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: P972281

Luminaire Tested: **GKO-PB2A-740-U-T3**

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:	P972281
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/27/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB2A-740-U-T3
Description:	GEKKO WALL PACK 4000LM PACKAGE 70CRI 4000K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source:	(20) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4184.1 lumens
Efficiency:	N/A
Efficacy:	157.9 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G1

Input Watts (W):	26.5
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	12%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P972281
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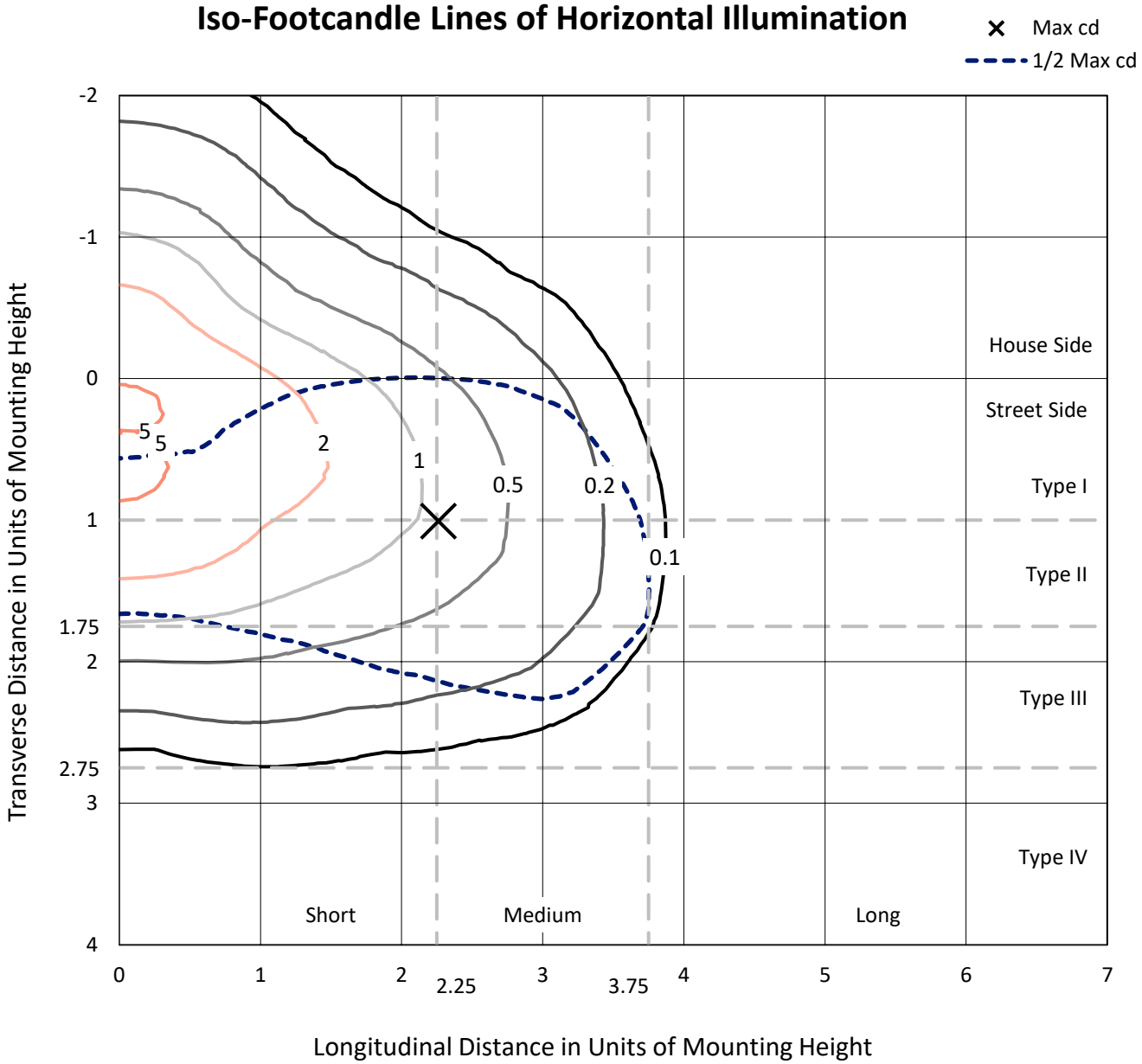
Iso-Footcandle Lines of Horizontal Illumination



