Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P972200

Luminaire Tested: **GKO-PB2B-722-U-T4W**

Issue Date: 02/27/2025

Report Generated By 670245763

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P972200
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/27/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB2B-722-U-T4W
Description:	GEKKO WALL PACK 6000LM PACKAGE 70CRI 2200K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source:	(20) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5106.9 lumens
Efficiency:	N/A
Efficacy:	122.2 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	41.8
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	8%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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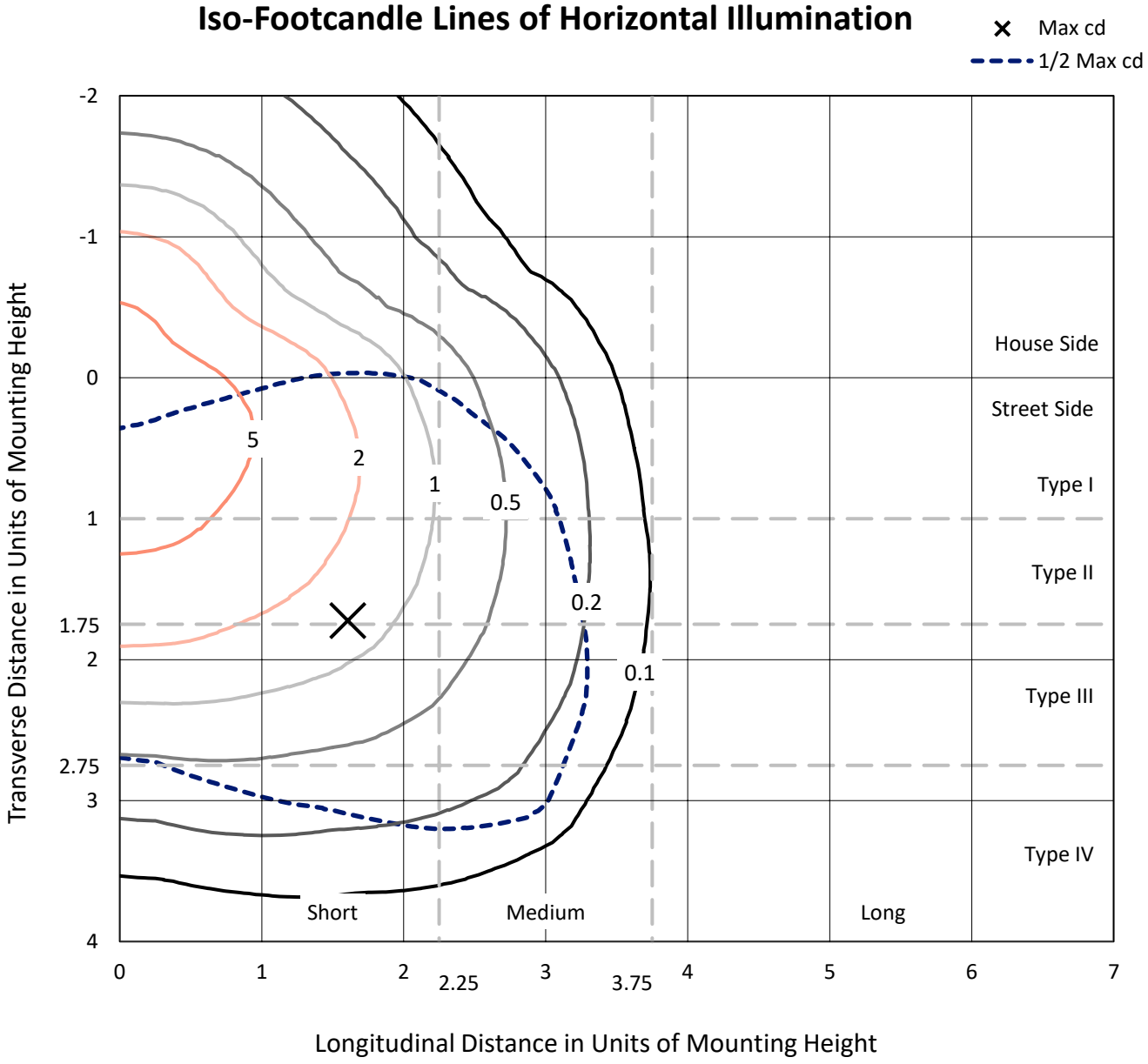
Scaled Data Report

REPORT NUMBER: P972200
CATALOG NUMBER: GKO-PB2B-722-U-T4W

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 9.7 fc
Type IV - Short - N/A

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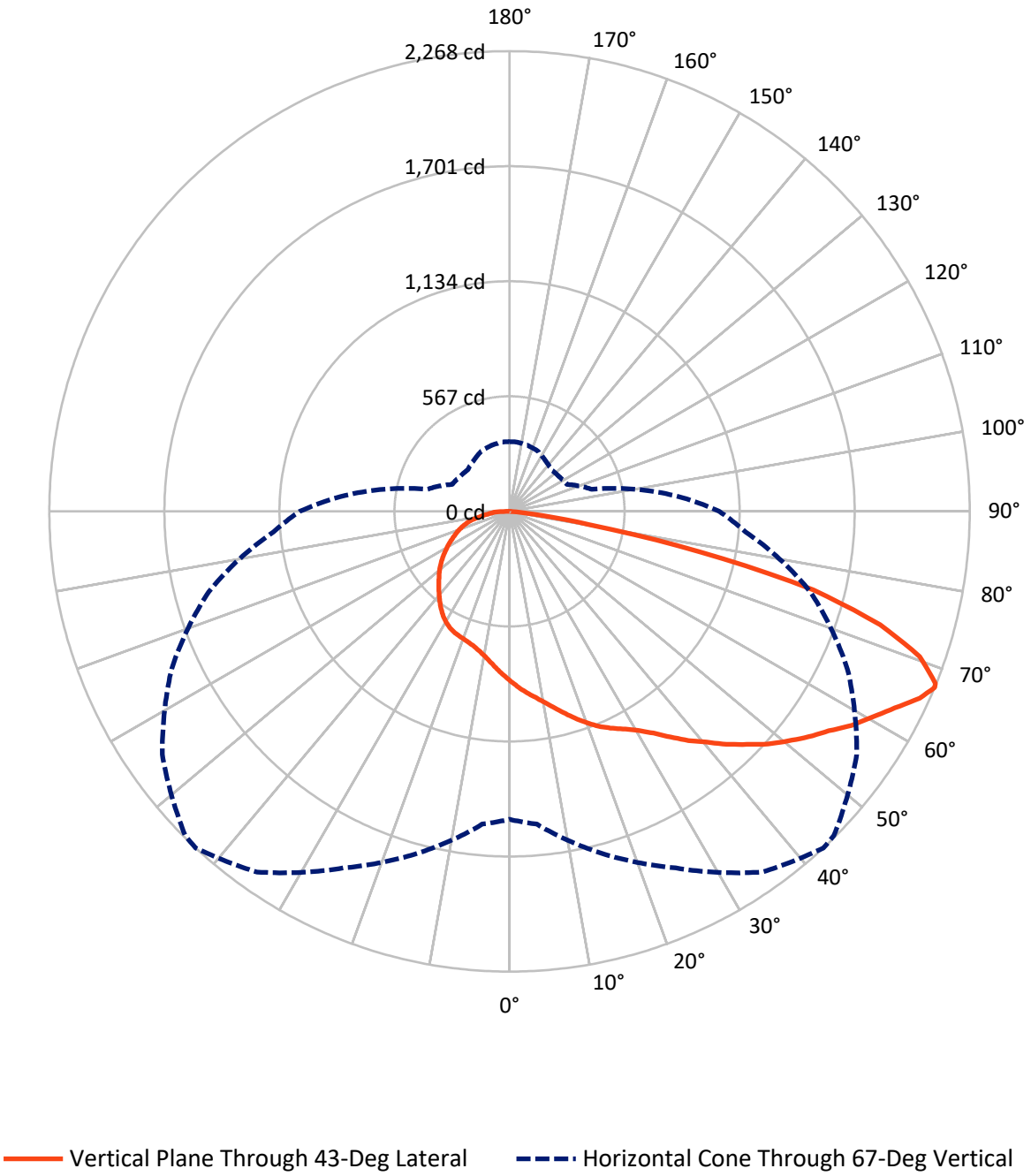
Luminous Intensity Polar Plot



