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: P1461174

Luminaire Tested: PRV-PC1B-722-U-T2RE

Issue Date: 06/10/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1461174
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/10/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-PC1B-722-U-T2RE
Description:	PREVAIL DISCRETE LED 1 SQUARE AT 585MA 70CRI 2200K FIXTURE w/ TYPE II ROADWAY ILLUMINANCE DISTRIBUTION OPTIC
Light Source:	(40) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9889 lumens
Efficiency:	N/A
Efficacy:	135.5 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):	73
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	2.73%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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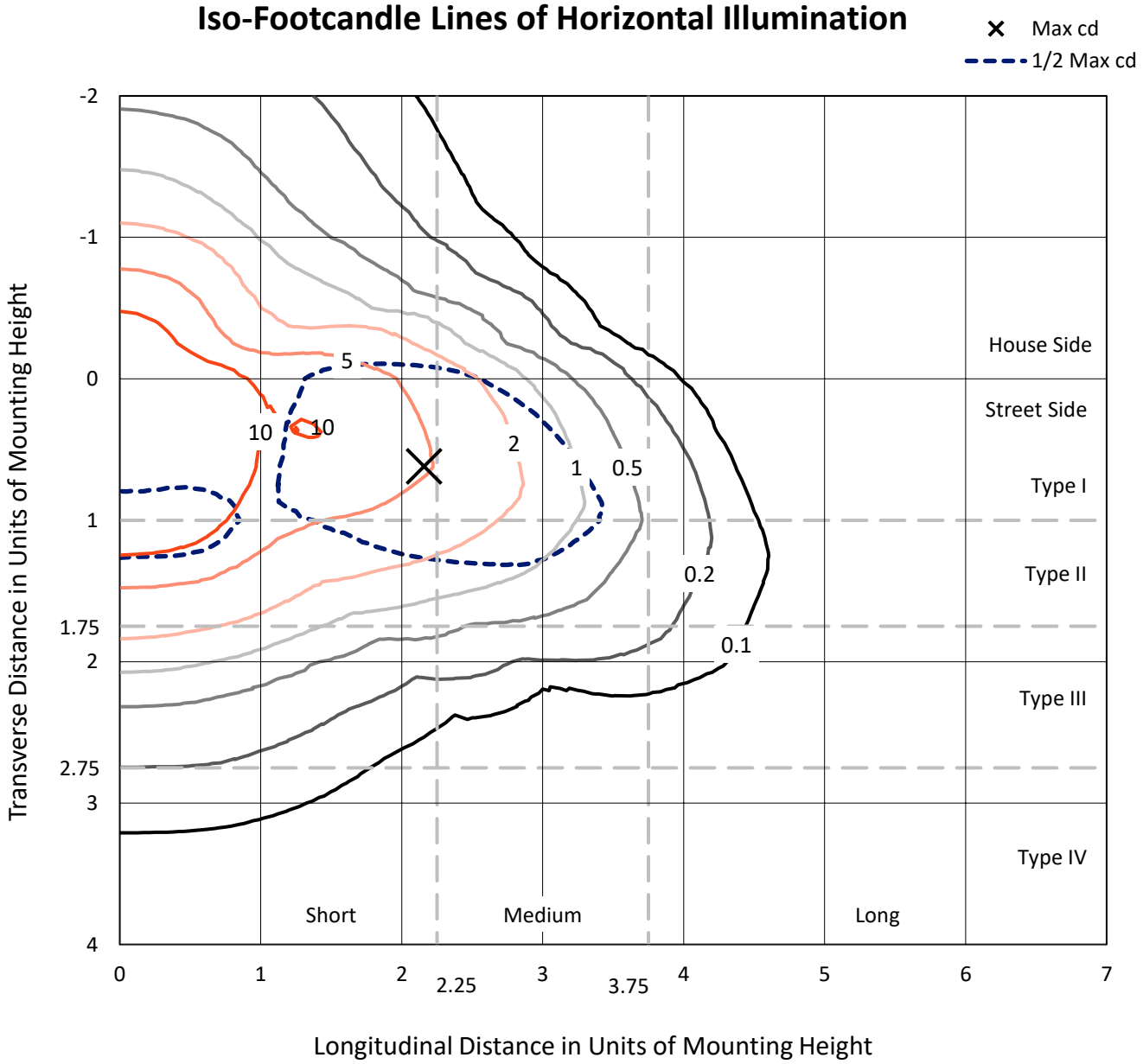
Scaled Data Report

REPORT NUMBER: P1461174
CATALOG NUMBER: PRV-PC1B-722-U-T2RE

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 19.9 fc
Type II - Short - N/A

