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: P1460400

Luminaire Tested: PRV-P-PB2D-727-U-T2R

Issue Date: 06/09/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1460400
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/9/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-P-PB2D-727-U-T2R
Description:	PREVAIL PETITE DISCRETE LED 2 SQUARES AT 695MA 70CRI 2700K FIXTURE w/ TYPE II ROADWAY DISTRIBUTION OPTIC
Light Source:	(20) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11265.6 lumens
Efficiency:	N/A
Efficacy:	119.2 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification:	Type II - Medium
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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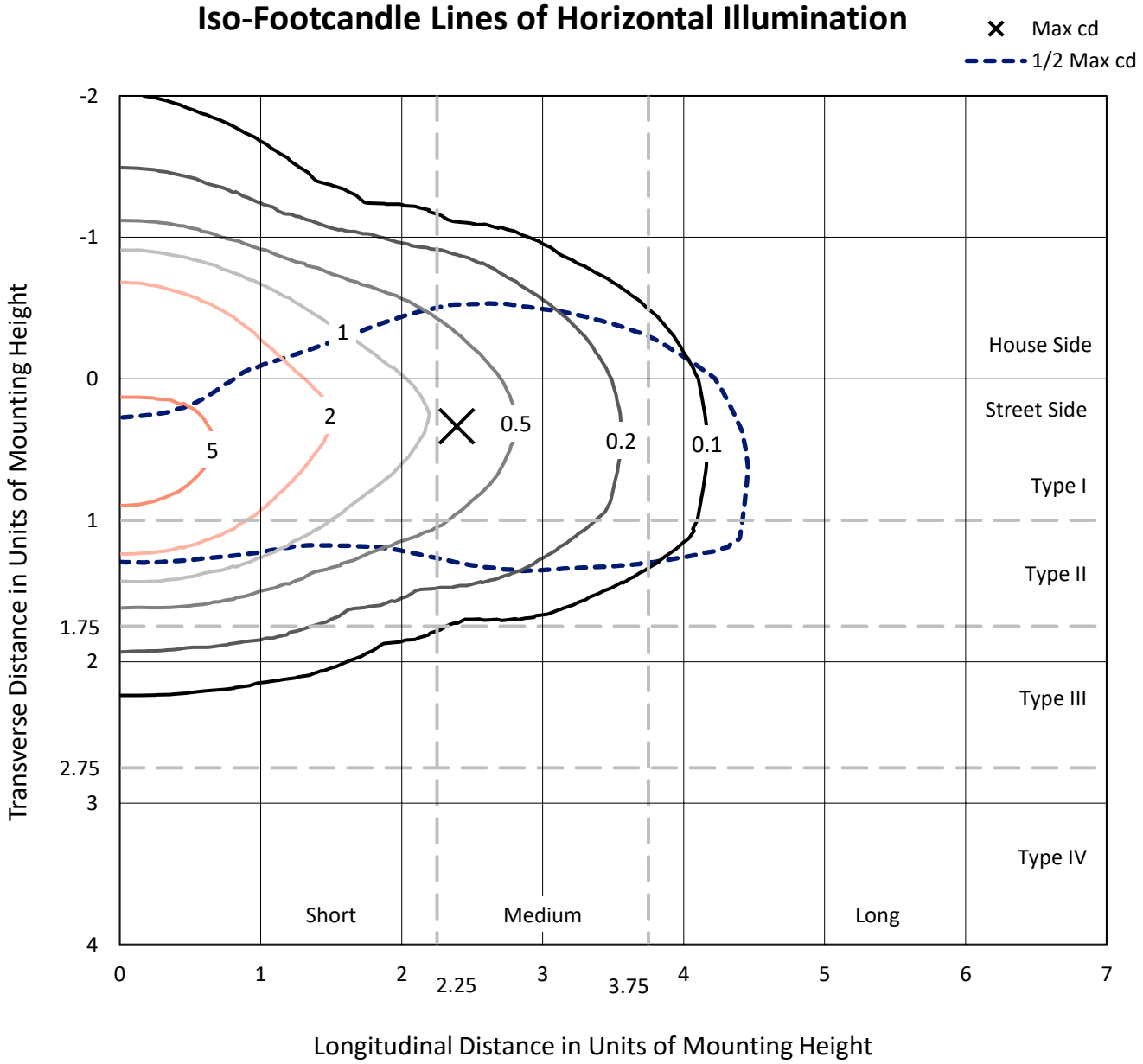
Scaled Data Report