Based on 12 foot mounting height. Maximum calculated value = 5.6 fc
Type III - Medium - N/A

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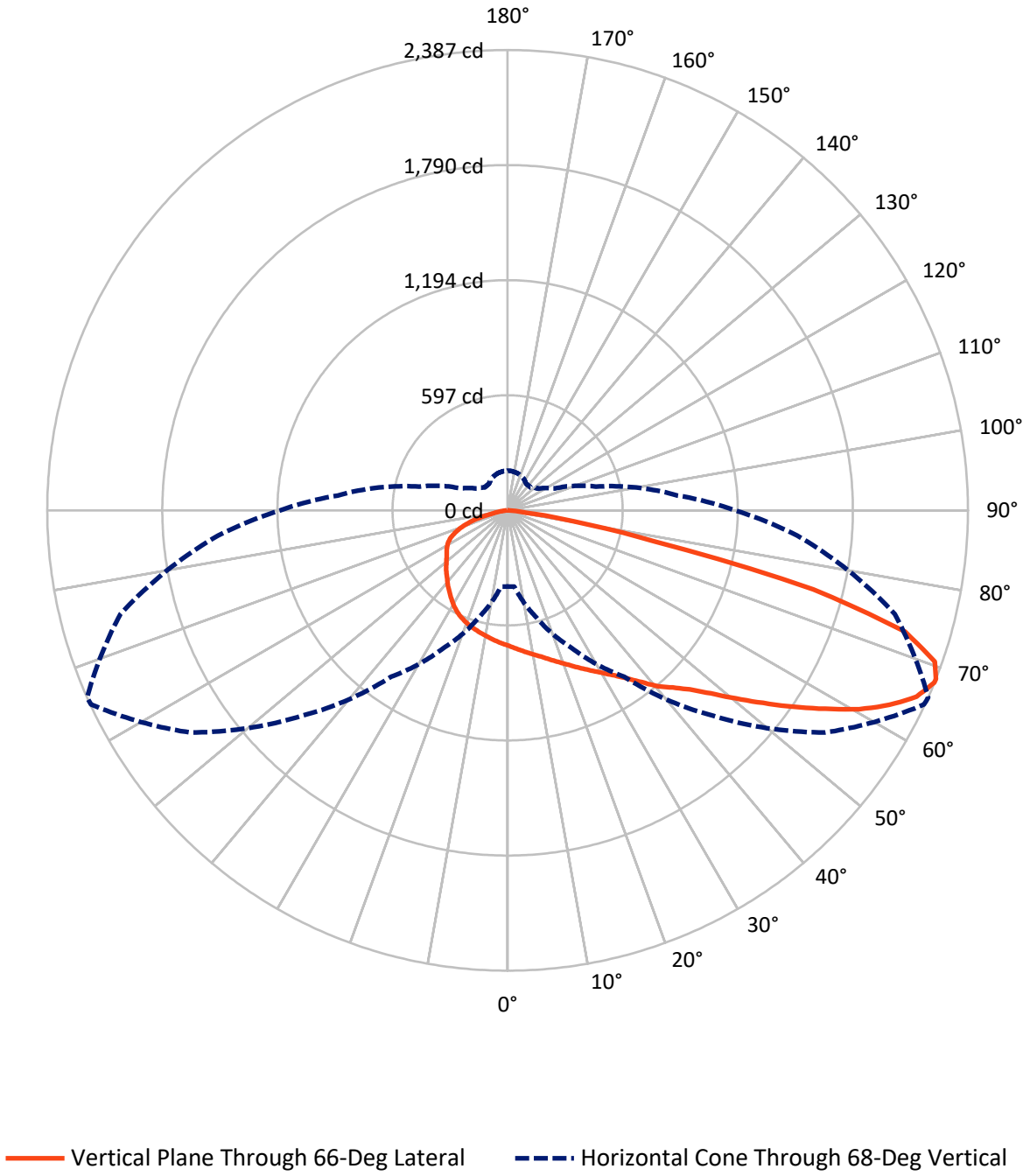
REPORT NUMBER: P972281
CATALOG NUMBER: GKO-PB2A-740-U-T3