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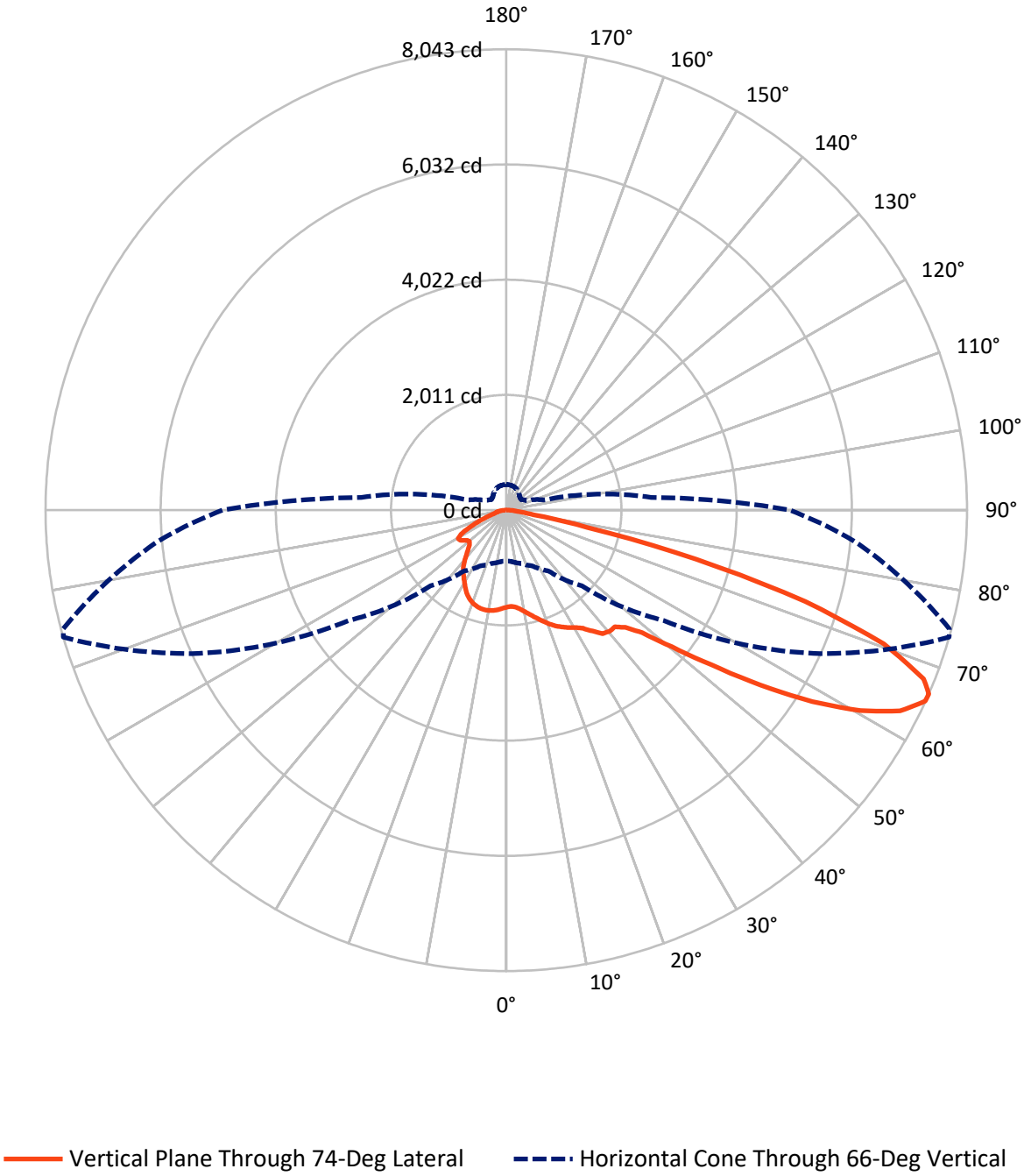
CATALOG NUMBER: PRV-PC1B-722-U-T2RE

Luminous Intensity Polar Plot



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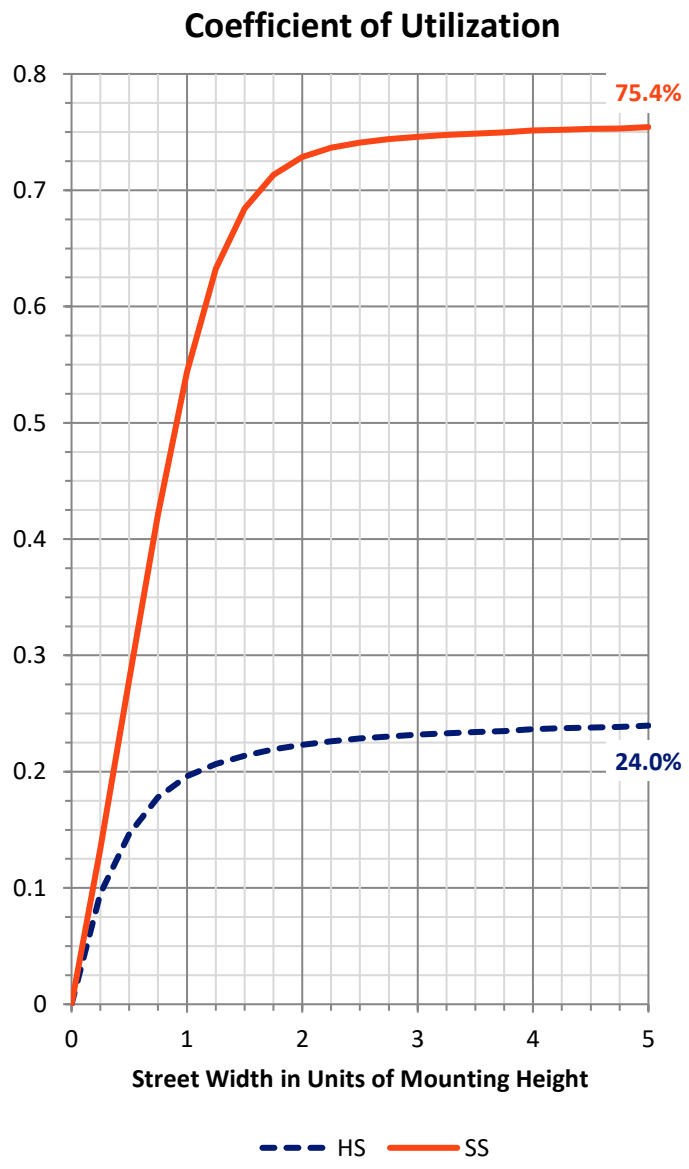
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2407.0	0.0	2407.0
	% Fixture	24.3	0.0	24.3
Street Side	Lumens	7482.0	0.0	7482.0
	% Fixture	75.7	0.0	75.7
Total	Lumens	9889.0	0.0	9889.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	159.2	1.6
10°-20°	491.7	5.0
20°-30°	916.1	9.3
30°-40°	1374.3	13.9
40°-50°	1811.1	18.3
50°-60°	2207.6	22.3
60°-70°	2017.7	20.4
70°-80°	788.7	8.0
80°-90°	122.8	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°	9889.0	100.0
0°-180°	9889.0	100.0



