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: P1460971

Luminaire Tested: PRV-PC1C-727-U-T3RE

Issue Date: 06/10/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1460971
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/10/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-PC1C-727-U-T3RE
Description:	PREVAIL DISCRETE LED 1 SQUARE AT 880MA 70CRI 2700K FIXTURE w/ TYPE III ROADWAY ILLUMINANCE DISTRIBUTION OPTIC
Light Source:	(40) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15438.7 lumens
Efficiency:	N/A
Efficacy:	139.1 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2
Input Watts (W):	111
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	2.87%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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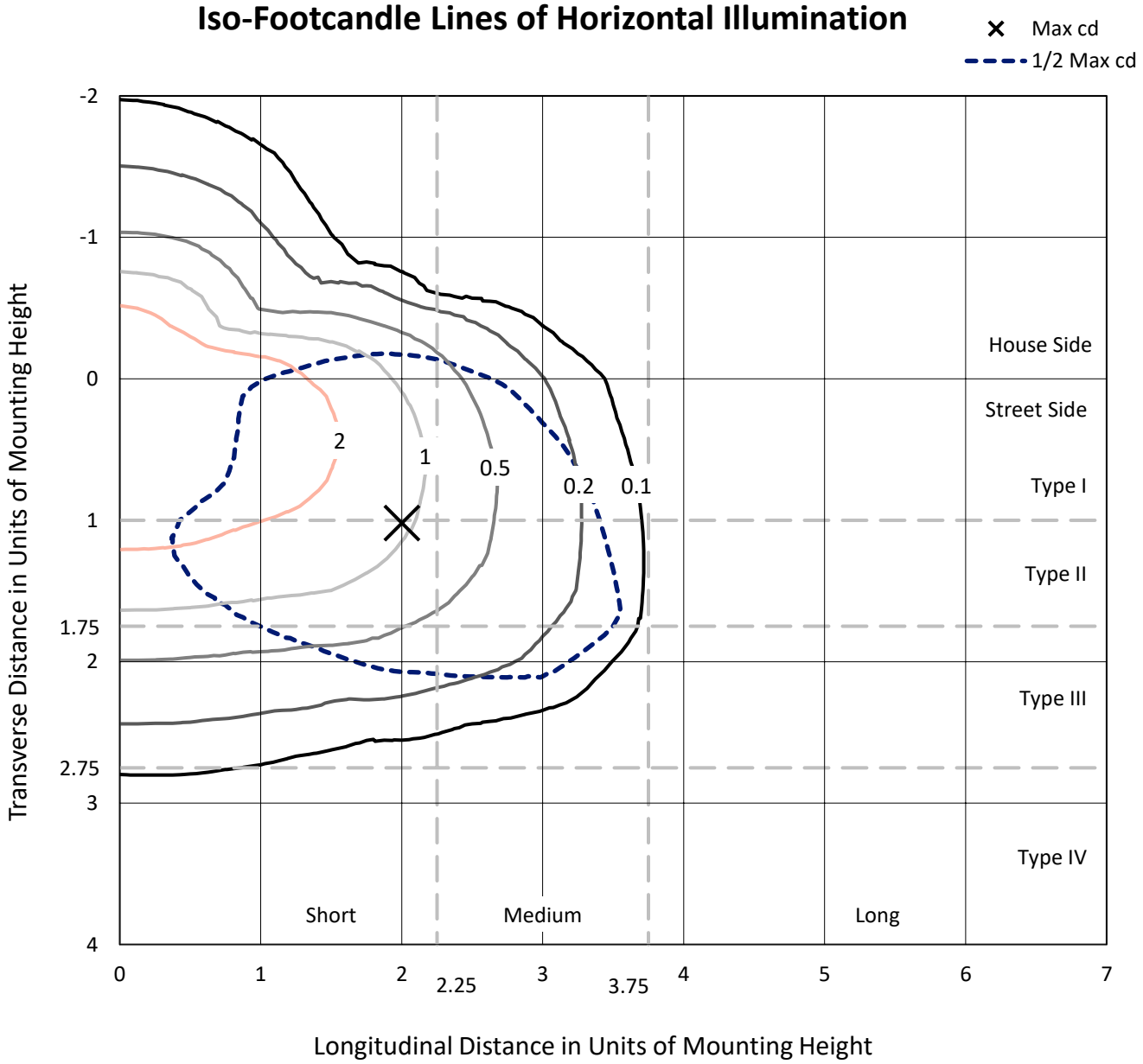
Scaled Data Report

