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: P1503186

Luminaire Tested: PRV-P-PB2C-727-U-T2RE

Issue Date: 07/22/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1503186
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	7/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-P-PB2C-727-U-T2RE
Description:	PREVAIL PETITE DISCRETE LED 2 SQUARES AT 555MA 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:	9717.7 lumens
Efficiency:	N/A
Efficacy:	131.3 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):	74
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	8.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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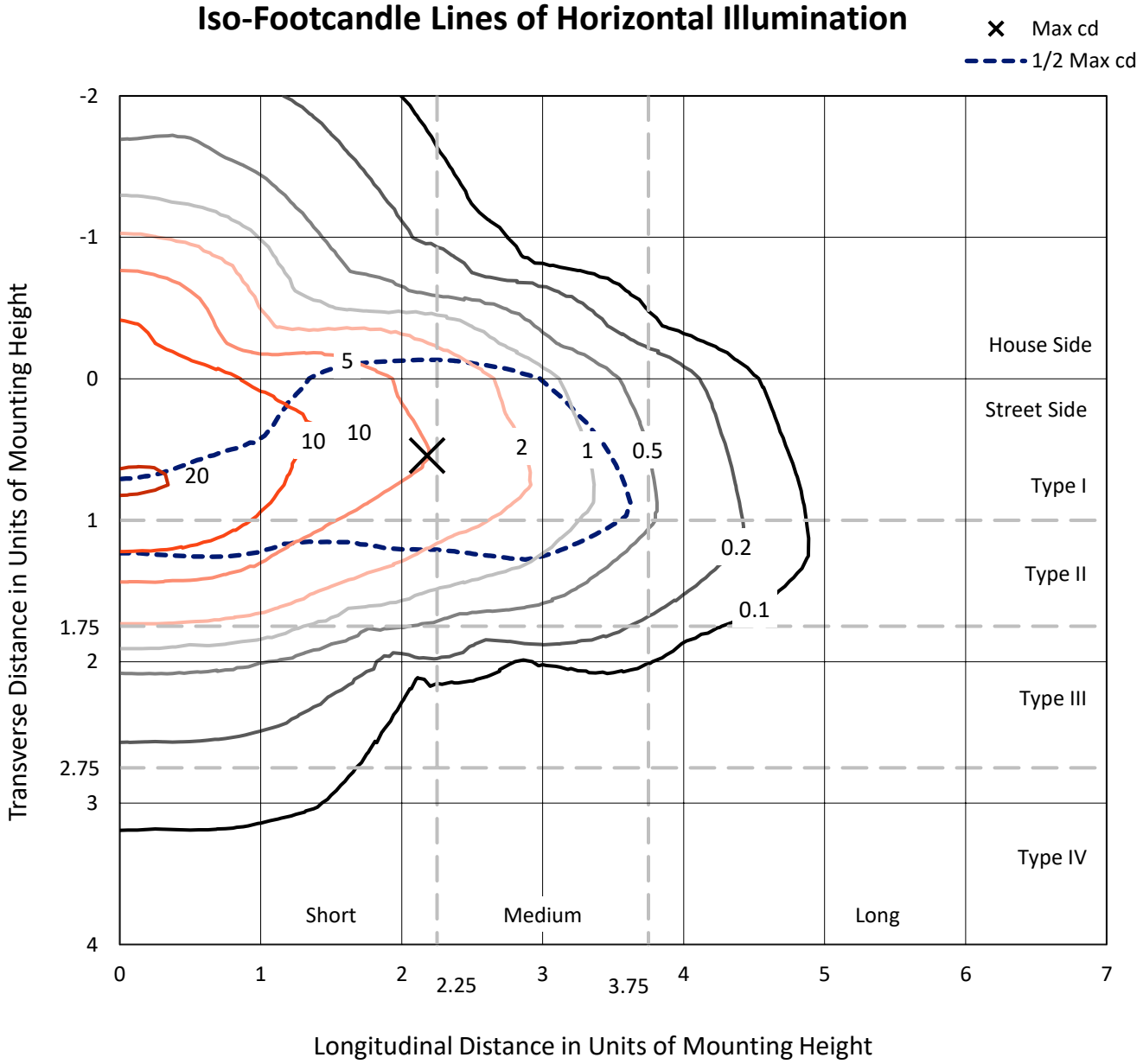
Scaled Data Report

REPORT NUMBER: P1503186
CATALOG NUMBER: PRV-P-PB2C-727-U-T2RE

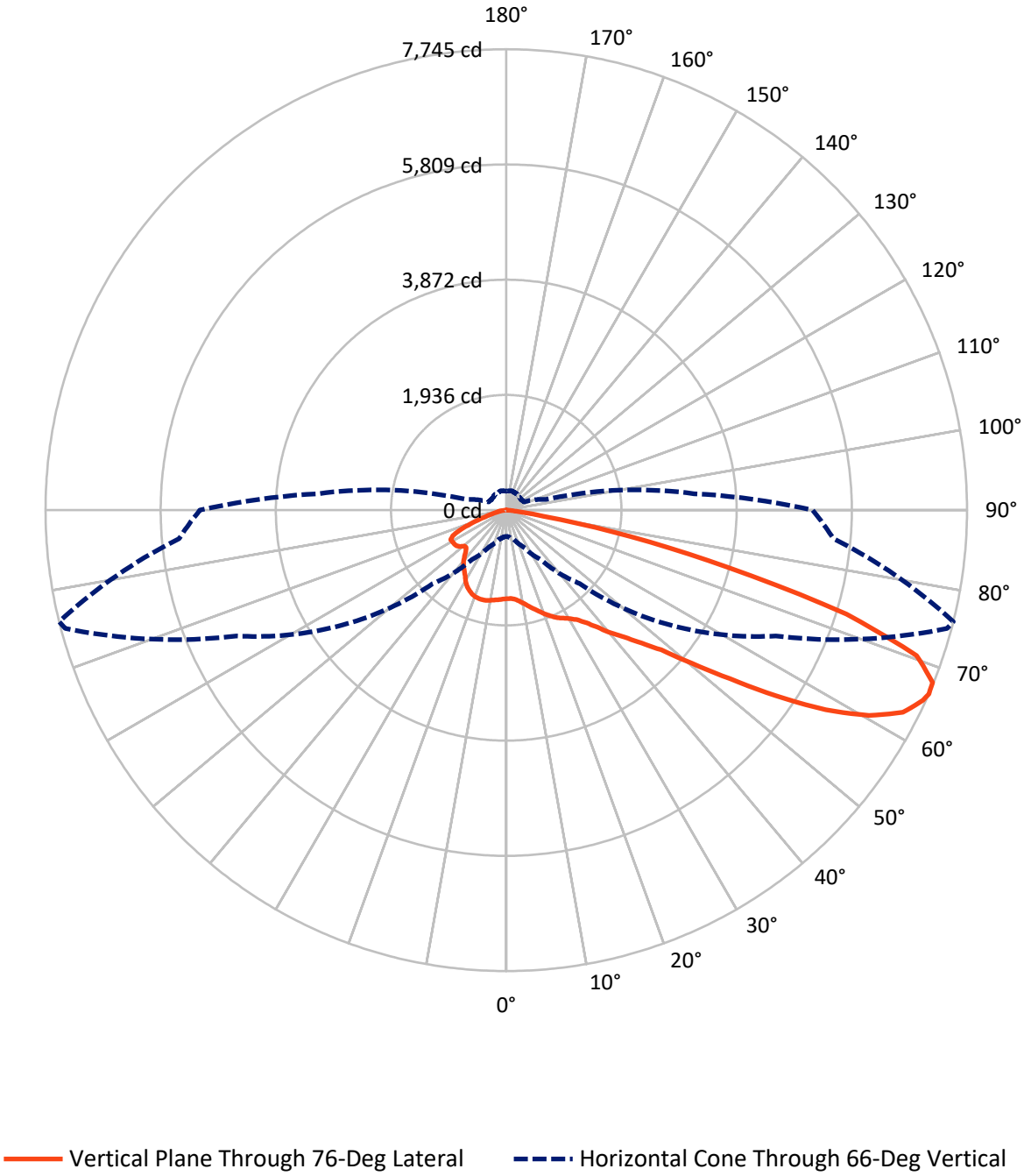
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 20.9 fc
Type II - Short - N/A