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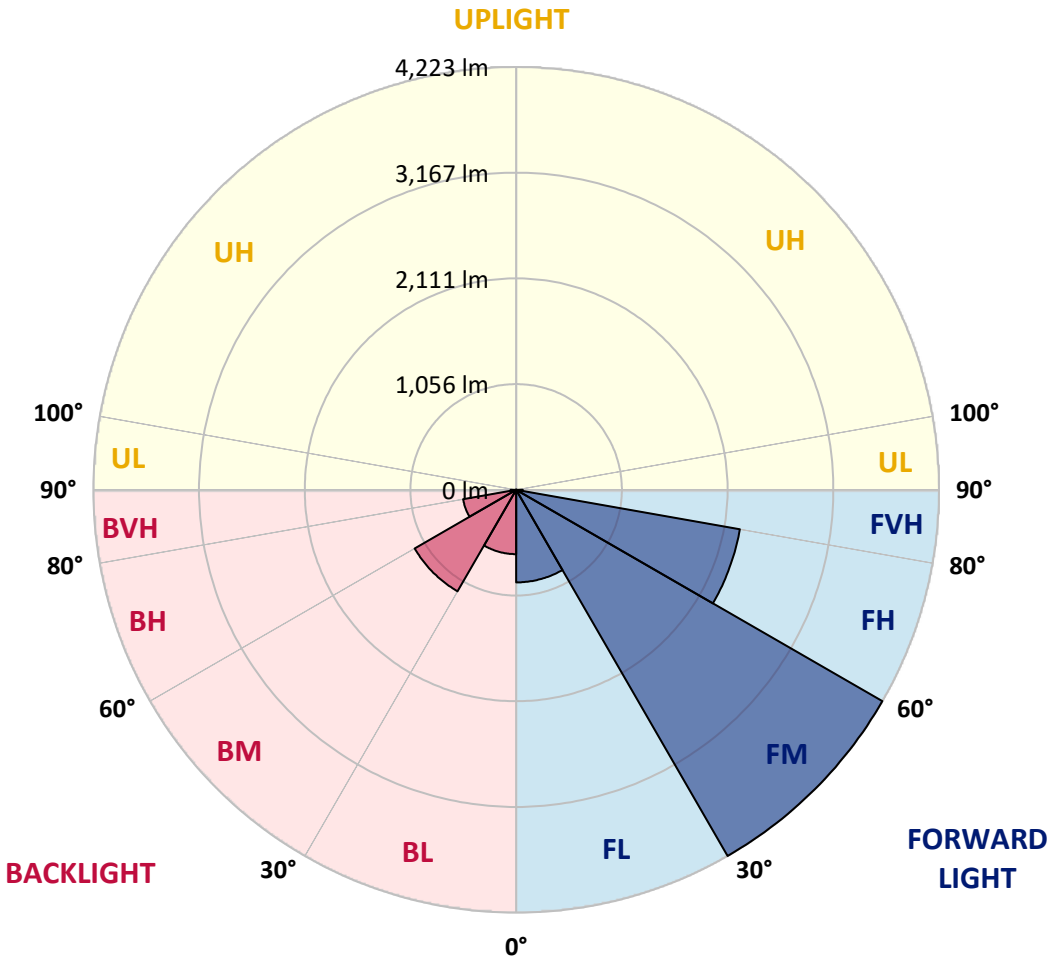
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	924.4	9.3			
FM	(30°-60°)	4222.8	42.7			
FH	(60°-80°)	2268.4	22.9			G2/5000
FVH	(80°-90°)	66.4	0.7			G1/100
BL	(0°-30°)	642.5	6.5	B2/1000		
BM	(30°-60°)	1170.2	11.8	B2/2500		
BH	(60°-80°)	538.0	5.4	B2/1000		G2/1000
BVH	(80°-90°)	56.4	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°	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	*1691.5*	1691.5	1691.5
2.5°	1675.5	1674.6	1670.9	1672.3	1674.1	1675.0	1678.7	1676.4	*1680.1*	1685.1	1688.8
5°	1626.9	1627.8	1633.3	1645.2	1667.2	1686.5	1700.7	1702.1	*1698.9*	1704.8	1707.6
7.5°	1553.0	1549.3	1561.3	1582.4	1610.8	1653.9	1707.1	1738.3	*1740.6*	1746.1	1748.4
10°	1580.1	1581.0	1578.7	1572.7	1587.4	1626.9	1696.1	1767.2	*1802.5*	1808.5	1809.9
12.5°	1737.4	1734.6	1717.7	1693.4	1672.3	1658.5	1705.7	1795.2	*1871.8*	1876.4	1890.6
15°	1936.0	1917.2	1906.6	1874.5	1826.8	1774.1	1758.5	1838.8	*1947.5*	1960.8	1987.4
17.5°	2120.4	2109.4	2098.4	2061.2	1997.0	1930.5	1863.5	1897.0	*2031.9*	2050.2	2089.2
20°	2312.1	2309.3	2294.7	2261.2	2194.2	2102.5	1997.0	1977.3	*2113.5*	2136.0	2200.6
22.5°	2508.4	2509.8	2495.1	2452.0	2397.4	2284.6	2146.5	2061.7	*2192.8*	2222.2	2304.3
25°	2689.6	2686.4	2664.8	2648.7	2598.8	2484.1	2319.0	2159.8	*2258.9*	2290.5	2399.7
27.5°	2828.5	2816.6	2839.6	2832.7	2784.1	2670.3	2481.8	2268.1	*2321.3*	2358.4	2482.7
30°	2985.4	2974.9	2999.6	3020.7	2970.3	2857.0	2640.5	2359.3	*2375.4*	2418.0	2561.1
32.5°	3205.1	3201.0	3198.7	3214.3	3176.7	3037.7	2800.6	2488.7	*2457.0*	2498.8	2640.5
35°	3512.9	3499.1	3454.2	3427.1	3387.2	3213.8	2982.7	2664.8	*2591.0*	2634.1	2730.8
37.5°	3846.3	3839.9	3757.3	3657.8	3551.8	3368.8	3152.4	2838.6	*2734.5*	2772.1	2802.4
40°	4216.0	4167.4	4098.1	3945.8	3732.1	3462.9	3179.0	2820.7	*2777.2*	2824.9	2816.2
42.5°	4525.6	4460.9	4383.4	4232.0	3915.6	3572.9	3216.6	2817.5	*2783.6*	2838.2	2794.6
45°	4766.4	4736.1	4615.0	4460.0	4103.6	3674.3	3318.4	2944.1	*2917.1*	2974.9	2840.0
47.5°	4806.7	4774.6	4733.8	4621.9	4231.6	3789.4	3459.7	3186.3	*3193.2*	3273.0	3023.9
50°	4443.5	4435.7	4503.1	4578.3	4297.2	3862.8	3630.7	3548.2	*3744.9*	3793.1	3487.6
52.5°	3742.2	3733.0	3953.6	4223.8	4136.2	3902.3	3838.5	4081.1	*4476.0*	4556.3	4092.6
55°	2968.4	3026.2	3232.2	3666.5	3702.7	3742.6	4054.5	4697.1	*5385.1*	5425.0	4748.9
57.5°	2503.8	2485.9	2639.1	3040.9	3161.1	3404.2	4143.5	5371.8	*6301.0*	6267.1	5387.4
60°	2108.5	2115.3	2197.0	2496.9	2653.3	2914.8	4082.5	5979.5	*7106.9*	7066.1	5927.7
62.5°	1596.1	1580.5	1662.2	1908.9	2230.0	2488.2	3871.1	6266.2	*7713.2*	7670.1	6191.0
65°	1043.9	1063.2	1128.8	1282.9	1582.8	2077.7	3521.1	6097.9	*8037.5*	7997.6	6174.0
66°	*888.0*	*895.8*	*962.3*	*1071.9*	*1298.5*	*1866.7*	*3356.0*	*5916.2*	*8043.0*	*8009.5*	*6081.8*
67.5°	680.2	691.7	747.6	815.5	953.1	1446.6	3062.9	5543.8	*7859.1*	7828.8	5820.4
70°	499.0	502.7	547.2	562.8	585.7	799.9	2297.9	4782.0	*6989.9*	6980.8	4810.4
72.5°	380.7	385.3	411.0	424.3	416.9	483.0	1300.3	3895.8	*5458.0*	5448.9	3316.1
75°	328.4	327.0	334.8	333.9	329.3	345.4	570.6	2625.8	*3418.4*	3436.3	1620.9
77.5°	269.7	271.1	276.6	271.5	267.9	270.1	347.7	1362.2	*1445.2*	1407.2	490.3
80°	216.0	217.9	223.4	220.2	215.1	220.2	253.2	493.1	*484.8*	431.1	197.7
82.5°	170.2	165.1	169.7	172.0	167.9	174.3	189.9	225.2	*210.1*	204.6	138.5
85°	110.1	111.0	102.7	114.7	111.0	112.8	130.3	153.7	*147.2*	145.9	95.4
87.5°	36.7	39.9	43.6	44.5	45.9	47.7	56.0	67.9	*85.3*	88.5	39.4
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: P1461174
CATALOG NUMBER: PRV-PC1B-722-U-T2RE

