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: P1503183

Luminaire Tested: PRV-P-PB2D-722-U-T2RE

Issue Date: 07/22/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1503183
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	7/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-P-PB2D-722-U-T2RE
Description:	PREVAIL PETITE DISCRETE LED 2 SQUARES AT 695MA 70CRI 2200K FIXTURE w/ TYPE II ROADWAY ILLUMIANCE DISTRIBUTION OPTIC
Light Source:	(20) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10440.2 lumens
Efficiency:	N/A
Efficacy:	110.5 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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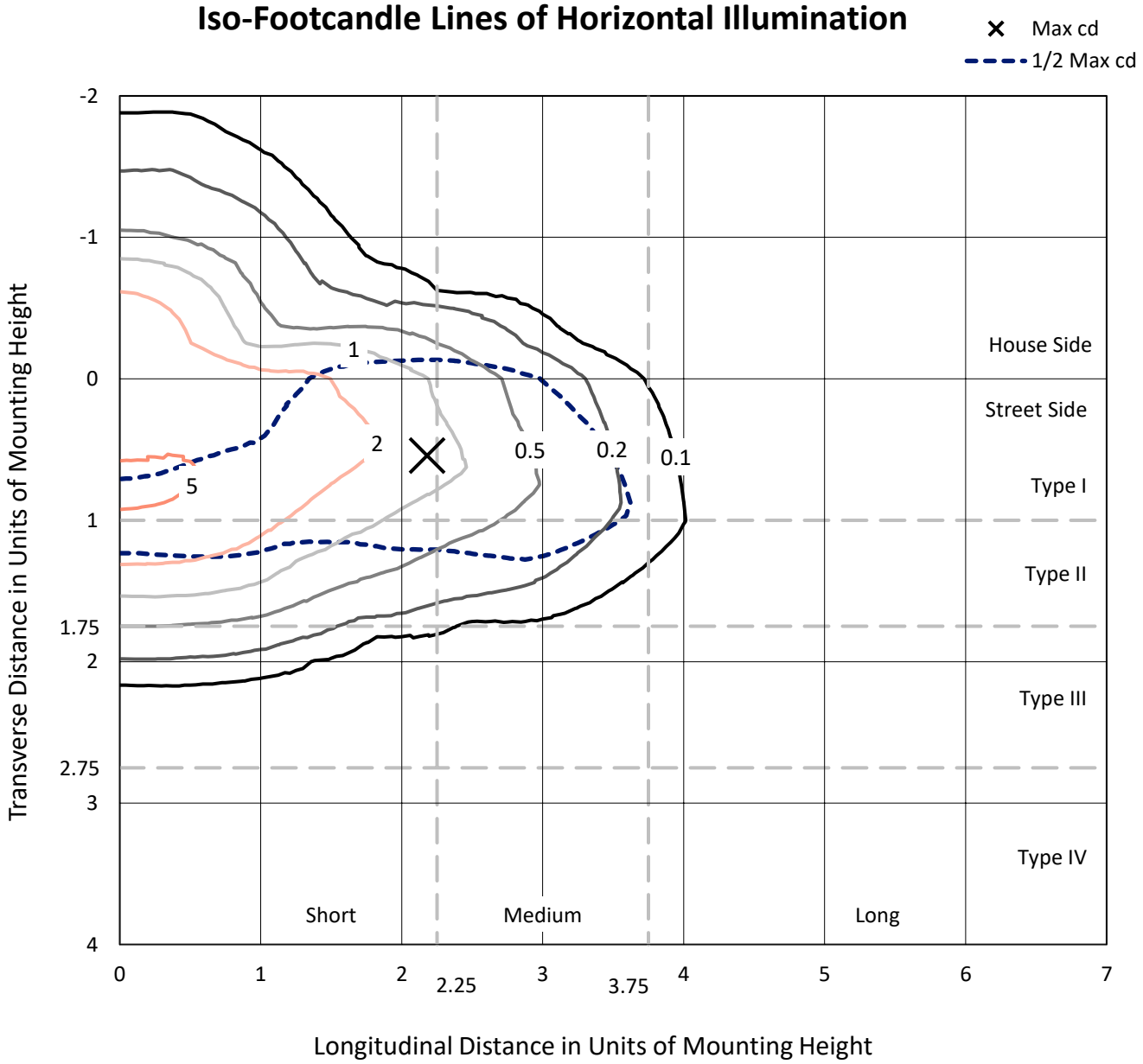
Scaled Data Report

REPORT NUMBER: P1503183
CATALOG NUMBER: PRV-P-PB2D-722-U-T2RE

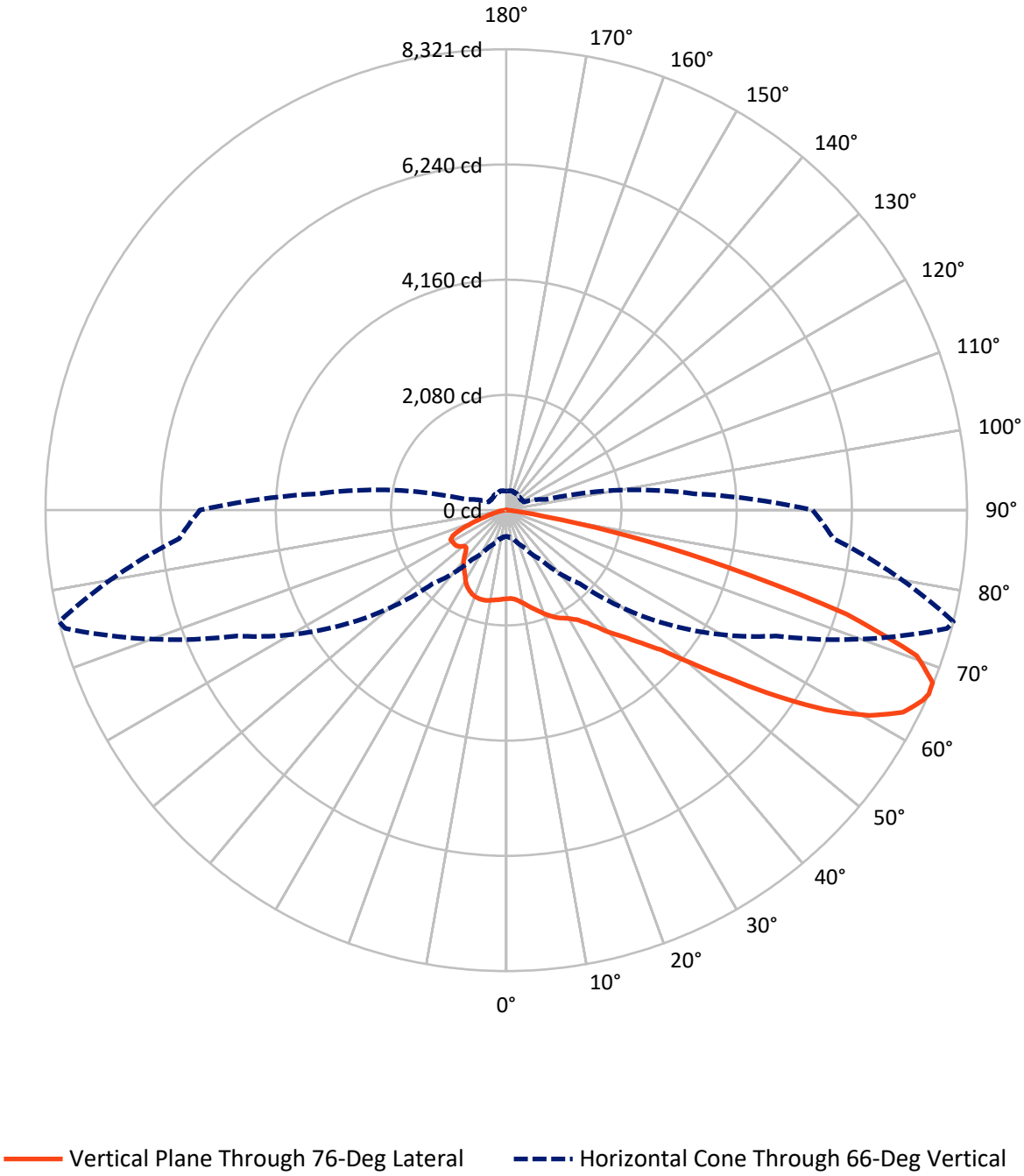
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 5.6 fc
Type II - Short - N/A

