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: P972192

Luminaire Tested: **GKO-PB1E-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:	P972192
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/27/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB1E-722-U-T4W
Description:	GEKKO WALL PACK 5000LM PACKAGE 70CRI 2200K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source:	(10) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4146.6 lumens
Efficiency:	N/A
Efficacy:	107.1 lumens/watt
Luminous Opening:	Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	38.7
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	9%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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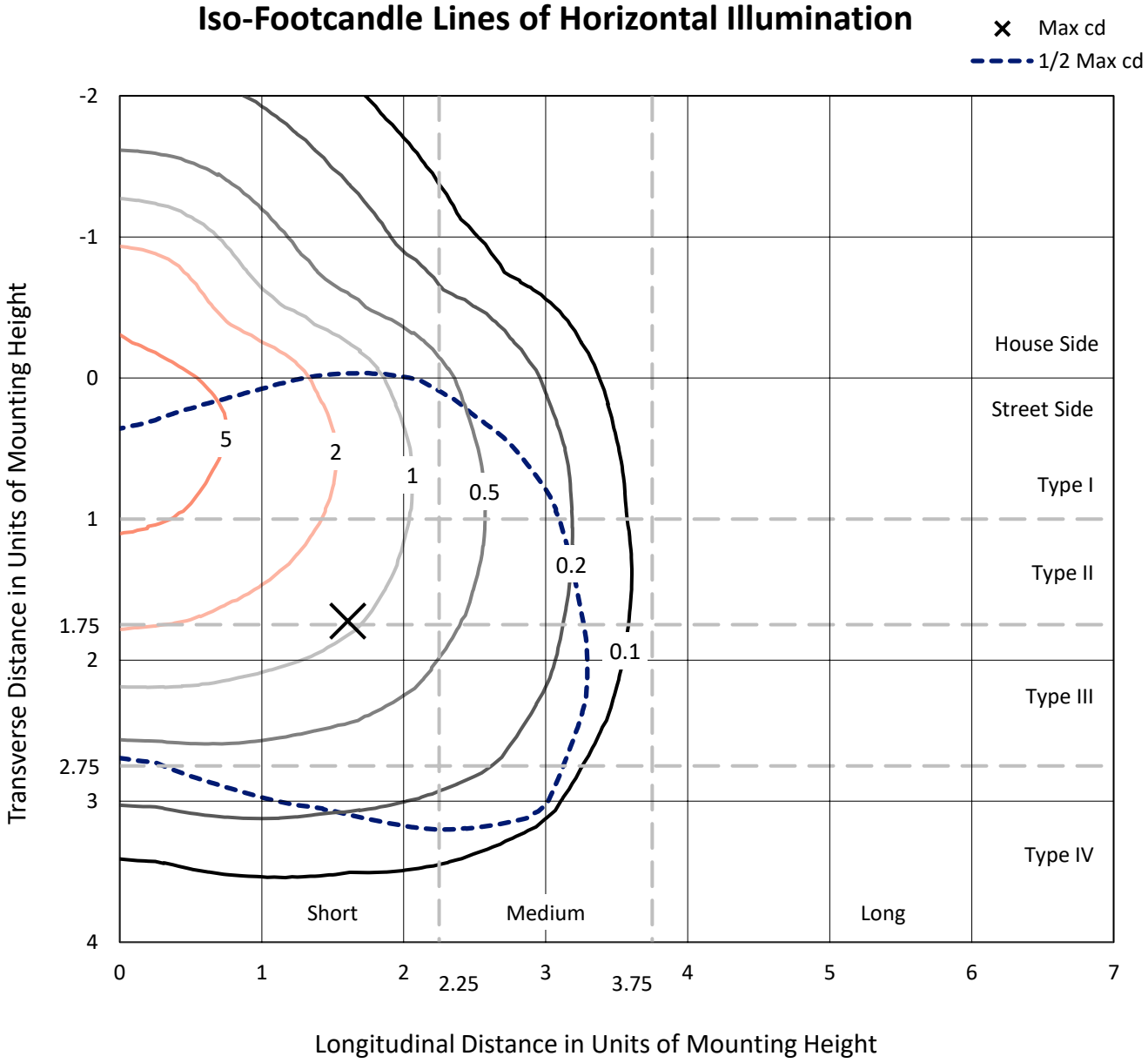
Scaled Data Report

REPORT NUMBER: P972192
CATALOG NUMBER: GKO-PB1E-722-U-T4W

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 7.9 fc
Type IV - Short - N/A

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REPORT NUMBER: P972192
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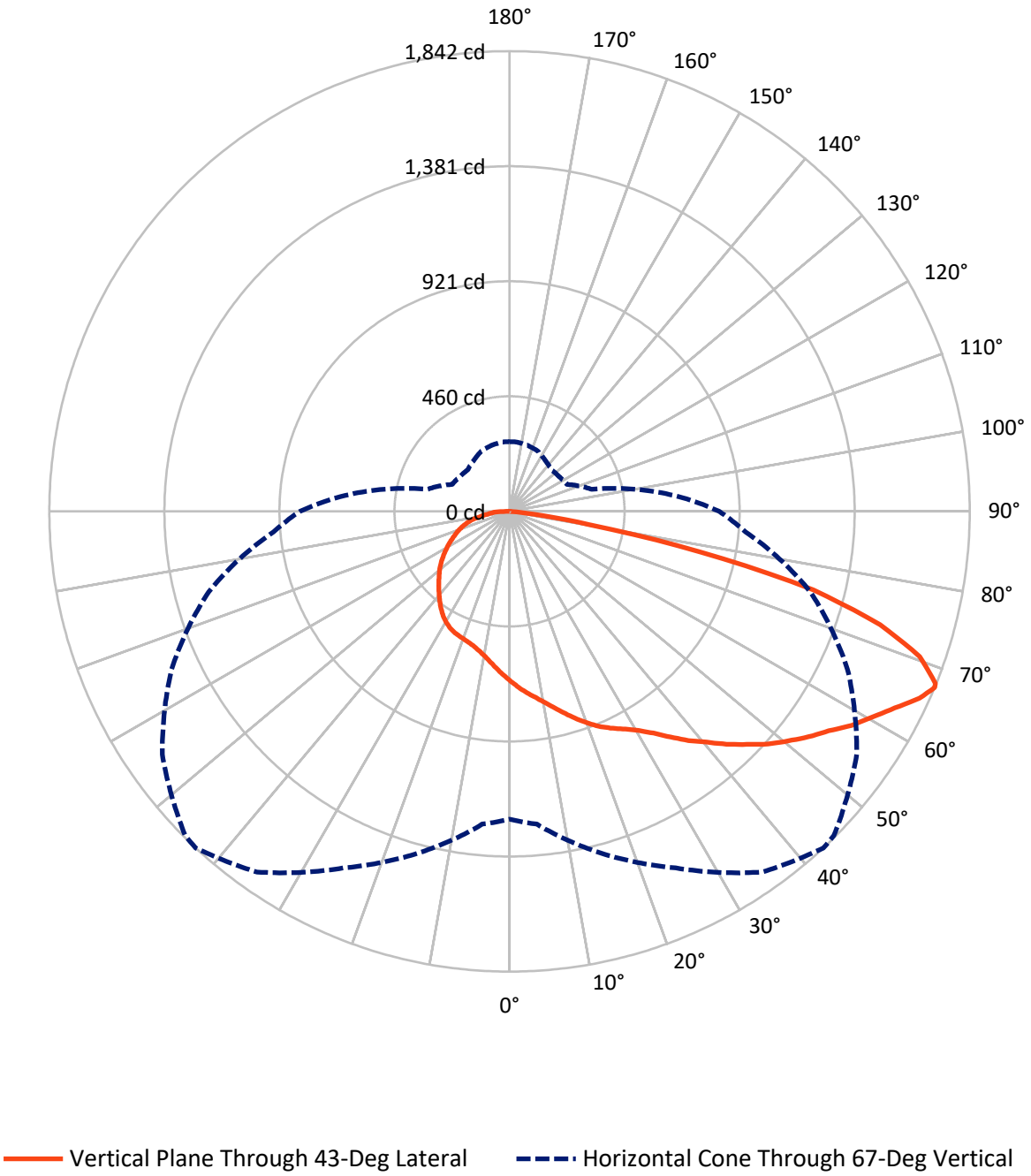
Luminous Intensity Polar Plot