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5	1691.5
2.5°	1695.7	1702.5	1711.7	1722.7	1730.5	1736.0	1732.8	1733.3	1731.9	1727.3	1726.4
5°	1715.4	1725.9	1741.1	1744.3	1735.6	1718.1	1697.0	1675.9	1664.5	1652.1	1651.6
7.5°	1757.6	1762.6	1766.3	1740.6	1692.9	1648.9	1602.6	1570.9	1556.7	1548.0	1555.8
10°	1813.5	1814.0	1782.8	1707.6	1626.9	1566.8	1528.7	1504.4	1490.6	1485.6	1487.9
12.5°	1886.0	1875.5	1793.4	1667.7	1563.1	1504.9	1473.2	1458.1	1447.5	1443.9	1445.7
15°	1973.6	1939.2	1791.1	1619.1	1503.5	1457.6	1435.6	1424.1	1416.8	1414.0	1417.3
17.5°	2060.3	1993.8	1776.4	1565.4	1458.5	1426.4	1411.7	1398.9	1395.7	1393.9	1396.6
20°	2145.6	2041.5	1751.2	1507.6	1425.5	1409.5	1393.4	1385.6	1389.3	1391.1	1396.2
22.5°	2223.6	2070.4	1710.8	1448.0	1398.9	1389.7	1384.2	1382.4	1388.8	1392.5	1397.1
25°	2280.9	2078.6	1656.7	1396.2	1367.3	1370.9	1376.9	1374.1	1376.0	1376.4	1379.6
27.5°	2325.9	2075.9	1579.2	1346.2	1328.7	1345.2	1359.0	1347.5	1342.5	1337.9	1340.7
30°	2365.3	2069.5	1494.8	1287.0	1274.6	1302.6	1318.2	1296.6	1282.9	1274.2	1282.4
32.5°	2398.8	2068.5	1416.3	1210.4	1211.8	1241.6	1257.6	1232.9	1212.2	1204.0	1202.6
35°	2433.6	2071.3	1343.4	1132.4	1124.2	1164.1	1172.3	1149.4	1123.3	1114.1	1115.0
37.5°	2455.2	2073.6	1267.7	1033.4	1028.8	1066.8	1074.6	1057.7	1038.9	1028.3	1025.1
40°	2437.3	2046.1	1163.6	932.5	916.9	949.4	970.1	966.9	939.3	907.7	906.3
42.5°	2426.8	2019.5	1053.5	834.8	820.5	838.0	874.7	855.4	803.6	797.6	793.5
45°	2510.7	2035.5	961.8	753.1	721.5	749.4	783.8	738.0	716.0	708.2	714.6
47.5°	2747.4	2126.3	894.4	694.9	651.8	677.9	690.7	674.7	655.9	653.1	655.9
50°	3264.3	2365.3	864.1	662.8	604.1	619.6	614.6	622.4	608.2	610.9	613.7
52.5°	3920.1	2794.1	879.7	658.6	571.0	558.6	555.0	571.9	574.7	587.5	592.1
55°	4604.9	3172.1	933.8	673.3	534.3	490.8	496.7	526.5	553.6	571.0	575.2
57.5°	5185.1	3356.0	993.9	673.3	485.3	437.1	450.9	494.4	537.5	552.2	554.1
60°	5427.8	3327.1	1012.7	627.9	434.3	393.5	416.9	475.2	515.5	523.8	528.4
62.5°	5394.7	3159.2	933.8	535.7	381.1	361.0	397.7	454.5	483.0	492.6	494.9
65°	5145.2	2780.4	766.4	427.9	336.2	337.6	381.6	428.4	451.3	462.8	467.4
66°	*4952.6*	*2539.1*	*683.9*	*395.8*	*320.1*	*330.2*	*375.2*	*415.1*	*437.1*	*445.8*	*449.9*
67.5°	4540.3	2108.9	583.9	344.5	302.3	320.1	361.4	394.9	412.3	422.4	425.6
70°	3310.1	1285.6	419.7	275.2	276.1	300.4	327.0	350.4	383.4	397.7	402.2
72.5°	1958.9	642.6	305.5	233.0	255.0	279.8	292.6	319.2	361.9	386.6	393.1
75°	894.8	315.1	222.9	206.4	228.4	243.1	257.8	294.5	346.7	384.4	390.8
77.5°	303.6	203.2	181.2	185.3	190.8	200.9	222.9	269.7	329.8	371.5	382.1
80°	164.2	161.0	150.0	156.9	158.2	167.4	191.3	238.5	299.5	335.7	338.0
82.5°	131.6	124.8	119.3	122.0	124.8	136.7	153.7	197.2	254.1	207.3	209.6
85°	84.9	74.8	77.5	81.6	84.4	94.9	105.9	146.3	183.0	96.8	92.2
87.5°	25.2	22.9	27.5	30.7	30.3	30.7	40.8	76.6	107.8	45.4	31.2
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: SP2-2501-321-2