REPORT NUMBER: P1460971
CATALOG NUMBER: PRV-PC1C-727-U-T3RE

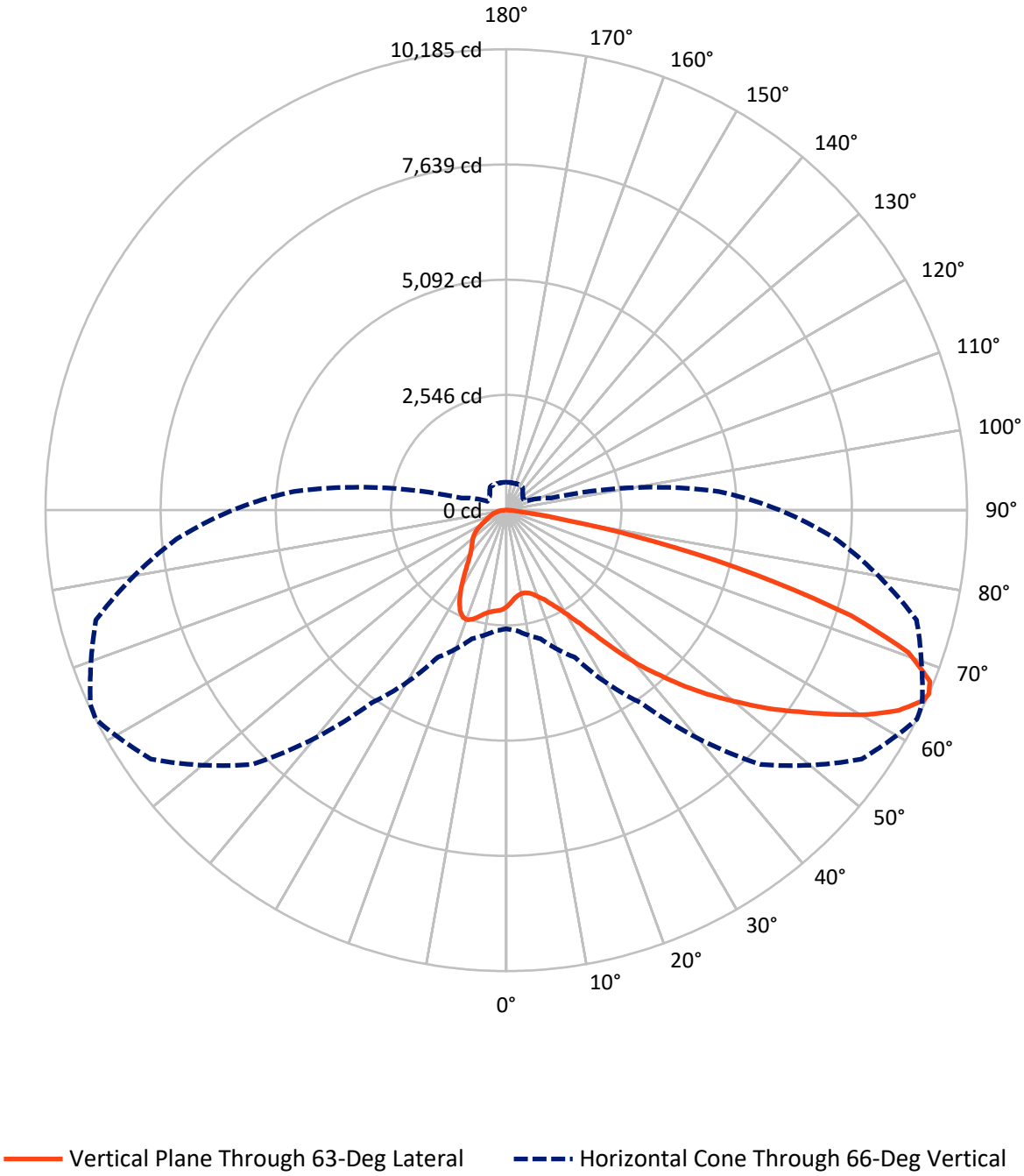
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 3.6 fc
Type III - Short - N/A

REPORT NUMBER: P1460971
CATALOG NUMBER: PRV-PC1C-727-U-T3RE

Luminous Intensity Polar Plot



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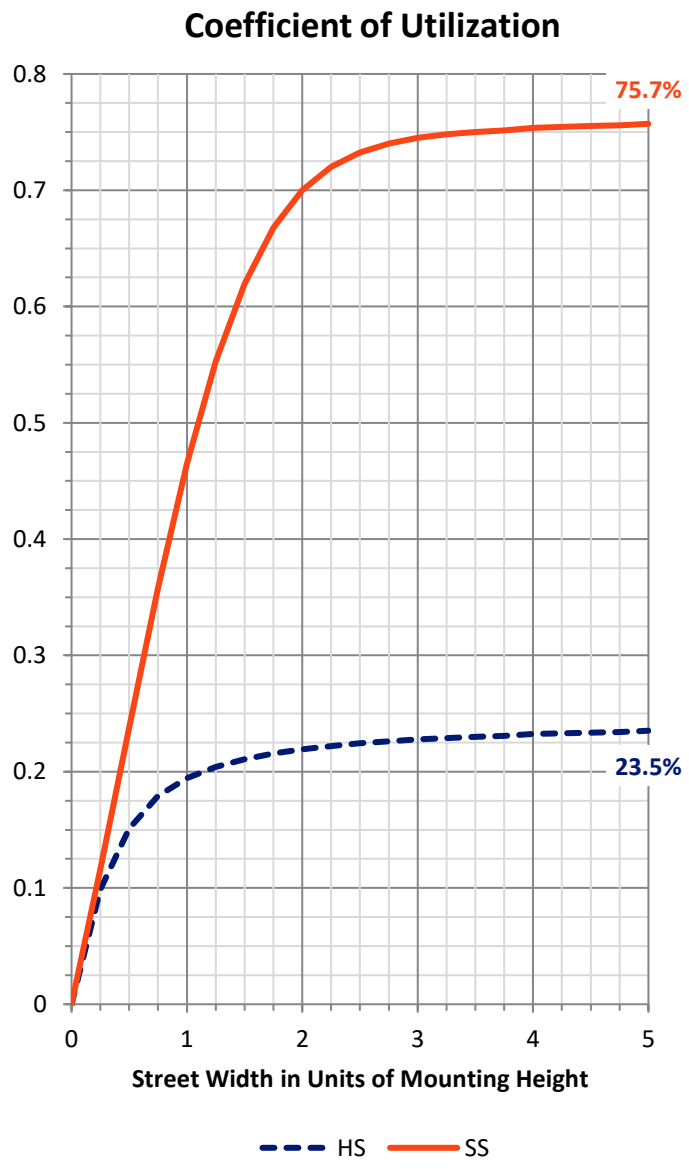
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3693.0	0.0	3693.0
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	11745.7	0.0	11745.7
	% Fixture	76.1	0.0	76.1
Total	Lumens	15438.7	0.0	15438.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	197.9	1.3
10°-20°	619.8	4.0
20°-30°	1104.3	7.2
30°-40°	1738.8	11.3
40°-50°	2611.0	16.9
50°-60°	3505.2	22.7
60°-70°	3761.1	24.4
70°-80°	1692.2	11.0
80°-90°	208.4	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°	15438.7	100.0
0°-180°	15438.7	100.0