REPORT NUMBER: P1503183
CATALOG NUMBER: PRV-P-PB2D-722-U-T2RE

Luminous Intensity Polar Plot



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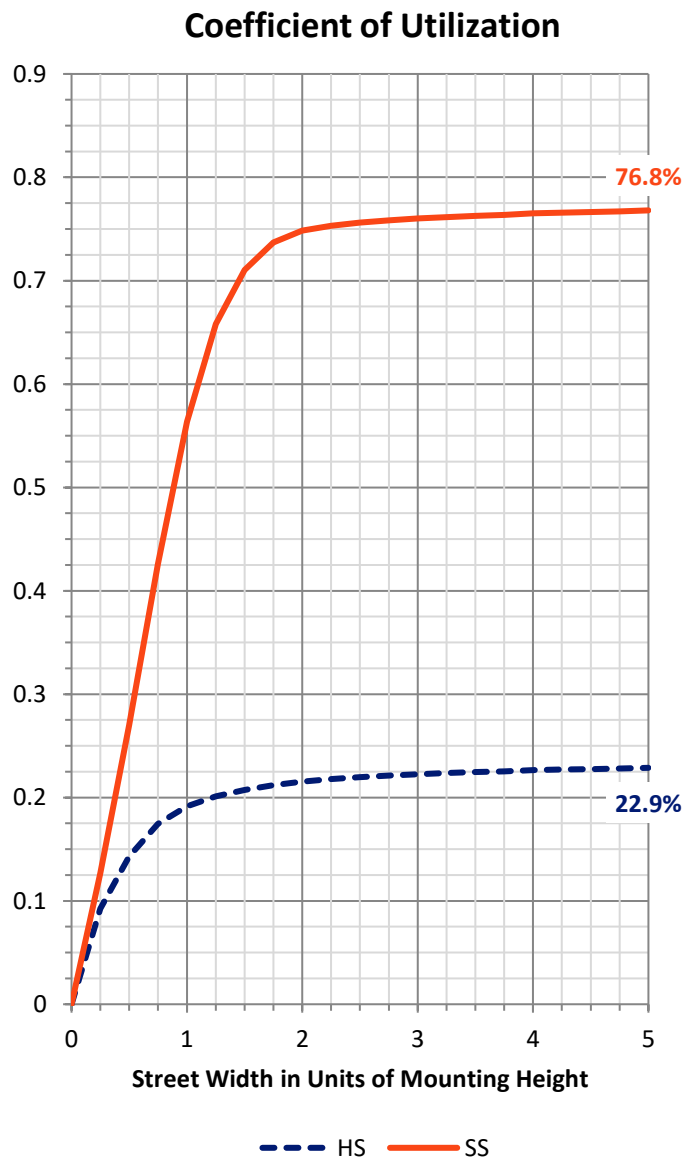
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2403.7	0.0	2403.7
	% Fixture	23.0	0.0	23.0
Street Side	Lumens	8036.5	0.0	8036.5
	% Fixture	77.0	0.0	77.0
Total	Lumens	10440.2	0.0	10440.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	150.2	1.4
10°-20°	441.3	4.2
20°-30°	839.6	8.0
30°-40°	1462.0	14.0
40°-50°	2119.2	20.3
50°-60°	2432.9	23.3
60°-70°	2032.3	19.5
70°-80°	878.7	8.4
80°-90°	83.9	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°	10440.2	100.0
0°-180°	10440.2	100.0