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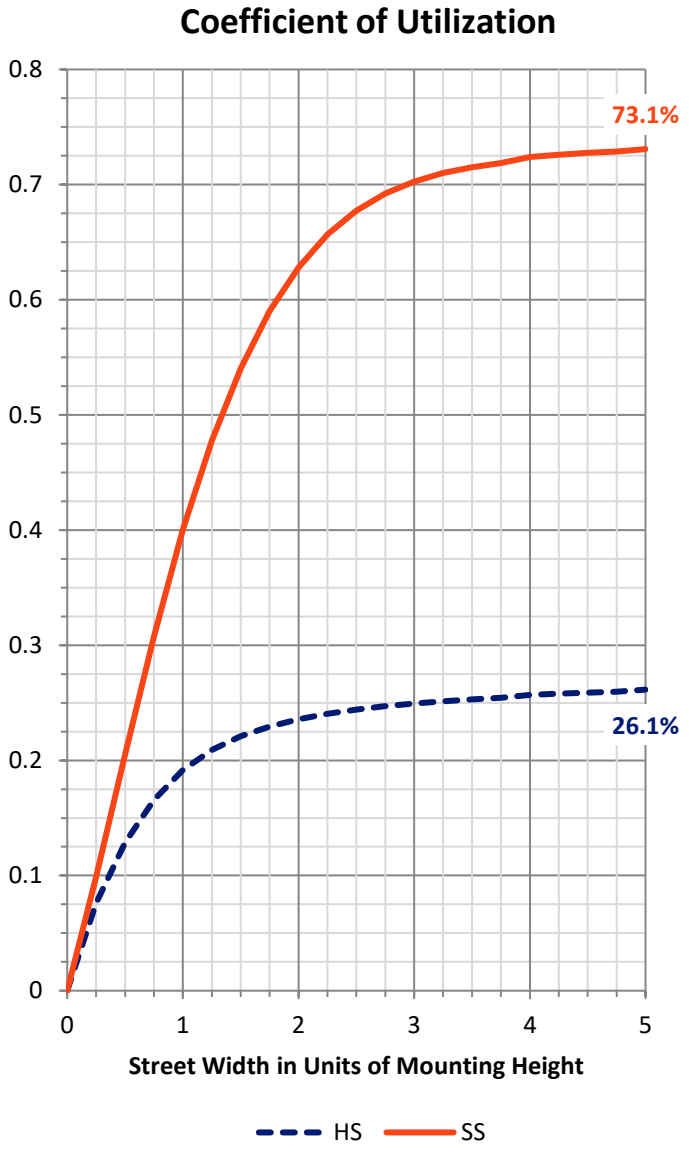
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1115.3	0.0	1115.3
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	3031.3	0.0	3031.3
	% Fixture	73.1	0.0	73.1
Total	Lumens	4146.6	0.0	4146.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.1	1.6
10°-20°	199.9	4.8
20°-30°	346.2	8.3
30°-40°	513.7	12.4
40°-50°	697.9	16.8
50°-60°	856.7	20.7
60°-70°	903.0	21.8
70°-80°	498.4	12.0
80°-90°	65.6	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°	4146.6	100.0
0°-180°	4146.6	100.0