REPORT NUMBER: P1503186
CATALOG NUMBER: PRV-P-PB2C-727-U-T2RE

Luminous Intensity Polar Plot



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Scaled Data Report

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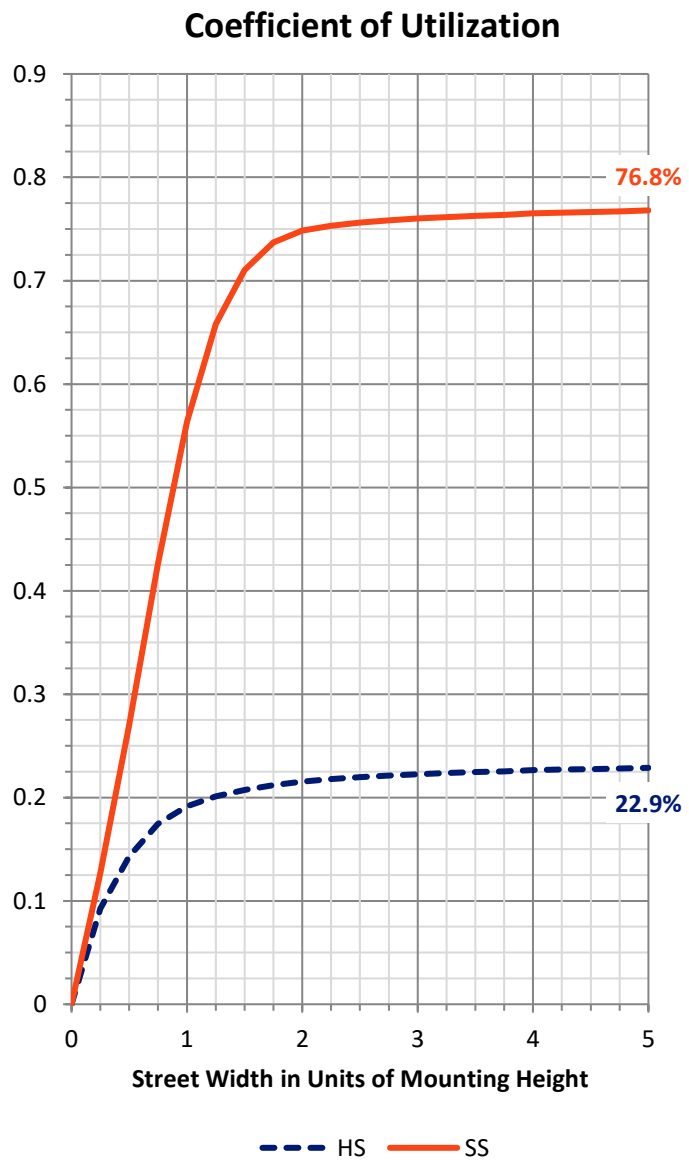
CATALOG NUMBER: PRV-P-PB2C-727-U-T2RE

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2237.3	0.0	2237.3
	% Fixture	23.0	0.0	23.0
Street Side	Lumens	7480.4	0.0	7480.4
	% Fixture	77.0	0.0	77.0
Total	Lumens	9717.7	0.0	9717.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	139.8	1.4
10°-20°	410.8	4.2
20°-30°	781.5	8.0
30°-40°	1360.8	14.0
40°-50°	1972.6	20.3
50°-60°	2264.5	23.3
60°-70°	1891.7	19.5
70°-80°	817.9	8.4
80°-90°	78.1	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°	9717.7	100.0
0°-180°	9717.7	100.0