REPORT NUMBER: P1460400
CATALOG NUMBER: PRV-P-PB2D-727-U-T2R

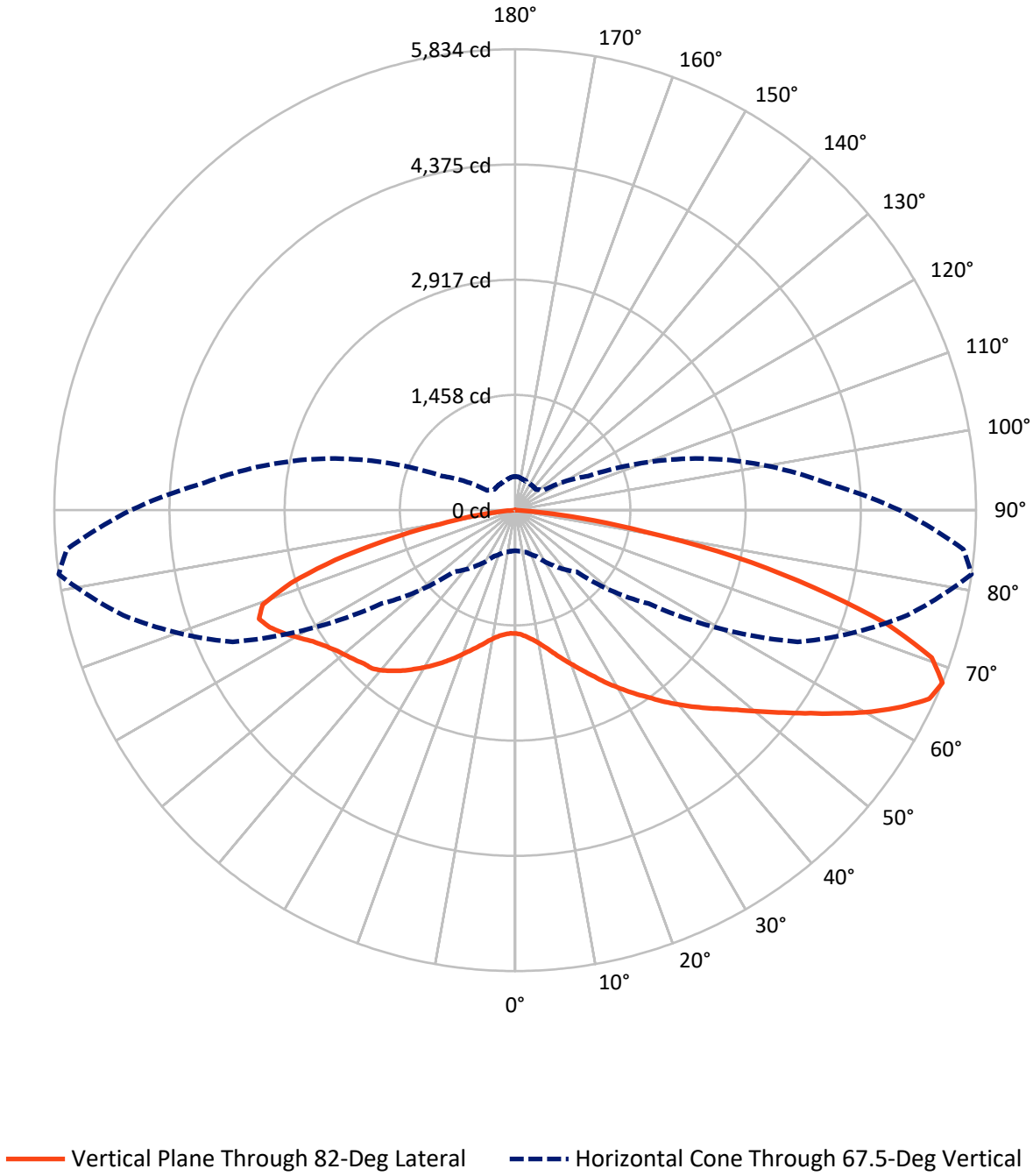
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 7.7 fc
Type II - Medium - N/A

REPORT NUMBER: P1460400
CATALOG NUMBER: PRV-P-PB2D-727-U-T2R

Luminous Intensity Polar Plot



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Scaled Data Report

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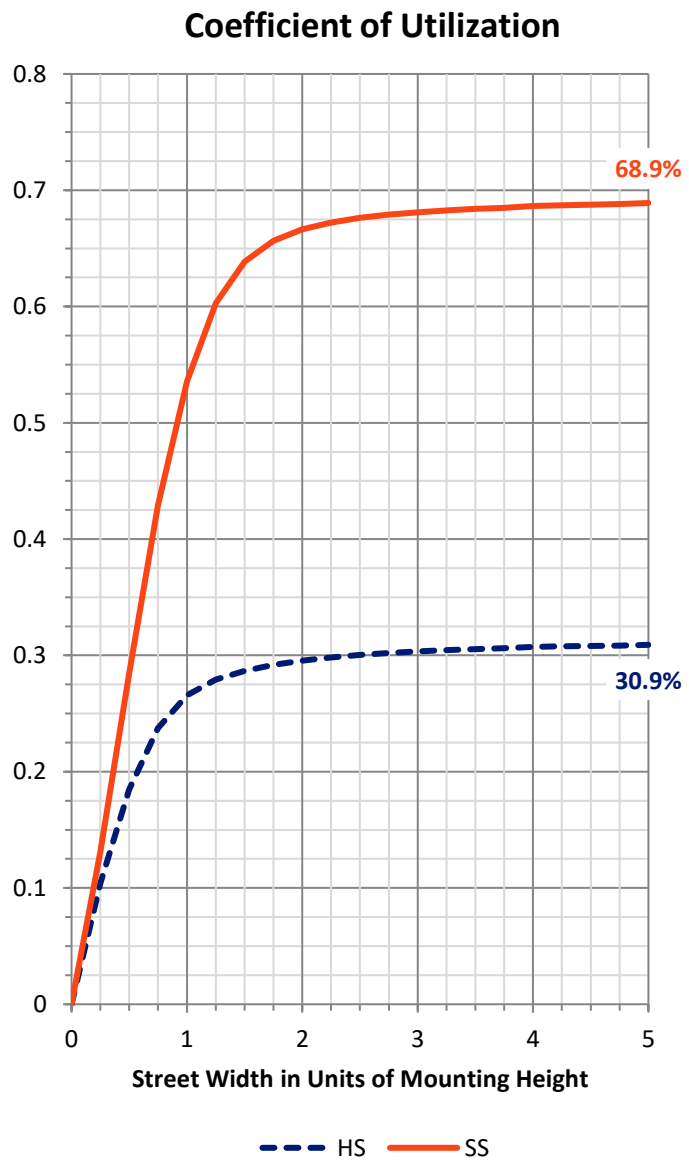
CATALOG NUMBER: PRV-P-PB2D-727-U-T2R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3498.8	0.0	3498.8
	% Fixture	31.1	0.0	31.1
Street Side	Lumens	7766.8	0.0	7766.8
	% Fixture	68.9	0.0	68.9
Total	Lumens	11265.6	0.0	11265.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	162.4	1.4
10°-20°	592.4	5.3
20°-30°	1200.4	10.7
30°-40°	1879.0	16.7
40°-50°	2270.0	20.1
50°-60°	2138.3	19.0
60°-70°	1793.8	15.9
70°-80°	1078.9	9.6
80°-90°	150.3	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°	11265.6	100.0
0°-180°	11265.6	100.0