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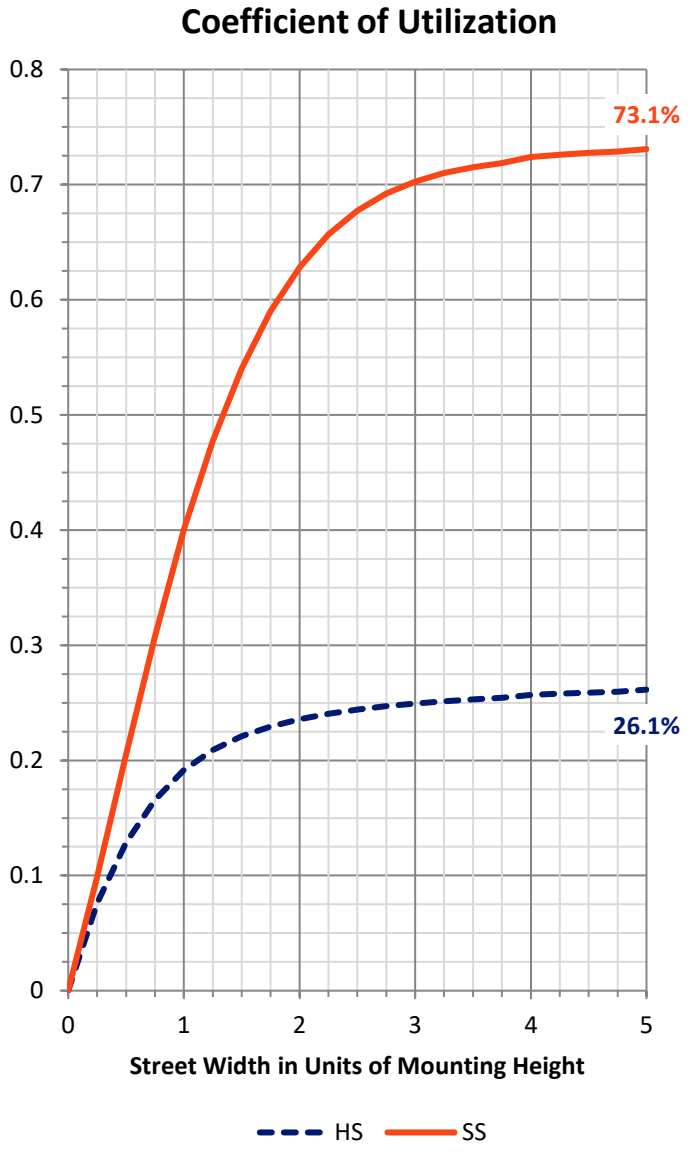
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1373.6	0.0	1373.6
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	3733.3	0.0	3733.3
	% Fixture	73.1	0.0	73.1
Total	Lumens	5106.9	0.0	5106.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.1	1.6
10°-20°	246.3	4.8
20°-30°	426.4	8.3
30°-40°	632.7	12.4
40°-50°	859.5	16.8
50°-60°	1055.1	20.7
60°-70°	1112.1	21.8
70°-80°	613.9	12.0
80°-90°	80.9	1.6
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°	5106.9	100.0
0°-180°	5106.9	100.0



