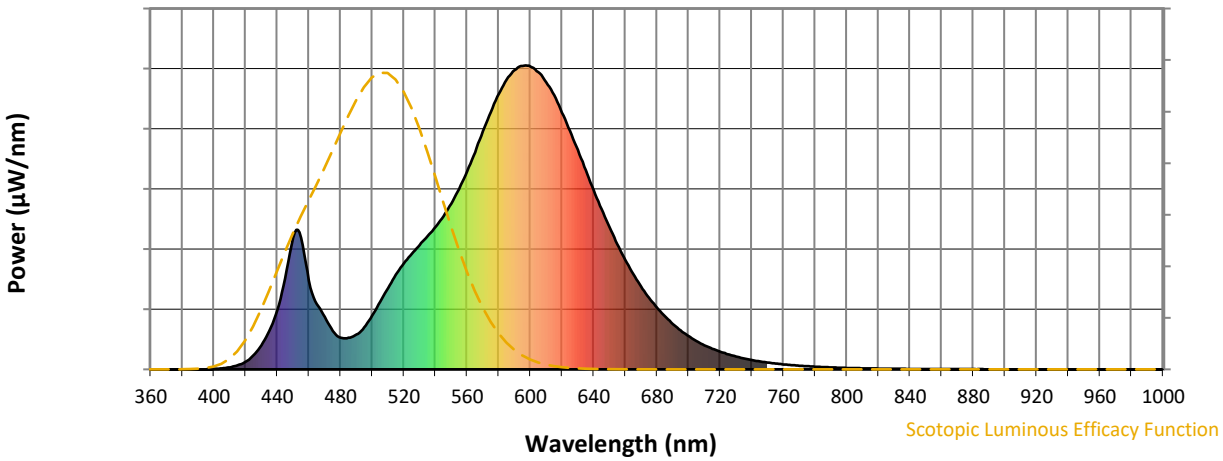
Scotopic Flux vs. Wavelength



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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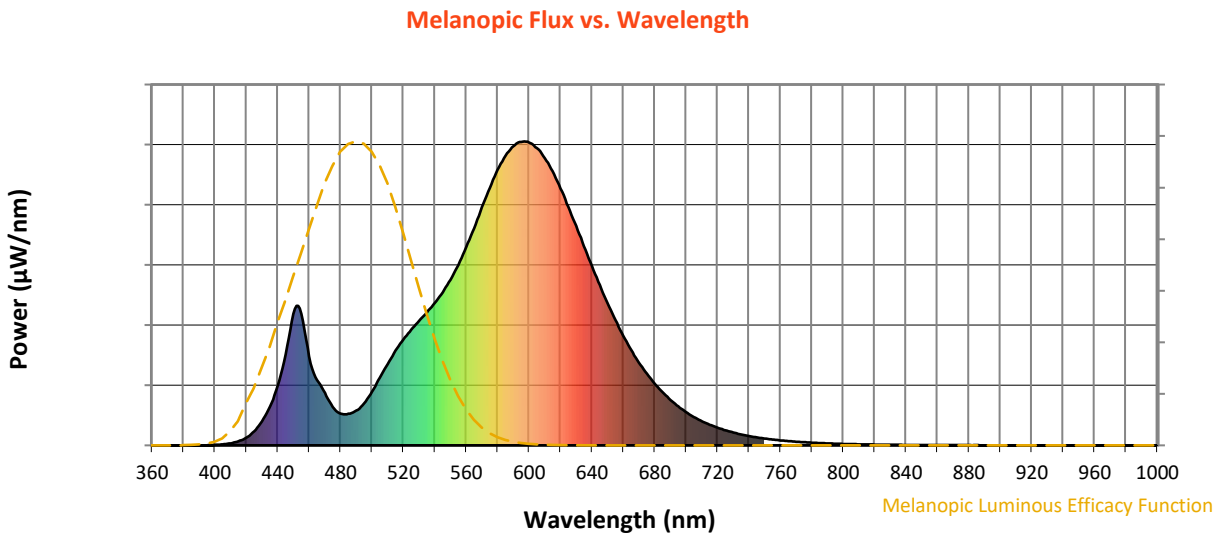