Luminous Intensity Polar Plot



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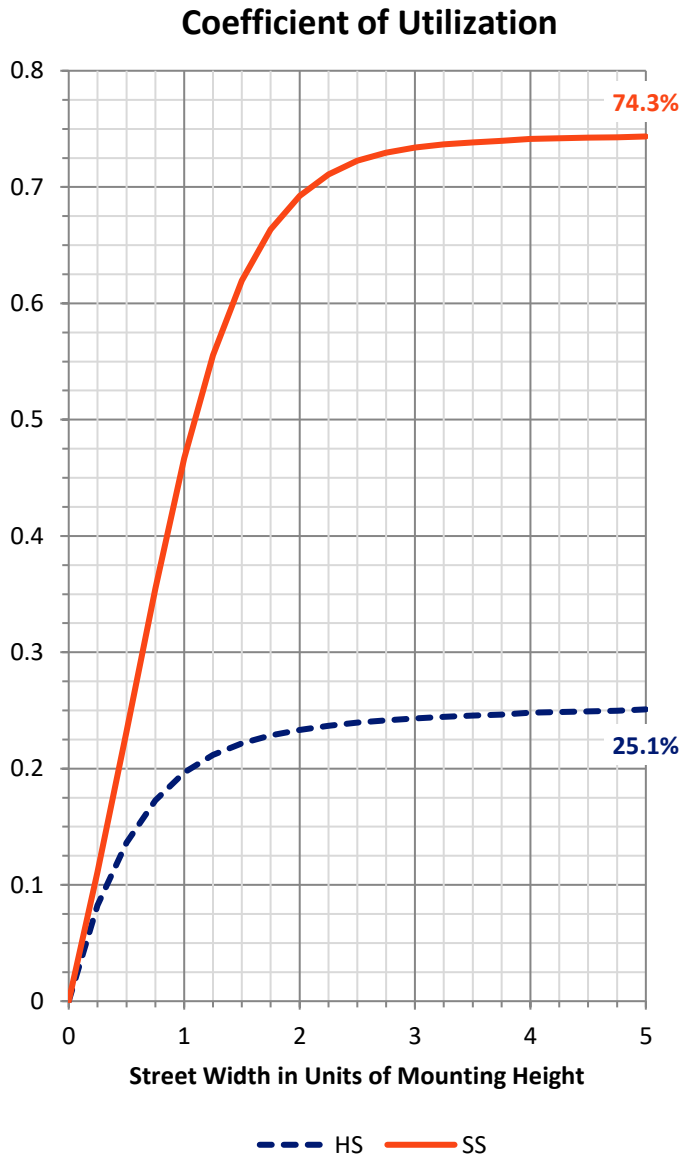
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1071.2	0.0	1071.2
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	3112.9	0.0	3112.9
	% Fixture	74.4	0.0	74.4
Total	Lumens	4184.1	0.0	4184.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.3	1.6
10°-20°	202.4	4.8
20°-30°	348.7	8.3
30°-40°	540.9	12.9
40°-50°	741.0	17.7
50°-60°	884.0	21.1
60°-70°	885.8	21.2
70°-80°	468.8	11.2
80°-90°	45.2	1.1
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°	4184.1	100.0
0°-180°	4184.1	100.0