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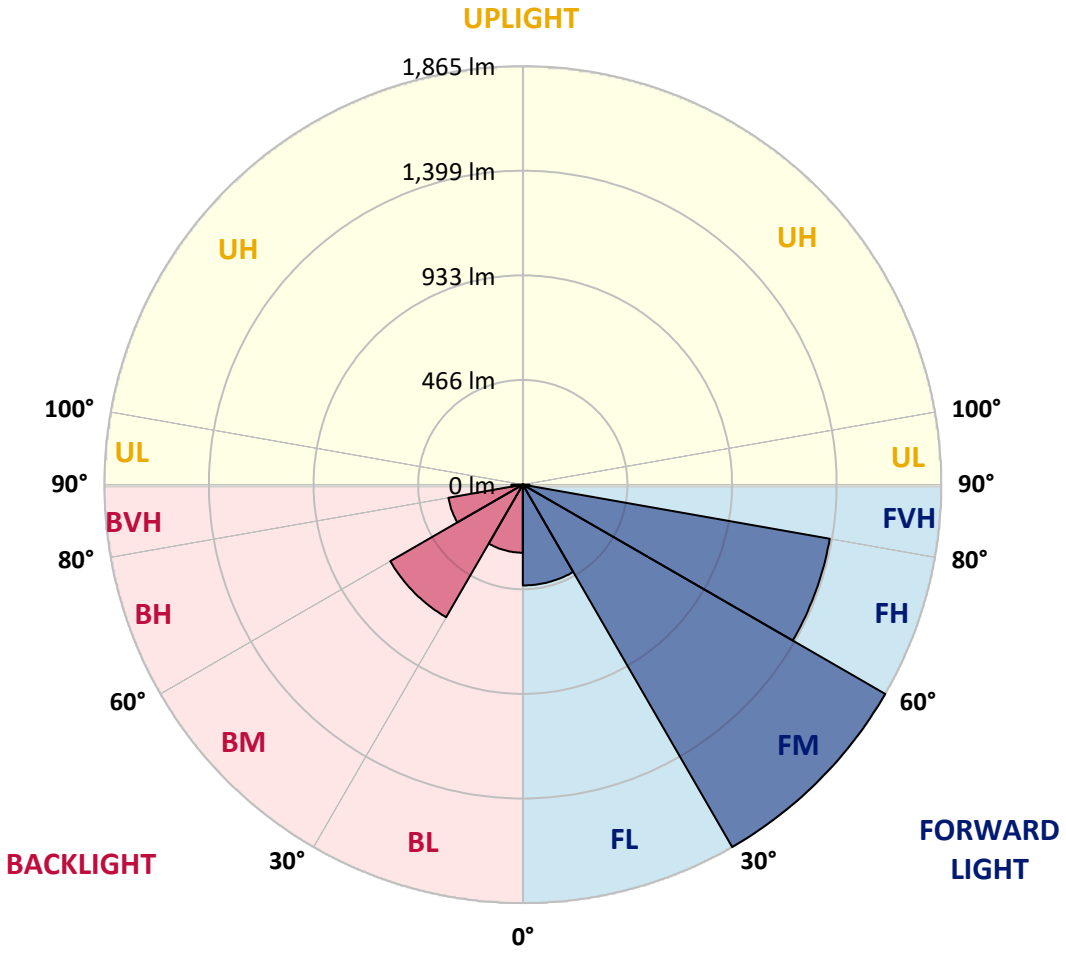
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	449.3	8.8			
FM	(30°-60°)	1865.2	36.5			
FH	(60°-80°)	1389.3	27.2			G1/1800
FVH	(80°-90°)	29.5	0.6			G1/100
BL	(0°-30°)	303.5	5.9	B1/500		
BM	(30°-60°)	682.2	13.4	B1/1000		
BH	(60°-80°)	336.6	6.6	B1/500		G1/500
BVH	(80°-90°)	51.3	1.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type IV Short



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REPORT NUMBER: P972200
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	838.2	838.2	838.2	838.2	838.2	*838.2*	838.2	838.2	838.2	838.2	838.2
2.5°	877.1	879.1	877.1	875.0	870.9	*868.9*	866.8	861.7	855.6	846.4	839.2
5°	915.9	915.9	912.8	910.8	904.7	*898.5*	895.5	883.2	869.9	854.6	840.3
7.5°	951.7	955.8	950.7	945.5	936.3	*926.1*	924.1	905.7	887.3	866.8	845.4
10°	996.7	999.7	992.6	988.5	971.1	*957.8*	953.7	931.2	906.7	881.1	853.6
12.5°	1042.7	1044.7	1039.6	1030.4	1012.0	*995.6*	989.5	959.9	928.2	897.5	862.8
15°	1082.5	1084.6	1082.5	1072.3	1054.9	*1034.5*	1026.3	993.6	954.7	914.9	874.0
17.5°	1112.2	1116.3	1116.3	1111.1	1095.8	*1076.4*	1071.3	1030.4	985.4	935.3	887.3
20°	1137.7	1139.8	1143.9	1140.8	1132.6	*1116.3*	1109.1	1070.3	1016.1	958.8	900.6
22.5°	1158.2	1160.2	1167.4	1166.3	1161.2	*1153.1*	1145.9	1110.1	1051.9	982.3	912.8
25°	1193.9	1192.9	1197.0	1193.9	1187.8	*1184.7*	1180.7	1149.0	1087.6	1009.9	929.2
27.5°	1256.3	1254.3	1250.2	1234.8	1219.5	*1215.4*	1212.3	1189.9	1129.5	1041.6	947.6
30°	1348.3	1350.3	1330.9	1296.2	1265.5	*1253.2*	1249.1	1233.8	1176.6	1078.4	968.0
32.5°	1457.7	1456.7	1425.0	1375.9	1327.9	*1303.3*	1295.1	1278.8	1223.6	1115.2	991.5
35°	1536.4	1534.3	1518.0	1474.0	1423.9	*1365.7*	1350.3	1324.8	1273.7	1157.1	1015.1
37.5°	1642.7	1639.6	1607.9	1561.9	1517.0	*1433.1*	1415.8	1381.0	1321.7	1198.0	1041.6
40°	1764.3	1744.9	1692.8	1645.8	1584.4	*1495.5*	1481.2	1436.2	1376.9	1248.1	1072.3
42.5°	1874.7	1846.1	1778.7	1719.4	1642.7	*1569.1*	1550.7	1497.5	1430.1	1294.1	1104.0
45°	2040.3	1970.8	1873.7	1839.0	1706.1	*1638.6*	1623.3	1557.9	1488.3	1344.2	1135.7
47.5°	2019.9	1970.8	1939.1	1935.1	1772.5	*1714.3*	1691.8	1624.3	1550.7	1397.4	1168.4
50°	2059.8	2020.9	2023.0	1972.9	1832.8	*1778.7*	1762.3	1693.8	1614.1	1449.5	1203.1
52.5°	2051.6	2062.8	2056.7	1979.0	1891.1	*1846.1*	1833.9	1765.4	1674.4	1499.6	1233.8
55°	2117.0	2110.9	2097.6	2020.9	1955.5	*1909.5*	1899.3	1840.0	1735.7	1542.5	1260.4
57.5°	2165.1	2133.4	2132.3	2067.9	2027.1	*1989.2*	1972.9	1916.7	1793.0	1580.3	1280.8
60°	2135.4	2097.6	2125.2	2075.1	2071.0	*2056.7*	2047.5	1984.1	1844.1	1609.0	1289.0
62.5°	1977.0	1986.2	2067.9	2064.9	2119.1	*2132.3*	2122.1	2031.1	1877.8	1619.2	1282.9
65°	1767.4	1795.0	1920.7	2028.1	2175.3	*2221.3*	2211.1	2064.9	1874.7	1595.7	1242.0
67°	*1518.0*	*1547.6*	*1743.9*	*1939.1*	*2170.2*	*2268.3*	*2261.1*	*2089.4*	*1837.9*	*1535.4*	*1168.4*
67.5°	1462.8	1496.5	1692.8	1898.3	2151.8	*2264.2*	2259.1	2091.5	1825.7	1506.7	1139.8
70°	1076.4	1116.3	1393.3	1668.3	2004.6	*2145.6*	2144.6	2014.8	1698.9	1351.4	988.5
72.5°	670.6	706.4	993.6	1301.3	1736.7	*1910.5*	1903.4	1755.1	1462.8	1103.0	780.0
75°	410.9	433.4	625.6	848.4	1259.4	*1546.6*	1556.8	1371.8	997.7	655.2	440.6
77.5°	251.5	276.0	394.6	523.4	769.7	*961.9*	963.9	760.5	512.1	356.8	241.2
80°	140.0	146.2	205.5	274.0	394.6	*396.6*	380.3	335.3	265.8	171.7	123.7
82.5°	55.2	59.3	88.9	110.4	112.4	*117.6*	109.4	99.2	83.8	55.2	38.8
85°	0.0	0.0	0.0	2.0	7.2	*14.3*	14.3	10.2	4.1	3.1	3.1
87.5°	0.0	0.0	0.0	1.0	1.0	*1.0*	1.0	1.0	1.0	1.0	1.0
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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Scaled Data Report