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

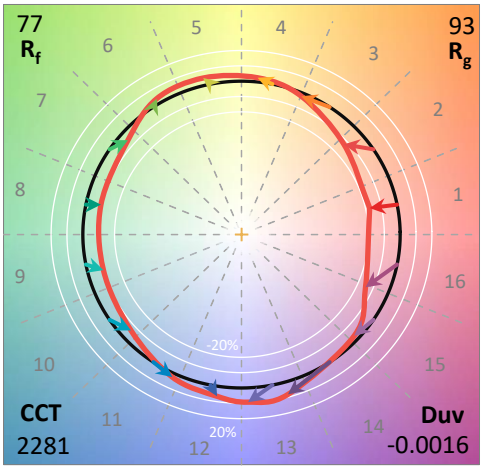
Test Information

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

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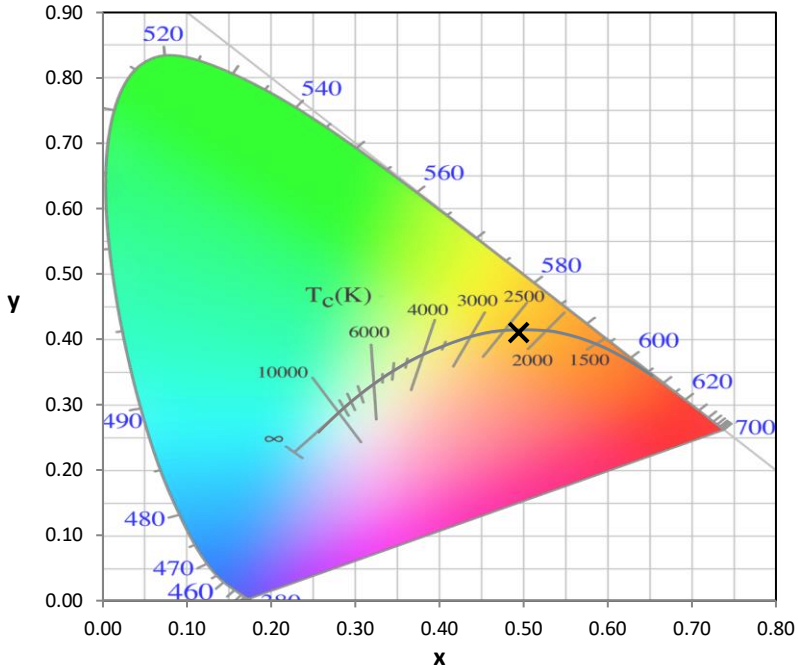
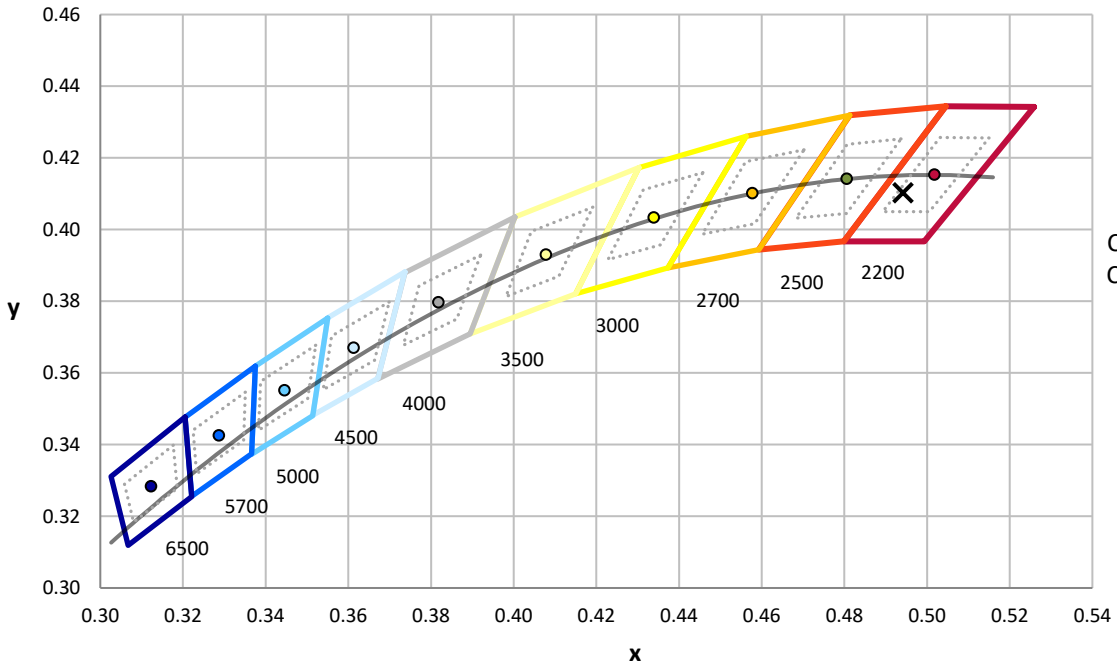
CIE 1931 Chromaticity Diagram