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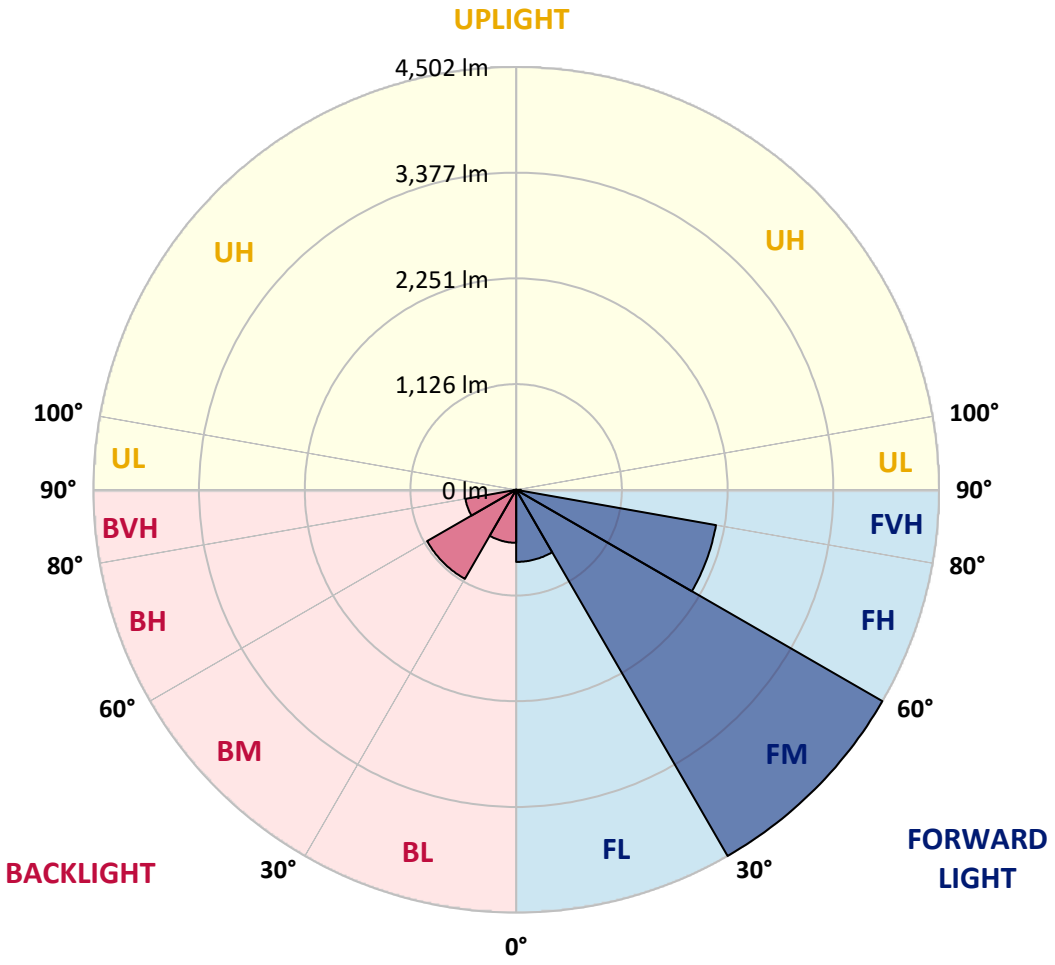
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	767.6	7.9			
FM	(30°-60°)	4502.5	46.3			
FH	(60°-80°)	2160.4	22.2			G2/5000
FVH	(80°-90°)	49.8	0.5			G1/100
BL	(0°-30°)	564.6	5.8	B2/1000		
BM	(30°-60°)	1095.4	11.3	B2/2500		
BH	(60°-80°)	549.1	5.7	B2/1000		G2/1000
BVH	(80°-90°)	28.3	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°	1487.6	1487.6	1487.6	1487.6	1487.6	1487.6	1487.6	1487.6	1487.6	*1487.6*	1487.6
2.5°	1498.0	1502.1	1508.3	1508.3	1508.3	1498.0	1495.9	1489.7	1489.7	*1485.5*	1491.8
5°	1500.1	1504.2	1518.7	1535.3	1545.6	1541.5	1535.3	1516.6	1504.2	*1502.1*	1504.2
7.5°	1367.5	1371.6	1396.5	1431.7	1475.2	1516.6	1562.2	1564.3	1537.3	*1541.5*	1529.1
10°	1286.6	1284.6	1297.0	1319.8	1377.8	1452.4	1531.1	1595.4	1593.3	*1591.2*	1574.6
12.5°	1328.1	1328.1	1330.2	1338.4	1352.9	1390.2	1500.1	1605.7	1649.2	*1651.3*	1628.5
15°	1425.5	1423.4	1421.3	1425.5	1417.2	1415.1	1475.2	1607.8	1717.6	*1717.6*	1703.1
17.5°	1524.9	1524.9	1533.2	1541.5	1539.4	1506.3	1508.3	1626.4	1783.9	*1786.0*	1779.8
20°	1672.0	1665.8	1674.1	1684.5	1680.3	1647.2	1597.4	1657.5	1854.3	*1864.7*	1868.9
22.5°	1846.1	1835.7	1846.1	1852.3	1850.2	1796.3	1736.2	1715.5	1916.5	*1933.1*	1968.3
25°	2065.7	2053.2	2076.0	2084.3	2067.8	2005.6	1904.1	1804.6	1978.7	*2003.5*	2057.4
27.5°	2382.7	2370.2	2386.8	2401.3	2364.0	2256.3	2107.1	1920.6	2032.5	*2055.3*	2136.1
30°	2840.6	2867.5	2805.3	2774.3	2710.0	2552.6	2351.6	2071.9	2090.5	*2113.3*	2206.6
32.5°	3373.0	3375.1	3327.5	3172.1	3074.7	2892.4	2637.5	2283.2	2179.6	*2196.2*	2272.9
35°	3820.6	3810.2	3764.6	3669.3	3470.4	3254.9	2948.3	2521.5	2301.9	*2324.7*	2355.7
37.5°	4162.4	4156.2	4156.2	4069.2	3895.2	3625.8	3277.7	2803.3	2484.2	*2498.7*	2471.8
40°	4442.1	4433.9	4458.7	4435.9	4303.3	3994.6	3584.4	3047.8	2697.6	*2714.2*	2591.9
42.5°	4684.6	4670.1	4699.1	4711.5	4634.8	4361.3	3903.5	3310.9	2913.1	*2915.2*	2732.8
45°	4922.8	4920.8	4953.9	4972.6	4914.5	4639.0	4181.1	3615.5	3170.0	*3186.6*	2919.3
47.5°	4732.2	4748.8	4891.7	5067.9	5142.4	4902.1	4452.5	3909.7	3509.8	*3503.6*	3149.3
50°	4127.2	4195.6	4473.2	4833.7	5142.4	5098.9	4701.1	4243.2	3980.1	*4042.3*	3553.3
52.5°	3329.5	3308.8	3717.0	4284.7	4858.6	5065.8	4931.1	4618.3	4657.6	*4705.3*	3988.4
55°	2600.2	2645.8	2958.7	3590.6	4232.9	4750.9	5030.6	5040.9	5442.9	*5500.9*	4406.9
57.5°	2208.6	2250.1	2492.5	3066.4	3588.5	4160.4	4910.4	5486.4	6242.6	*6331.7*	4808.9
60°	1595.4	1616.1	1891.6	2449.0	3153.4	3429.0	4545.7	5745.4	6984.4	*7005.1*	5169.4
62.5°	911.6	940.6	1102.2	1616.1	2424.1	2960.7	4013.3	5710.1	7460.9	*7483.7*	5496.7
65°	497.3	518.0	617.4	878.5	1390.2	2295.7	3509.8	5268.8	7651.5	*7699.2*	5587.9
66°	*441.3*	*449.6*	*513.8*	*679.6*	*1015.2*	*1744.5*	*3366.8*	*5001.6*	*7674.3*	*7744.7*	*5521.6*
67.5°	424.7	424.7	460.0	549.1	673.4	1160.3	3002.2	4657.6	7630.8	*7730.2*	5355.9
70°	412.3	414.4	443.4	466.2	437.2	399.9	1858.5	4199.7	7114.9	*7317.9*	4949.8
72.5°	377.1	377.1	416.5	439.2	356.4	250.7	725.2	3547.1	5830.3	*5979.5*	4131.4
75°	312.9	317.0	356.4	391.6	329.4	205.1	217.5	2028.4	3799.9	*3843.4*	2786.7
77.5°	242.4	248.6	294.2	308.7	298.4	188.5	176.1	787.3	2080.2	*2129.9*	1303.2
80°	174.0	180.3	223.8	244.5	238.3	182.3	151.2	246.6	665.1	*627.8*	399.9
82.5°	109.8	109.8	136.7	176.1	163.7	157.5	124.3	149.2	194.8	*192.7*	138.8
85°	39.4	43.5	62.2	78.7	74.6	82.9	72.5	82.9	91.2	*87.0*	53.9
87.5°	2.1	2.1	2.1	4.1	4.1	8.3	8.3	10.4	8.3	*10.4*	10.4
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: P1503186
CATALOG NUMBER: PRV-P-PB2C-727-U-T2RE