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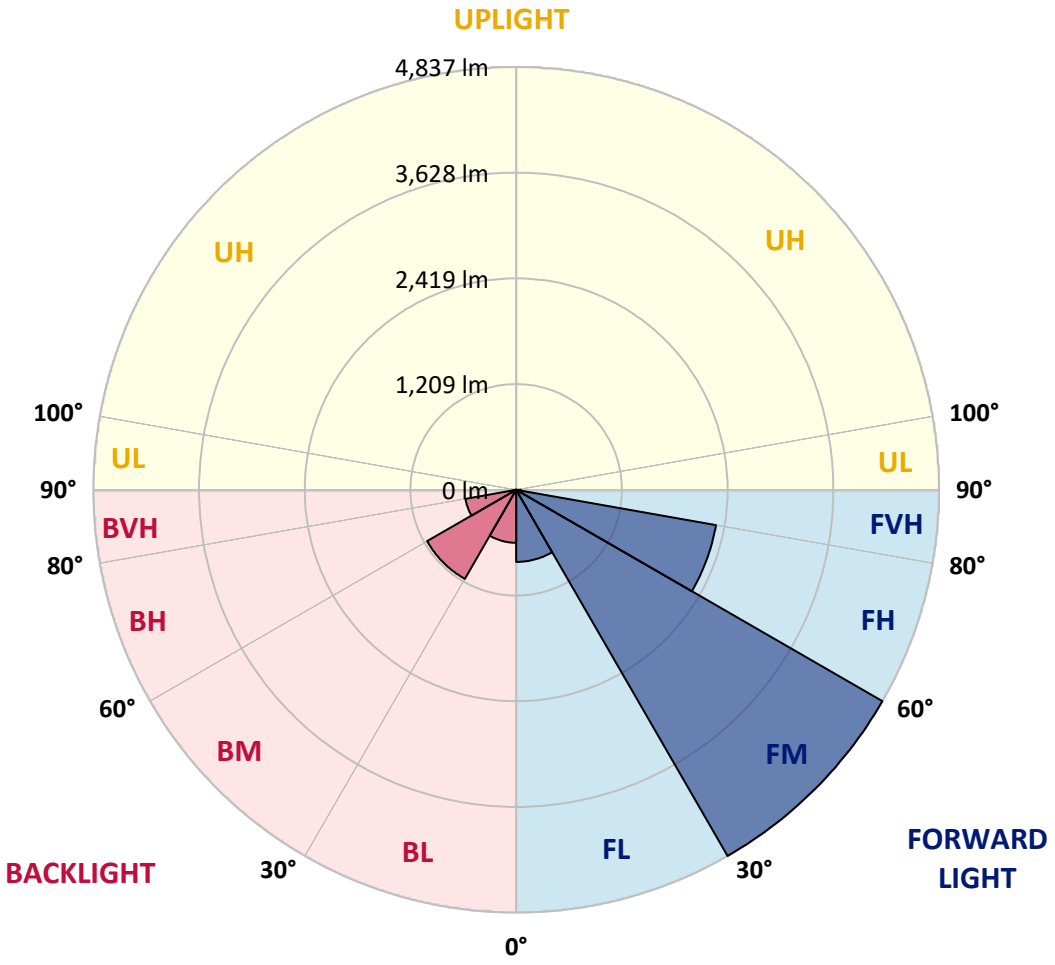
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	824.7	7.9			
FM	(30°-60°)	4837.2	46.3			
FH	(60°-80°)	2321.1	22.2			G2/5000
FVH	(80°-90°)	53.5	0.5			G1/100
BL	(0°-30°)	606.5	5.8	B2/1000		
BM	(30°-60°)	1176.8	11.3	B2/2500		
BH	(60°-80°)	589.9	5.7	B2/1000		G2/1000
BVH	(80°-90°)	30.4	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°	1598.2	1598.2	1598.2	1598.2	1598.2	1598.2	1598.2	1598.2	1598.2	*1598.2*	1598.2
2.5°	1609.4	1613.8	1620.5	1620.5	1620.5	1609.4	1607.1	1600.4	1600.4	*1596.0*	1602.7
5°	1611.6	1616.0	1631.6	1649.4	1660.5	1656.1	1649.4	1629.4	1616.0	*1613.8*	1616.0
7.5°	1469.1	1473.6	1500.3	1538.1	1584.9	1629.4	1678.4	1680.6	1651.6	*1656.1*	1642.7
10°	1382.3	1380.1	1393.4	1417.9	1480.2	1560.4	1645.0	1714.0	1711.7	*1709.5*	1691.7
12.5°	1426.8	1426.8	1429.1	1438.0	1453.5	1493.6	1611.6	1725.1	1771.8	*1774.1*	1749.6
15°	1531.4	1529.2	1527.0	1531.4	1522.5	1520.3	1584.9	1727.3	1845.3	*1845.3*	1829.7
17.5°	1638.3	1638.3	1647.2	1656.1	1653.9	1618.3	1620.5	1747.4	1916.5	*1918.8*	1912.1
20°	1796.3	1789.7	1798.6	1809.7	1805.2	1769.6	1716.2	1780.7	1992.2	*2003.3*	2007.8
22.5°	1983.3	1972.2	1983.3	1990.0	1987.8	1929.9	1865.3	1843.1	2059.0	*2076.8*	2114.6
25°	2219.3	2205.9	2230.4	2239.3	2221.5	2154.7	2045.6	1938.8	2125.8	*2152.5*	2210.4
27.5°	2559.8	2546.5	2564.3	2579.9	2539.8	2424.0	2263.8	2063.4	2183.6	*2208.1*	2294.9
30°	3051.8	3080.7	3013.9	2980.5	2911.5	2742.4	2526.4	2225.9	2246.0	*2270.5*	2370.6
32.5°	3623.8	3626.0	3574.9	3407.9	3303.3	3107.4	2833.6	2453.0	2341.7	*2359.5*	2441.9
35°	4104.6	4093.5	4044.5	3942.1	3728.4	3496.9	3167.5	2709.0	2473.0	*2497.5*	2530.9
37.5°	4471.9	4465.2	4465.2	4371.7	4184.8	3895.4	3521.4	3011.7	2668.9	*2684.5*	2655.5
40°	4772.4	4763.5	4790.2	4765.7	4623.3	4291.6	3850.9	3274.4	2898.2	*2916.0*	2784.6
42.5°	5032.8	5017.3	5048.4	5061.8	4979.4	4685.6	4193.7	3557.0	3129.7	*3131.9*	2936.0
45°	5288.8	5286.6	5322.2	5342.2	5279.9	4983.9	4491.9	3884.3	3405.7	*3423.5*	3136.3
47.5°	5084.0	5101.8	5255.4	5444.6	5524.8	5266.6	4783.5	4200.3	3770.7	*3764.1*	3383.4
50°	4434.1	4507.5	4805.8	5193.1	5524.8	5478.0	5050.6	4558.7	4276.0	*4342.8*	3817.5
52.5°	3577.1	3554.8	3993.3	4603.2	5219.8	5442.4	5297.7	4961.6	5003.9	*5055.1*	4284.9
55°	2793.5	2842.5	3178.6	3857.5	4547.6	5104.1	5404.6	5415.7	5847.5	*5909.9*	4734.6
57.5°	2372.8	2417.4	2677.8	3294.4	3855.3	4469.7	5275.5	5894.3	6706.7	*6802.5*	5166.4
60°	1714.0	1736.2	2032.3	2631.1	3387.9	3683.9	4883.7	6172.5	7503.6	*7525.9*	5553.7
62.5°	979.4	1010.6	1184.2	1736.2	2604.3	3180.9	4311.6	6134.7	8015.6	*8040.1*	5905.4
65°	534.2	556.5	663.3	943.8	1493.6	2466.3	3770.7	5660.6	8220.4	*8271.6*	6003.3
66°	*474.1*	*483.0*	*552.0*	*730.1*	*1090.7*	*1874.2*	*3617.1*	*5373.4*	*8244.9*	*8320.5*	*5932.1*
67.5°	456.3	456.3	494.2	589.9	723.4	1246.5	3225.4	5003.9	8198.1	*8305.0*	5754.0
70°	443.0	445.2	476.4	500.8	469.7	429.6	1996.7	4512.0	7643.9	*7862.0*	5317.8
72.5°	405.1	405.1	447.4	471.9	382.9	269.3	779.1	3810.8	6263.8	*6424.1*	4438.5
75°	336.1	340.6	382.9	420.7	353.9	220.4	233.7	2179.2	4082.4	*4129.1*	2993.9
77.5°	260.4	267.1	316.1	331.7	320.5	202.6	189.2	845.9	2234.8	*2288.3*	1400.1
80°	187.0	193.7	240.4	262.7	256.0	195.9	162.5	264.9	714.5	*674.5*	429.6
82.5°	118.0	118.0	146.9	189.2	175.8	169.2	133.6	160.3	209.2	*207.0*	149.1
85°	42.3	46.7	66.8	84.6	80.1	89.0	77.9	89.0	97.9	*93.5*	57.9
87.5°	2.2	2.2	2.2	4.5	4.5	8.9	8.9	11.1	8.9	*11.1*	11.1
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: P1503183
CATALOG NUMBER: PRV-P-PB2D-722-U-T2RE