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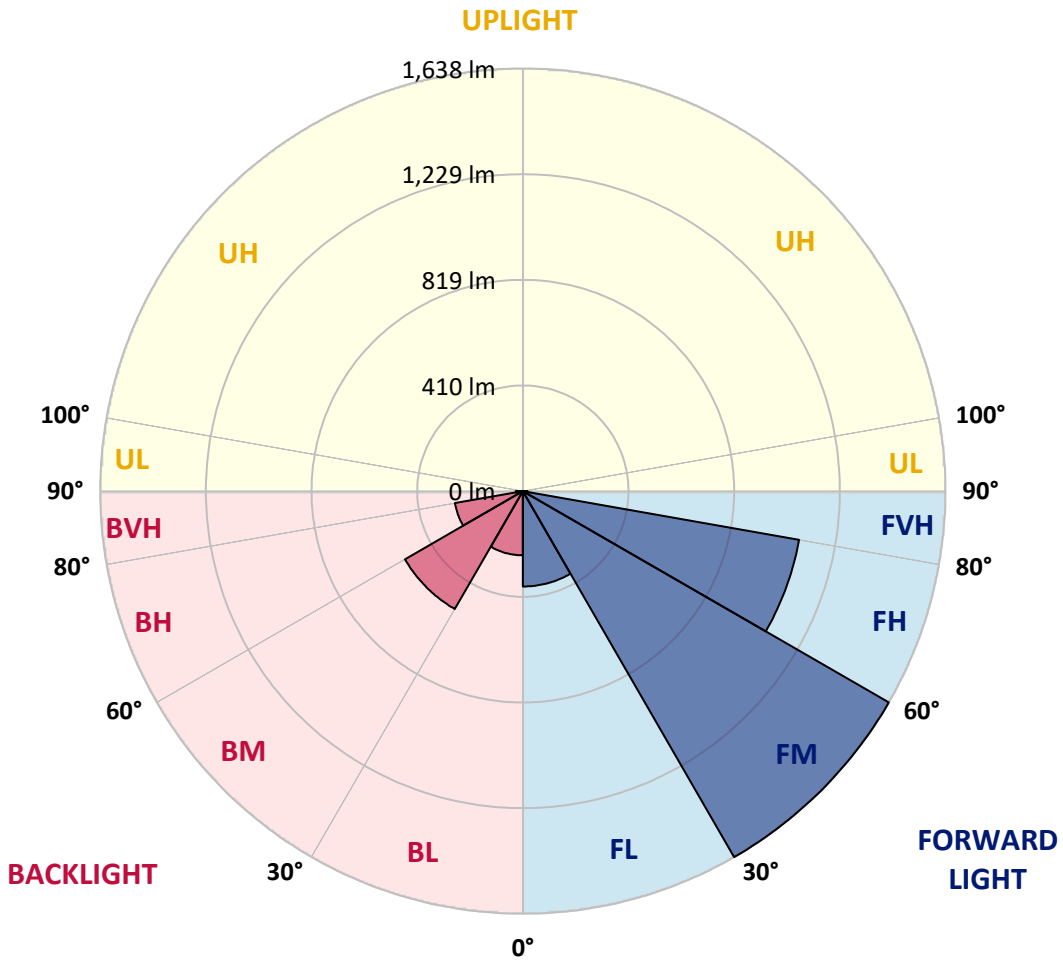
CATALOG NUMBER: GKO-PB2A-740-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	369.6	8.8			
FM	(30°-60°)	1638.3	39.2			
FH	(60°-80°)	1087.3	26.0			G1/1800
FVH	(80°-90°)	17.8	0.4			G1/100
BL	(0°-30°)	248.8	5.9	B1/500		
BM	(30°-60°)	527.7	12.6	B1/1000		
BH	(60°-80°)	267.3	6.4	B1/500		G1/500
BVH	(80°-90°)	27.5	0.7			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 III Medium