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

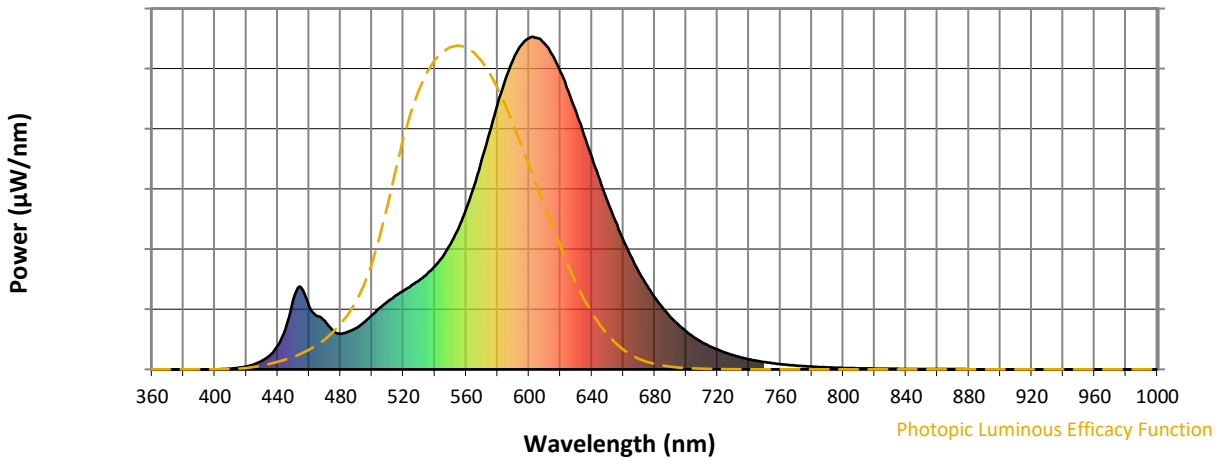


CCT = 2281K
CIE x = 0.4942
CIE y = 0.4102
Duv = -0.0016

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			

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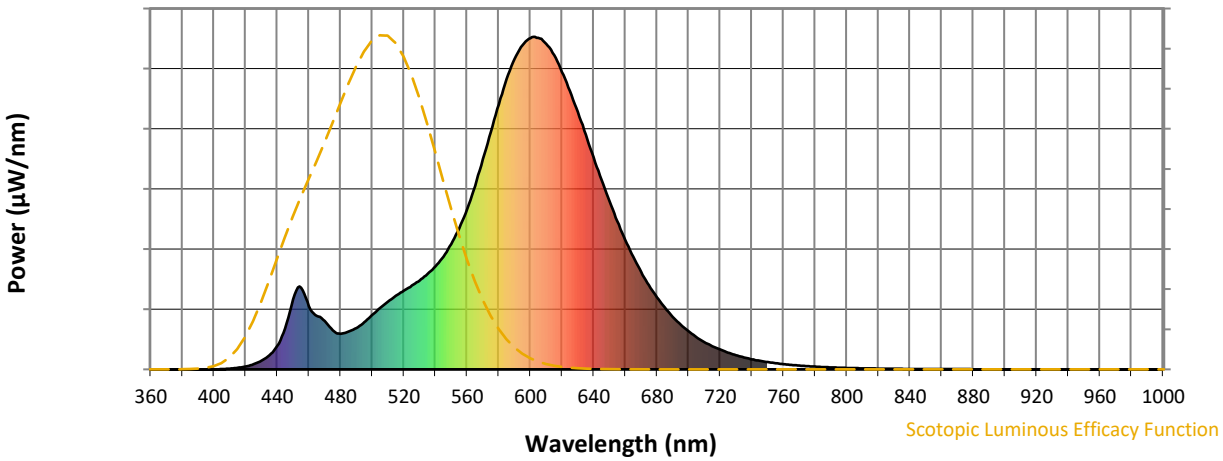
Scotopic Flux vs. Wavelength



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			

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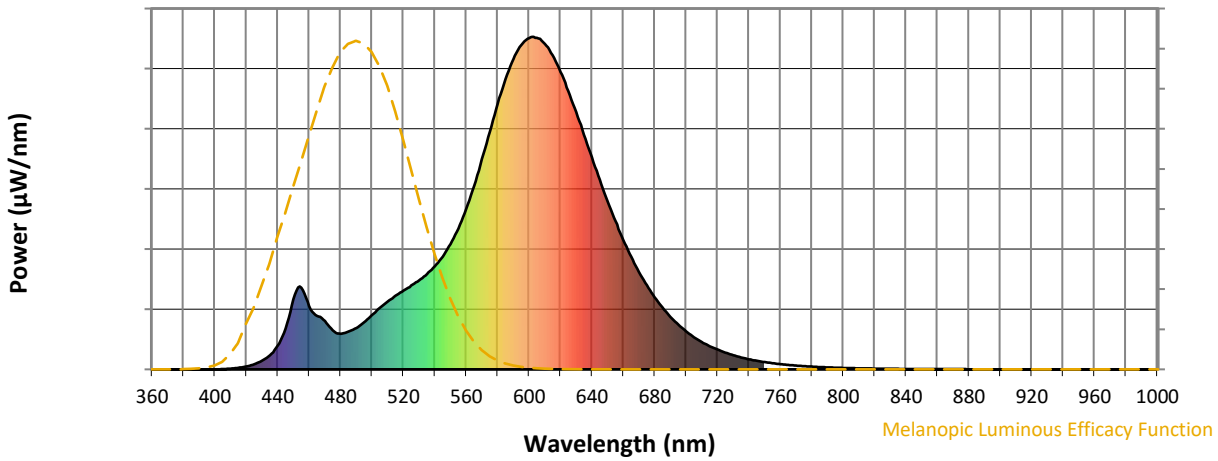
Melanopic Flux vs. Wavelength



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			

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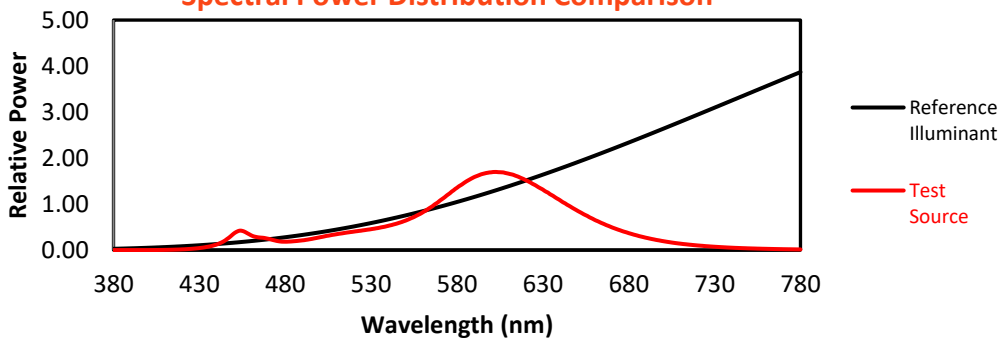
TM-30-18