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1487.6	1487.6	1487.6	1487.6	1487.6	1487.6	1487.6	1487.6	1487.6	1487.6	1487.6
2.5°	1491.8	1491.8	1495.9	1500.1	1504.2	1495.9	1493.8	1493.8	1485.5	1487.6	1491.8
5°	1504.2	1504.2	1508.3	1504.2	1489.7	1466.9	1452.4	1444.1	1425.5	1427.5	1427.5
7.5°	1527.0	1527.0	1518.7	1489.7	1456.5	1415.1	1388.2	1373.7	1348.8	1352.9	1352.9
10°	1568.4	1562.2	1531.1	1469.0	1406.8	1352.9	1323.9	1303.2	1288.7	1282.5	1284.6
12.5°	1628.5	1618.2	1543.6	1435.8	1346.7	1294.9	1272.1	1257.6	1249.4	1245.2	1247.3
15°	1699.0	1680.3	1543.6	1390.2	1290.8	1243.1	1226.6	1232.8	1243.1	1247.3	1251.4
17.5°	1777.7	1746.6	1533.2	1342.6	1234.9	1201.7	1216.2	1239.0	1259.7	1268.0	1270.1
20°	1862.6	1806.7	1518.7	1286.6	1191.3	1193.4	1226.6	1253.5	1270.1	1276.3	1278.4
22.5°	1947.6	1854.3	1487.6	1222.4	1172.7	1197.6	1230.7	1253.5	1263.9	1268.0	1270.1
25°	2018.0	1881.3	1442.0	1178.9	1164.4	1197.6	1224.5	1241.1	1251.4	1257.6	1259.7
27.5°	2080.2	1887.5	1396.5	1145.8	1158.2	1191.3	1212.1	1228.6	1241.1	1245.2	1247.3
30°	2119.6	1870.9	1330.2	1118.8	1147.8	1176.8	1197.6	1212.1	1222.4	1228.6	1230.7
32.5°	2150.6	1856.4	1241.1	1087.7	1127.1	1160.3	1178.9	1187.2	1191.3	1195.5	1195.5
35°	2181.7	1854.3	1172.7	1048.4	1098.1	1137.5	1143.7	1135.4	1129.2	1118.8	1120.9
37.5°	2214.9	1866.8	1118.8	1000.7	1050.5	1089.8	1081.5	1054.6	1029.7	996.6	988.3
40°	2258.4	1873.0	1046.3	934.4	986.2	1009.0	984.2	934.4	868.1	839.1	839.1
42.5°	2326.7	1910.3	951.0	857.8	888.8	909.6	884.7	799.8	741.7	716.9	718.9
45°	2471.8	2001.5	857.8	774.9	787.3	808.0	758.3	675.4	636.1	619.5	611.2
47.5°	2720.4	2152.7	783.2	692.0	679.6	698.2	638.1	580.1	538.7	501.4	499.3
50°	3172.1	2467.6	756.2	605.0	586.3	617.4	559.4	518.0	470.3	451.7	449.6
52.5°	3671.4	2859.2	785.2	532.5	524.2	551.1	522.1	470.3	437.2	433.0	433.0
55°	4129.3	3228.0	787.3	489.0	489.0	501.4	474.5	437.2	439.2	435.1	428.9
57.5°	4541.6	3422.8	777.0	466.2	455.8	460.0	445.5	420.6	457.9	408.2	395.7
60°	4943.5	3433.1	781.1	445.5	410.2	406.1	418.5	399.9	437.2	377.1	370.9
62.5°	5173.5	3346.1	803.9	406.1	360.5	350.2	366.7	360.5	389.5	358.4	356.4
65°	5192.2	3244.6	741.7	350.2	325.3	317.0	335.6	333.6	346.0	339.8	341.9
66°	*5148.7*	*3167.9*	*687.9*	*329.4*	*306.6*	*308.7*	*325.3*	*325.3*	*337.7*	*321.1*	*319.1*
67.5°	4989.1	3006.3	578.1	296.3	281.8	294.2	310.8	312.9	319.1	304.6	306.6
70°	4409.0	2370.2	397.8	261.1	259.0	273.5	281.8	290.1	296.3	308.7	312.9
72.5°	3387.6	1460.7	273.5	236.2	238.3	252.8	254.8	269.3	308.7	323.2	310.8
75°	2088.5	741.7	211.3	201.0	213.4	225.8	230.0	242.4	312.9	304.6	267.3
77.5°	1011.1	339.8	167.8	167.8	176.1	190.6	192.7	203.0	281.8	221.7	194.8
80°	312.9	178.2	132.6	132.6	136.7	138.8	149.2	161.6	186.5	118.1	120.2
82.5°	128.5	120.2	101.5	95.3	84.9	84.9	84.9	105.7	95.3	49.7	18.6
85°	58.0	49.7	47.7	39.4	37.3	33.2	33.2	51.8	37.3	12.4	0.0
87.5°	6.2	6.2	6.2	6.2	4.1	2.1	2.1	2.1	2.1	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