REPORT NUMBER: P972200
CATALOG NUMBER: GKO-PB2B-722-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	838.2	838.2	838.2	838.2	838.2	838.2	838.2	838.2	838.2	838.2	838.2
2.5°	837.2	836.2	829.0	820.8	814.7	809.6	804.5	798.4	798.4	800.4	799.4
5°	835.2	830.0	816.8	802.4	791.2	781.0	771.8	763.6	762.6	763.6	764.6
7.5°	836.2	827.0	806.5	785.1	766.7	753.4	740.1	734.0	732.9	732.9	732.9
10°	840.3	827.0	799.4	769.7	747.2	727.8	713.5	707.4	708.4	709.4	710.4
12.5°	847.4	829.0	794.3	756.4	727.8	708.4	694.1	689.0	693.1	698.2	699.2
15°	854.6	833.1	789.2	745.2	712.5	691.0	680.8	679.8	686.9	696.1	698.2
17.5°	862.8	836.2	783.0	730.9	696.1	678.8	673.6	676.7	688.0	702.3	705.3
20°	870.9	840.3	775.9	717.6	680.8	668.5	671.6	680.8	695.1	712.5	715.6
22.5°	879.1	843.3	766.7	701.2	664.4	660.4	671.6	686.9	701.2	720.7	724.8
25°	888.3	847.4	755.4	680.8	648.1	651.2	670.6	689.0	704.3	724.8	729.9
27.5°	902.6	853.6	744.2	662.4	629.7	639.9	665.5	688.0	704.3	723.7	729.9
30°	916.9	859.7	735.0	643.0	611.3	624.6	655.2	682.8	699.2	716.6	724.8
32.5°	933.3	867.9	726.8	623.6	590.8	607.2	640.9	671.6	691.0	706.4	714.5
35°	950.7	880.1	720.7	606.2	570.4	584.7	619.5	657.3	676.7	691.0	698.2
37.5°	973.1	893.4	716.6	588.8	548.9	561.2	597.0	636.8	659.3	670.6	679.8
40°	997.7	912.8	716.6	574.5	528.5	536.7	573.5	616.4	638.9	648.1	657.3
42.5°	1022.2	932.3	715.6	560.2	507.0	513.2	550.0	593.9	615.4	622.5	629.7
45°	1050.8	954.7	714.5	543.8	483.5	489.6	527.5	571.4	591.9	598.0	604.1
47.5°	1081.5	977.2	710.4	523.4	462.0	467.2	505.0	545.9	566.3	573.5	579.6
50°	1109.1	998.7	700.2	499.9	442.6	447.7	481.5	515.2	533.6	541.8	547.9
52.5°	1133.6	1014.0	683.9	473.3	421.2	427.3	452.8	482.5	496.8	502.9	507.0
55°	1153.1	1022.2	657.3	447.7	400.7	403.8	424.2	450.8	462.0	463.1	466.1
57.5°	1166.3	1021.2	621.5	418.1	380.3	381.3	395.6	419.1	427.3	426.3	428.3
60°	1169.4	1007.9	578.6	390.5	359.8	356.8	371.1	387.4	392.5	396.6	401.7
62.5°	1157.1	976.2	529.5	362.9	339.4	334.3	344.5	358.8	367.0	369.0	371.1
65°	1112.2	917.9	470.2	334.3	318.9	309.7	321.0	341.4	354.7	358.8	357.8
67°	*1033.5*	*836.2*	*419.1*	*312.8*	*298.5*	*290.3*	*306.7*	*328.1*	*337.3*	*343.5*	*343.5*
67.5°	1007.9	806.5	401.7	305.6	293.4	286.2	301.6	322.0	334.3	341.4	341.4
70°	855.6	661.4	339.4	269.9	263.7	264.8	283.2	305.6	321.0	328.1	328.1
72.5°	652.2	512.1	276.0	235.1	233.1	240.2	263.7	284.2	303.6	315.9	314.8
75°	370.0	295.4	201.4	192.2	200.4	214.7	244.3	266.8	284.2	296.4	295.4
77.5°	215.7	177.9	139.0	131.9	155.4	188.1	218.8	247.4	259.6	263.7	260.7
80°	109.4	93.0	86.9	90.0	104.3	140.0	191.2	224.9	234.1	237.2	234.1
82.5°	34.8	31.7	34.8	46.0	69.5	110.4	154.4	203.4	214.7	214.7	213.6
85°	2.0	2.0	2.0	20.4	48.0	81.8	120.6	177.9	201.4	199.3	196.3
87.5°	1.0	1.0	1.0	13.3	37.8	68.5	106.3	161.5	192.2	177.9	167.6
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

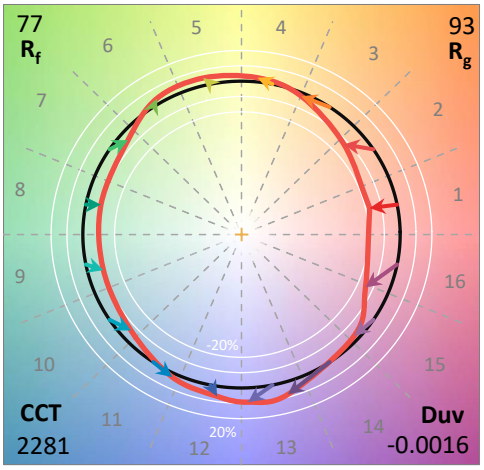
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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