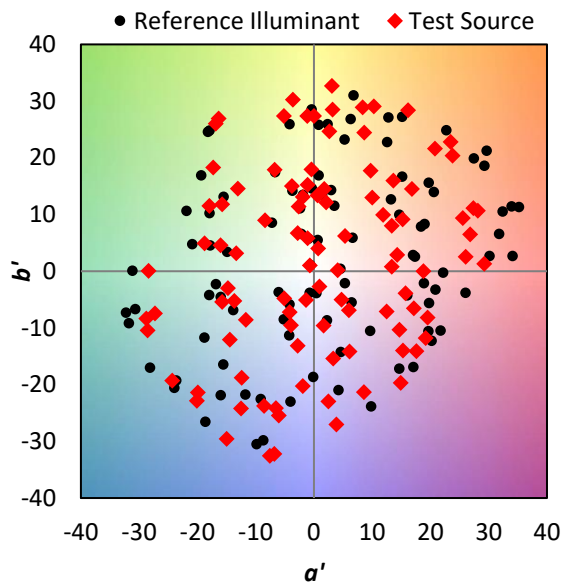
Summary

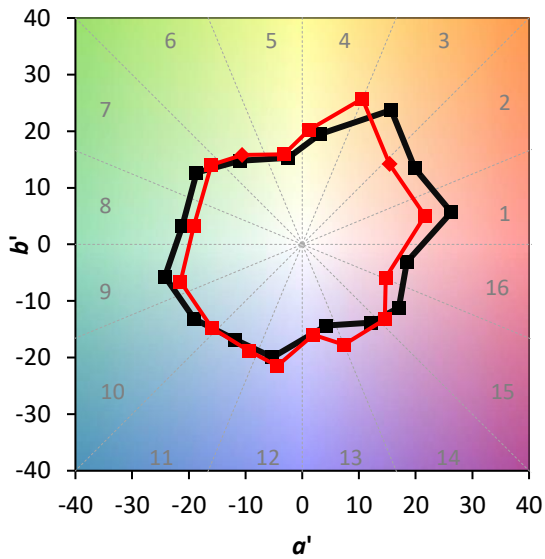
R_f = 76.9
R_g = 92.6
CIE R_a = 70.6
R_9 = -35.1