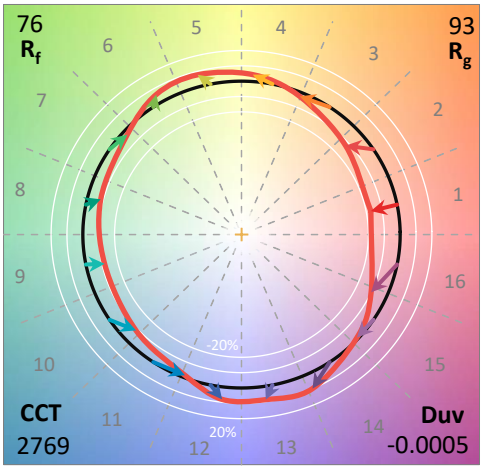
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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

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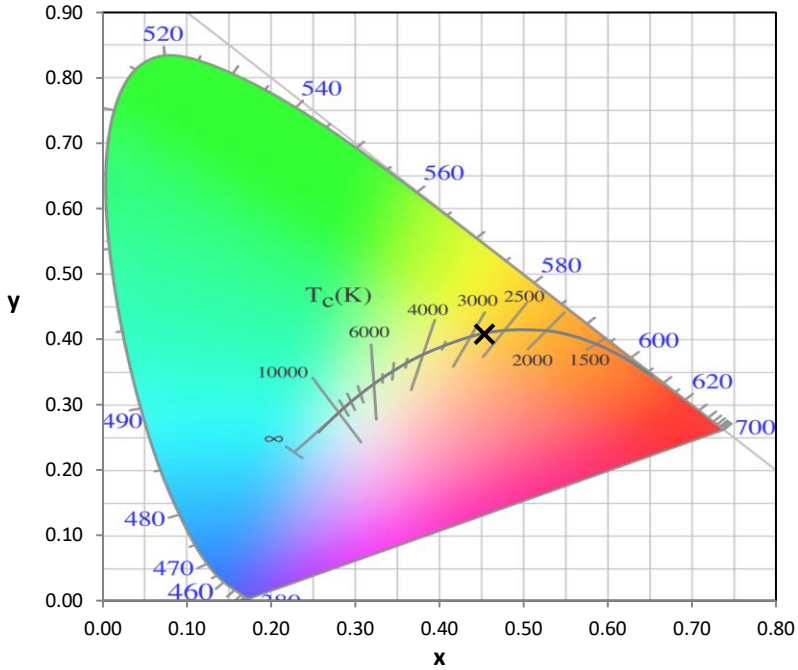
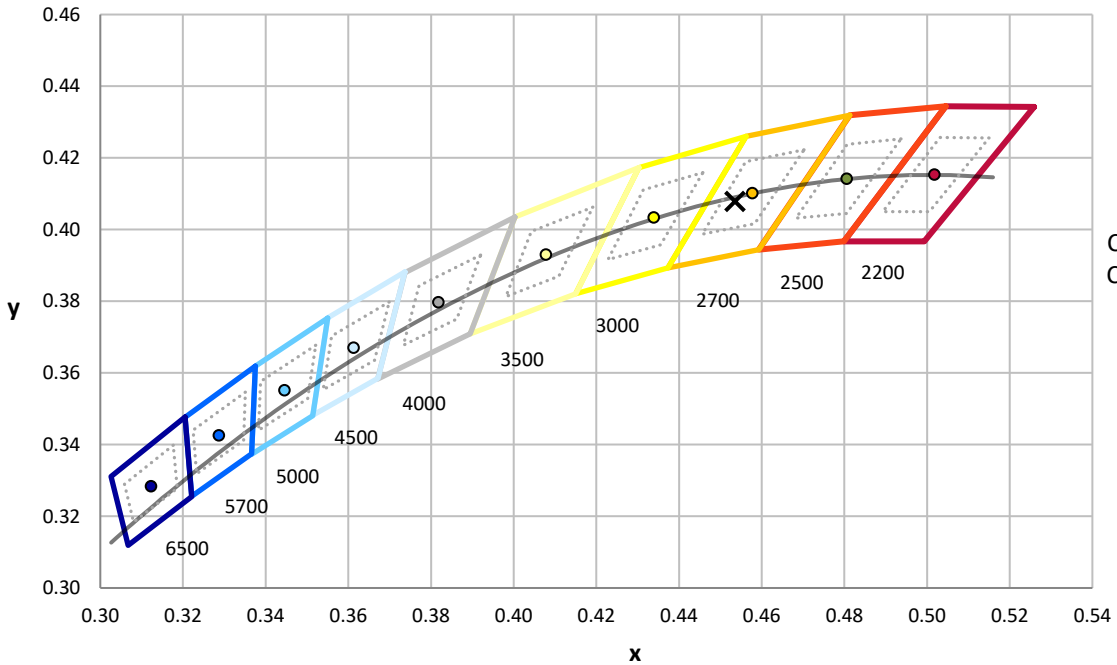
CIE 1931 Chromaticity Diagram



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

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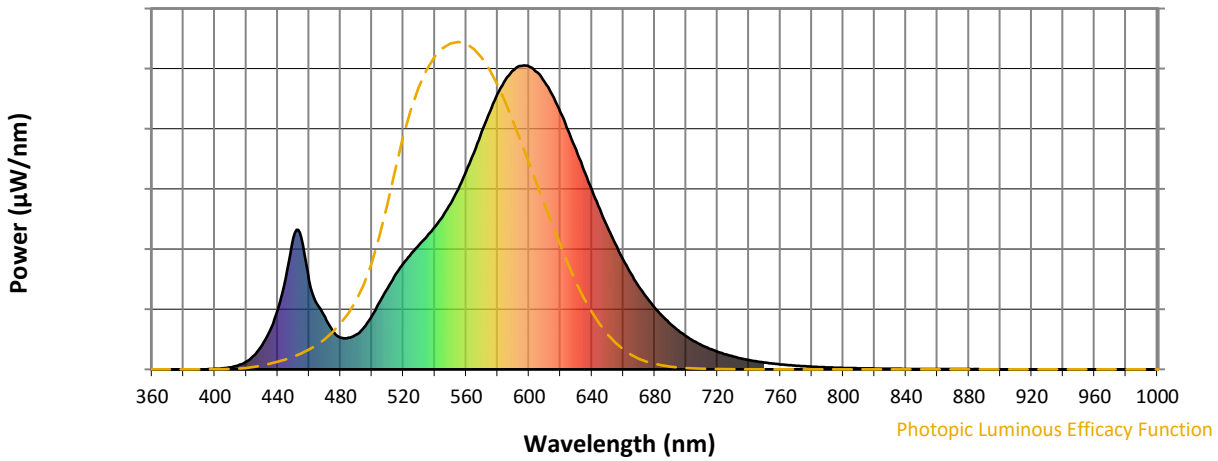
Photopic Flux vs. Wavelength