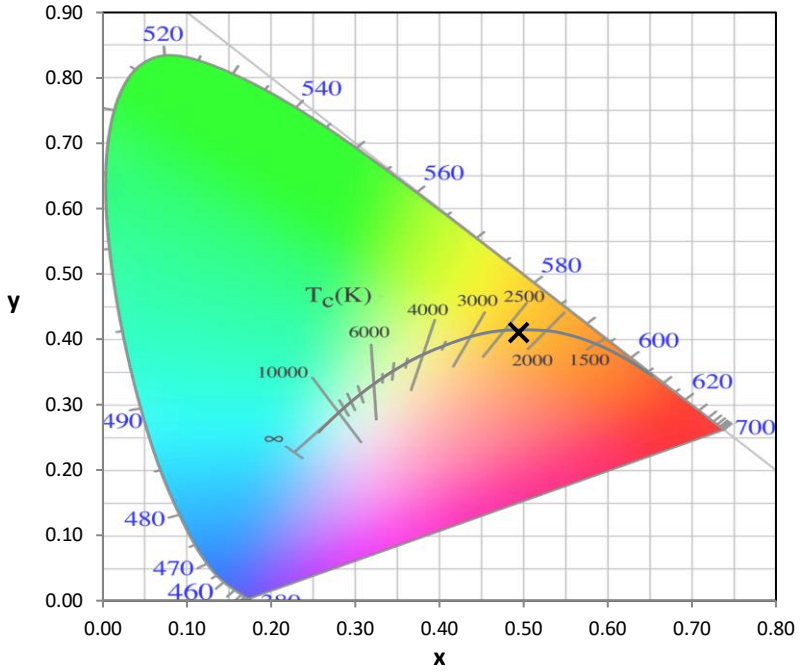
Stabilization Time:	40M
Operation Time:	1H 40M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP2-2501-321-2

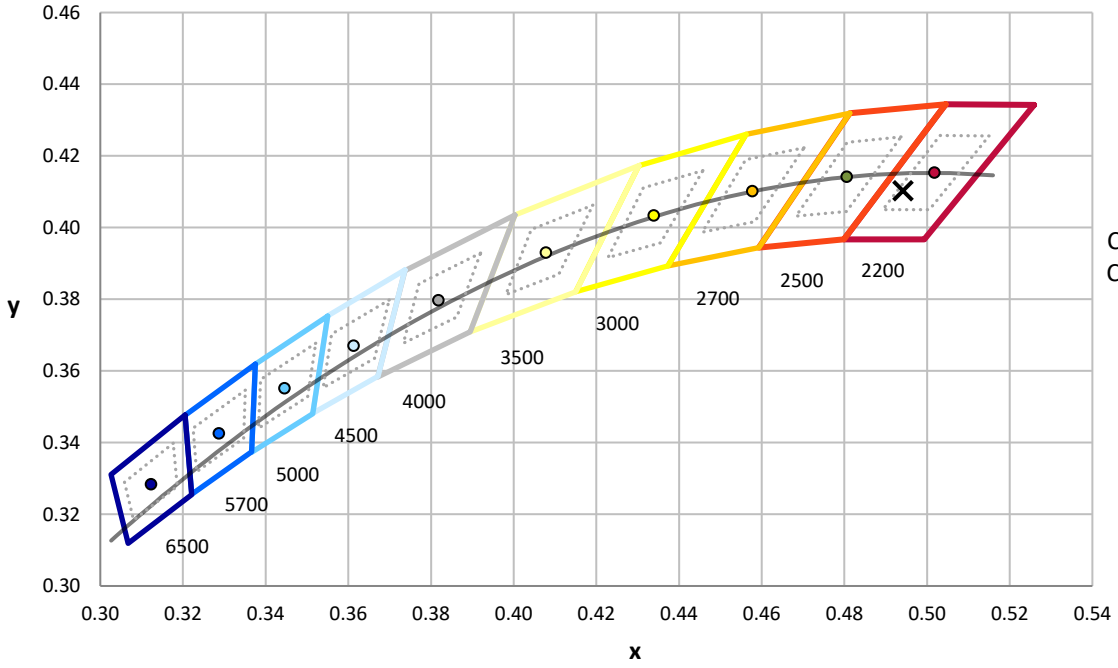
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