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1598.2	1598.2	1598.2	1598.2	1598.2	1598.2	1598.2	1598.2	1598.2	1598.2	1598.2
2.5°	1602.7	1602.7	1607.1	1611.6	1616.0	1607.1	1604.9	1604.9	1596.0	1598.2	1602.7
5°	1616.0	1616.0	1620.5	1616.0	1600.4	1576.0	1560.4	1551.5	1531.4	1533.7	1533.7
7.5°	1640.5	1640.5	1631.6	1600.4	1564.8	1520.3	1491.4	1475.8	1449.1	1453.5	1453.5
10°	1685.0	1678.4	1645.0	1578.2	1511.4	1453.5	1422.4	1400.1	1384.5	1377.9	1380.1
12.5°	1749.6	1738.5	1658.3	1542.6	1446.9	1391.2	1366.7	1351.1	1342.2	1337.8	1340.0
15°	1825.3	1805.2	1658.3	1493.6	1386.8	1335.6	1317.8	1324.4	1335.6	1340.0	1344.5
17.5°	1909.9	1876.5	1647.2	1442.4	1326.7	1291.0	1306.6	1331.1	1353.4	1362.3	1364.5
20°	2001.1	1941.0	1631.6	1382.3	1279.9	1282.1	1317.8	1346.7	1364.5	1371.2	1373.4
22.5°	2092.4	1992.2	1598.2	1313.3	1259.9	1286.6	1322.2	1346.7	1357.8	1362.3	1364.5
25°	2168.1	2021.1	1549.3	1266.6	1251.0	1286.6	1315.5	1333.3	1344.5	1351.1	1353.4
27.5°	2234.8	2027.8	1500.3	1230.9	1244.3	1279.9	1302.2	1320.0	1333.3	1337.8	1340.0
30°	2277.1	2010.0	1429.1	1202.0	1233.2	1264.3	1286.6	1302.2	1313.3	1320.0	1322.2
32.5°	2310.5	1994.4	1333.3	1168.6	1210.9	1246.5	1266.6	1275.5	1279.9	1284.4	1284.4
35°	2343.9	1992.2	1259.9	1126.3	1179.7	1222.0	1228.7	1219.8	1213.1	1202.0	1204.2
37.5°	2379.5	2005.6	1202.0	1075.1	1128.5	1170.8	1161.9	1133.0	1106.3	1070.7	1061.8
40°	2426.3	2012.2	1124.1	1003.9	1059.5	1084.0	1057.3	1003.9	932.7	901.5	901.5
42.5°	2499.7	2052.3	1021.7	921.5	954.9	977.2	950.5	859.2	796.9	770.2	772.4
45°	2655.5	2150.3	921.5	832.5	845.9	868.1	814.7	725.7	683.4	665.6	656.7
47.5°	2922.7	2312.7	841.4	743.5	730.1	750.1	685.6	623.3	578.7	538.7	536.5
50°	3407.9	2651.1	812.5	650.0	629.9	663.3	601.0	556.5	505.3	485.3	483.0
52.5°	3944.4	3071.8	843.6	572.1	563.2	592.1	560.9	505.3	469.7	465.2	465.2
55°	4436.3	3468.0	845.9	525.3	525.3	538.7	509.7	469.7	471.9	467.4	460.8
57.5°	4879.3	3677.2	834.7	500.8	489.7	494.2	478.6	451.9	491.9	438.5	425.2
60°	5311.1	3688.4	839.2	478.6	440.7	436.3	449.6	429.6	469.7	405.1	398.4
62.5°	5558.2	3594.9	863.7	436.3	387.3	376.2	394.0	387.3	418.5	385.1	382.9
65°	5578.2	3485.8	796.9	376.2	349.5	340.6	360.6	358.4	371.7	365.1	367.3
66°	*5531.5*	*3403.5*	*739.0*	*353.9*	*329.4*	*331.7*	*349.5*	*349.5*	*362.8*	*345.0*	*342.8*
67.5°	5360.1	3229.8	621.0	318.3	302.7	316.1	333.9	336.1	342.8	327.2	329.4
70°	4736.8	2546.5	427.4	280.5	278.2	293.8	302.7	311.6	318.3	331.7	336.1
72.5°	3639.4	1569.3	293.8	253.8	256.0	271.6	273.8	289.4	331.7	347.2	333.9
75°	2243.7	796.9	227.0	215.9	229.3	242.6	247.1	260.4	336.1	327.2	287.1
77.5°	1086.3	365.1	180.3	180.3	189.2	204.8	207.0	218.1	302.7	238.2	209.2
80°	336.1	191.4	142.5	142.5	146.9	149.1	160.3	173.6	200.3	126.9	129.1
82.5°	138.0	129.1	109.1	102.4	91.3	91.3	91.3	113.5	102.4	53.4	20.0
85°	62.3	53.4	51.2	42.3	40.1	35.6	35.6	55.6	40.1	13.4	0.0
87.5°	6.7	6.7	6.7	6.7	4.5	2.2	2.2	2.2	2.2	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: SP2-2501-321-2

Test Date: 04/09/2025

Luminaire Tested: GKO-PB1E-722-U-T4W

Data in this report applies to families of products including GKO-PB1E-722-U-T4W

Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

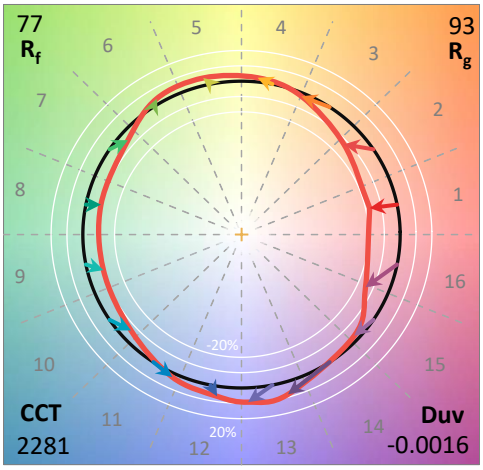
Test Information

Test Method:	LM-79-2019
Report Number:	SP2-2501-321-2
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-722-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	2281	CRI (Ra):		70.6			
CIE u':	0.2851	R1:		68.4	R9:		-35.1
CIE v':	0.5324	R2:		88.7	R10:		78.0
Duv:	-0.0016	R3:		85.7	R11:		60.2
CIE x:	0.4942	R4:		63.2	R12:		73.8
CIE y:	0.4102	R5:		69.0	R13:		72.8
CIE z:	0.0956	R6:		88.6	R14:		92.4
Peak Wavelength (nm):	602	R7:		68.8	R15:		58.4
Dominant Wavelength (nm):	587	R8:		32.6			
Purity:	71.48321						