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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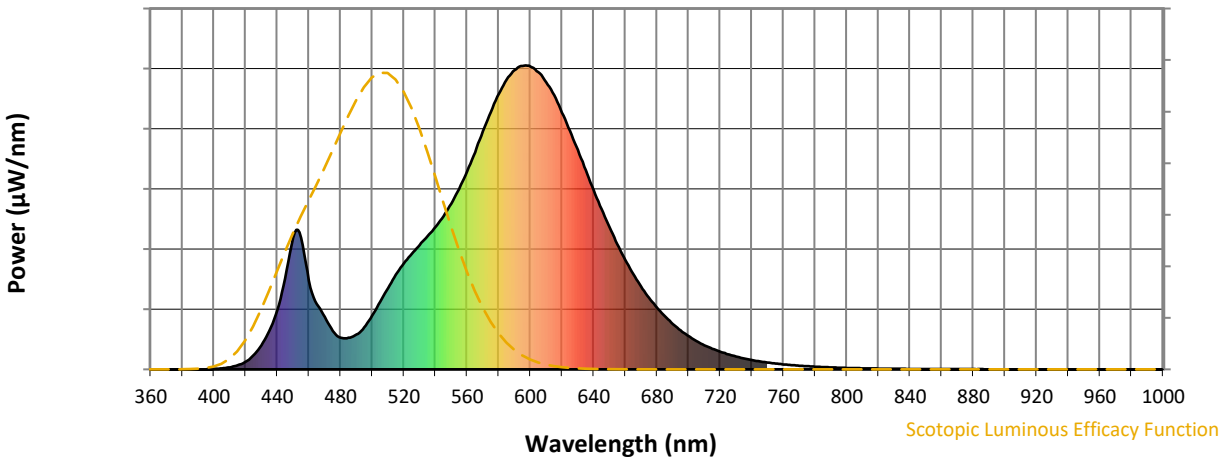
Scotopic Flux vs. Wavelength



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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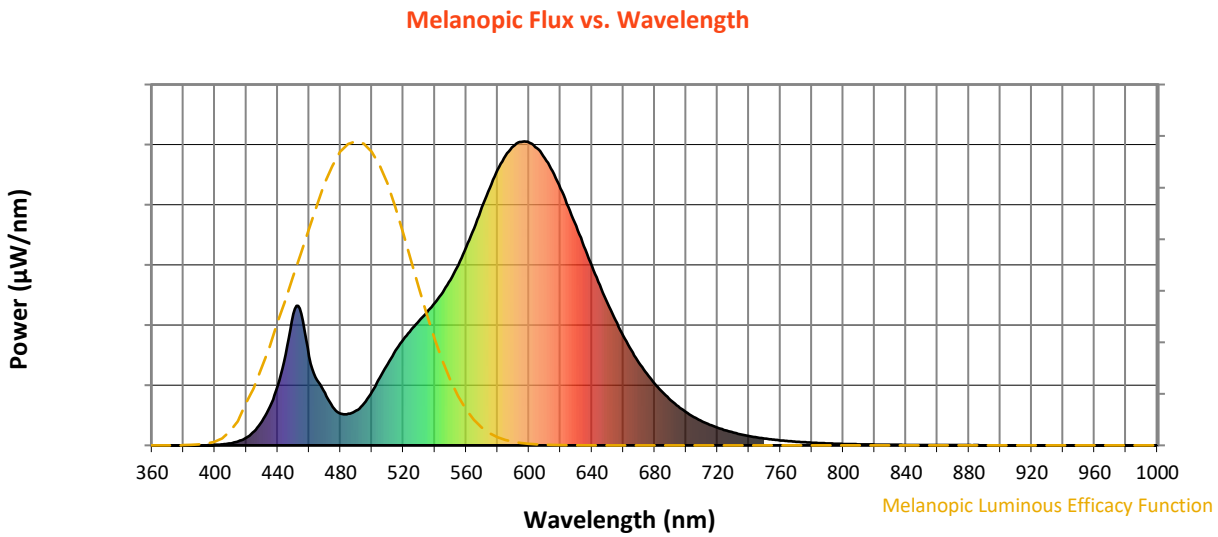