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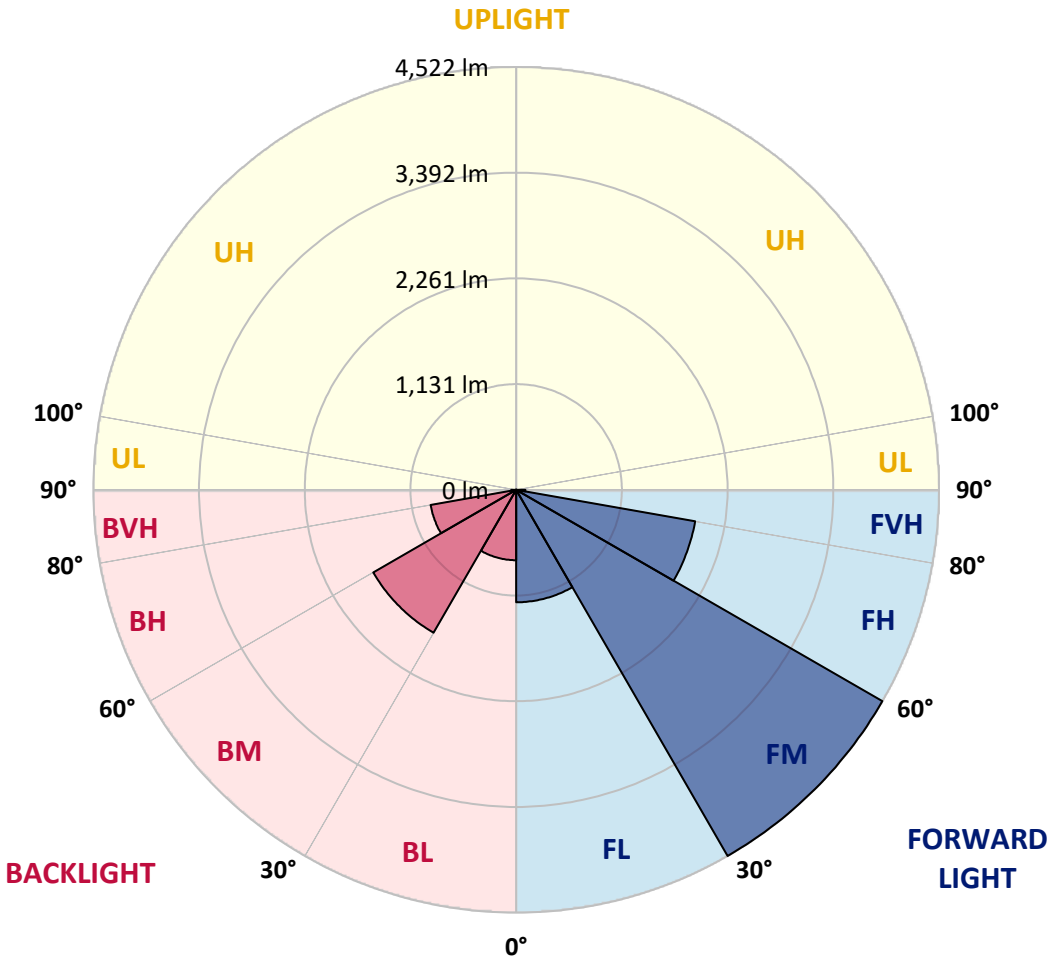
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1202.3	10.7			
FM	(30°-60°)	4522.2	40.1			
FH	(60°-80°)	1943.5	17.3			G2/5000
FVH	(80°-90°)	98.7	0.9			G1/100
BL	(0°-30°)	752.9	6.7	B2/1000		
BM	(30°-60°)	1765.1	15.7	B2/2500		
BH	(60°-80°)	929.2	8.2	B2/1000		G2/1000
BVH	(80°-90°)	51.6	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 II Medium