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REPORT NUMBER: P972281
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	701.8	701.8	701.8	701.8	701.8	701.8	701.8	701.8	*701.8*	701.8	701.8
2.5°	731.0	731.0	729.4	728.6	727.8	722.9	719.6	715.6	*715.6*	709.1	703.4
5°	756.2	757.0	753.7	753.7	750.5	744.0	737.5	729.4	*729.4*	719.6	708.3
7.5°	778.1	780.6	777.3	777.3	774.1	766.7	756.2	744.8	*744.8*	731.0	714.8
10°	799.2	800.9	799.2	800.9	796.0	789.5	777.3	761.9	*761.1*	744.0	721.3
12.5°	816.3	817.9	818.7	821.2	817.1	812.2	800.9	781.4	*778.9*	758.6	729.4
15°	832.5	834.2	836.6	839.8	839.0	835.0	824.4	802.5	*800.9*	774.9	739.9
17.5°	845.5	846.3	851.2	857.7	859.3	860.2	848.8	826.0	*824.4*	793.5	751.3
20°	864.2	865.8	870.7	877.2	882.1	885.3	876.4	851.2	*849.6*	815.5	765.9
22.5°	906.4	904.0	906.4	906.4	908.9	913.8	907.3	882.1	*878.8*	841.5	783.8
25°	986.0	983.6	977.1	962.5	946.2	945.4	938.1	913.8	*909.7*	868.3	800.9
27.5°	1097.3	1091.6	1079.5	1048.6	1009.6	984.4	973.1	947.9	*943.0*	895.1	817.1
30°	1215.1	1221.6	1201.3	1159.1	1087.6	1034.0	1012.0	983.6	*979.5*	925.1	836.6
32.5°	1352.4	1353.2	1332.9	1274.4	1181.8	1096.5	1059.1	1024.2	*1021.0*	960.1	862.6
35°	1432.0	1435.2	1426.3	1371.9	1266.3	1165.6	1116.0	1073.8	*1071.3*	1003.9	895.1
37.5°	1514.8	1522.1	1508.3	1448.2	1330.4	1229.7	1179.4	1133.1	*1130.6*	1054.3	935.7
40°	1637.5	1634.2	1619.6	1531.1	1390.5	1283.3	1241.9	1205.3	*1199.7*	1116.0	977.1
42.5°	1726.0	1734.1	1702.4	1602.5	1456.3	1336.9	1304.4	1263.0	*1255.7*	1153.4	1001.5
45°	1756.0	1748.7	1713.8	1640.7	1542.4	1385.7	1363.7	1332.1	*1324.7*	1219.2	1049.4
47.5°	1762.5	1749.5	1718.7	1663.4	1615.5	1449.0	1436.0	1428.7	*1418.2*	1302.0	1107.1
50°	1722.7	1713.8	1699.2	1671.6	1662.6	1508.3	1514.8	1541.6	*1532.7*	1391.4	1171.2
52.5°	1632.6	1628.5	1641.5	1659.4	1635.8	1559.5	1608.2	1662.6	*1659.4*	1489.6	1240.3
55°	1462.8	1462.8	1535.9	1598.5	1612.3	1592.8	1708.9	1802.3	*1798.3*	1600.1	1306.1
57.5°	1307.7	1310.1	1371.0	1511.6	1570.0	1628.5	1821.0	1948.5	*1942.0*	1724.4	1375.1
60°	1111.9	1111.9	1204.5	1380.8	1509.1	1656.1	1920.1	2089.9	*2093.9*	1844.6	1443.3
62.5°	880.5	882.9	1011.2	1218.3	1421.4	1661.0	1998.9	2223.1	*2222.3*	1953.4	1496.1
65°	649.0	649.8	824.4	1038.0	1289.8	1626.9	2041.9	2325.4	*2330.3*	2039.5	1527.0
67.5°	421.5	429.7	606.7	842.3	1103.8	1530.2	2019.2	2379.8	*2385.5*	2079.3	1517.2
68°	*394.7*	*396.4*	*574.2*	*788.7*	*1053.5*	*1505.9*	*2008.6*	*2382.3*	*2387.1*	*2078.5*	*1507.5*
70°	255.9	255.9	411.0	615.7	840.7	1354.0	1916.9	2344.1	*2349.8*	2042.8	1436.8
72.5°	138.1	140.5	234.7	372.8	574.2	1047.8	1730.1	2145.1	*2154.8*	1847.0	1256.5
75°	96.7	98.3	136.5	208.7	312.7	682.3	1352.4	1639.1	*1637.5*	1276.0	787.1
77.5°	69.9	69.9	78.0	130.0	164.1	311.9	669.3	789.5	*780.6*	623.0	397.2
80°	45.5	45.5	48.7	68.2	78.8	95.0	204.7	341.9	*348.4*	303.8	198.2
82.5°	18.7	19.5	21.1	27.6	28.4	39.8	58.5	98.3	*95.0*	77.2	56.0