Melanopic Lumens: NR **M/P: 2.08**

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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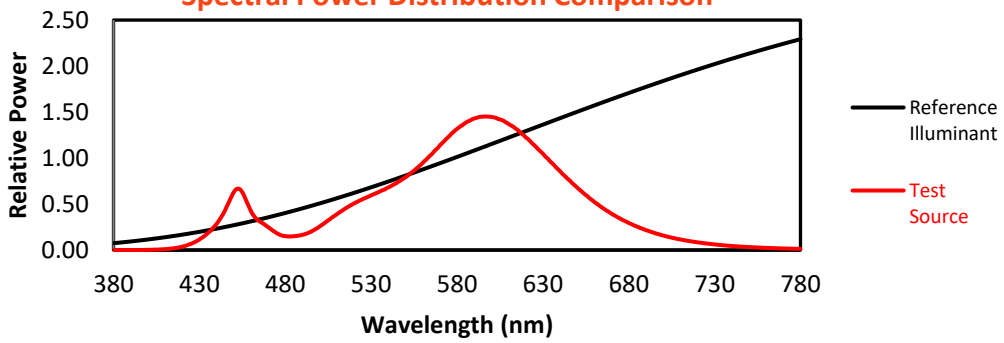
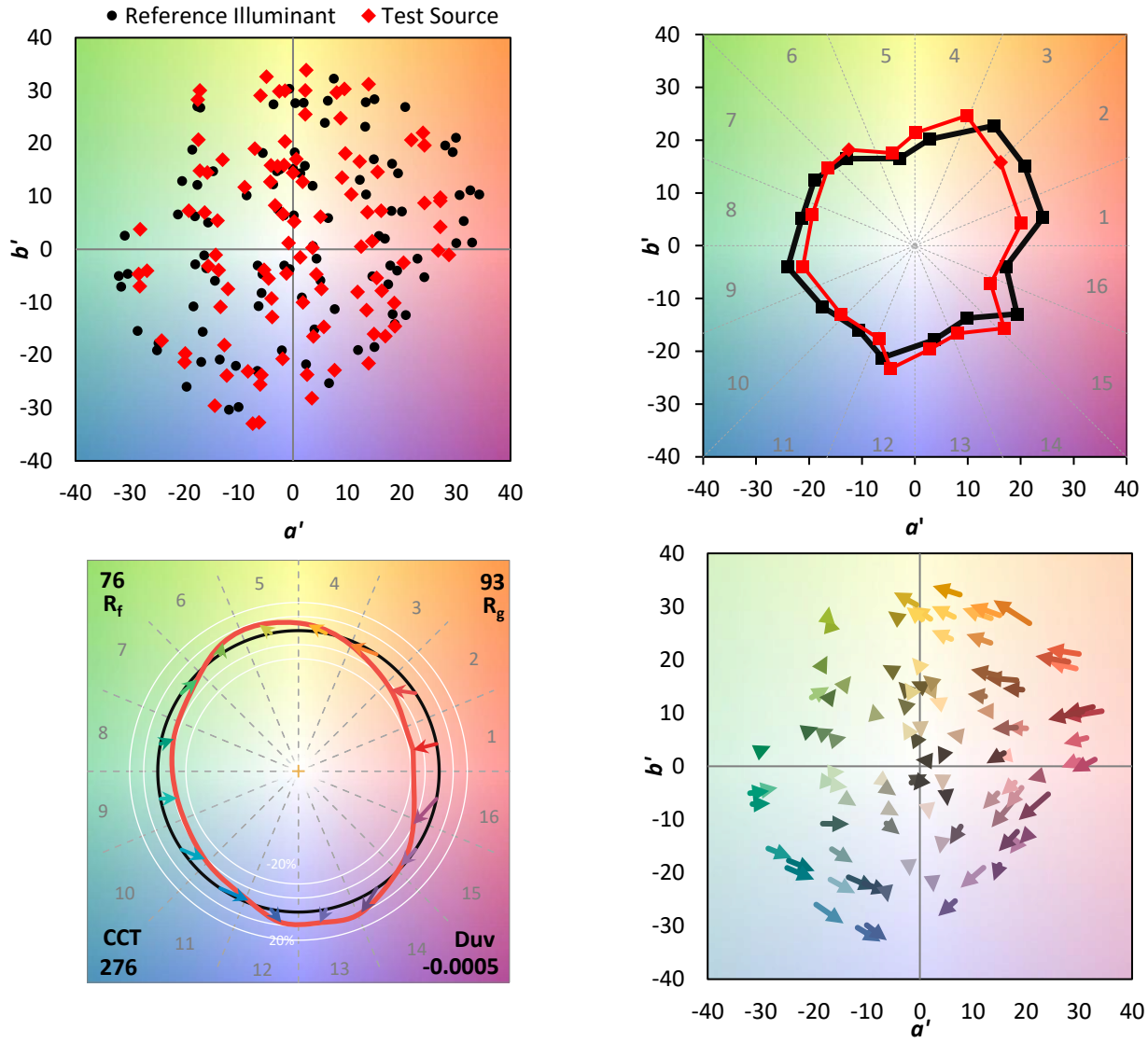
Summary