REPORT NUMBER: P1460400
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	1560.6	1560.6	1560.6	1560.6	1560.6	1560.6	1560.6	1560.6	1560.6	*1560.6*	1560.6
2.5°	1662.7	1661.0	1662.7	1671.4	1654.1	1645.4	1628.1	1605.6	1588.3	*1576.1*	1572.7
5°	1829.0	1839.4	1834.2	1822.1	1794.4	1758.0	1713.0	1662.7	1635.0	*1614.2*	1605.6
7.5°	2055.9	2040.3	2050.7	2014.3	1965.9	1903.5	1816.9	1756.3	1692.2	*1657.5*	1647.2
10°	2301.9	2300.1	2279.3	2241.2	2168.5	2073.2	1967.6	1861.9	1777.1	*1718.2*	1695.7
12.5°	2566.9	2565.1	2554.7	2483.7	2391.9	2255.1	2128.7	1991.8	1858.5	*1796.1*	1770.1
15°	2828.4	2842.3	2823.2	2740.1	2622.3	2452.5	2293.2	2126.9	1976.2	*1886.2*	1853.3
17.5°	3109.0	3107.3	3070.9	2987.7	2852.6	2677.7	2480.3	2260.3	2085.4	*1986.6*	1945.1
20°	3367.1	3396.5	3351.5	3264.9	3096.9	2906.3	2676.0	2423.1	2211.8	*2092.3*	2047.3
22.5°	3703.1	3699.6	3658.0	3526.4	3349.7	3121.1	2868.2	2598.0	2353.8	*2208.3*	2152.9
25°	4054.7	4063.3	4006.2	3846.8	3602.6	3356.7	3065.7	2788.6	2518.4	*2336.5*	2277.6
27.5°	4427.1	4434.0	4361.2	4169.0	3914.4	3597.4	3294.3	2973.9	2665.6	*2478.5*	2391.9
30°	4740.6	4745.8	4674.7	4479.0	4186.3	3853.8	3486.6	3160.9	2816.3	*2617.1*	2527.0
32.5°	5003.8	4990.0	4913.8	4733.6	4460.0	4103.2	3710.0	3339.3	2994.7	*2764.3*	2663.9
35°	5132.0	5147.6	5092.2	4927.6	4674.7	4337.0	3952.5	3550.7	3159.2	*2909.8*	2809.3
37.5°	5130.3	5145.9	5126.8	5019.4	4809.8	4520.6	4156.9	3770.6	3365.3	*3077.8*	2954.8
40°	5009.0	5029.8	5040.2	4984.8	4846.2	4640.1	4321.4	3966.3	3552.4	*3244.1*	3112.5
42.5°	4780.4	4796.0	4828.9	4801.2	4778.7	4660.9	4449.6	4158.6	3742.9	*3412.1*	3261.4
45°	4480.8	4491.1	4524.1	4553.5	4593.3	4581.2	4505.0	4330.1	3961.1	*3585.3*	3410.4
47.5°	4059.9	4096.2	4175.9	4278.1	4349.1	4432.3	4485.9	4442.6	4163.8	*3775.8*	3581.8
50°	3550.7	3547.2	3692.7	3860.7	4072.0	4196.7	4369.9	4518.9	4392.4	*4002.7*	3786.2
52.5°	2804.2	2845.7	3029.3	3360.1	3710.0	3940.4	4188.0	4517.1	4608.9	*4257.3*	4021.8
55°	2076.7	2172.0	2400.6	2734.9	3226.8	3651.1	3962.9	4427.1	4808.1	*4537.9*	4283.3
57.5°	1510.3	1510.3	1754.5	2073.2	2670.8	3287.4	3751.6	4272.9	4957.1	*4853.1*	4591.6
60°	1099.8	1092.9	1269.6	1543.2	2021.3	2717.5	3540.3	4132.6	5085.2	*5180.5*	4925.9
62.5°	808.9	803.7	897.2	1125.8	1498.2	2118.3	3186.9	4066.8	5151.0	*5483.6*	5272.3
65°	632.2	637.4	691.1	831.4	1125.8	1525.9	2691.6	4065.1	5159.7	*5760.7*	5561.5
67.5°	*512.7*	*519.6*	*550.8*	*646.0*	*859.1*	*1103.3*	*2061.1*	*3945.6*	*5138.9*	*5833.5*	*5696.6*
70°	433.0	434.7	464.2	531.7	651.2	829.6	1449.7	3592.2	5029.8	*5594.4*	5492.3
72.5°	358.5	363.7	394.9	438.2	524.8	639.1	973.4	2942.7	4659.2	*4920.7*	4842.7
75°	294.4	291.0	315.2	368.9	426.1	498.8	685.9	2087.1	3955.9	*3904.0*	3810.5
77.5°	233.8	232.1	254.6	304.8	339.5	391.4	493.6	1323.3	2908.1	*2859.6*	2785.1
80°	168.0	159.3	173.2	220.0	256.3	291.0	341.2	706.7	1707.8	*1659.3*	1683.5
82.5°	97.0	97.0	102.2	138.6	164.5	188.8	218.2	375.8	817.5	*843.5*	814.1
85°	22.5	24.2	27.7	34.6	48.5	69.3	79.7	121.2	204.4	*220.0*	218.2
87.5°	1.7	1.7	1.7	3.5	3.5	3.5	3.5	5.2	6.9	*6.9*	6.9
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: P1460400
CATALOG NUMBER: PRV-P-PB2D-727-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1560.6	1560.6	1560.6	1560.6	1560.6	1560.6	1560.6	1560.6	1560.6	1560.6	1560.6
2.5°	1565.8	1564.0	1548.4	1539.8	1541.5	1534.6	1525.9	1525.9	1520.7	1515.5	1513.8
5°	1590.0	1579.6	1562.3	1546.7	1546.7	1539.8	1536.3	1527.6	1525.9	1520.7	1522.5
7.5°	1622.9	1607.3	1583.1	1567.5	1567.5	1562.3	1562.3	1555.4	1553.6	1546.7	1543.2
10°	1674.9	1652.4	1624.6	1607.3	1605.6	1603.9	1602.1	1600.4	1591.7	1584.8	1581.3
12.5°	1737.2	1709.5	1676.6	1664.5	1661.0	1657.5	1654.1	1643.7	1636.8	1628.1	1622.9
15°	1810.0	1782.3	1745.9	1730.3	1723.4	1716.4	1699.1	1688.7	1676.6	1662.7	1659.3
17.5°	1894.8	1855.0	1811.7	1794.4	1780.5	1764.9	1749.3	1725.1	1706.0	1690.5	1687.0
20°	1986.6	1938.1	1887.9	1861.9	1842.9	1815.2	1784.0	1752.8	1730.3	1711.2	1707.8
22.5°	2076.7	2029.9	1969.3	1932.9	1894.8	1851.5	1803.0	1761.5	1733.8	1714.7	1711.2
25°	2182.4	2123.5	2047.3	1990.1	1934.7	1874.1	1808.2	1754.5	1718.2	1699.1	1692.2
27.5°	2294.9	2220.5	2118.3	2045.5	1964.1	1872.3	1784.0	1723.4	1678.3	1652.4	1648.9
30°	2404.1	2317.5	2191.0	2076.7	1971.0	1851.5	1740.7	1661.0	1607.3	1572.7	1569.2
32.5°	2532.2	2419.6	2248.2	2106.1	1964.1	1816.9	1678.3	1581.3	1519.0	1484.3	1484.3
35°	2656.9	2527.0	2310.5	2128.7	1945.1	1761.5	1602.1	1489.5	1416.8	1377.0	1373.5
37.5°	2785.1	2627.5	2357.3	2130.4	1910.4	1687.0	1512.1	1390.8	1312.9	1266.1	1257.5
40°	2918.5	2731.4	2391.9	2114.8	1855.0	1602.1	1415.1	1281.7	1176.0	1115.4	1101.6
42.5°	3036.2	2821.5	2411.0	2094.0	1787.5	1505.1	1299.0	1137.9	1025.4	969.9	959.5
45°	3136.7	2866.5	2398.9	2052.5	1700.9	1396.0	1150.1	983.8	888.5	833.1	821.0
47.5°	3259.7	2939.2	2390.2	2005.7	1598.7	1257.5	990.7	834.8	751.7	710.1	706.7
50°	3401.7	3012.0	2385.0	1945.1	1475.7	1094.6	833.1	696.3	630.5	597.5	594.1
52.5°	3550.7	3089.9	2388.5	1870.6	1325.0	912.8	692.8	588.9	533.5	516.1	512.7
55°	3756.8	3195.6	2402.3	1773.6	1153.5	753.4	583.7	505.8	474.6	465.9	465.9
57.5°	3976.7	3316.8	2428.3	1657.5	976.9	613.1	498.8	460.7	455.5	457.3	459.0
60°	4250.4	3484.8	2466.4	1532.8	801.9	512.7	450.3	441.7	446.9	462.5	465.9
62.5°	4513.7	3654.6	2532.2	1389.1	644.3	441.7	424.3	426.1	433.0	453.8	455.5
65°	4757.9	3815.7	2572.1	1219.3	530.0	401.8	405.3	405.3	422.6	452.1	453.8
67.5°	*4863.5*	*3950.8*	*2518.4*	*1018.4*	*434.7*	*370.7*	*377.6*	*384.5*	*400.1*	*422.6*	*426.1*
70°	4761.3	3910.9	2243.0	777.7	362.0	339.5	344.7	351.6	370.7	393.2	403.6
72.5°	4271.2	3521.2	1723.4	557.7	310.0	303.1	308.3	320.4	334.3	360.3	375.8
75°	3507.4	2861.3	1212.4	379.3	266.7	263.3	277.1	285.8	278.9	284.1	292.7
77.5°	2554.7	2023.0	739.6	282.3	221.7	226.9	233.8	223.4	192.3	166.3	174.9
80°	1593.5	1189.9	427.8	209.6	171.5	168.0	164.5	149.0	109.1	74.5	32.9
82.5°	819.2	621.8	268.5	147.2	107.4	102.2	102.2	79.7	55.4	22.5	0.0
85°	195.7	176.7	105.7	60.6	39.8	38.1	26.0	10.4	3.5	0.0	0.0
87.5°	6.9	6.9	5.2	3.5	3.5	1.7	1.7	1.7	1.7	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