85°	2.4	2.4	3.2	4.1	4.9	8.9	8.1	8.1	*8.1*	9.7	8.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.8	1.6	2.4	*2.4*	3.2	2.4
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: P972281
CATALOG NUMBER: GKO-PB2A-740-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	701.8	701.8	701.8	701.8	701.8	701.8	701.8	701.8	701.8	701.8	701.8
2.5°	701.8	701.8	696.9	692.0	687.1	683.1	677.4	673.3	674.2	676.6	675.8
5°	705.8	701.8	692.0	681.5	673.3	666.0	655.5	649.8	649.0	650.6	649.8
7.5°	708.3	701.8	687.1	670.9	657.9	648.2	633.5	627.9	625.4	626.2	626.2
10°	713.1	702.6	682.3	659.5	643.3	629.5	614.0	605.9	603.5	603.5	602.7
12.5°	718.8	704.2	677.4	649.8	628.7	612.4	594.6	585.6	583.2	583.2	582.4
15°	724.5	706.6	672.5	639.2	614.9	595.4	578.3	567.7	564.5	564.5	566.1
17.5°	731.8	709.1	667.7	629.5	600.2	578.3	560.4	549.9	545.8	548.3	549.9
20°	739.1	714.0	662.8	618.9	585.6	562.9	545.0	534.4	530.4	534.4	535.3
22.5°	749.7	718.0	657.1	606.7	571.0	545.8	529.6	519.8	517.4	521.5	524.7
25°	760.2	722.9	649.8	593.7	552.3	527.9	515.0	507.6	508.5	514.1	517.4
27.5°	771.6	726.9	642.5	577.5	532.0	509.3	499.5	497.9	501.1	507.6	511.7
30°	785.4	732.6	632.7	558.8	509.3	489.0	484.9	489.8	495.5	502.0	506.0
32.5°	803.3	739.9	623.0	537.7	485.7	467.0	473.5	484.1	490.6	497.1	501.1
35°	828.5	754.6	617.3	516.6	460.5	448.4	463.0	480.0	484.9	489.0	493.8
37.5°	857.7	774.1	614.9	497.1	437.8	432.1	452.4	472.7	474.3	476.0	480.8
40°	886.1	788.7	608.4	476.0	414.2	414.2	439.4	458.9	458.1	455.7	458.9
42.5°	897.5	787.1	589.7	455.7	395.6	396.4	419.1	437.8	432.9	432.9	437.8
45°	930.0	800.0	575.9	439.4	378.5	375.3	393.1	407.7	415.9	426.4	431.3
47.5°	971.4	817.9	565.3	420.7	362.3	351.7	361.4	385.8	399.6	411.0	415.0
50°	1014.5	838.2	555.6	401.2	346.0	324.9	329.8	356.6	368.8	374.4	376.9
52.5°	1058.3	856.9	548.3	385.0	327.3	293.2	303.8	329.0	337.9	341.1	342.8
55°	1097.3	872.3	541.8	371.2	306.2	268.0	276.2	302.1	308.6	311.9	314.3
57.5°	1138.7	889.4	537.7	358.2	282.7	246.1	251.8	275.3	284.3	287.5	290.0
60°	1175.3	905.6	534.4	344.4	260.7	226.6	229.9	252.6	262.4	264.0	266.4
62.5°	1199.7	916.2	529.6	327.3	240.4	207.9	208.7	230.7	241.2	242.9	244.5
65°	1206.2	913.8	515.0	304.6	220.1	189.2	189.2	210.4	221.7	227.4	229.9
67.5°	1186.7	893.5	484.1	275.3	200.6	172.2	172.2	190.9	203.1	209.6	212.0
68°	*1180.2*	*884.5*	*474.3*	*268.0*	*195.7*	*168.1*	*168.1*	*187.6*	*199.0*	*204.7*	*206.3*
70°	1124.9	840.7	429.7	240.4	180.3	155.9	155.9	173.0	185.2	185.2	184.4
72.5°	977.1	728.6	353.3	201.4	157.6	138.1	140.5	156.8	160.8	164.9	164.1
75°	605.1	436.2	237.2	159.2	132.4	121.0	125.9	140.5	143.0	151.9	149.5
77.5°	303.0	213.6	125.9	92.6	102.3	104.0	112.9	123.5	130.8	140.5	134.0
80°	149.5	104.0	73.9	57.7	60.1	76.3	98.3	106.4	119.4	125.9	120.2
82.5°	41.4	31.7	30.1	31.7	44.7	59.3	77.2	94.2	111.3	117.0	108.8
85°	7.3	5.7	4.9	15.4	30.9	43.9	62.5	83.7	99.9	95.8	90.2
87.5°	2.4	1.6	1.6	9.7	22.7	35.7	53.6	74.7	85.3	77.2	69.0
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: SP2-2501-321-1