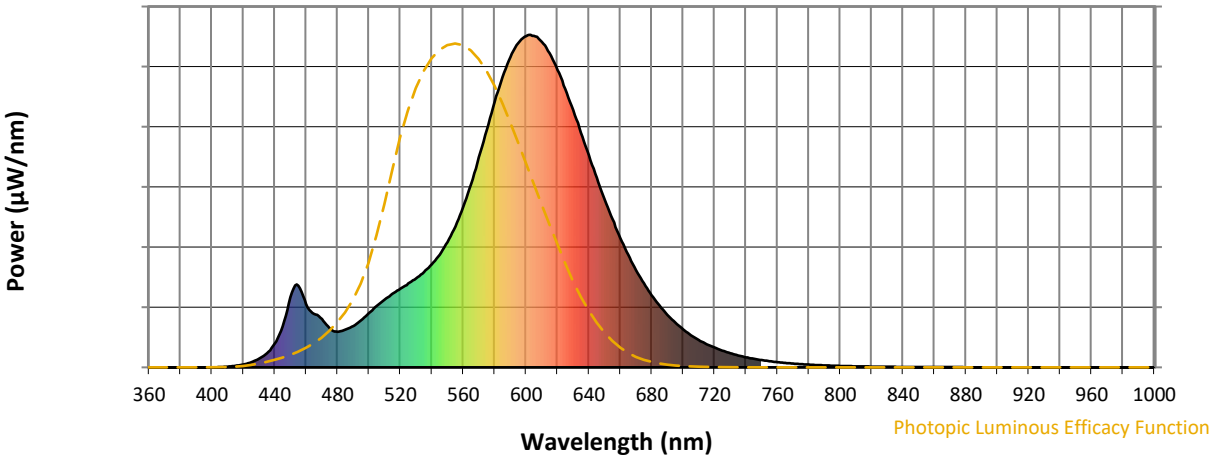


CCT = 2281K
CIE x = 0.4942
CIE y = 0.4102
Duv = -0.0016

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-2

Photopic Flux vs. Wavelength

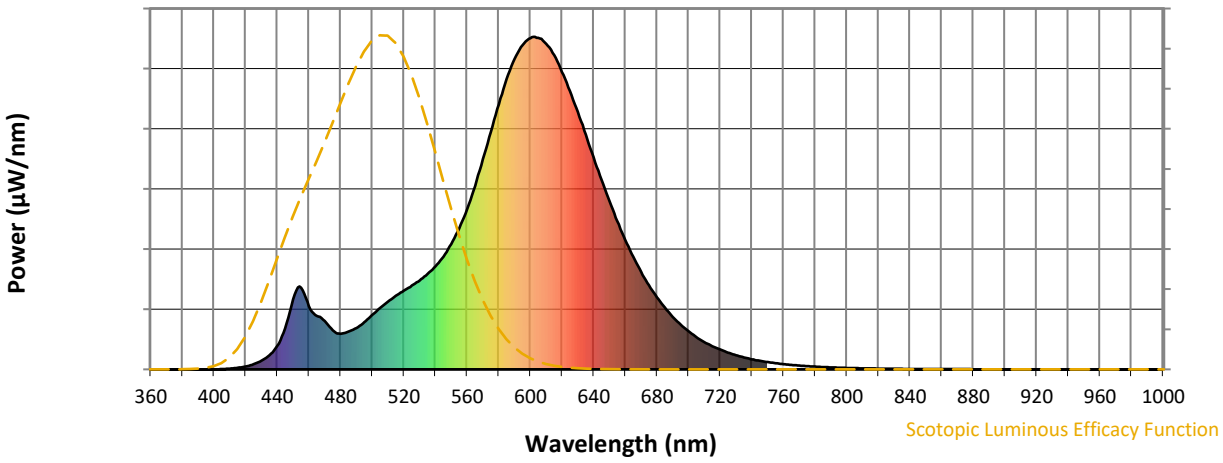


Photopic Lumens: NR

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

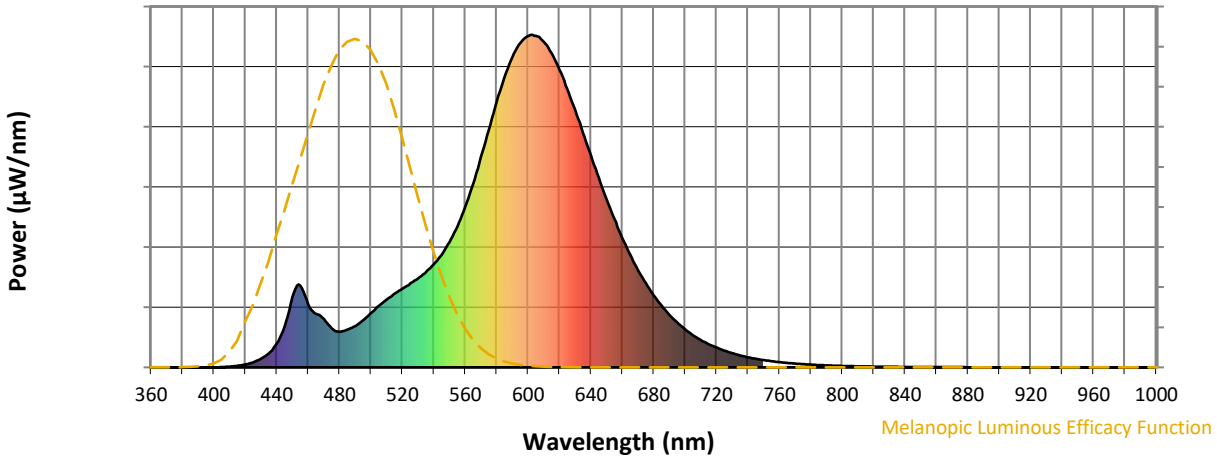


Scotopic Lumens: NR **S/P: 0.98**

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			

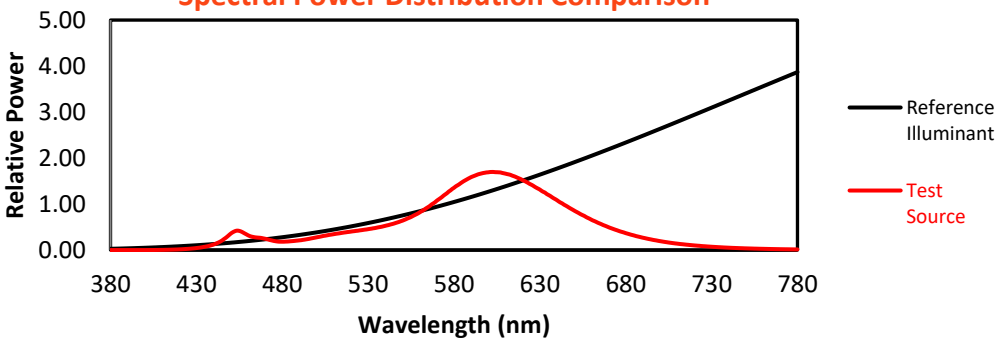
REPORT NUMBER: SP2-2501-321-2

TM-30-18

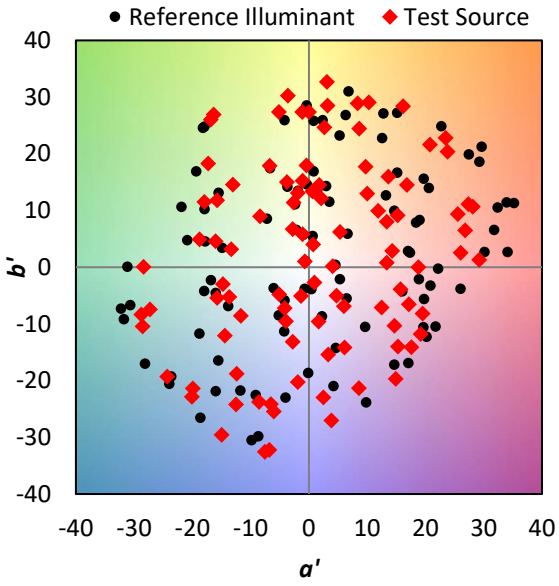
Summary

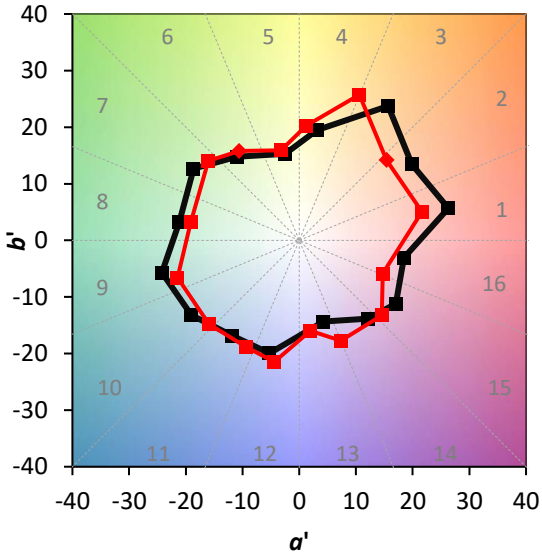
R_f = 76.9
R_g = 92.6
CIE R_a = 70.6
R_9 = -35.1