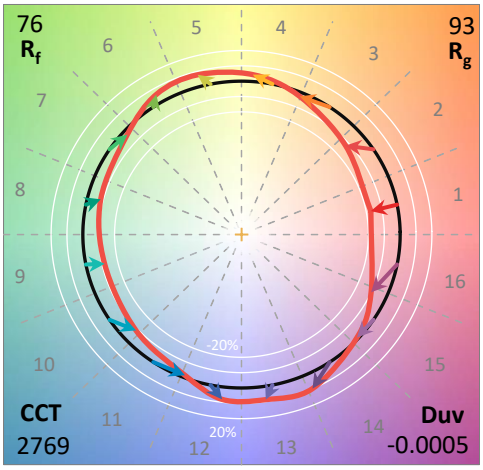
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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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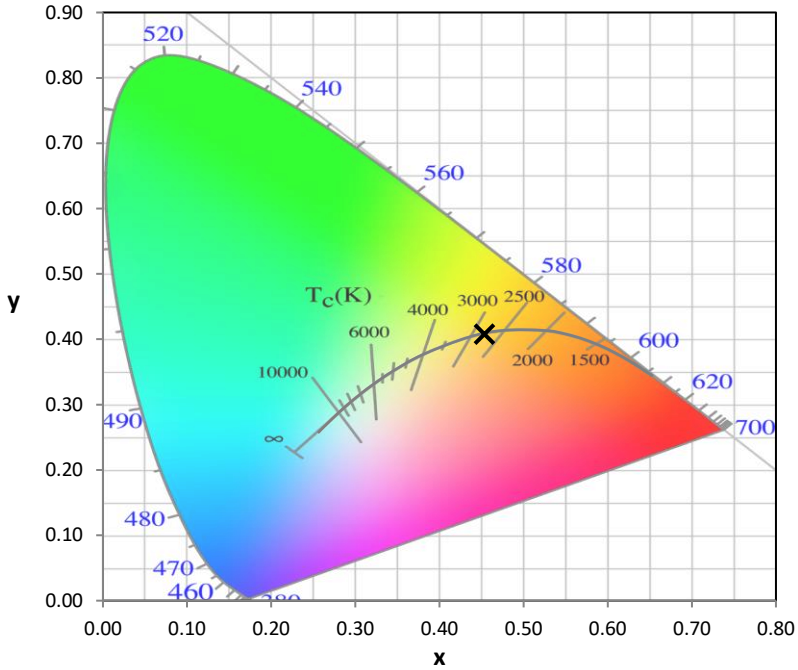
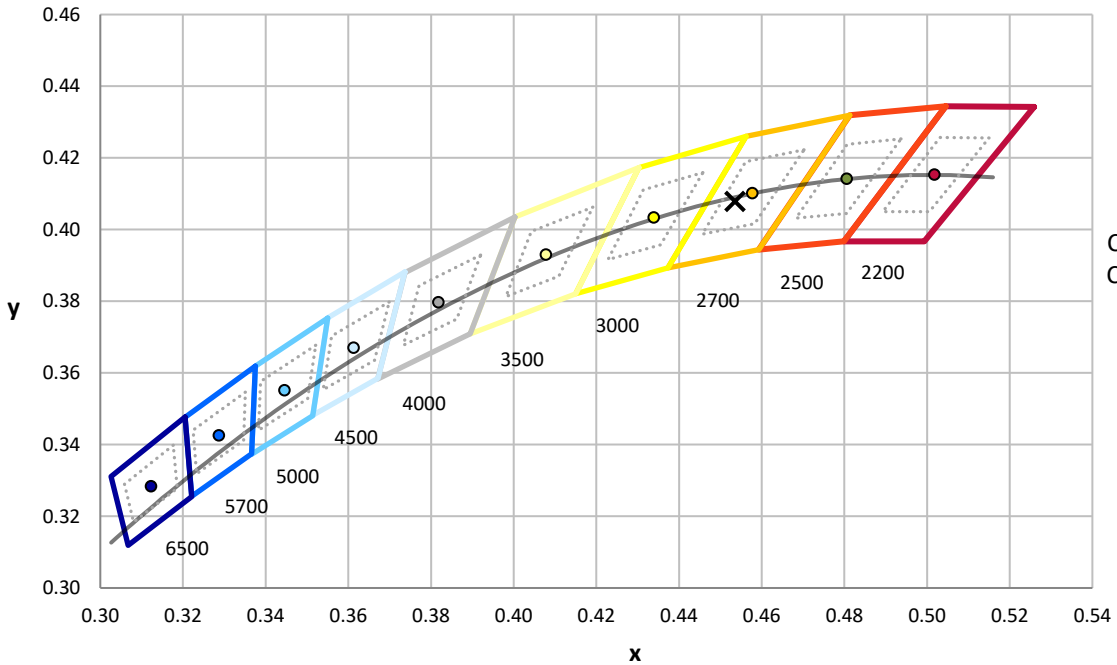
CIE 1931 Chromaticity Diagram