Rf:	76.9
Rg:	92.6



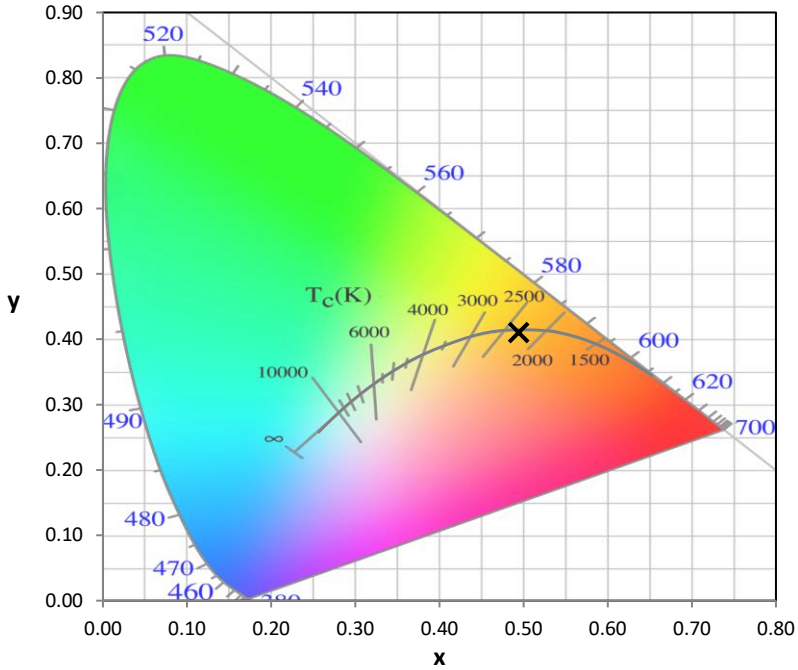
Test Conditions

Stabilization Time:	40M
Operation Time:	1H 40M
Sphere Temperature (°C):	25.0

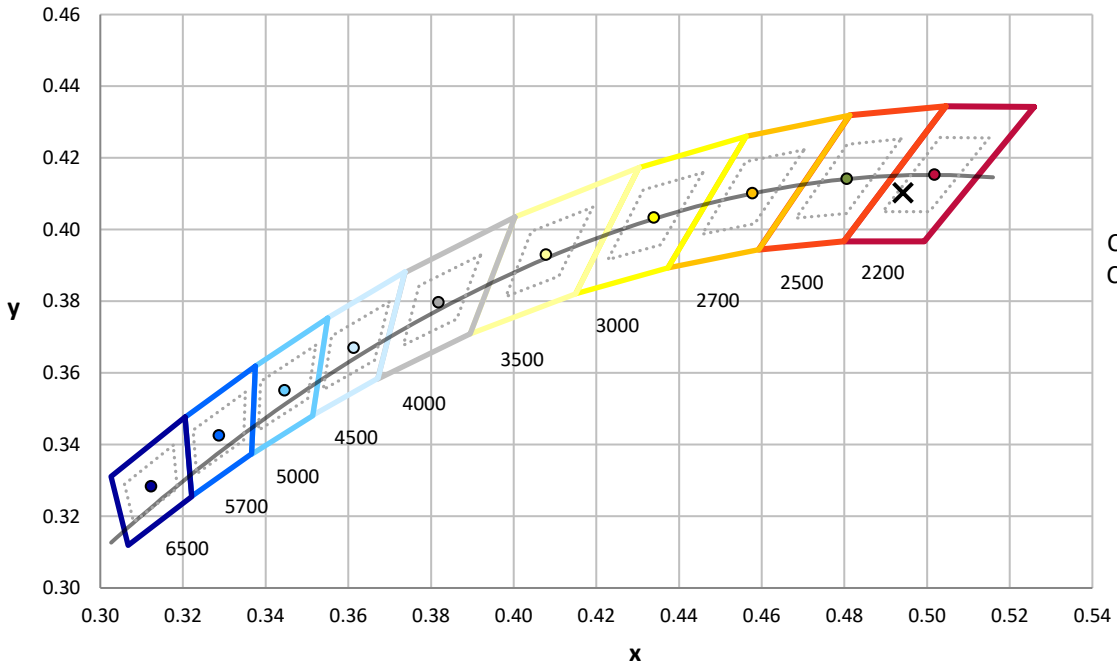
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B	10/22/2024	10/22/2025
Room Thermometer	IN0046	10/22/2024	10/22/2025

REPORT NUMBER: SP2-2501-321-2

CIE 1931 Chromaticity Diagram



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

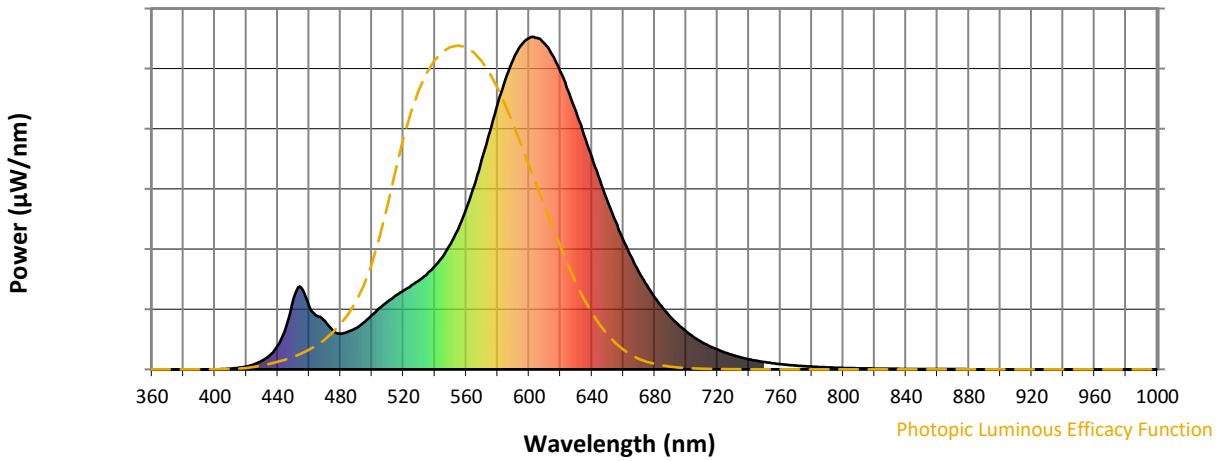


CCT = 2281K
CIE x = 0.4942
CIE y = 0.4102
Duv = -0.0016

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-2

Photopic Flux vs. Wavelength

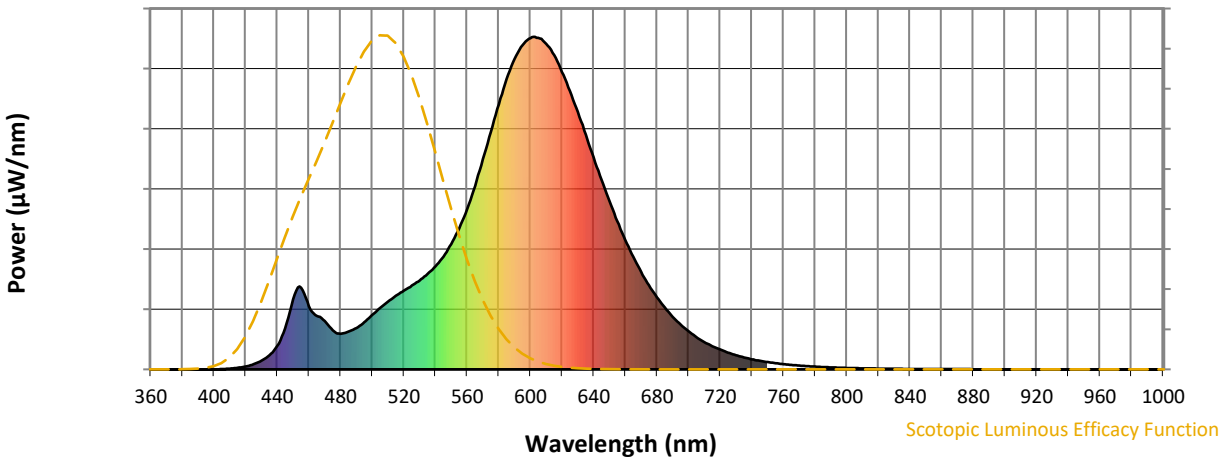


Photopic Lumens: NR

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	124	NR	620	894	NR	750	22	NR	880	0	NR
365	0	NR	495	141	NR	625	837	NR	755	19	NR	885	0	NR
370	0	NR	500	163	NR	630	774	NR	760	16	NR	890	0	NR
375	0	NR	505	184	NR	635	706	NR	765	13	NR	895	0	NR
380	0	NR	510	204	NR	640	638	NR	770	11	NR	900	0	NR
385	0	NR	515	221	NR	645	570	NR	775	10	NR	905	0	NR
390	0	NR	520	237	NR	650	505	NR	780	8	NR	910	0	NR
395	0	NR	525	252	NR	655	446	NR	785	7	NR	915	0	NR
400	0	NR	530	268	NR	660	389	NR	790	6	NR	920	0	NR
405	1	NR	535	287	NR	665	339	NR	795	5	NR	925	0	NR
410	2	NR	540	310	NR	670	292	NR	800	4	NR	930	0	NR
415	5	NR	545	339	NR	675	253	NR	805	4	NR	935	0	NR
420	9	NR	550	377	NR	680	217	NR	810	3	NR	940	0	NR
425	15	NR	555	424	NR	685	186	NR	815	3	NR	945	0	NR
430	26	NR	560	482	NR	690	158	NR	820	2	NR	950	0	NR
435	43	NR	565	551	NR	695	135	NR	825	2	NR	955	0	NR
440	71	NR	570	632	NR	700	114	NR	830	2	NR	960	0	NR
445	123	NR	575	714	NR	705	97	NR	835	2	NR	965	0	NR
450	210	NR	580	797	NR	710	82	NR	840	1	NR	970	0	NR
455	245	NR	585	873	NR	715	70	NR	845	1	NR	975	0	NR
460	190	NR	590	934	NR	720	59	NR	850	1	NR	980	0	NR
465	161	NR	595	975	NR	725	50	NR	855	1	NR	985	0	NR
470	145	NR	600	996	NR	730	43	NR	860	1	NR	990	0	NR
475	117	NR	605	997	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	978	NR	740	30	NR	870	1	NR	1000	0	NR
485	113	NR	615	945	NR	745	26	NR	875	1	NR			