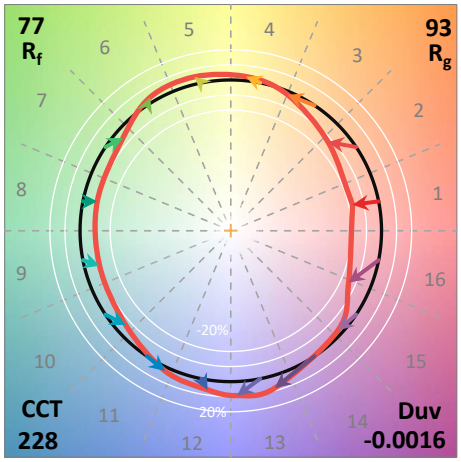
Spectral Power Distribution Comparison

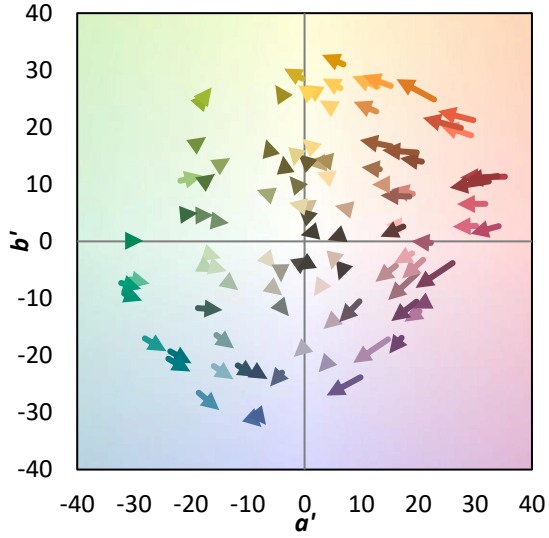


Color Vector Graphics







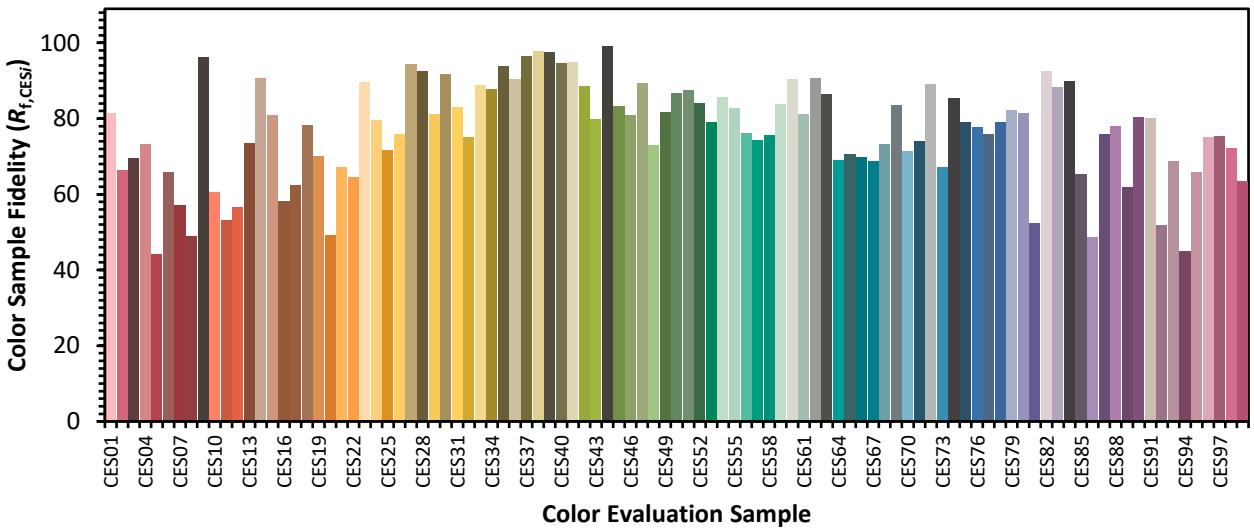


REPORT NUMBER: SP2-2501-321-2

TM-30-18

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

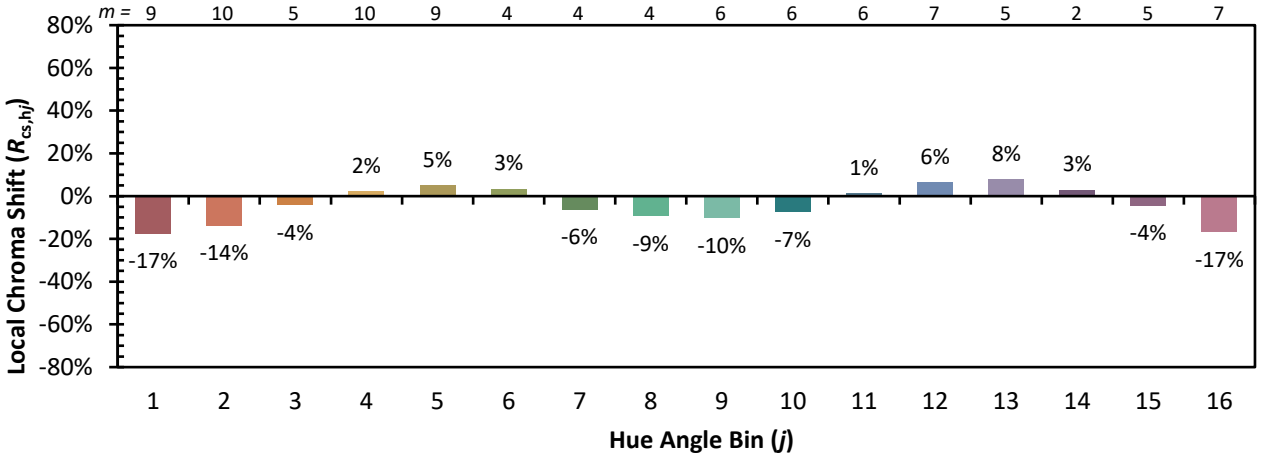
CES01 = 87	CES26 = 76	CES51 = 88	CES76 = 78
CES02 = 65	CES27 = 94	CES52 = 84	CES77 = 76
CES03 = 32	CES28 = 93	CES53 = 79	CES78 = 79
CES04 = 72	CES29 = 81	CES54 = 86	CES79 = 82
CES05 = 51	CES30 = 92	CES55 = 83	CES80 = 81
CES06 = 52	CES31 = 83	CES56 = 76	CES81 = 52
CES07 = 44	CES32 = 75	CES57 = 74	CES82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