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

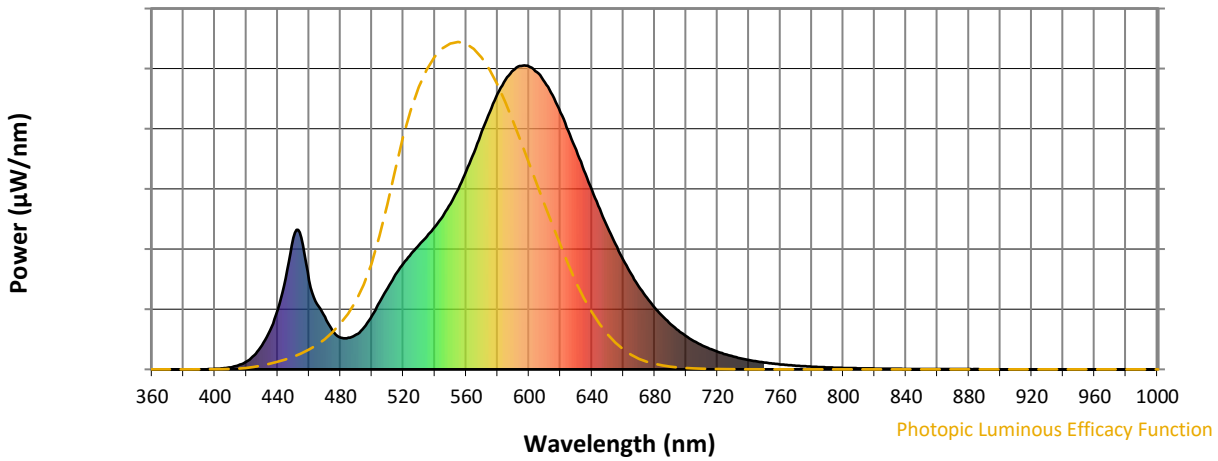


CCT = 2769K
CIE x = 0.4535
CIE y = 0.4078
Duv = -0.0005

Point lies inside the ANSI 2700K 4-step quadrangle

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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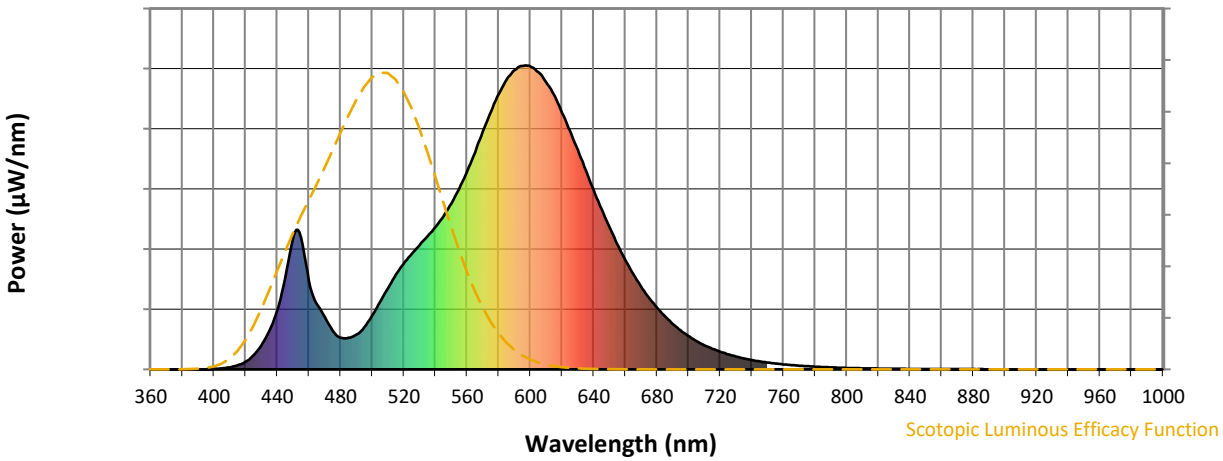
Scotopic Flux vs. Wavelength



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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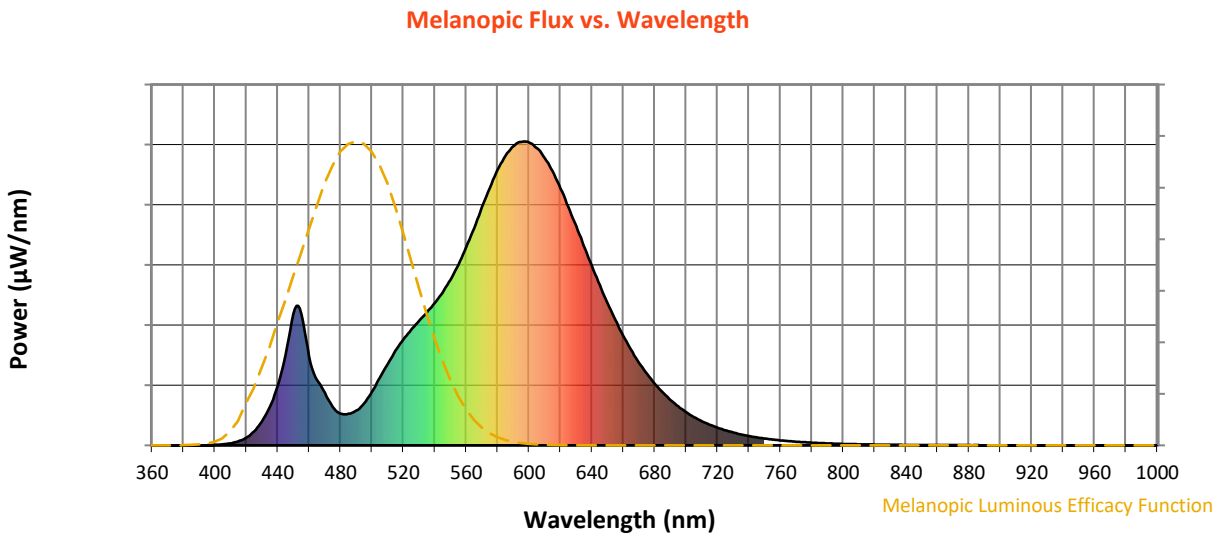