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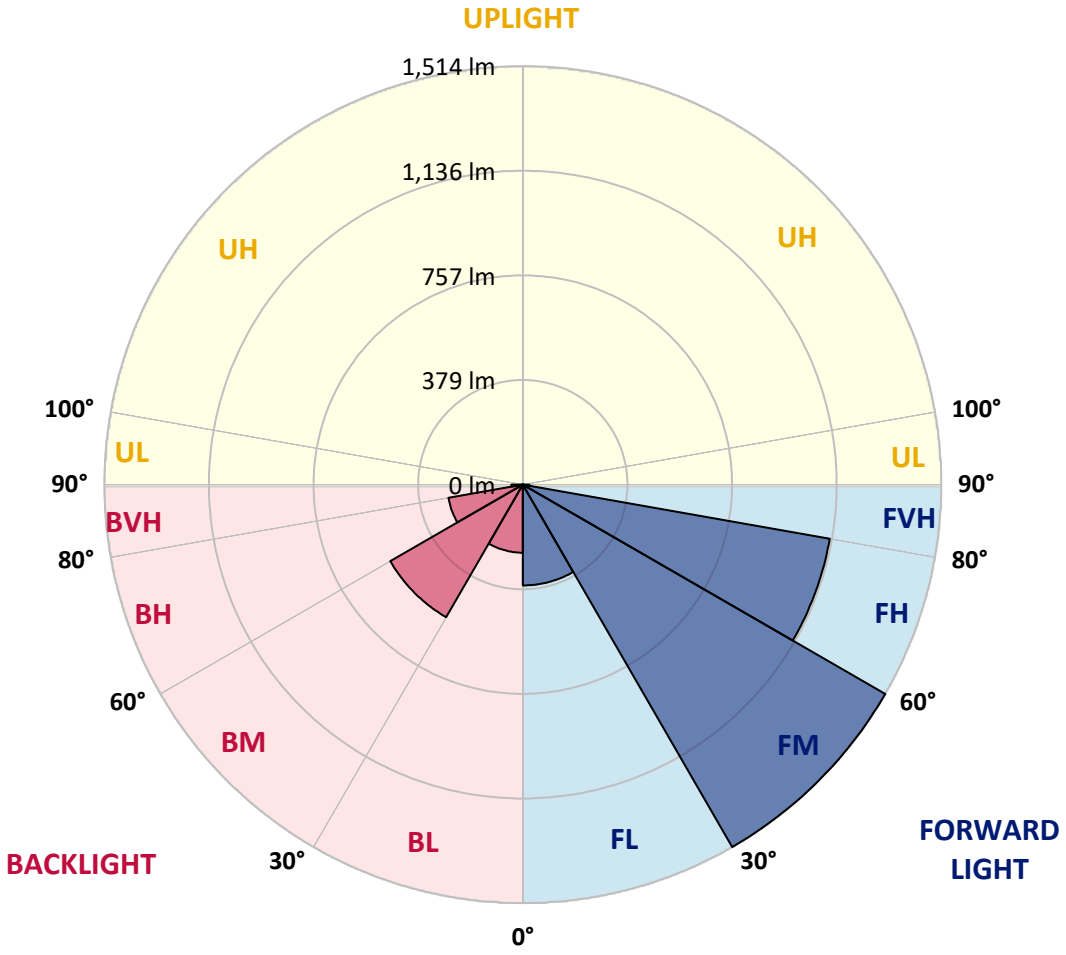
REPORT NUMBER: P972192
CATALOG NUMBER: GKO-PB1E-722-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	364.8	8.8			
FM	(30°-60°)	1514.4	36.5			
FH	(60°-80°)	1128.1	27.2			G1/1800
FVH	(80°-90°)	24.0	0.6			G1/100
BL	(0°-30°)	246.4	5.9	B1/500		
BM	(30°-60°)	553.9	13.4	B1/1000		
BH	(60°-80°)	273.3	6.6	B1/500		G1/500
BVH	(80°-90°)	41.7	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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Scaled Data Report