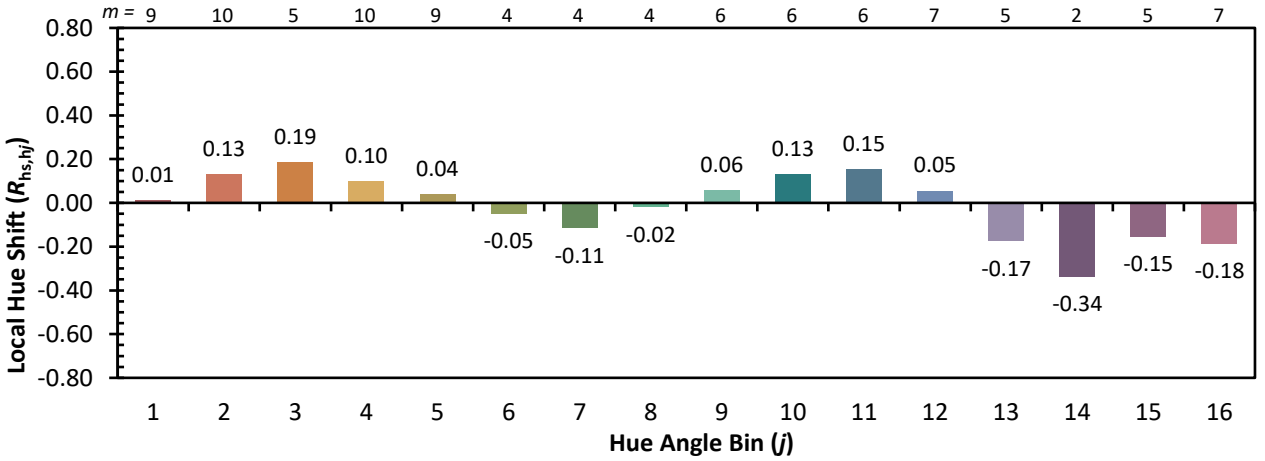


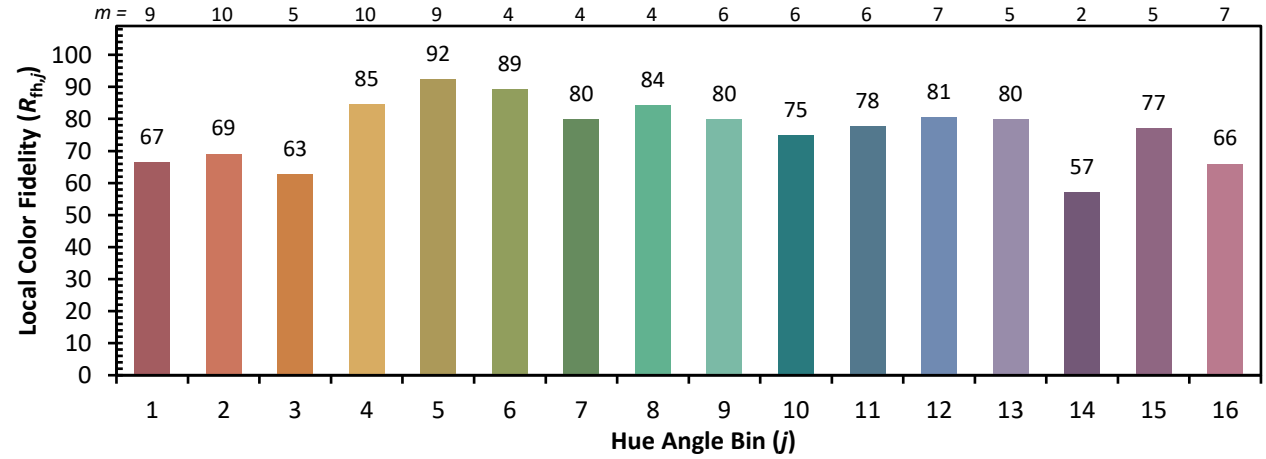
REPORT NUMBER: SP2-2501-321-2

TM-30-18

Color Rendition by Hue-Angle Bin



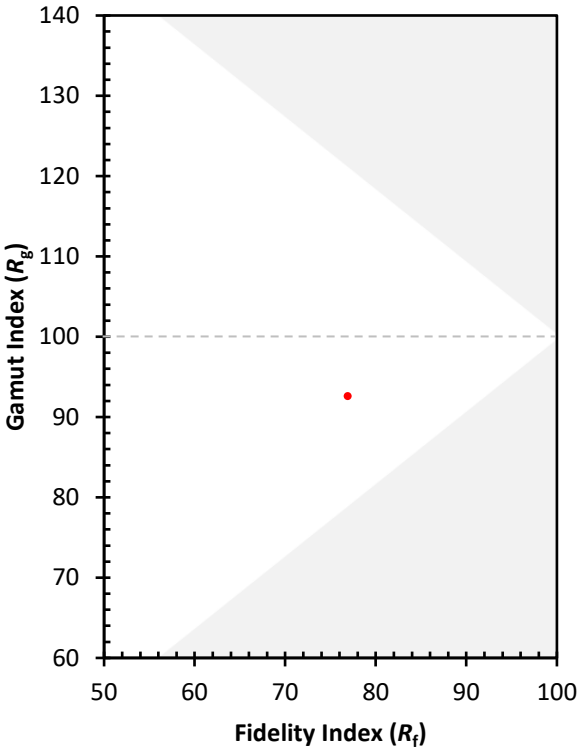


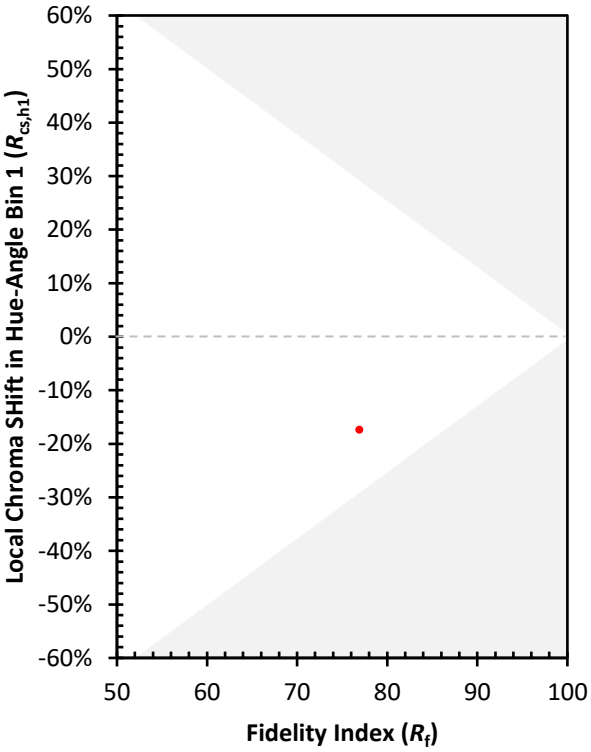


REPORT NUMBER: SP2-2501-321-2

TM-30-18

Measure Comparisons





(END OF REPORT)