Melanopic Lumens: NR **M/P: 2.08**

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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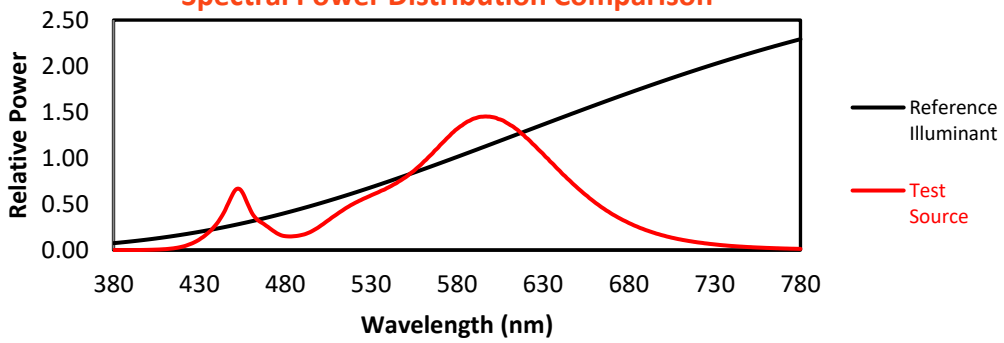
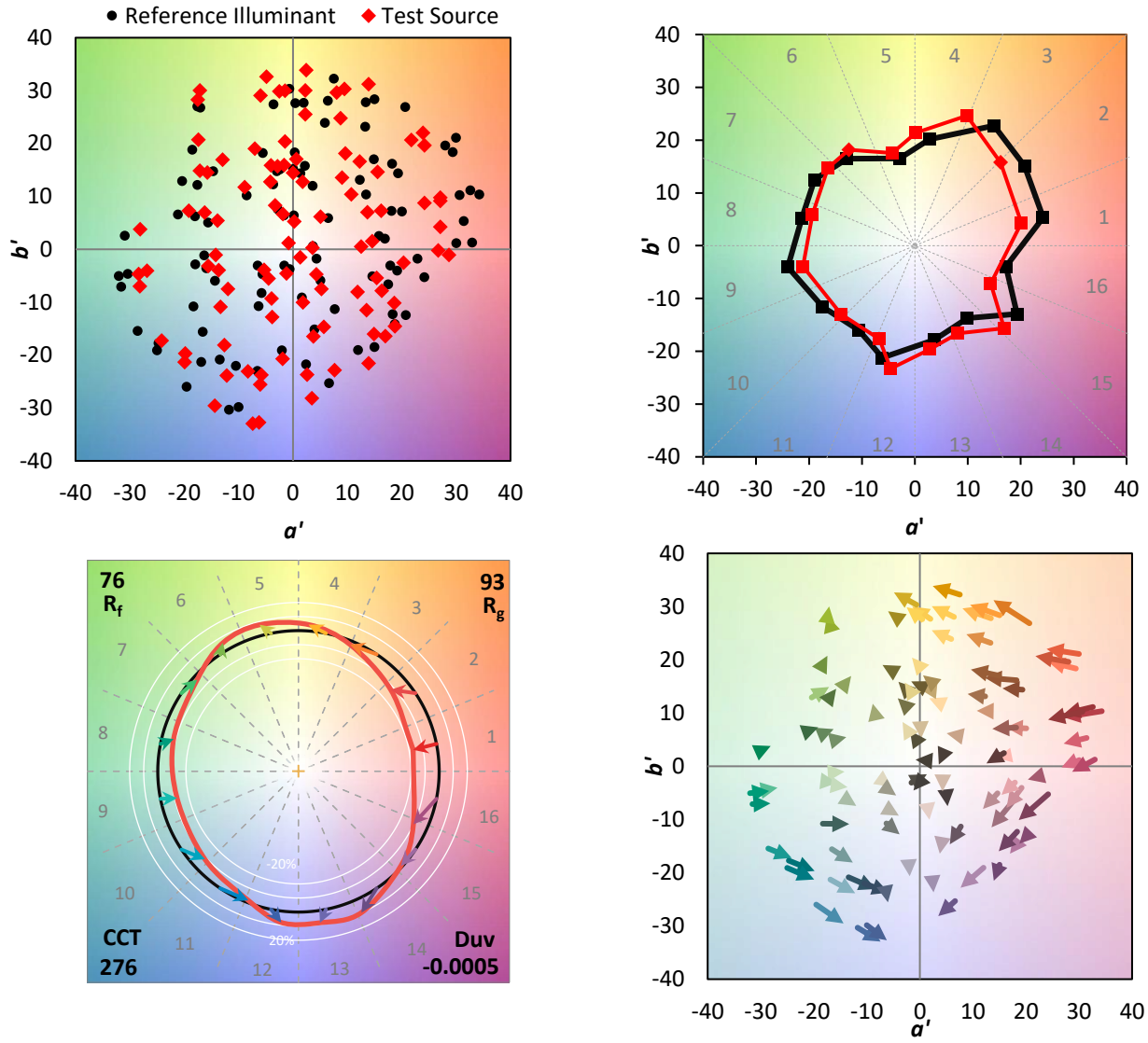
Summary