REPORT NUMBER: P972192
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	680.6	680.6	680.6	680.6	680.6	*680.6*	680.6	680.6	680.6	680.6	680.6
2.5°	712.1	713.8	712.1	710.5	707.2	*705.5*	703.8	699.7	694.7	687.2	681.4
5°	743.7	743.7	741.2	739.5	734.5	*729.6*	727.1	717.1	706.3	693.9	682.3
7.5°	772.7	776.0	771.9	767.7	760.3	*752.0*	750.3	735.4	720.4	703.8	686.4
10°	809.2	811.7	805.9	802.6	788.5	*777.7*	774.4	756.1	736.2	715.5	693.0
12.5°	846.6	848.3	844.1	836.6	821.7	*808.4*	803.4	779.4	753.6	728.7	700.5
15°	879.0	880.6	879.0	870.7	856.6	*840.0*	833.3	806.8	775.2	742.8	709.6
17.5°	903.0	906.4	906.4	902.2	889.8	*874.0*	869.8	836.6	800.1	759.4	720.4
20°	923.8	925.4	928.8	926.3	919.6	*906.4*	900.5	869.0	825.0	778.5	731.2
22.5°	940.4	942.0	947.9	947.0	942.9	*936.2*	930.4	901.4	854.1	797.6	741.2
25°	969.4	968.6	971.9	969.4	964.5	*962.0*	958.6	932.9	883.1	820.0	754.5
27.5°	1020.1	1018.4	1015.1	1002.6	990.2	*986.9*	984.4	966.1	917.1	845.8	769.4
30°	1094.8	1096.4	1080.7	1052.4	1027.5	*1017.6*	1014.3	1001.8	955.3	875.6	786.0
32.5°	1183.6	1182.7	1157.0	1117.2	1078.2	*1058.2*	1051.6	1038.3	993.5	905.5	805.1
35°	1247.5	1245.8	1232.5	1196.9	1156.2	*1108.9*	1096.4	1075.7	1034.2	939.6	824.2
37.5°	1333.8	1331.3	1305.6	1268.2	1231.7	*1163.7*	1149.5	1121.3	1073.2	972.8	845.8
40°	1432.6	1416.8	1374.5	1336.3	1286.5	*1214.3*	1202.7	1166.1	1118.0	1013.4	870.7
42.5°	1522.2	1499.0	1444.2	1396.1	1333.8	*1274.0*	1259.1	1215.9	1161.2	1050.8	896.4
45°	1656.7	1600.2	1521.4	1493.2	1385.3	*1330.5*	1318.0	1264.9	1208.5	1091.4	922.1
47.5°	1640.1	1600.2	1574.5	1571.2	1439.2	*1391.9*	1373.6	1318.9	1259.1	1134.6	948.7
50°	1672.4	1640.9	1642.6	1601.9	1488.2	*1444.2*	1430.9	1375.3	1310.6	1176.9	976.9
52.5°	1665.8	1674.9	1670.0	1606.9	1535.5	*1499.0*	1489.0	1433.4	1359.5	1217.6	1001.8
55°	1718.9	1713.9	1703.2	1640.9	1587.8	*1550.4*	1542.1	1494.0	1409.3	1252.5	1023.4
57.5°	1757.9	1732.2	1731.4	1679.1	1645.9	*1615.2*	1601.9	1556.2	1455.8	1283.2	1040.0
60°	1733.9	1703.2	1725.6	1684.9	1681.6	*1670.0*	1662.5	1611.0	1497.3	1306.4	1046.6
62.5°	1605.2	1612.7	1679.1	1676.6	1720.6	*1731.4*	1723.1	1649.2	1524.7	1314.7	1041.6
65°	1435.1	1457.5	1559.6	1646.7	1766.2	*1803.6*	1795.3	1676.6	1522.2	1295.6	1008.4
67°	*1232.5*	*1256.6*	*1416.0*	*1574.5*	*1762.1*	*1841.8*	*1836.0*	*1696.5*	*1492.3*	*1246.7*	*948.7*
67.5°	1187.7	1215.1	1374.5	1541.3	1747.1	*1838.4*	1834.3	1698.2	1482.4	1223.4	925.4
70°	874.0	906.4	1131.3	1354.6	1627.6	*1742.2*	1741.3	1635.9	1379.5	1097.3	802.6
72.5°	544.5	573.5	806.8	1056.6	1410.2	*1551.3*	1545.5	1425.1	1187.7	895.6	633.3
75°	333.7	351.9	508.0	688.9	1022.6	*1255.8*	1264.1	1113.9	810.1	532.0	357.7
77.5°	204.2	224.1	320.4	425.0	625.0	*781.0*	782.7	617.5	415.8	289.7	195.9
80°	113.7	118.7	166.8	222.4	320.4	*322.0*	308.8	272.2	215.8	139.4	100.4
82.5°	44.8	48.1	72.2	89.6	91.3	*95.4*	88.8	80.5	68.1	44.8	31.5
85°	0.0	0.0	0.0	1.7	5.8	*11.6*	11.6	8.3	3.3	2.5	2.5
87.5°	0.0	0.0	0.0	0.8	0.8	*0.8*	0.8	0.8	0.8	0.8	0.8
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: P972192
CATALOG NUMBER: GKO-PB1E-722-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	680.6	680.6	680.6	680.6	680.6	680.6	680.6	680.6	680.6	680.6	680.6
2.5°	679.8	678.9	673.1	666.5	661.5	657.4	653.2	648.2	648.2	649.9	649.1
5°	678.1	674.0	663.2	651.5	642.4	634.1	626.6	620.0	619.2	620.0	620.8
7.5°	678.9	671.5	654.9	637.4	622.5	611.7	600.9	595.9	595.1	595.1	595.1
10°	682.3	671.5	649.1	625.0	606.7	591.0	579.3	574.4	575.2	576.0	576.8
12.5°	688.1	673.1	644.9	614.2	591.0	575.2	563.6	559.4	562.7	566.9	567.7
15°	693.9	676.4	640.8	605.1	578.5	561.1	552.8	551.9	557.8	565.2	566.9
17.5°	700.5	678.9	635.8	593.4	565.2	551.1	547.0	549.5	558.6	570.2	572.7
20°	707.2	682.3	630.0	582.7	552.8	542.8	545.3	552.8	564.4	578.5	581.0
22.5°	713.8	684.7	622.5	569.4	539.5	536.2	545.3	557.8	569.4	585.1	588.5
25°	721.3	688.1	613.4	552.8	526.2	528.7	544.5	559.4	571.9	588.5	592.6
27.5°	732.9	693.0	604.2	537.8	511.3	519.6	540.3	558.6	571.9	587.6	592.6
30°	744.5	698.0	596.8	522.1	496.3	507.1	532.0	554.4	567.7	581.8	588.5
32.5°	757.8	704.7	590.1	506.3	479.7	493.0	520.4	545.3	561.1	573.5	580.2
35°	771.9	714.6	585.1	492.2	463.1	474.8	503.0	533.7	549.5	561.1	566.9
37.5°	790.2	725.4	581.8	478.1	445.7	455.7	484.7	517.1	535.3	544.5	551.9
40°	810.1	741.2	581.8	466.5	429.1	435.7	465.6	500.5	518.7	526.2	533.7
42.5°	830.0	757.0	581.0	454.8	411.7	416.7	446.5	482.2	499.7	505.5	511.3
45°	853.2	775.2	580.2	441.6	392.6	397.6	428.3	464.0	480.6	485.5	490.5
47.5°	878.1	793.5	576.8	425.0	375.2	379.3	410.0	443.2	459.8	465.6	470.6
50°	900.5	810.9	568.5	405.9	359.4	363.5	390.9	418.3	433.3	439.9	444.9
52.5°	920.5	823.4	555.3	384.3	342.0	346.9	367.7	391.8	403.4	408.4	411.7
55°	936.2	830.0	533.7	363.5	325.4	327.8	344.4	366.0	375.2	376.0	378.5
57.5°	947.0	829.2	504.6	339.5	308.8	309.6	321.2	340.3	346.9	346.1	347.8
60°	949.5	818.4	469.8	317.1	292.2	289.7	301.3	314.6	318.7	322.0	326.2
62.5°	939.6	792.6	429.9	294.6	275.6	271.4	279.7	291.3	298.0	299.6	301.3
65°	903.0	745.3	381.8	271.4	259.0	251.5	260.6	277.2	288.0	291.3	290.5
67°	*839.1*	*678.9*	*340.3*	*254.0*	*242.4*	*235.7*	*249.0*	*266.4*	*273.9*	*278.9*	*278.9*
67.5°	818.4	654.9	326.2	248.2	238.2	232.4	244.8	261.4	271.4	277.2	277.2
70°	694.7	537.0	275.6	219.1	214.1	215.0	229.9	248.2	260.6	266.4	266.4
72.5°	529.5	415.8	224.1	190.9	189.2	195.0	214.1	230.7	246.5	256.5	255.6
75°	300.5	239.9	163.5	156.0	162.7	174.3	198.4	216.6	230.7	240.7	239.9
77.5°	175.1	144.4	112.9	107.1	126.2	152.7	177.6	200.9	210.8	214.1	211.6
80°	88.8	75.5	70.5	73.0	84.7	113.7	155.2	182.6	190.1	192.6	190.1
82.5°	28.2	25.7	28.2	37.3	56.4	89.6	125.3	165.2	174.3	174.3	173.5
85°	1.7	1.7	1.7	16.6	39.0	66.4	97.9	144.4	163.5	161.8	159.4
87.5°	0.8	0.8	0.8	10.8	30.7	55.6	86.3	131.1	156.0	144.4	136.1
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: SP2-2501-321-2

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

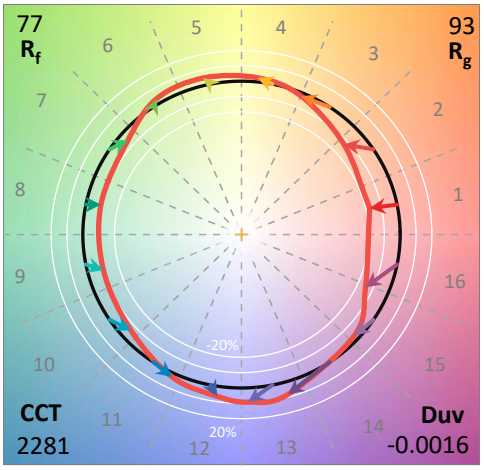
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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