Melanopic Lumens: NR **M/P: 2.08**

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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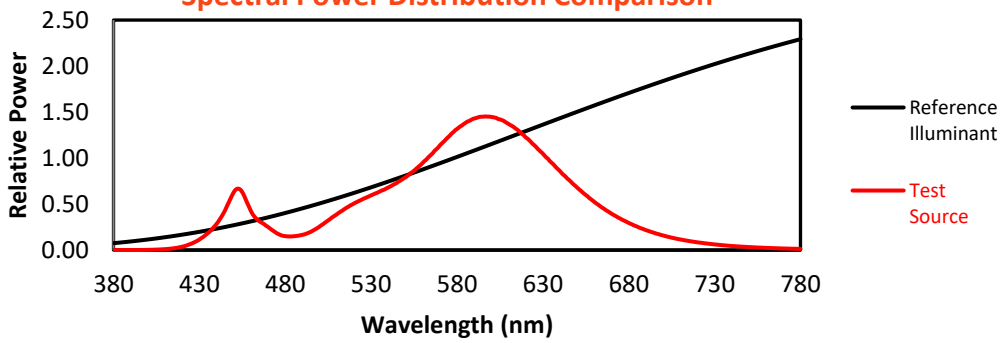
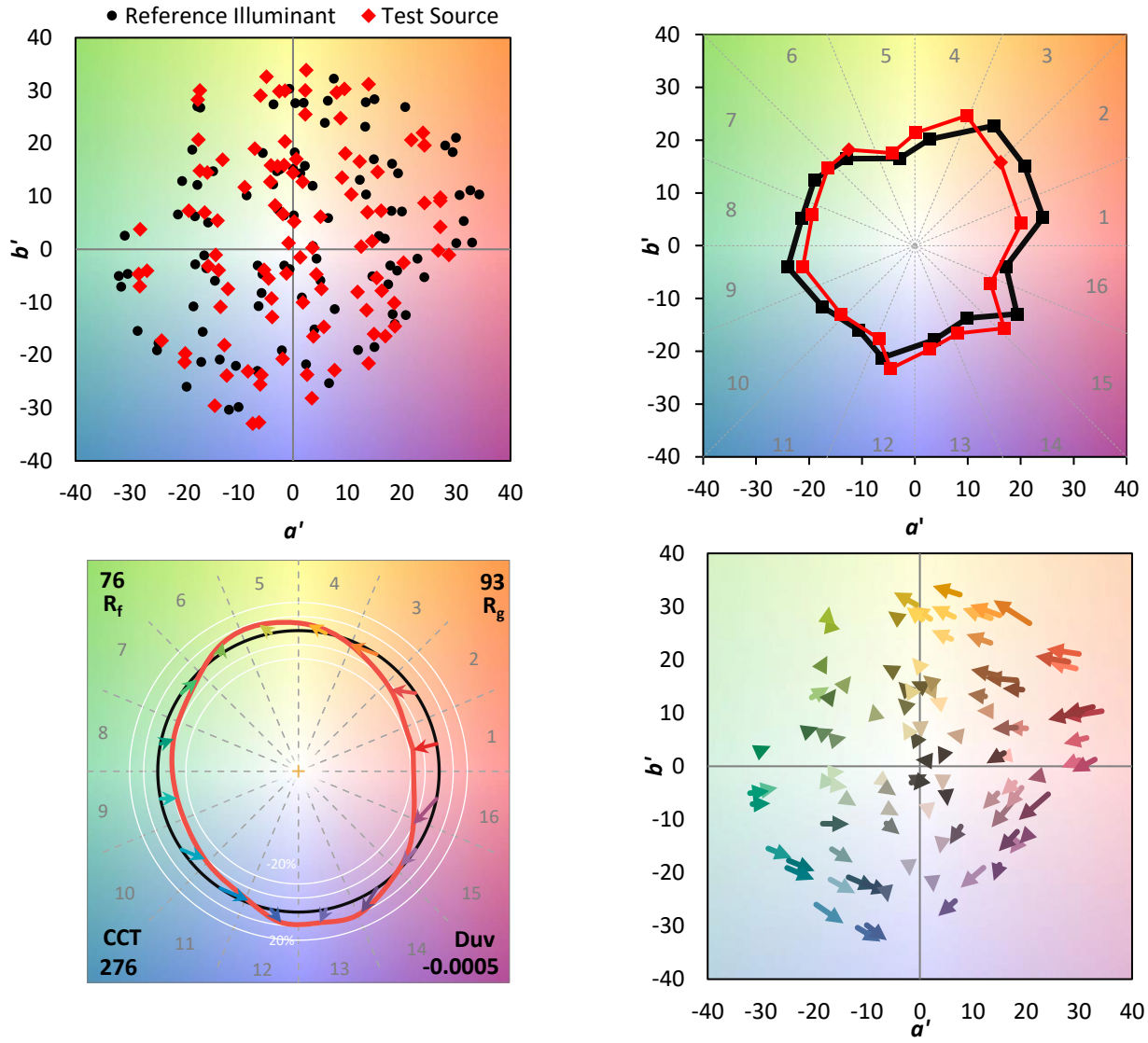
Summary