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

Spectral Power Distribution Comparison

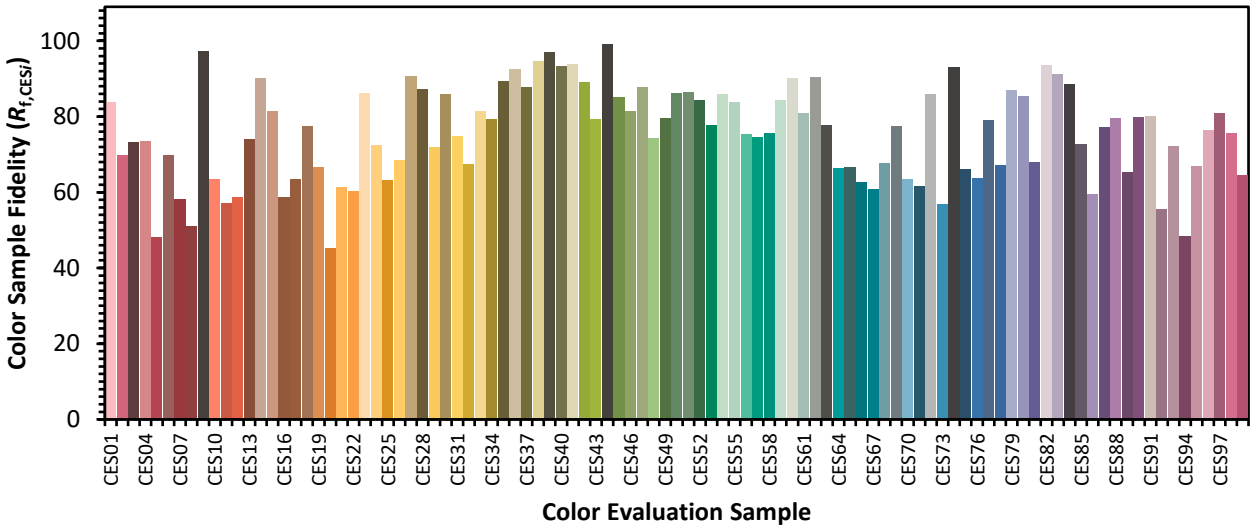


Color Vector Graphics

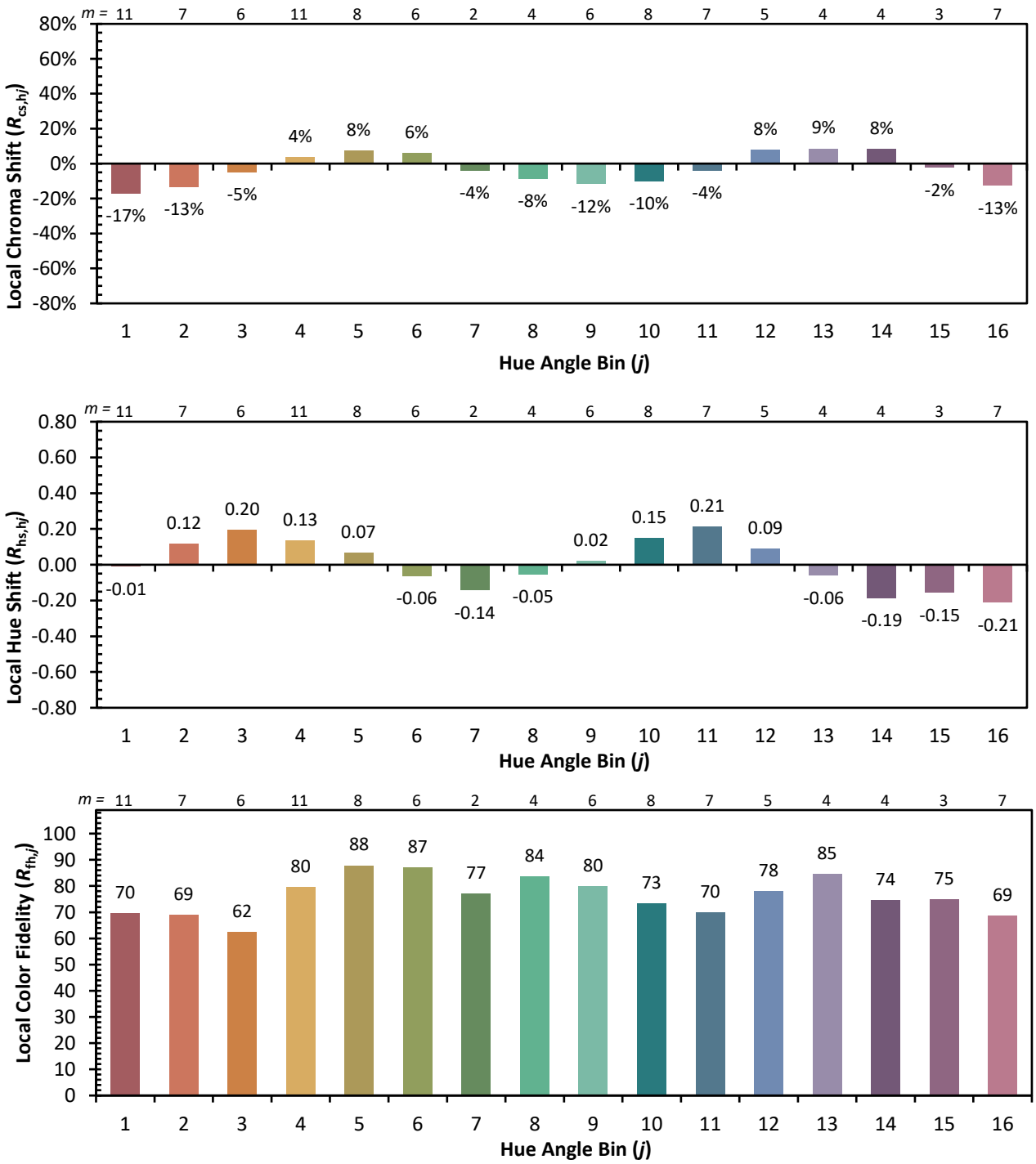


Individual Sample Fidelity Index ($R_{f,i}$)