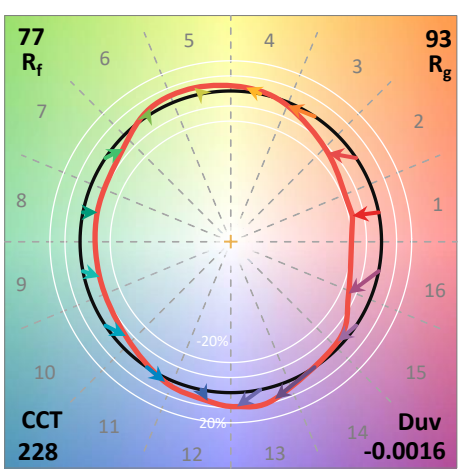
Spectral Power Distribution Comparison

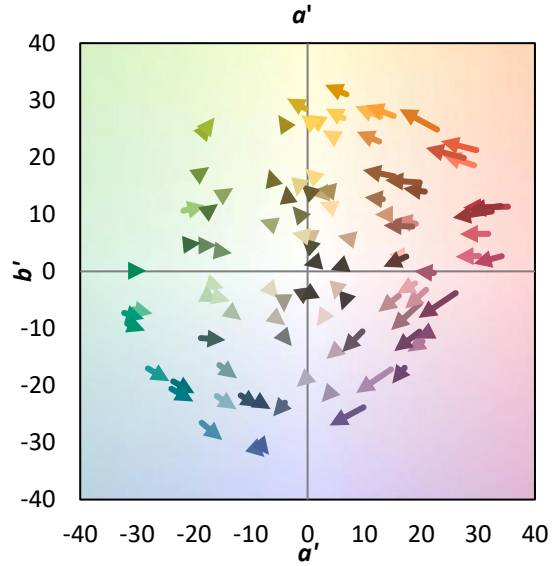


Color Vector Graphics



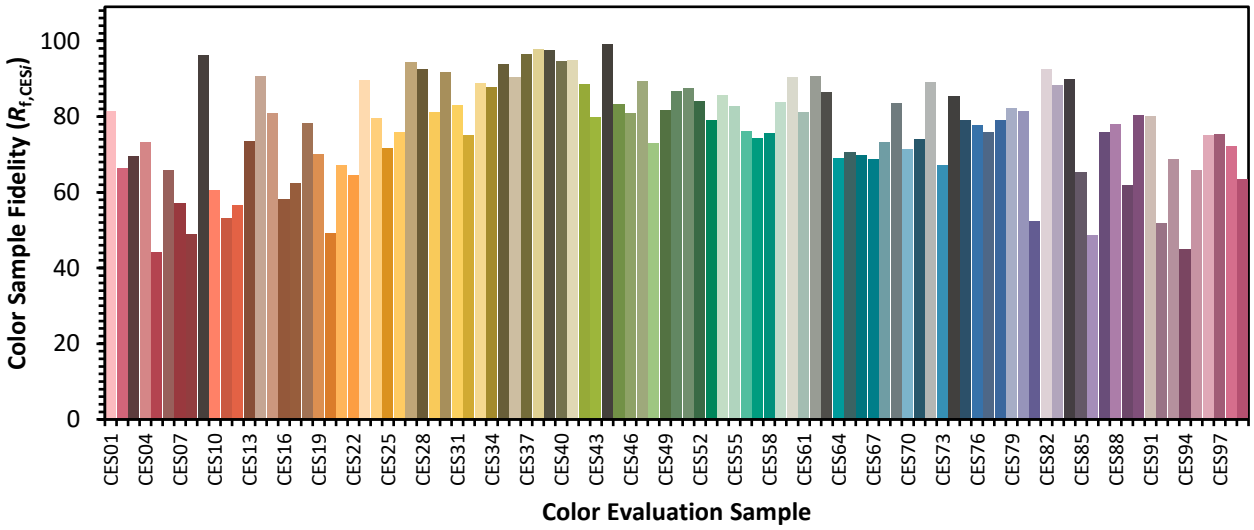




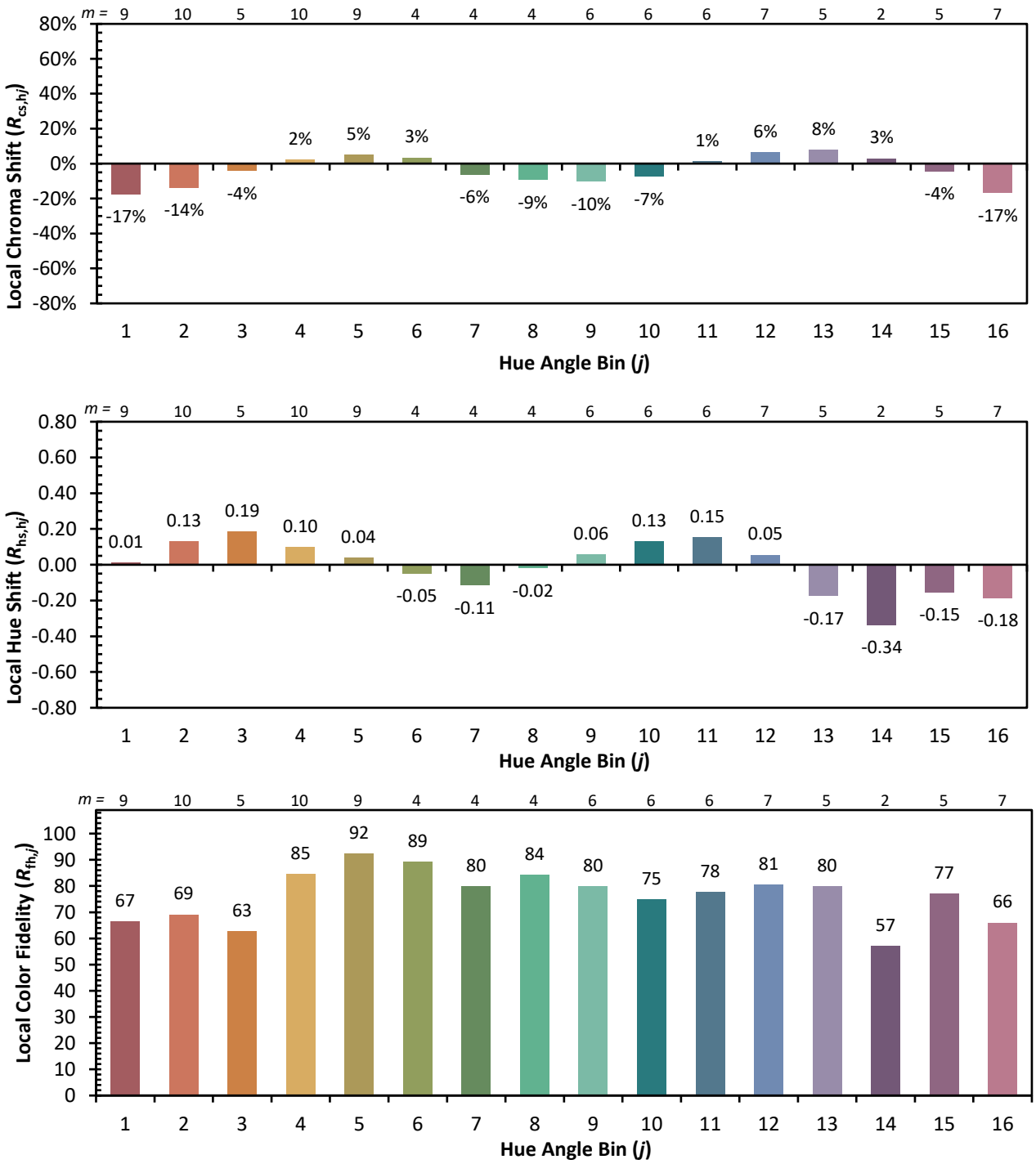


Individual Sample Fidelity Index ($R_{f,i}$)

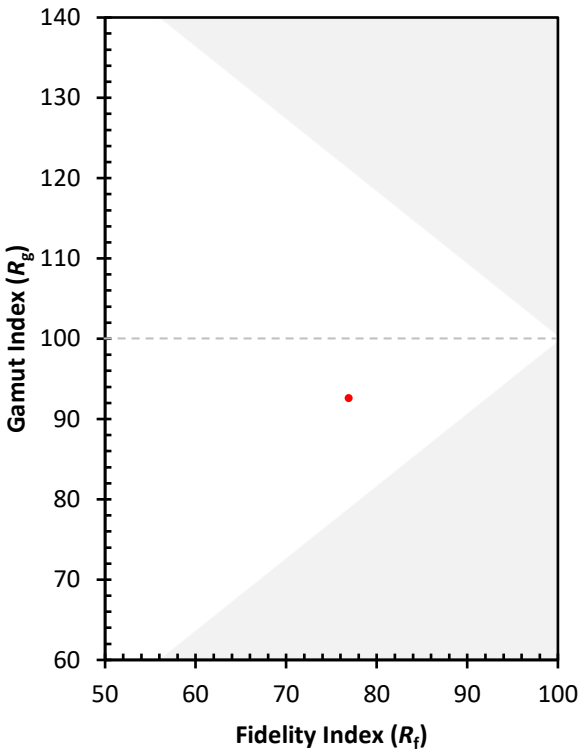
CES01 = 87	CES26 = 76	CES51 = 88	CES76 = 78
CES02 = 65	CES27 = 94	CES52 = 84	CES77 = 76
CES03 = 32	CES28 = 93	CES53 = 79	CES78 = 79
CES04 = 72	CES29 = 81	CES54 = 86	CES79 = 82
CES05 = 51	CES30 = 92	CES55 = 83	CES80 = 81
CES06 = 52	CES31 = 83	CES56 = 76	CES81 = 52
CES07 = 44	CES32 = 75	CES57 = 74	CES82 = 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	

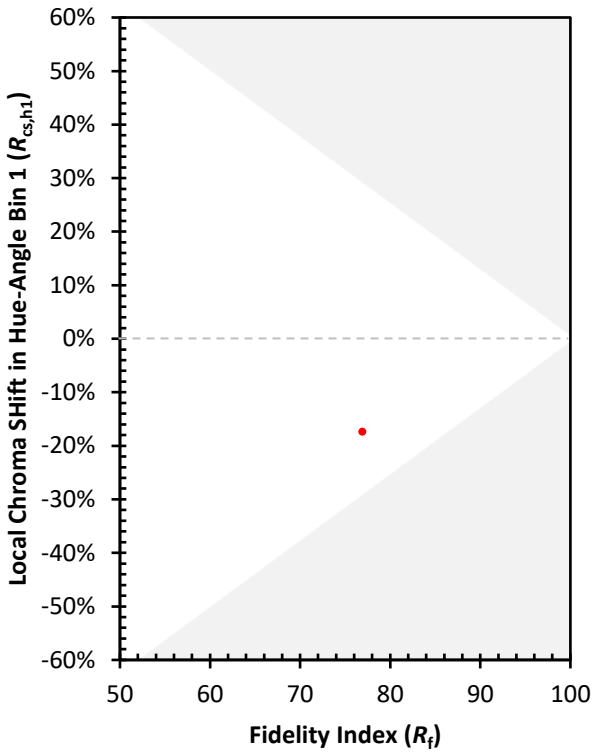


Color Rendition by Hue-Angle Bin



Measure Comparisons





(END OF REPORT)