REPORT NUMBER: P1460971
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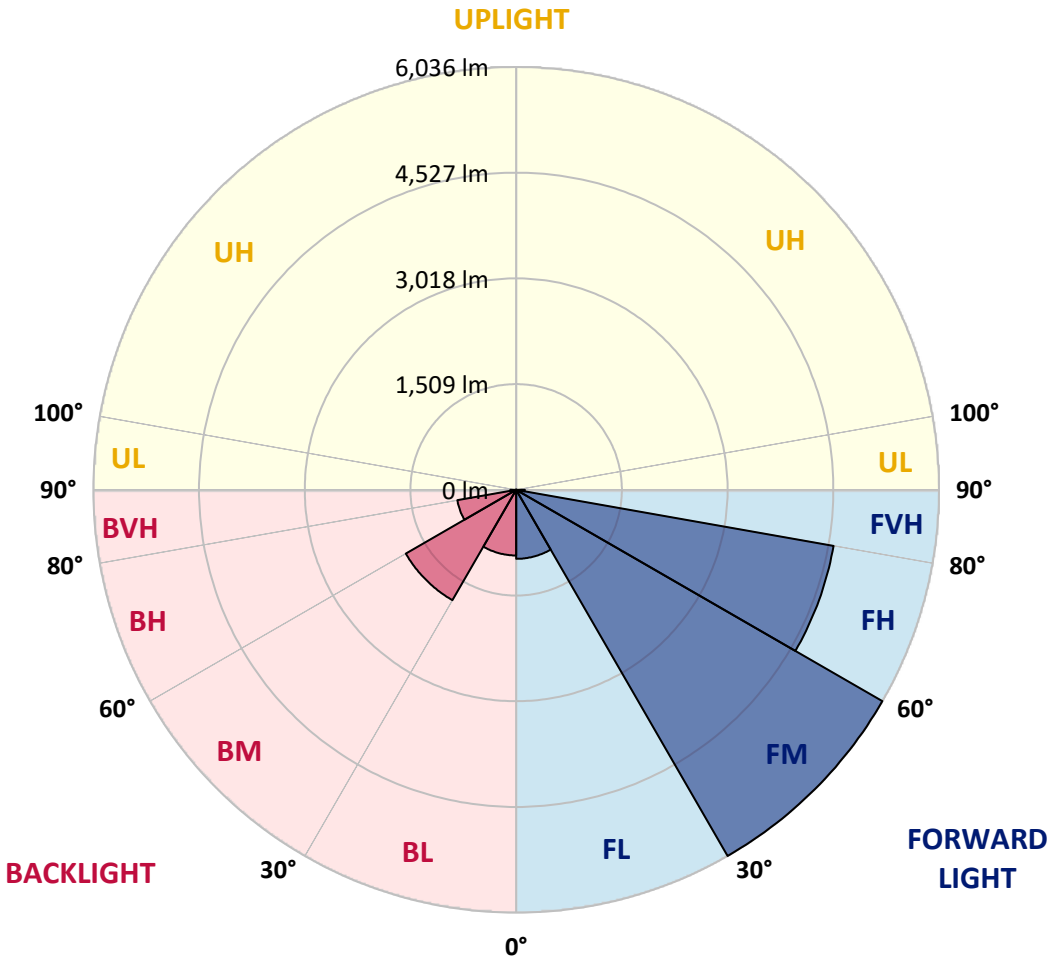
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	985.1	6.4			
FM	(30°-60°)	6035.9	39.1			
FH	(60°-80°)	4600.7	29.8			G2/5000
FVH	(80°-90°)	124.1	0.8			G2/225
BL	(0°-30°)	937.0	6.1	B2/1000		
BM	(30°-60°)	1819.1	11.8	B2/2500		
BH	(60°-80°)	852.6	5.5	B2/1000		G2/1000
BVH	(80°-90°)	84.3	0.5			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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	2128.5	2128.5	2128.5	2128.5	2128.5	2128.5	2128.5	*2128.5*	2128.5	2128.5	2128.5
2.5°	1908.4	1912.8	1919.3	1928.8	1944.1	1972.5	2009.7	*2041.0*	2047.6	2086.9	2113.9
5°	1759.0	1764.1	1769.2	1782.3	1809.3	1842.1	1898.2	*1955.0*	1970.3	2051.9	2124.1
7.5°	1724.0	1725.5	1727.7	1731.3	1747.4	1774.3	1831.2	*1900.4*	1916.4	2032.3	2149.6
10°	1764.9	1765.6	1764.9	1760.5	1756.8	1767.0	1805.7	*1869.8*	1892.4	2032.3	2192.6
12.5°	1848.6	1855.9	1850.1	1834.8	1813.7	1807.1	1825.3	*1873.4*	1894.6	2055.6	2253.8
15°	1966.7	1974.0	1960.1	1937.5	1906.2	1878.5	1873.4	*1904.8*	1923.0	2091.3	2336.9
17.5°	2111.0	2108.1	2092.0	2061.4	2018.4	1974.0	1948.5	*1960.9*	1974.7	2145.2	2427.9
20°	2284.4	2295.3	2261.8	2216.6	2166.4	2098.6	2042.5	*2047.6*	2051.9	2216.6	2537.2
22.5°	2570.8	2583.9	2520.5	2434.5	2341.2	2248.7	2177.3	*2140.8*	2154.0	2299.0	2650.2
25°	2854.2	2856.4	2809.8	2726.0	2587.5	2439.6	2331.8	*2288.8*	2286.6	2419.2	2804.7
27.5°	3151.5	3131.8	3078.7	2988.3	2857.9	2687.4	2524.1	*2459.3*	2452.7	2587.5	2976.6
30°	3425.5	3415.3	3362.8	3266.7	3116.5	2955.5	2766.1	*2683.7*	2676.4	2835.3	3220.7
32.5°	3679.8	3682.7	3633.2	3531.9	3410.2	3245.5	3056.8	*2978.8*	2970.1	3192.3	3528.2
35°	3882.4	3875.8	3845.9	3805.9	3707.5	3561.8	3388.3	*3386.9*	3407.3	3696.6	3923.9
37.5°	4081.3	4076.9	4030.3	4005.5	4012.8	3884.6	3813.9	*3895.5*	3938.5	4239.4	4373.5
40°	4409.2	4385.2	4325.4	4253.3	4262.0	4202.3	4228.5	*4467.5*	4545.5	4846.4	4846.4
42.5°	4655.5	4646.0	4635.8	4608.1	4569.5	4521.4	4673.0	*4991.4*	5067.2	5372.5	5255.2
45°	4748.0	4761.2	4823.8	4935.3	4928.0	4859.5	5156.1	*5563.4*	5631.2	5907.4	5664.0
47.5°	4828.2	4842.8	4919.3	5148.8	5269.1	5282.2	5678.6	*6121.6*	6201.0	6470.6	6042.2
50°	4827.5	4858.1	5010.4	5271.2	5499.3	5697.5	6234.5	*6684.9*	6765.0	6997.5	6370.8
52.5°	4724.0	4745.1	5003.8	5371.1	5680.8	6120.9	6812.4	*7282.4*	7318.8	7496.6	6657.2
55°	4608.9	4627.1	4896.7	5393.7	5871.7	6587.2	7411.4	*7867.5*	7925.1	8008.9	6947.9
57.5°	4474.8	4503.9	4772.1	5325.2	6032.7	7047.0	8024.9	*8503.6*	8531.3	8502.9	7269.3
60°	4313.0	4324.7	4584.1	5149.5	6124.5	7522.1	8620.2	*9172.6*	9178.4	8994.8	7532.3
62.5°	3738.8	3751.2	4056.5	4784.5	6058.9	7884.3	9137.6	*9739.5*	9727.8	9366.4	7656.2
65°	2869.5	2921.3	3229.5	3983.7	5556.9	8043.1	9539.8	*10135.9*	10093.6	9455.3	7486.4
66°	*2619.6*	*2672.1*	*2940.9*	*3586.5*	*5202.0*	*7942.6*	*9590.1*	*10184.7*	*10143.9*	*9390.4*	*7313.7*
67.5°	2344.1	2353.6	2572.2	3062.6	4460.2	7476.2	9421.8	*10100.2*	10054.3	9104.1	6905.7
70°	1708.0	1753.2	1948.5	2323.0	3146.4	5999.9	8498.5	*9432.0*	9364.9	8118.9	5871.7
72.5°	1121.4	1139.6	1225.6	1394.7	2003.9	4034.7	7016.4	*7966.6*	8027.8	6479.4	4372.1
75°	781.9	771.7	735.2	752.0	1001.9	1968.2	4912.0	*5688.0*	5766.0	4193.5	2585.3
77.5°	643.4	630.3	570.6	500.6	513.0	732.3	2600.6	*3362.1*	3300.9	2055.6	1167.3
80°	555.3	542.9	478.7	416.1	378.2	349.8	819.0	*1369.2*	1268.6	690.1	404.4
82.5°	443.8	437.2	408.8	349.8	306.8	252.9	255.8	*356.3*	381.1	257.2	177.8
85°	269.6	266.7	268.9	276.9	218.6	185.1	152.3	*160.3*	155.9	129.0	110.8
87.5°	139.2	129.0	138.4	165.4	129.7	85.3	64.1	*66.3*	70.0	66.3	56.8
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: P1460971
CATALOG NUMBER: PRV-PC1C-727-U-T3RE