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

Spectral Power Distribution Comparison

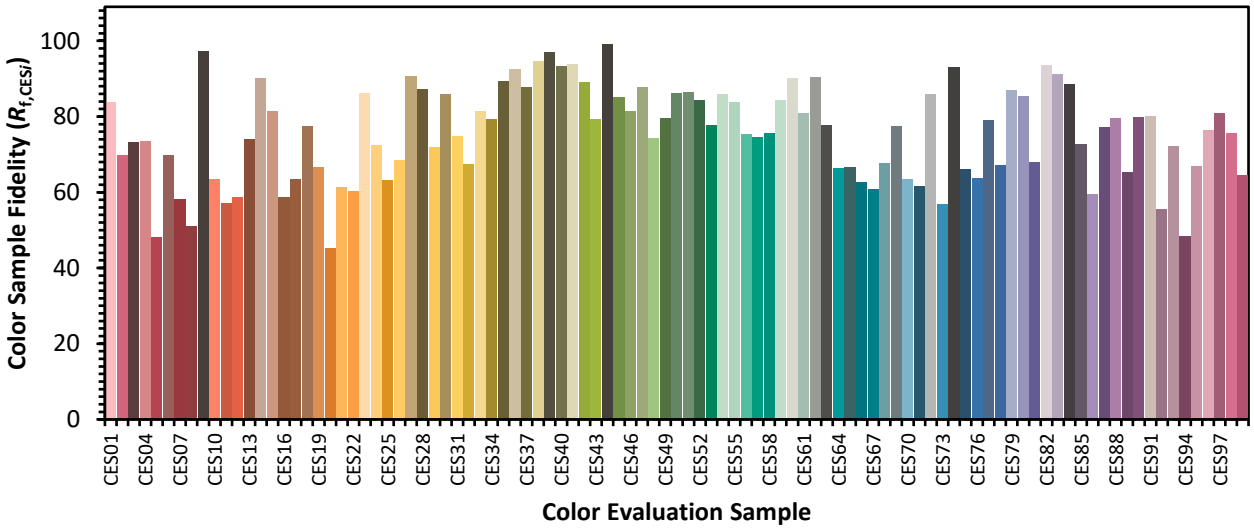


Color Vector Graphics

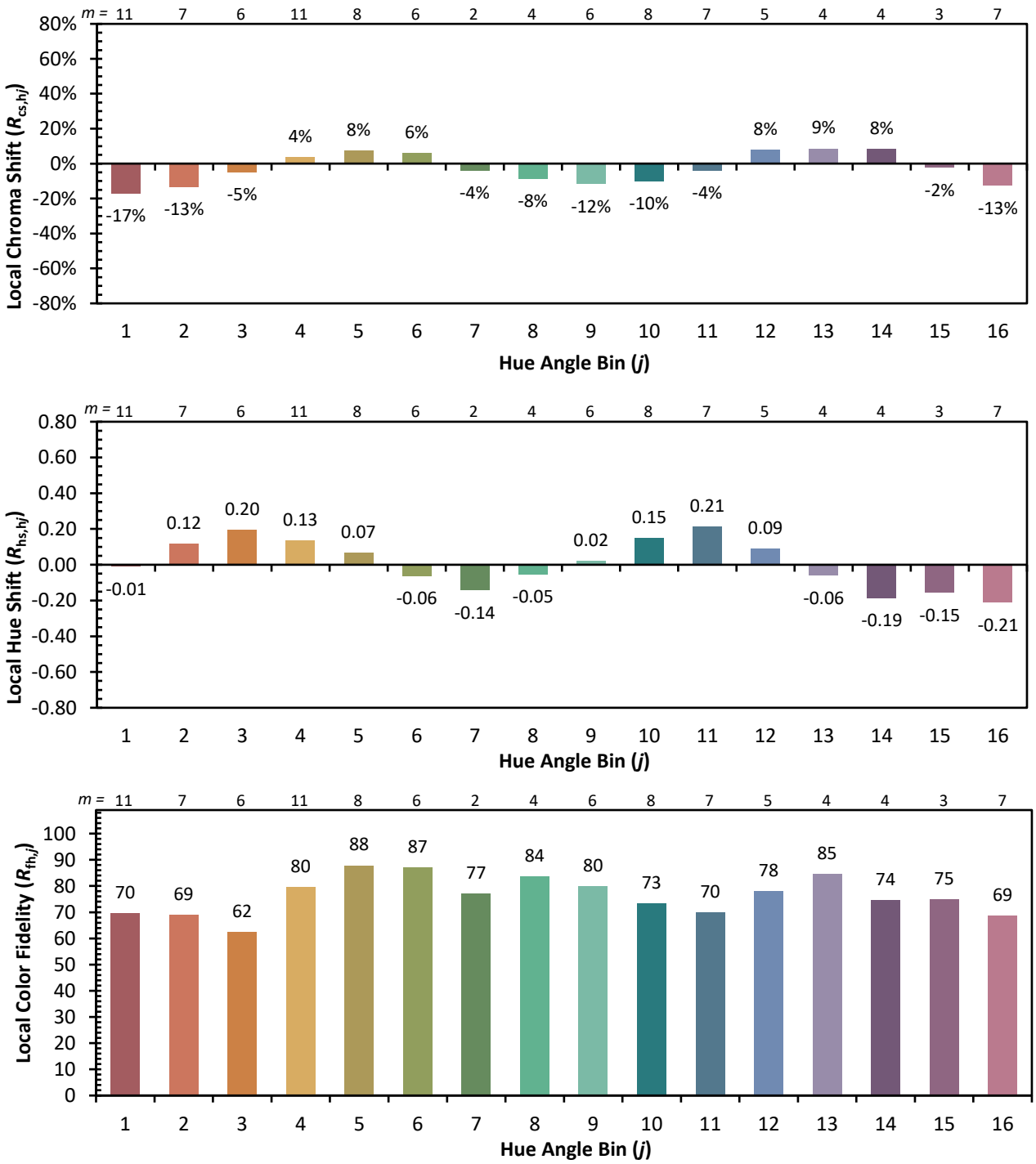


Individual Sample Fidelity Index ($R_{f,i}$)

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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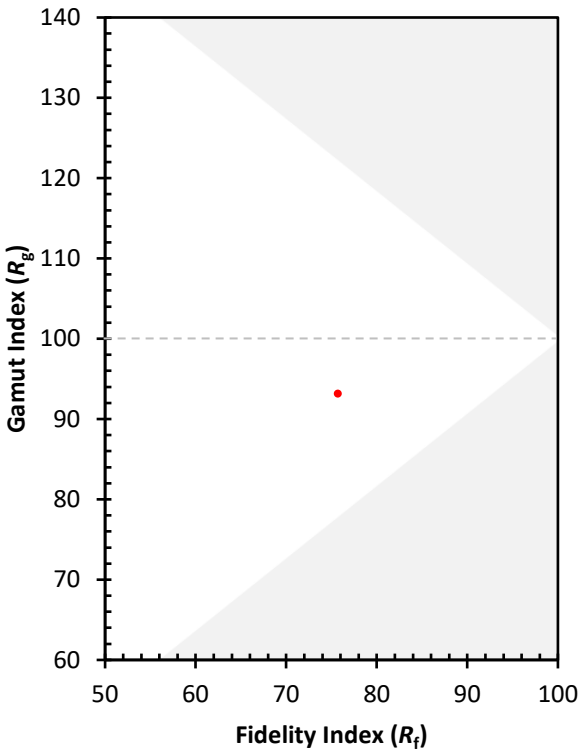
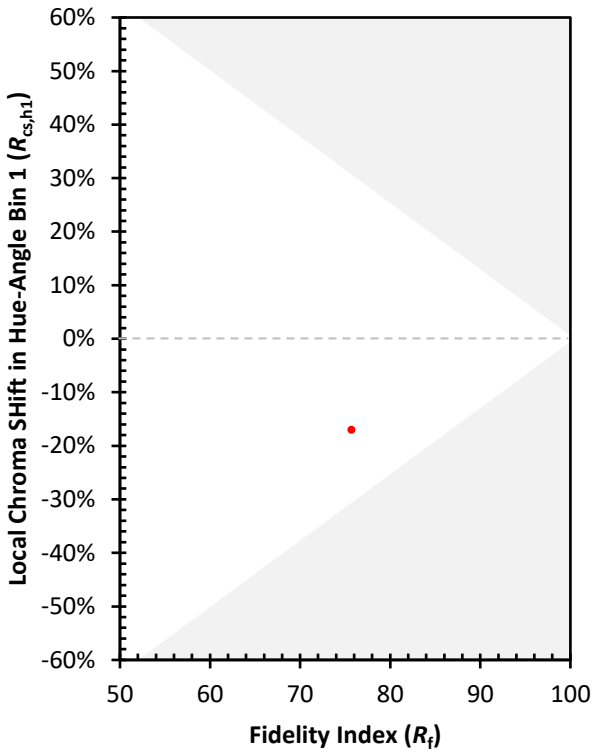
Measure Comparisons





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