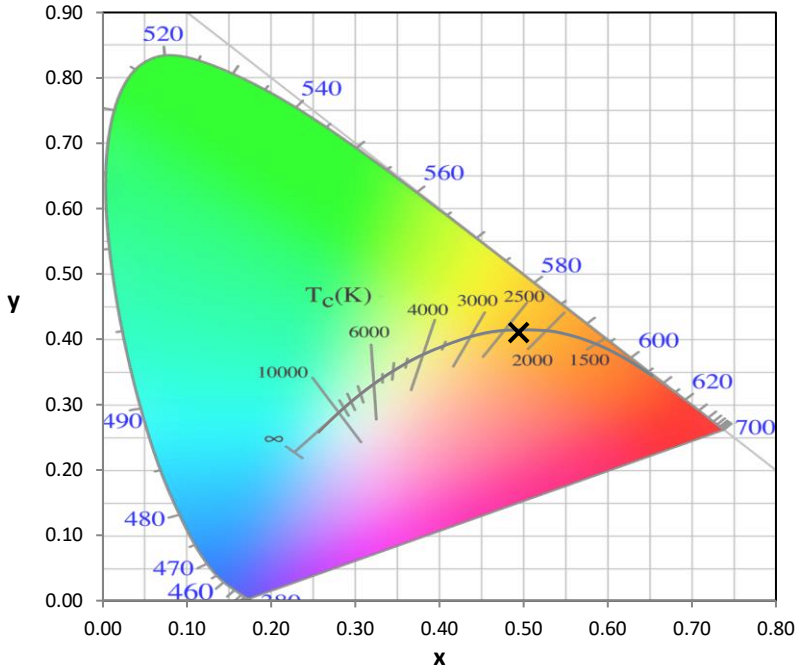
Stabilization Time:	40M
Operation Time:	1H 40M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP2-2501-321-2

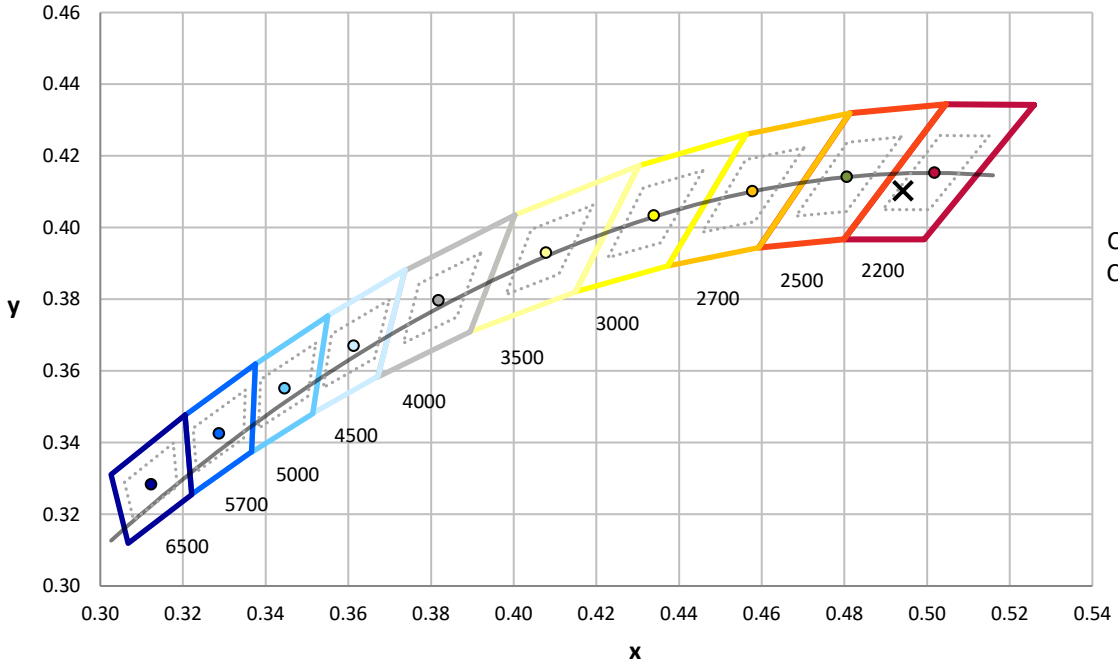
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