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2128.5	2128.5	2128.5	2128.5	2128.5	2128.5	2128.5	2128.5	2128.5	2128.5	2128.5
2.5°	2132.1	2148.1	2173.6	2190.4	2201.3	2207.9	2207.2	2206.4	2204.2	2199.1	2202.1
5°	2155.4	2183.1	2215.9	2226.1	2223.9	2220.3	2214.4	2213.0	2215.2	2210.8	2210.8
7.5°	2194.8	2225.4	2256.0	2250.1	2239.9	2250.9	2268.4	2292.4	2307.0	2315.7	2327.4
10°	2247.2	2288.8	2299.0	2281.5	2293.1	2336.1	2375.5	2402.4	2418.5	2426.5	2434.5
12.5°	2325.9	2361.6	2342.0	2333.9	2385.0	2438.9	2449.8	2430.1	2409.0	2396.6	2397.3
15°	2413.4	2436.7	2396.6	2419.9	2483.3	2478.2	2402.4	2321.6	2263.3	2238.5	2241.4
17.5°	2506.6	2511.0	2458.6	2514.7	2520.5	2403.2	2251.6	2137.9	2100.0	2086.2	2087.7
20°	2615.9	2596.3	2541.6	2596.3	2473.1	2239.2	2073.8	2006.0	1989.3	1995.8	1997.3
22.5°	2713.6	2668.4	2629.1	2614.5	2320.1	2046.8	1940.5	1915.7	1920.8	1932.4	1944.8
25°	2830.9	2749.3	2712.9	2538.7	2119.0	1895.3	1848.6	1851.6	1852.3	1862.5	1872.0
27.5°	2961.3	2841.8	2769.7	2363.1	1905.5	1786.7	1773.6	1775.8	1768.5	1768.5	1777.2
30°	3118.0	2952.6	2779.2	2125.5	1712.4	1689.1	1688.3	1673.0	1643.2	1635.9	1641.0
32.5°	3335.9	3118.0	2737.6	1845.0	1573.9	1594.3	1586.3	1546.2	1505.4	1496.0	1506.9
35°	3657.9	3359.2	2655.3	1587.1	1453.7	1491.6	1482.1	1429.7	1369.2	1345.9	1348.8
37.5°	3988.0	3657.2	2551.1	1374.3	1345.1	1399.1	1377.2	1307.2	1243.1	1200.1	1206.0
40°	4334.2	3958.2	2428.7	1237.3	1251.1	1300.7	1281.7	1195.8	1112.7	1074.8	1092.3
42.5°	4674.5	4246.0	2297.5	1147.7	1162.2	1211.8	1192.1	1101.8	1039.8	999.7	1006.3
45°	4979.8	4474.1	2178.7	1080.6	1085.7	1124.3	1095.2	1043.5	980.8	946.5	944.4
47.5°	5252.3	4643.8	2104.4	1026.7	1009.9	1021.6	1017.2	980.8	934.2	902.1	899.2
50°	5486.2	4772.1	2091.3	977.9	928.3	907.2	926.9	915.9	879.5	856.2	854.0
52.5°	5674.9	4889.4	2148.1	928.3	825.6	815.4	844.5	847.4	819.8	809.6	810.3
55°	5903.0	5034.4	2263.3	859.1	734.5	736.0	774.6	777.5	761.5	762.9	765.8
57.5°	6152.2	5198.4	2358.7	768.8	650.7	662.4	714.1	719.2	703.9	709.7	711.9
60°	6362.8	5347.0	2246.5	656.5	575.7	605.5	671.8	668.9	660.2	674.8	678.4
62.5°	6424.0	5309.1	1843.5	558.9	516.6	561.1	642.0	642.7	659.5	685.0	689.3
65°	6207.6	4946.2	1257.0	486.8	469.3	522.5	624.5	650.0	642.7	639.0	643.4
66°	*6045.8*	*4718.9*	*1026.7*	*462.0*	*451.8*	*511.5*	*620.1*	*630.3*	*617.2*	*616.5*	*616.5*
67.5°	5680.8	4246.7	749.8	429.9	432.1	494.0	593.9	585.1	597.5	609.2	613.5
70°	4816.5	3243.3	474.4	380.4	397.9	448.1	530.5	564.7	587.3	601.2	610.6
72.5°	3569.8	2093.5	338.1	335.9	361.4	402.2	487.5	537.8	556.7	615.7	632.5
75°	2187.5	1163.7	284.2	298.8	309.7	365.1	440.8	507.9	503.5	521.0	525.4
77.5°	945.1	523.2	242.6	258.7	264.5	309.0	392.8	461.3	460.5	479.5	487.5
80°	323.5	237.5	207.7	210.6	229.5	260.9	335.2	400.0	400.8	408.8	400.0
82.5°	172.0	161.8	166.9	172.7	196.0	212.8	276.9	346.1	319.2	226.6	223.0
85°	108.6	96.9	110.0	129.7	143.5	154.5	211.3	260.9	227.3	99.8	88.9
87.5°	43.7	43.7	51.0	68.5	61.9	67.0	112.9	147.9	121.0	40.1	21.1
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