REPORT NUMBER: SP2-2501-321-2

Scotopic Flux vs. Wavelength

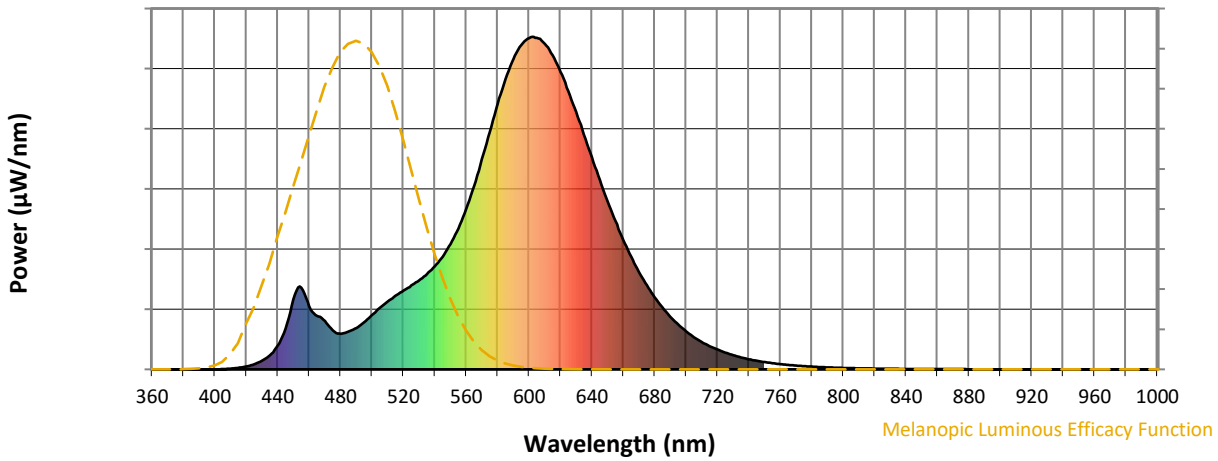


Scotopic Lumens: NR **S/P: 0.98**

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	124	NR	620	894	NR	750	22	NR	880	0	NR
365	0	NR	495	141	NR	625	837	NR	755	19	NR	885	0	NR
370	0	NR	500	163	NR	630	774	NR	760	16	NR	890	0	NR
375	0	NR	505	184	NR	635	706	NR	765	13	NR	895	0	NR
380	0	NR	510	204	NR	640	638	NR	770	11	NR	900	0	NR
385	0	NR	515	221	NR	645	570	NR	775	10	NR	905	0	NR
390	0	NR	520	237	NR	650	505	NR	780	8	NR	910	0	NR
395	0	NR	525	252	NR	655	446	NR	785	7	NR	915	0	NR
400	0	NR	530	268	NR	660	389	NR	790	6	NR	920	0	NR
405	1	NR	535	287	NR	665	339	NR	795	5	NR	925	0	NR
410	2	NR	540	310	NR	670	292	NR	800	4	NR	930	0	NR
415	5	NR	545	339	NR	675	253	NR	805	4	NR	935	0	NR
420	9	NR	550	377	NR	680	217	NR	810	3	NR	940	0	NR
425	15	NR	555	424	NR	685	186	NR	815	3	NR	945	0	NR
430	26	NR	560	482	NR	690	158	NR	820	2	NR	950	0	NR
435	43	NR	565	551	NR	695	135	NR	825	2	NR	955	0	NR
440	71	NR	570	632	NR	700	114	NR	830	2	NR	960	0	NR
445	123	NR	575	714	NR	705	97	NR	835	2	NR	965	0	NR
450	210	NR	580	797	NR	710	82	NR	840	1	NR	970	0	NR
455	245	NR	585	873	NR	715	70	NR	845	1	NR	975	0	NR
460	190	NR	590	934	NR	720	59	NR	850	1	NR	980	0	NR
465	161	NR	595	975	NR	725	50	NR	855	1	NR	985	0	NR
470	145	NR	600	996	NR	730	43	NR	860	1	NR	990	0	NR
475	117	NR	605	997	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	978	NR	740	30	NR	870	1	NR	1000	0	NR
485	113	NR	615	945	NR	745	26	NR	875	1	NR			

REPORT NUMBER: SP2-2501-321-2

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.75**

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	124	NR	620	894	NR	750	22	NR	880	0	NR
365	0	NR	495	141	NR	625	837	NR	755	19	NR	885	0	NR
370	0	NR	500	163	NR	630	774	NR	760	16	NR	890	0	NR
375	0	NR	505	184	NR	635	706	NR	765	13	NR	895	0	NR
380	0	NR	510	204	NR	640	638	NR	770	11	NR	900	0	NR
385	0	NR	515	221	NR	645	570	NR	775	10	NR	905	0	NR
390	0	NR	520	237	NR	650	505	NR	780	8	NR	910	0	NR
395	0	NR	525	252	NR	655	446	NR	785	7	NR	915	0	NR
400	0	NR	530	268	NR	660	389	NR	790	6	NR	920	0	NR
405	1	NR	535	287	NR	665	339	NR	795	5	NR	925	0	NR
410	2	NR	540	310	NR	670	292	NR	800	4	NR	930	0	NR
415	5	NR	545	339	NR	675	253	NR	805	4	NR	935	0	NR
420	9	NR	550	377	NR	680	217	NR	810	3	NR	940	0	NR
425	15	NR	555	424	NR	685	186	NR	815	3	NR	945	0	NR
430	26	NR	560	482	NR	690	158	NR	820	2	NR	950	0	NR
435	43	NR	565	551	NR	695	135	NR	825	2	NR	955	0	NR
440	71	NR	570	632	NR	700	114	NR	830	2	NR	960	0	NR
445	123	NR	575	714	NR	705	97	NR	835	2	NR	965	0	NR
450	210	NR	580	797	NR	710	82	NR	840	1	NR	970	0	NR
455	245	NR	585	873	NR	715	70	NR	845	1	NR	975	0	NR
460	190	NR	590	934	NR	720	59	NR	850	1	NR	980	0	NR
465	161	NR	595	975	NR	725	50	NR	855	1	NR	985	0	NR
470	145	NR	600	996	NR	730	43	NR	860	1	NR	990	0	NR
475	117	NR	605	997	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	978	NR	740	30	NR	870	1	NR	1000	0	NR
485	113	NR	615	945	NR	745	26	NR	875	1	NR			