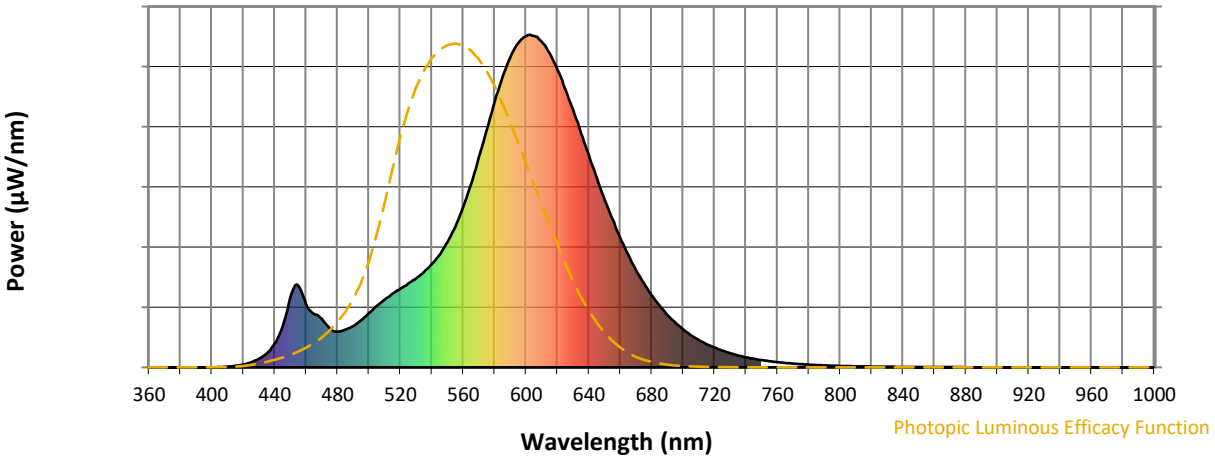


CCT = 2281K
CIE x = 0.4942
CIE y = 0.4102
Duv = -0.0016

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			

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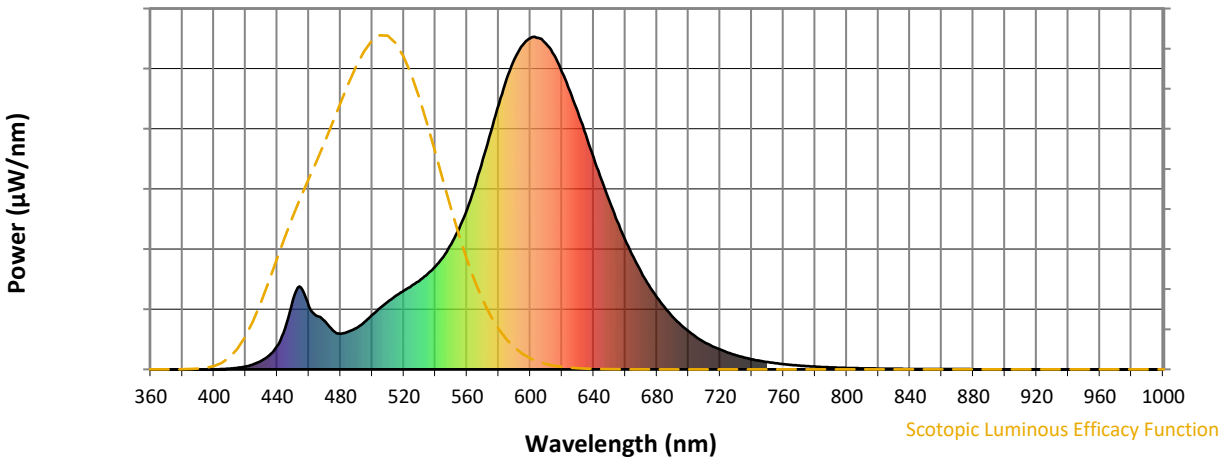
Scotopic Flux vs. Wavelength



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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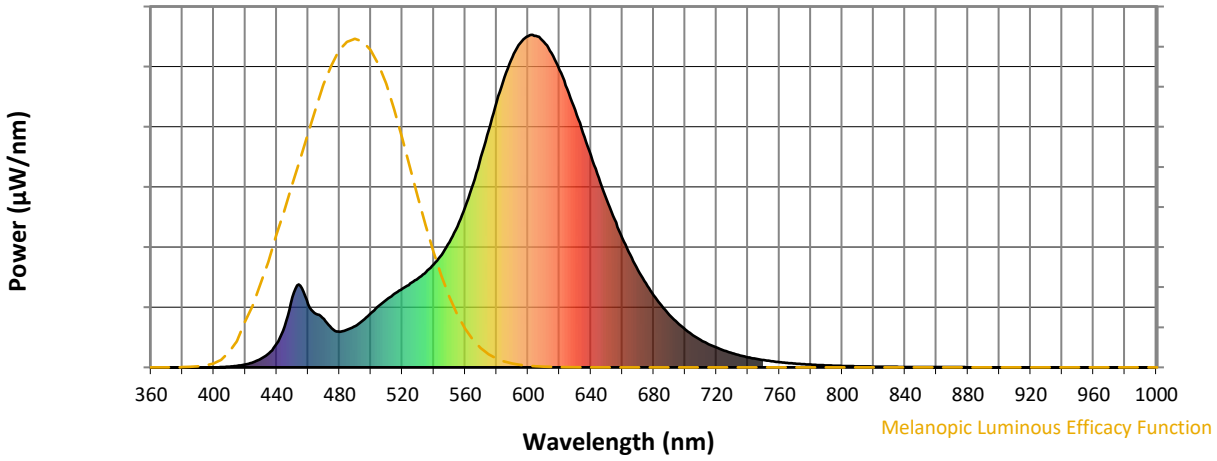
Melanopic Flux vs. Wavelength



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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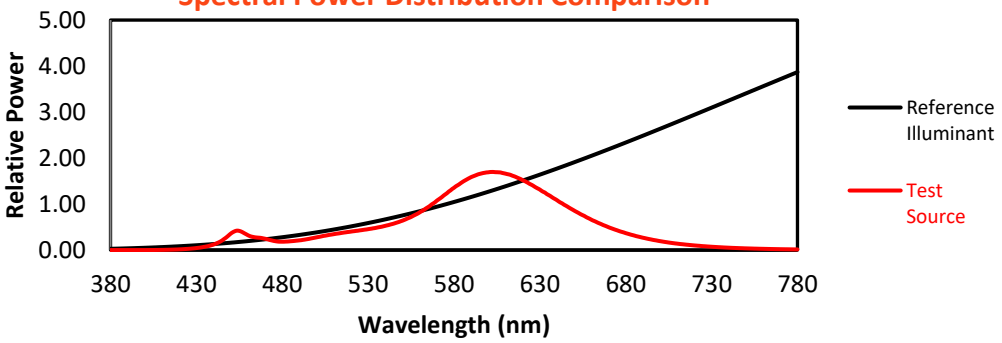
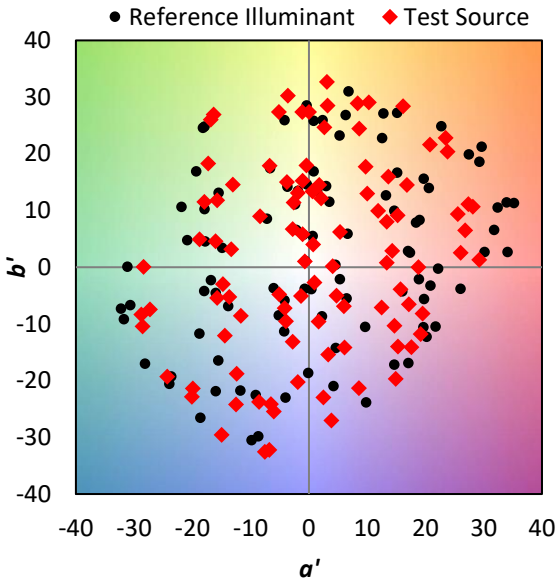
Summary

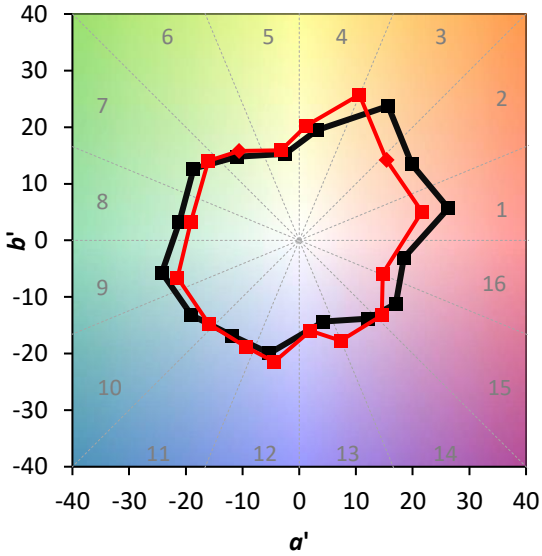
R_f = 76.9
R_g = 92.6
CIE R_a = 70.6
R_9 = -35.1