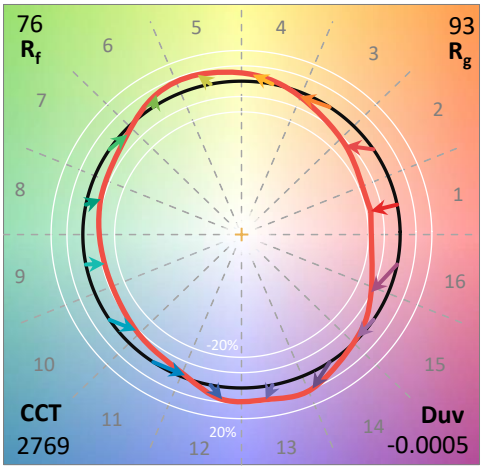
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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						



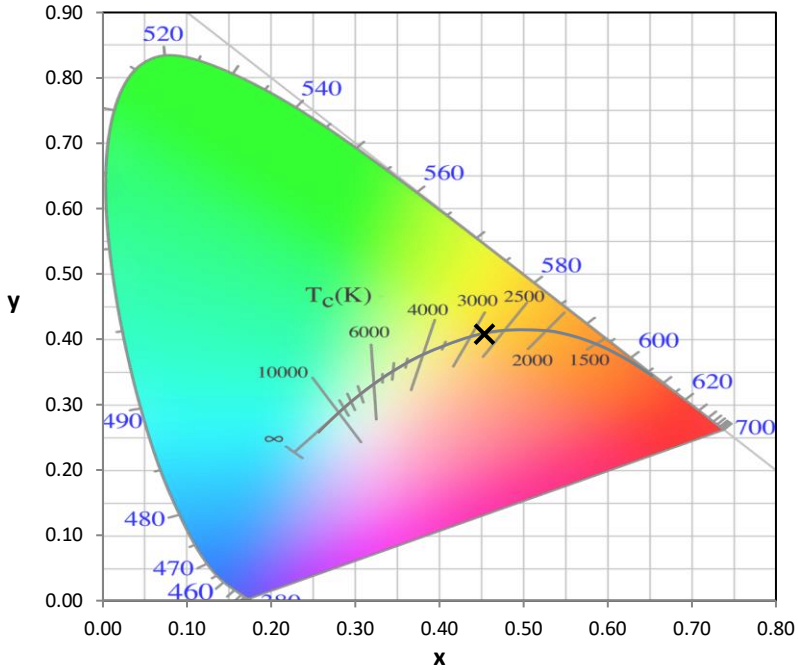
Test Conditions

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

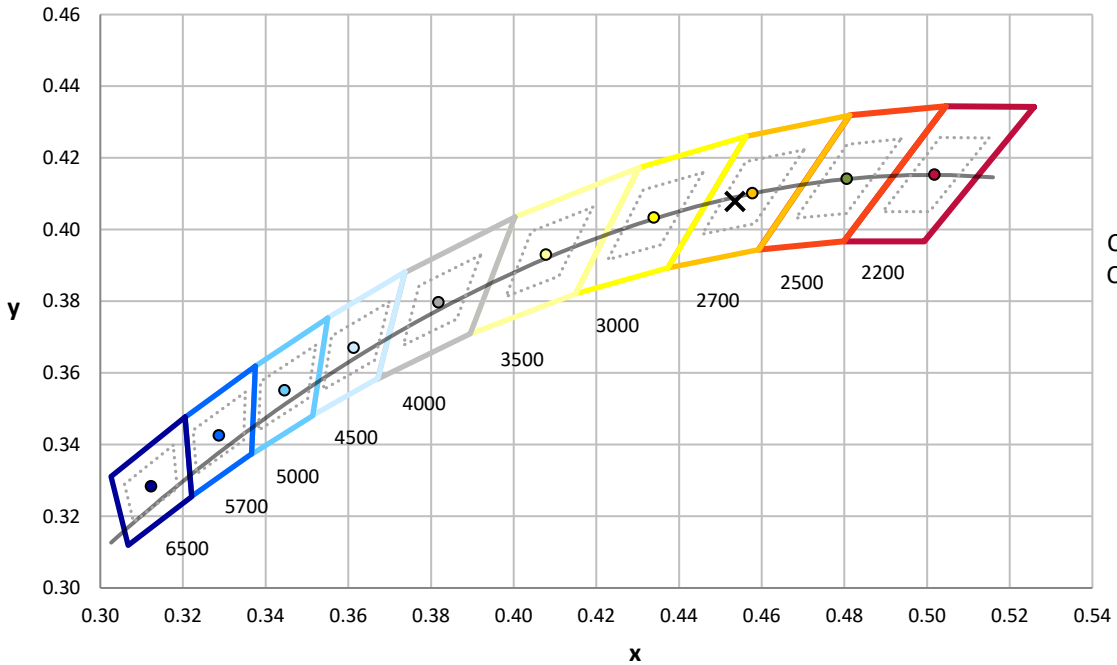
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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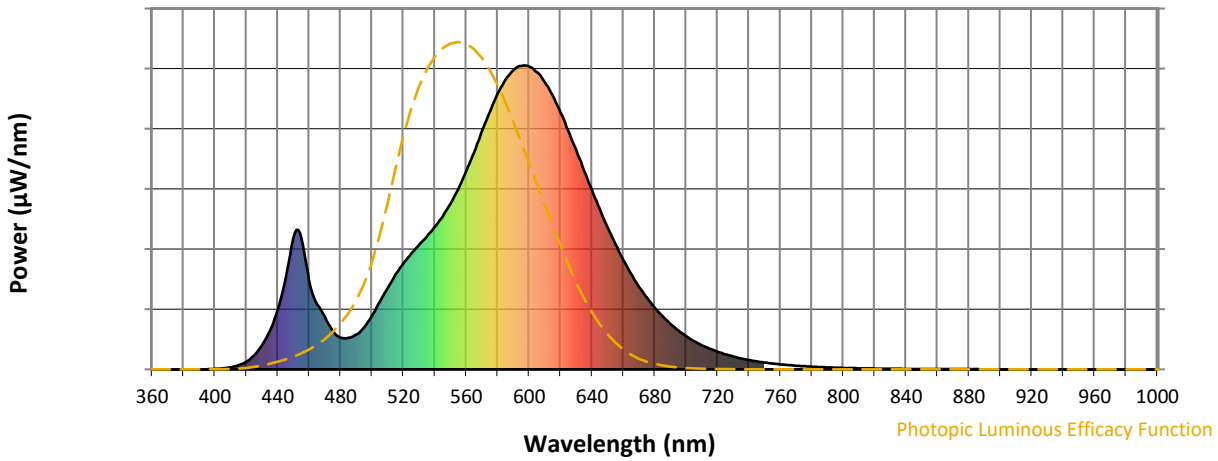
Photopic Flux vs. Wavelength