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	

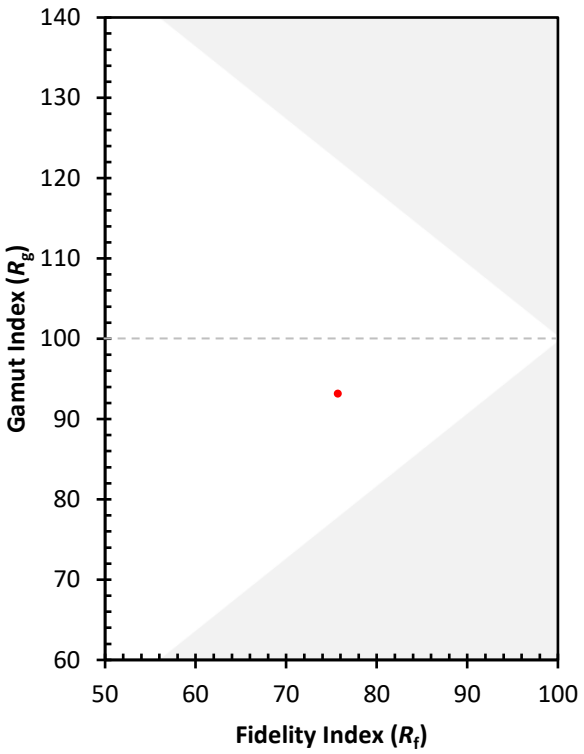


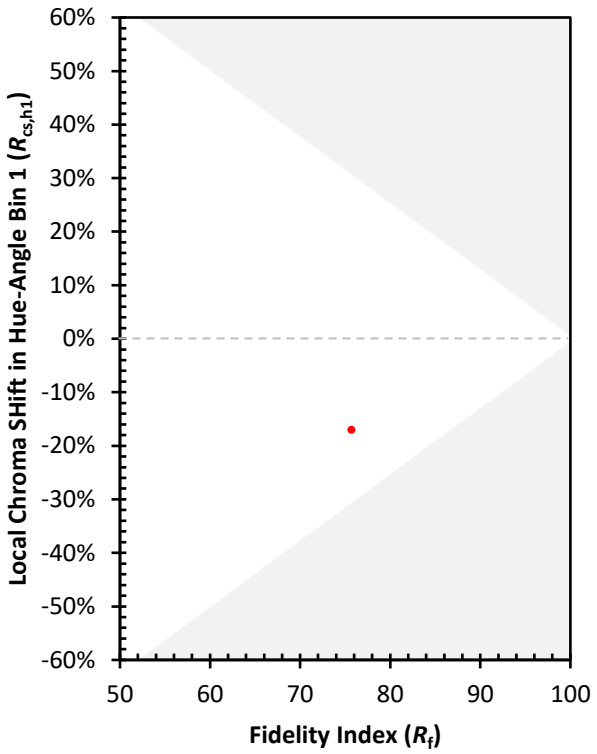
Color Rendition by Hue-Angle Bin



TM-30-18

Measure Comparisons





(END OF REPORT)