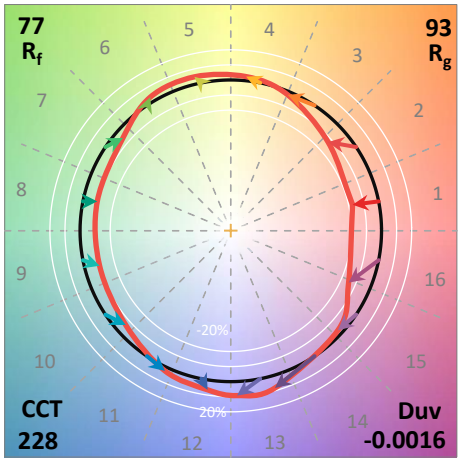
Spectral Power Distribution Comparison

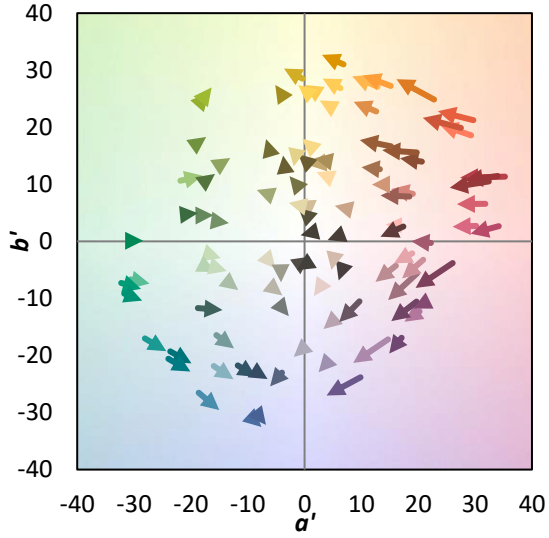


Color Vector Graphics









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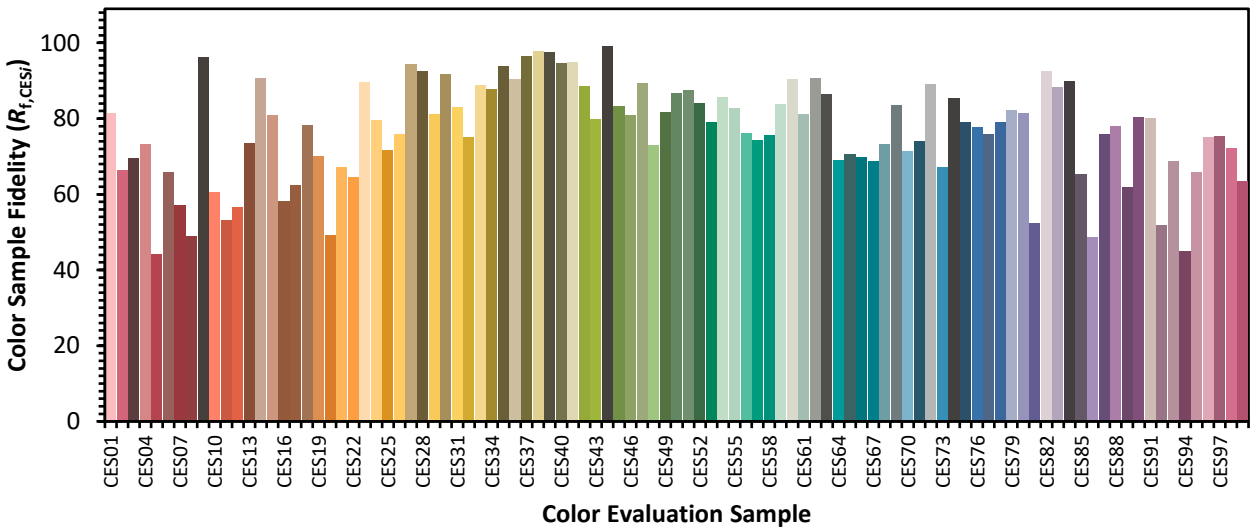
Individual Sample Fidelity Index ($R_{f,i}$)