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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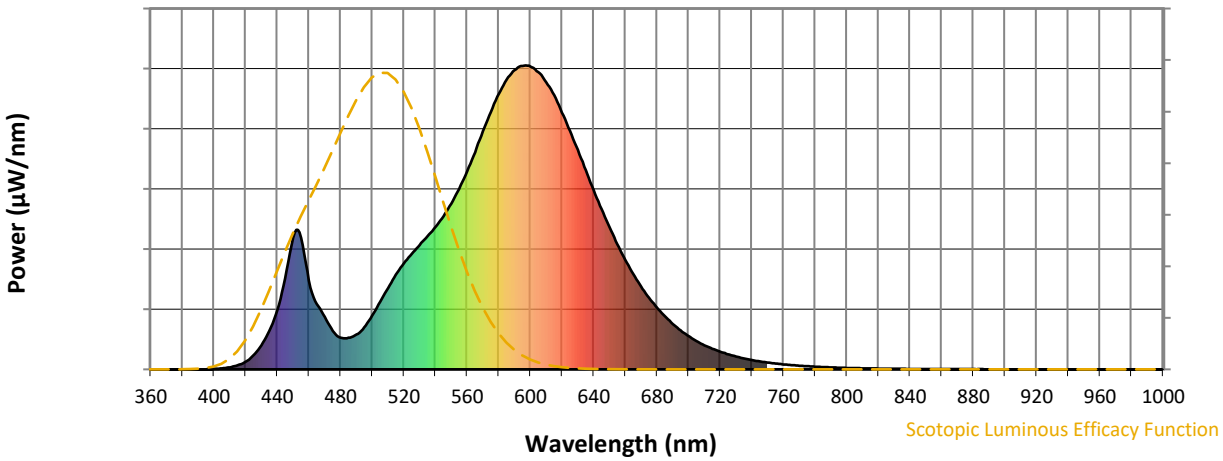
Scotopic Flux vs. Wavelength



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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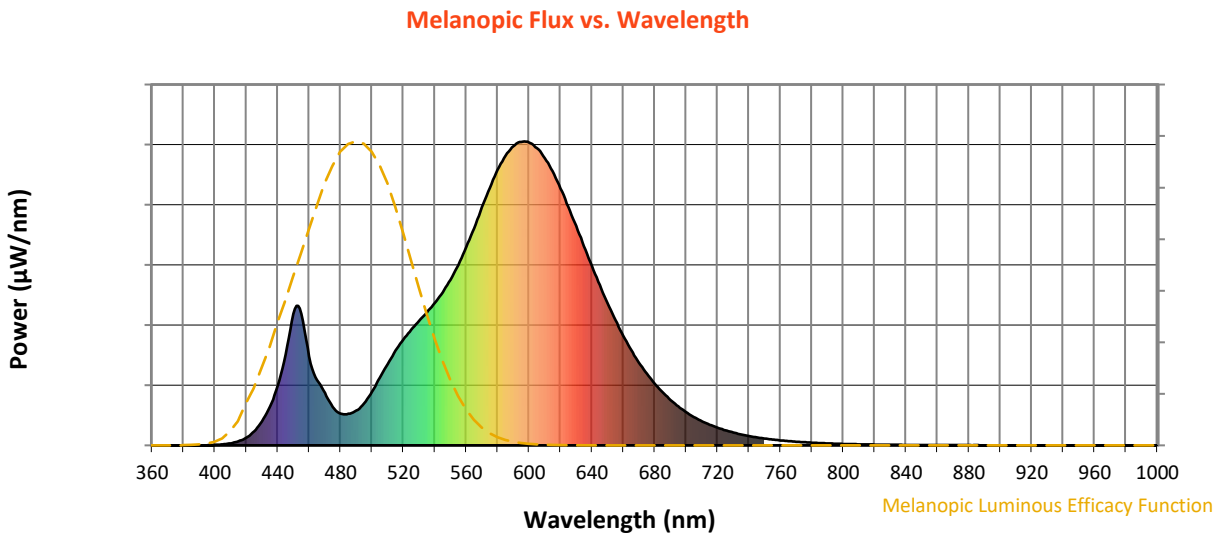