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

Spectral Power Distribution Comparison

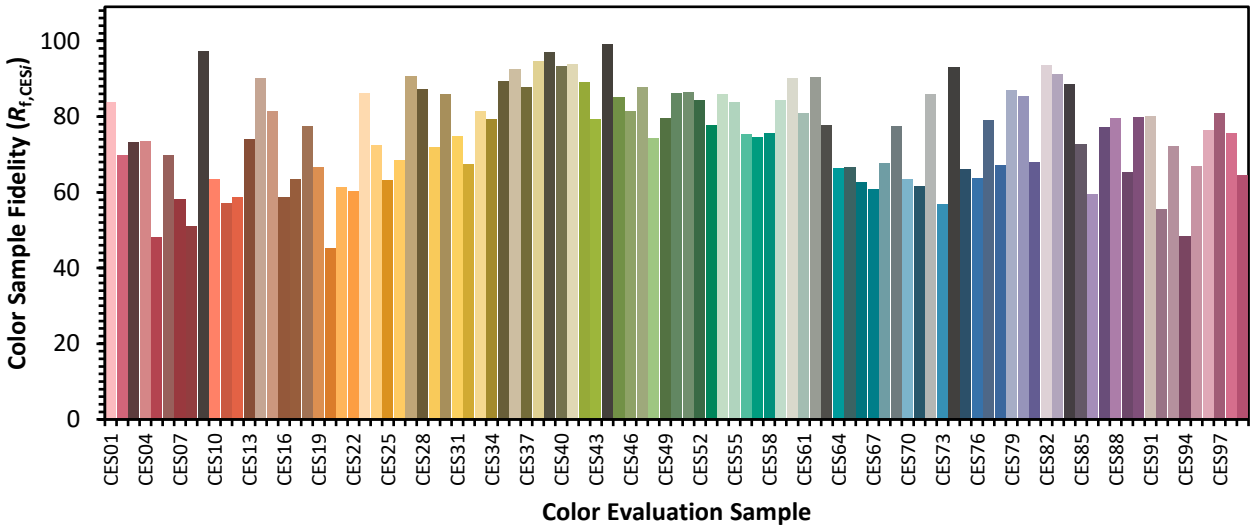


Color Vector Graphics

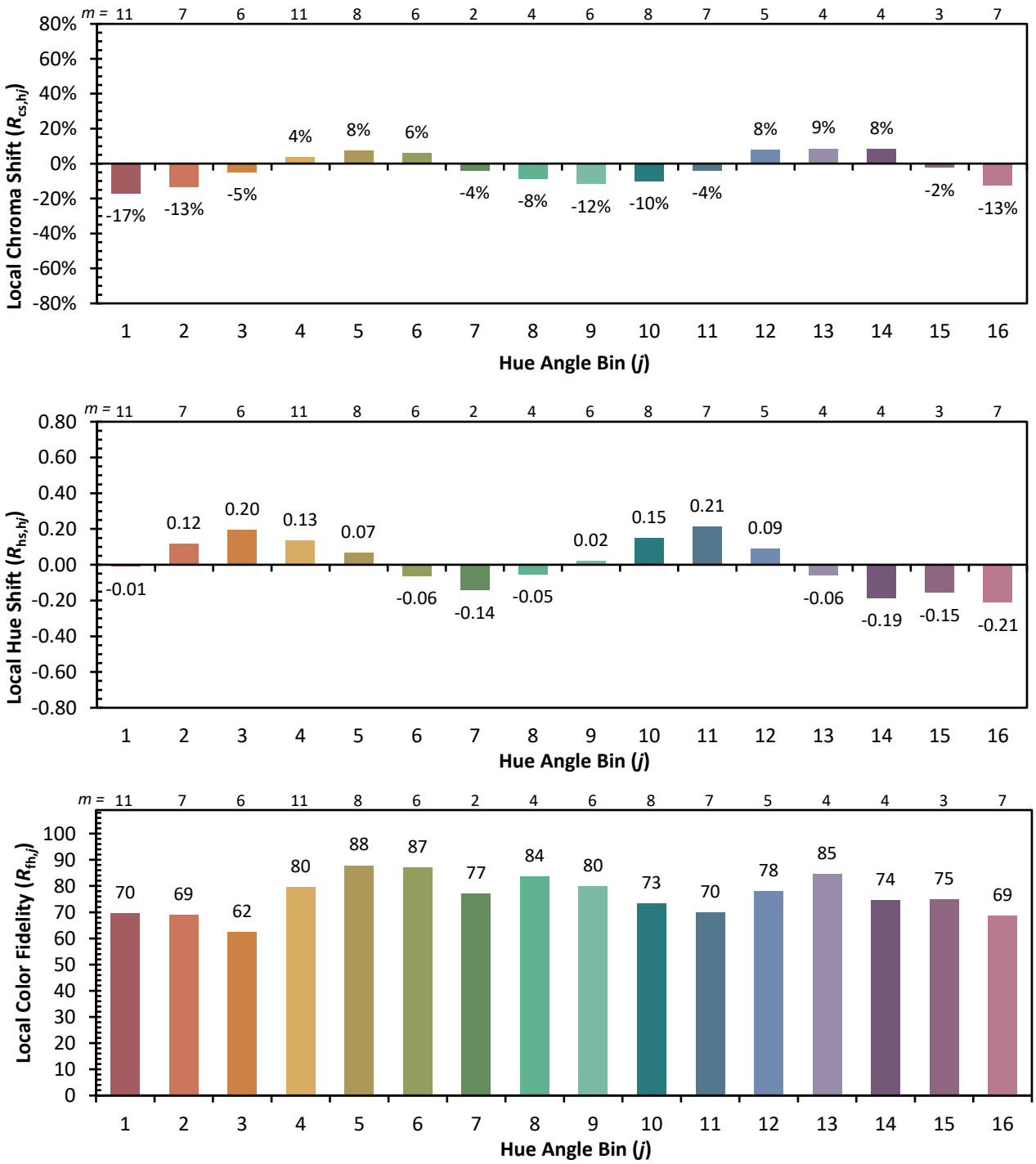


Individual Sample Fidelity Index ($R_{f,i}$)

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



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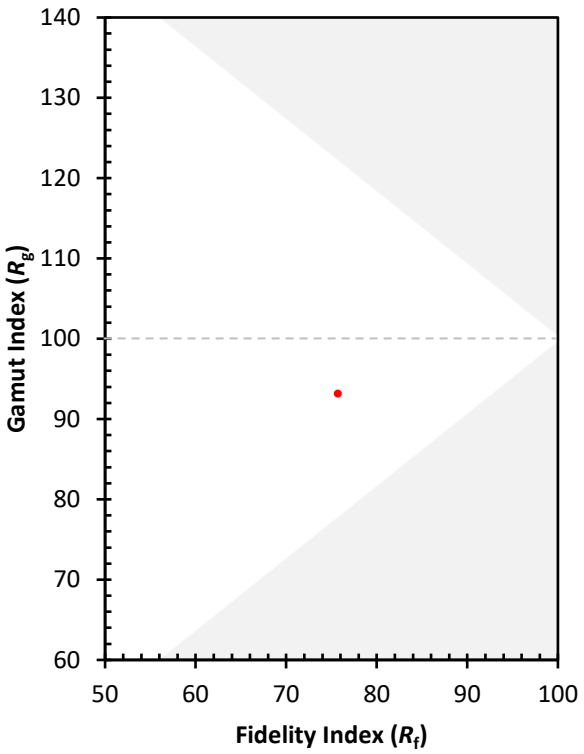
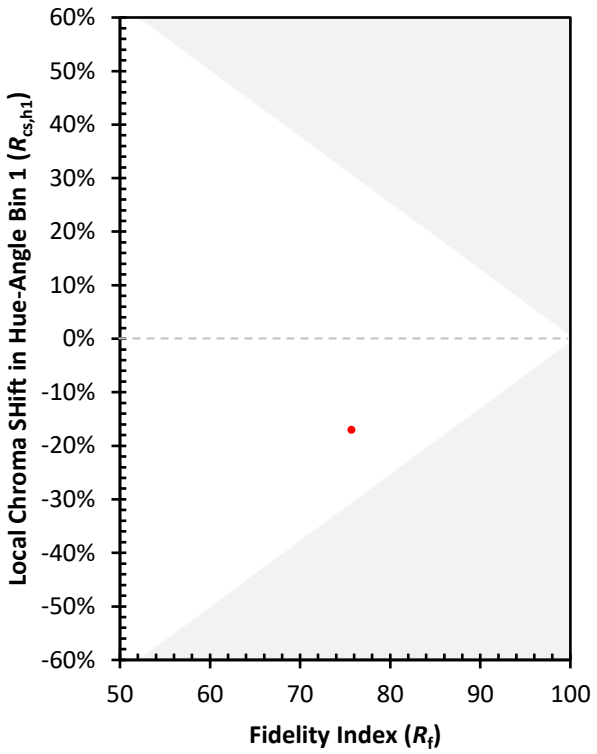
Measure Comparisons





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