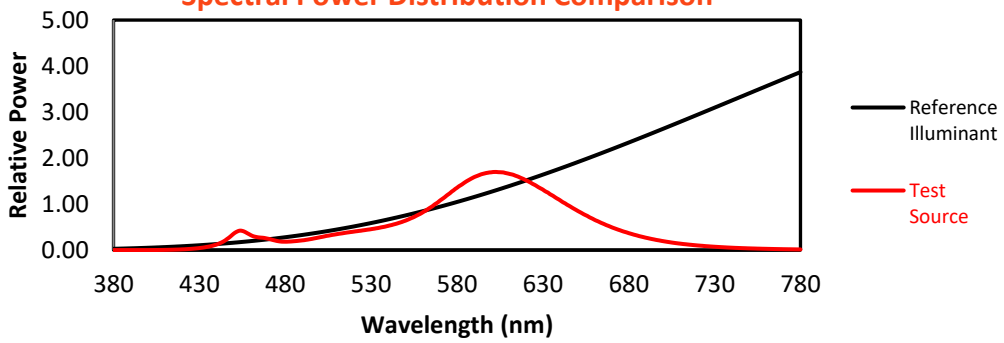
REPORT NUMBER: SP2-2501-321-2

TM-30-18

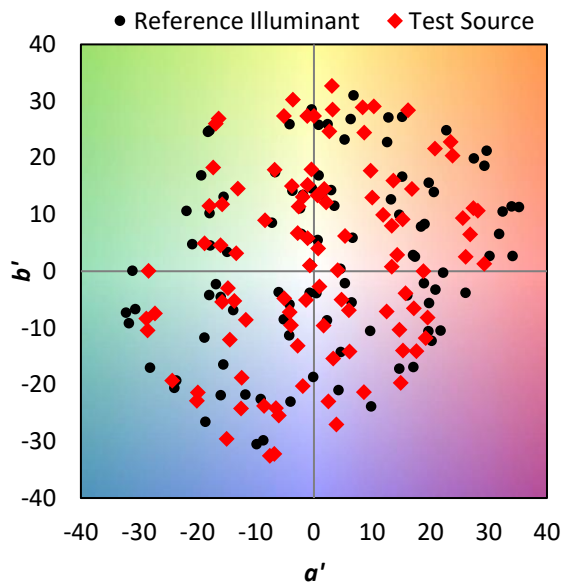
Summary

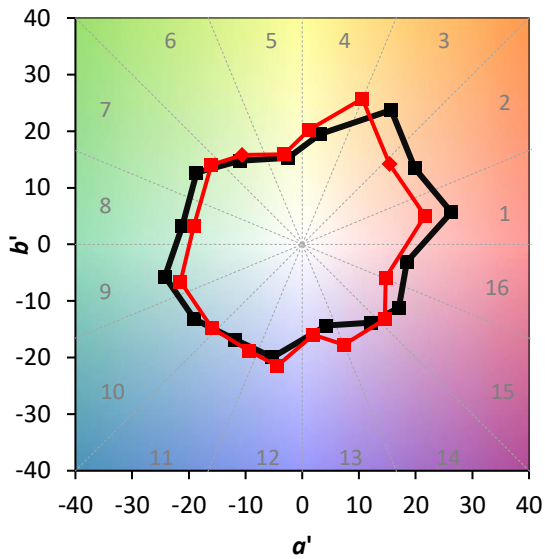
R_f = 76.9
R_g = 92.6
CIE R_a = 70.6
R_9 = -35.1