Melanopic Lumens: NR **M/P: 2.08**

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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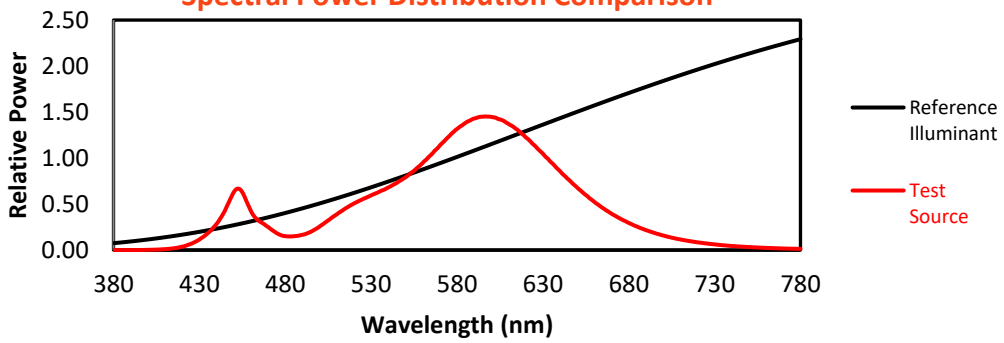
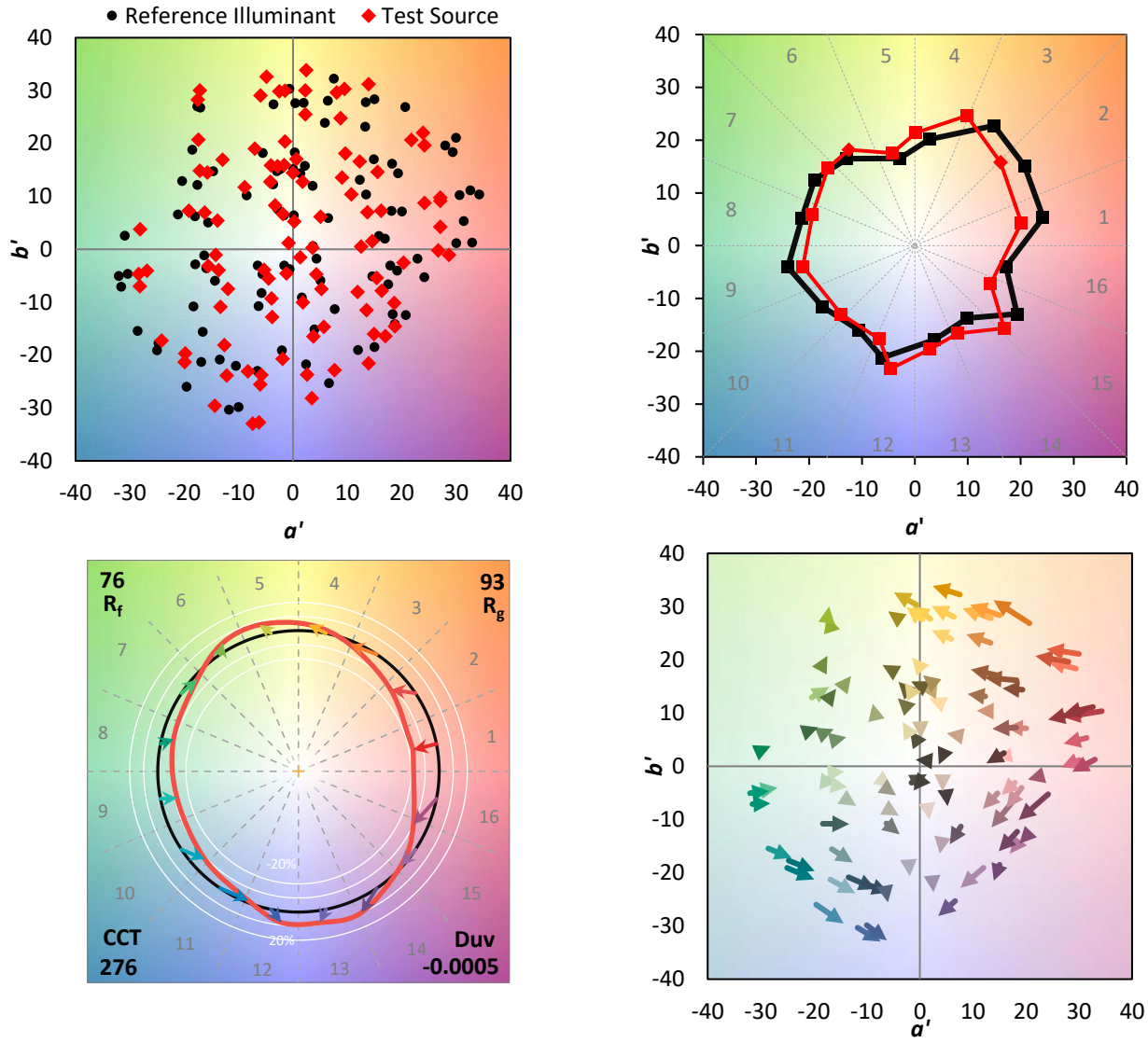
Summary