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	



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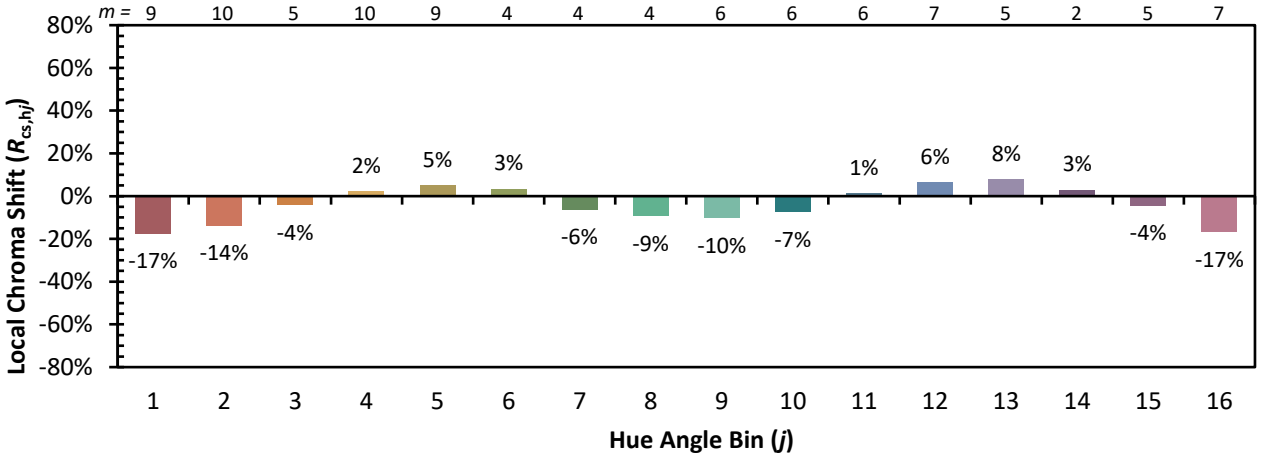
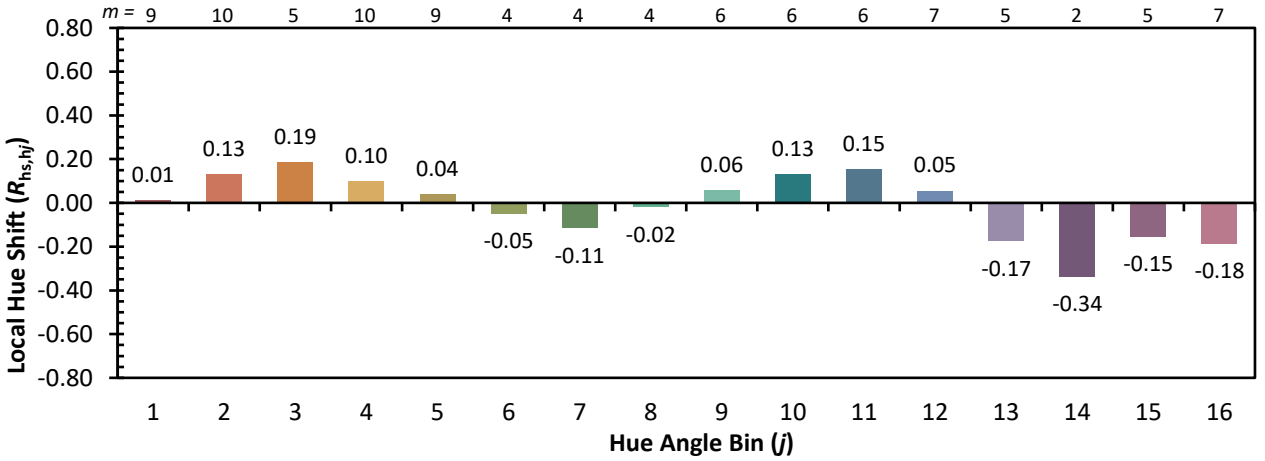
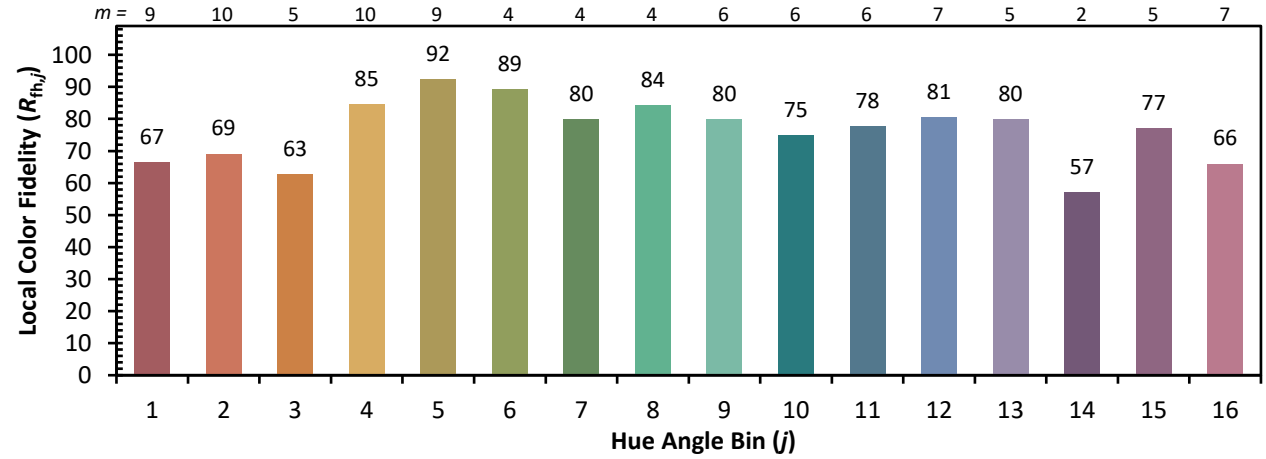
Color Rendition by Hue-Angle Bin







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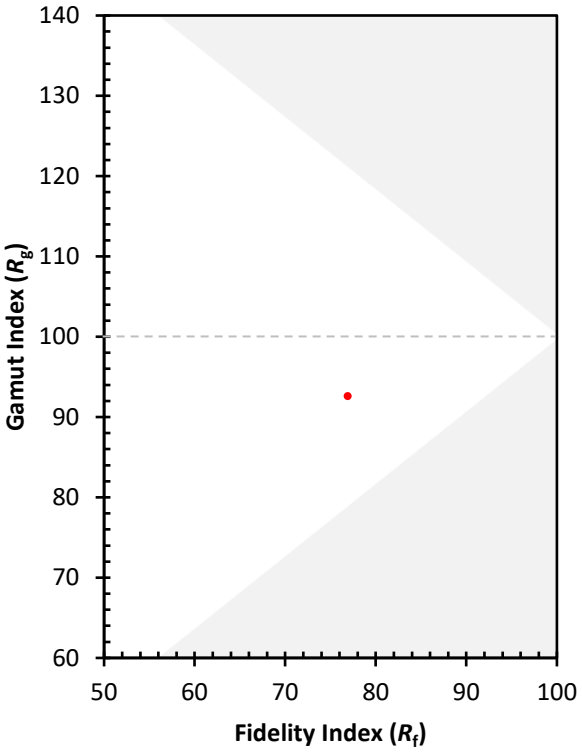
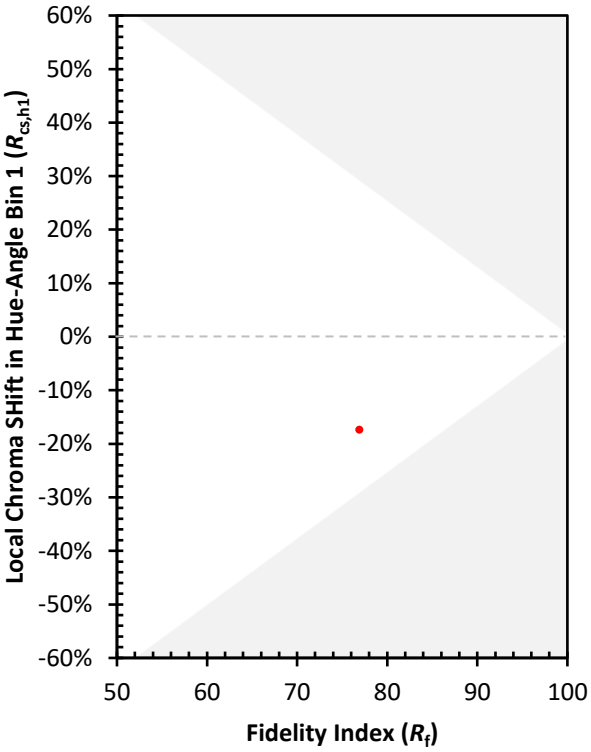
Measure Comparisons





(END OF REPORT)