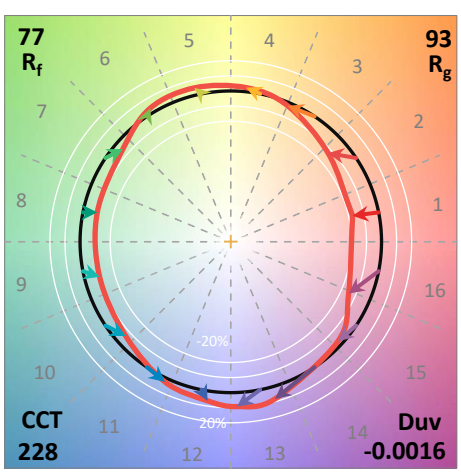
Spectral Power Distribution Comparison

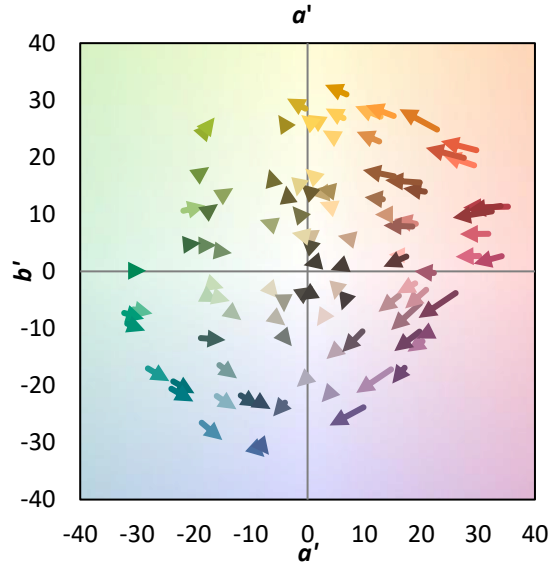


Color Vector Graphics



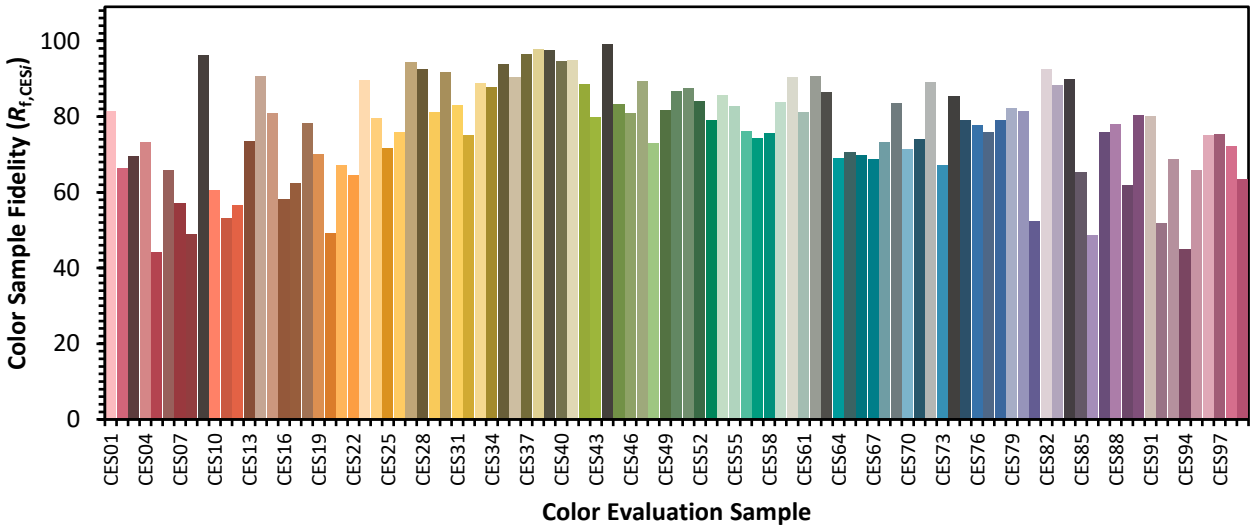




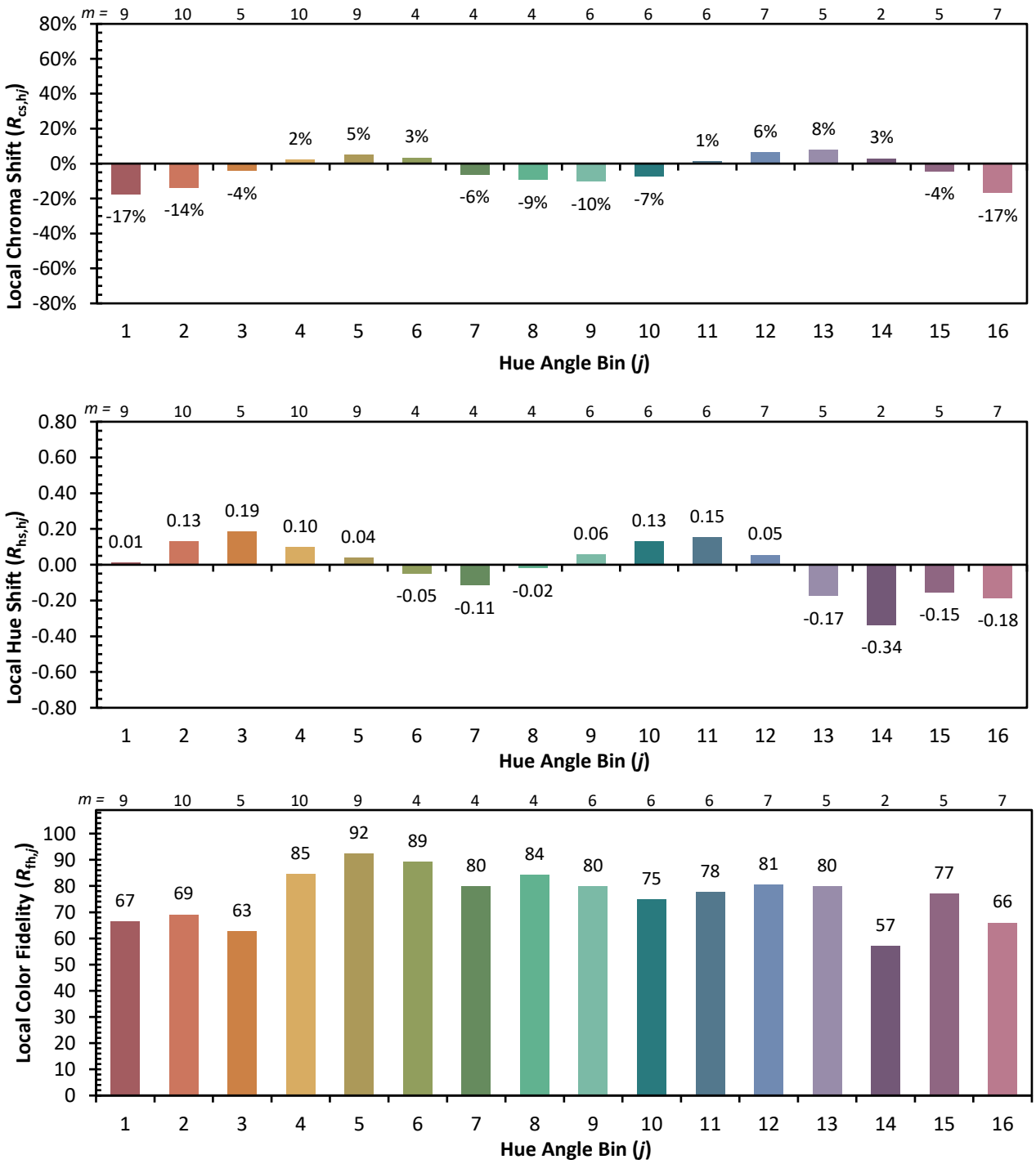


Individual Sample Fidelity Index ($R_{f,i}$)

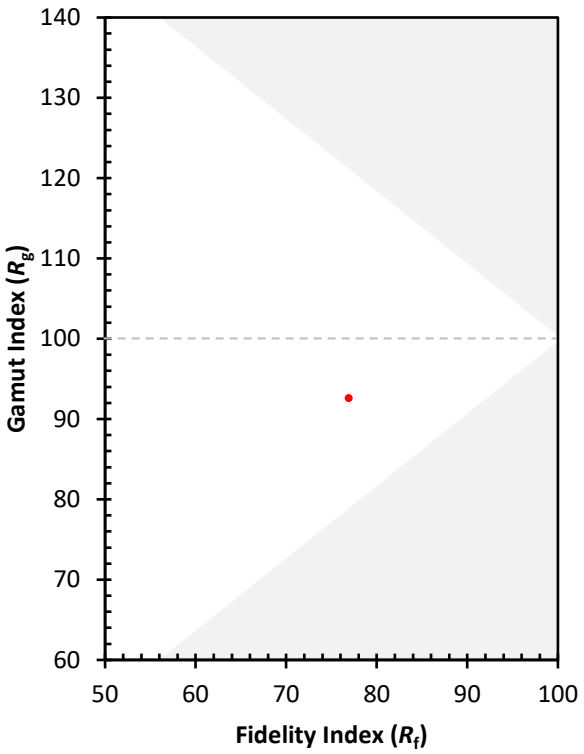
CES01 = 87	CES26 = 76	CES51 = 88	CES76 = 78
CES02 = 65	CES27 = 94	CES52 = 84	CES77 = 76
CES03 = 32	CES28 = 93	CES53 = 79	CES78 = 79
CES04 = 72	CES29 = 81	CES54 = 86	CES79 = 82
CES05 = 51	CES30 = 92	CES55 = 83	CES80 = 81
CES06 = 52	CES31 = 83	CES56 = 76	CES81 = 52
CES07 = 44	CES32 = 75	CES57 = 74	CES82 = 92
CES08 = 42	CES33 = 89	CES58 = 76	CES83 = 88
CES09 = 29	CES34 = 88	CES59 = 84	CES84 = 90
CES10 = 79	CES35 = 94	CES60 = 91	CES85 = 65
CES11 = 62	CES36 = 90	CES61 = 81	CES86 = 49
CES12 = 68	CES37 = 96	CES62 = 91	CES87 = 76
CES13 = 44	CES38 = 98	CES63 = 86	CES88 = 78
CES14 = 75	CES39 = 98	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 95	CES65 = 71	CES90 = 80
CES16 = 48	CES41 = 95	CES66 = 70	CES91 = 80
CES17 = 51	CES42 = 89	CES67 = 69	CES92 = 52
CES18 = 57	CES43 = 80	CES68 = 73	CES93 = 69
CES19 = 74	CES44 = 99	CES69 = 84	CES94 = 45
CES20 = 68	CES45 = 83	CES70 = 71	CES95 = 66
CES21 = 88	CES46 = 81	CES71 = 74	CES96 = 75
CES22 = 81	CES47 = 89	CES72 = 89	CES97 = 75
CES23 = 92	CES48 = 73	CES73 = 67	CES98 = 72
CES24 = 92	CES49 = 82	CES74 = 85	CES99 = 64
CES25 = 73	CES50 = 87	CES75 = 79	

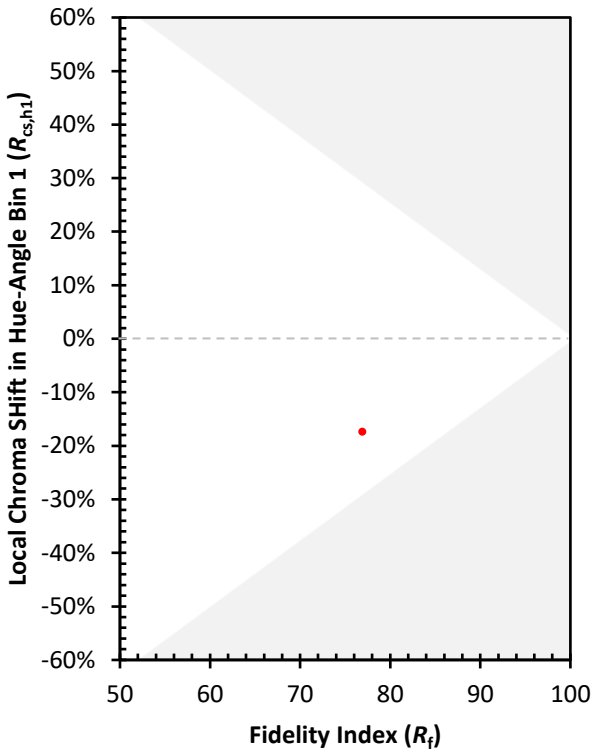


Color Rendition by Hue-Angle Bin



Measure Comparisons





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