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

Spectral Power Distribution Comparison

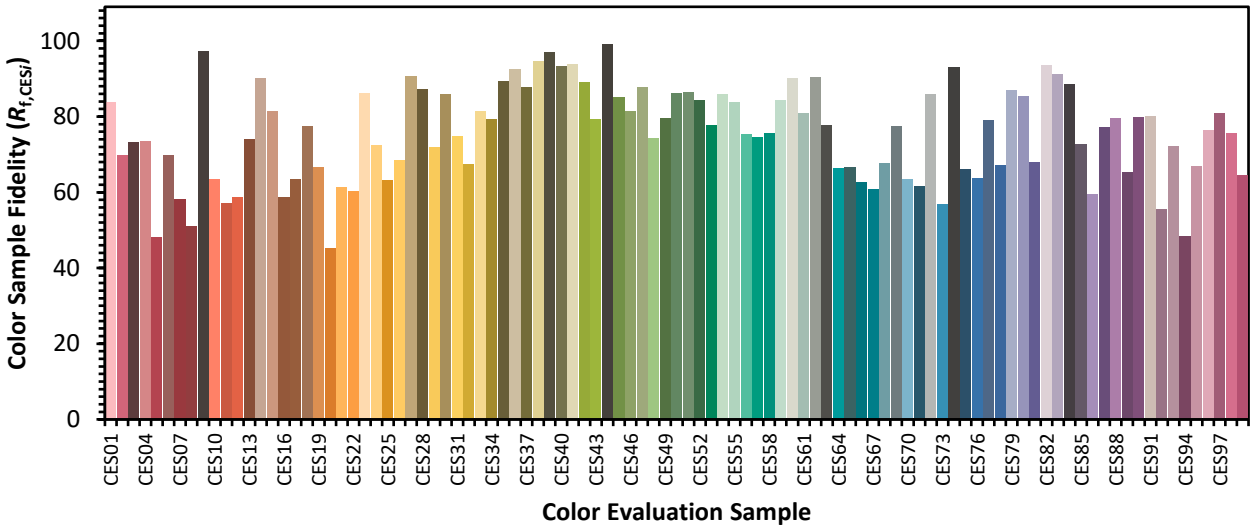


Color Vector Graphics

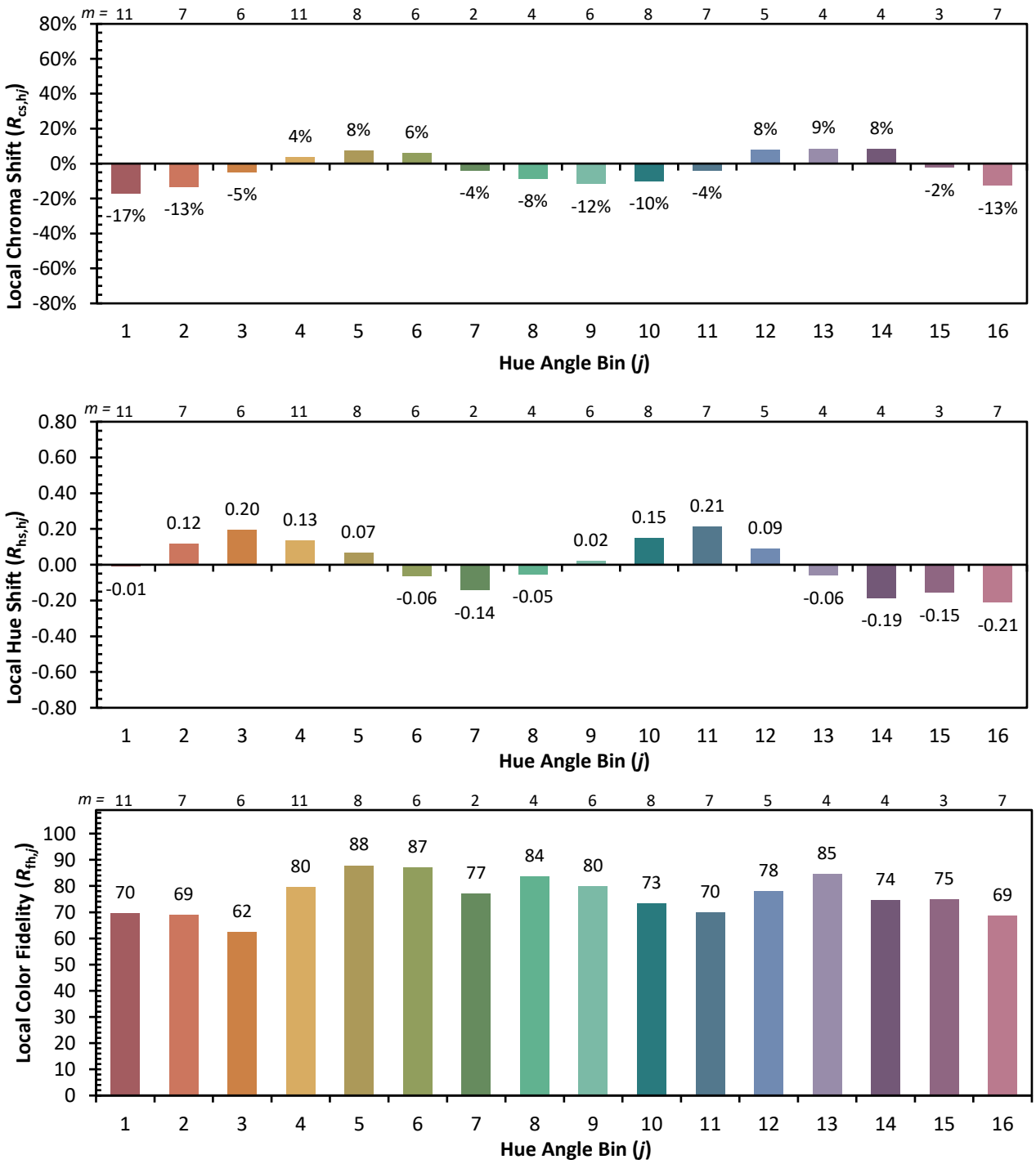


Individual Sample Fidelity Index ($R_{f,i}$)

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	

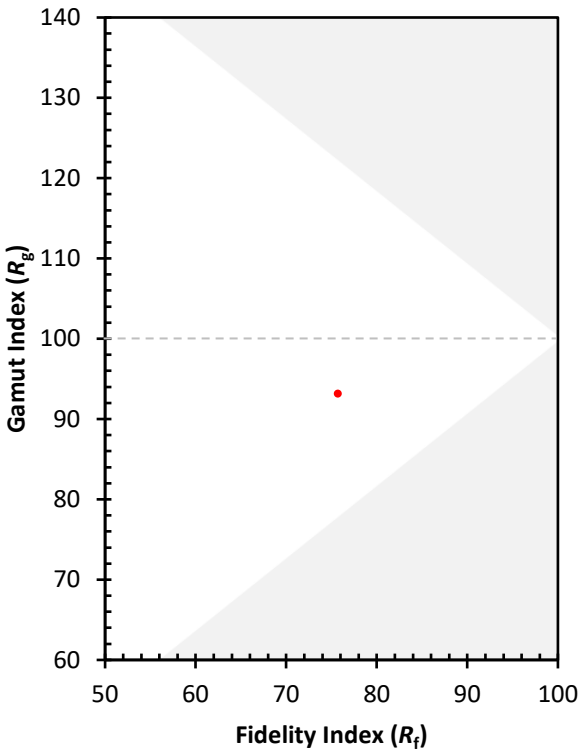


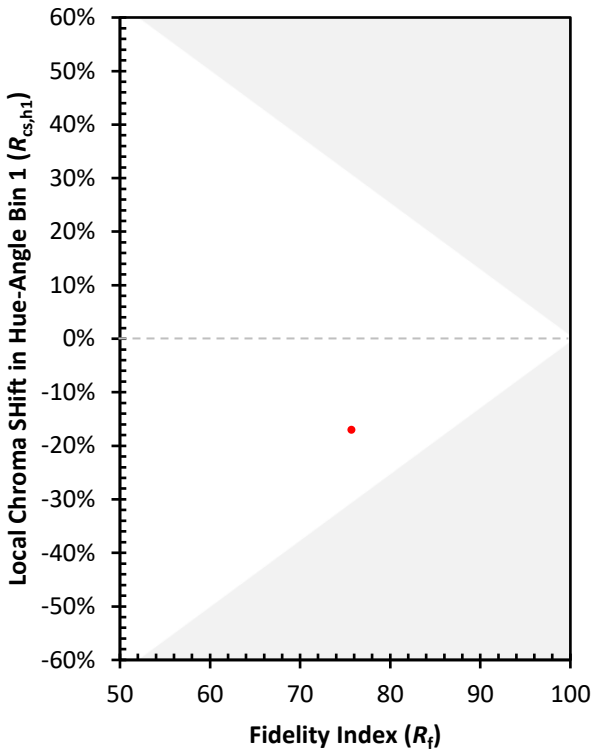
Color Rendition by Hue-Angle Bin



TM-30-18

Measure Comparisons





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