Test Date: 04/09/2025

Luminaire Tested: GKO-PB1E-740-U-T4W

Data in this report applies to families of products including GKO-PB1E-740-U-T4W

Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

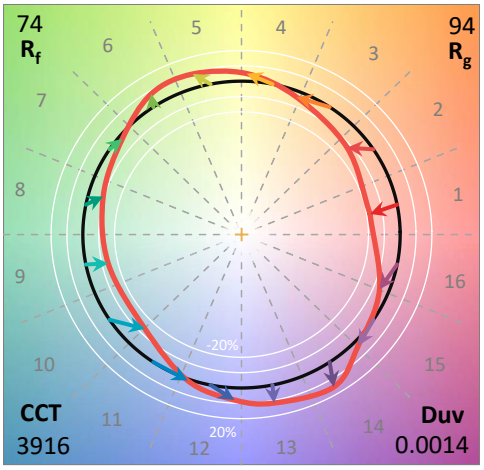
Test Information

Test Method:	LM-79-2019
Report Number:	SP2-2501-321-1
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-740-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	3916
CIE u':	0.2259
CIE v':	0.5049
Duv:	0.0014
CIE x:	0.3853
CIE y:	0.3827
CIE z:	0.2321
Peak Wavelength (nm):	449
Dominant Wavelength (nm):	578
Purity:	30.46652
Rf:	73.5
Rg:	93.5

CRI (Ra):	71.0				
R1:	67.4	R9:	-37.9
R2:	78.3	R10:	48.9
R3:	87.2	R11:	64.6
R4:	69.5	R12:	40.9
R5:	67.2	R13:	69.2
R6:	69.3	R14:	92.7
R7:	79.9	R15:	59.8
R8:	48.9		



Test Conditions

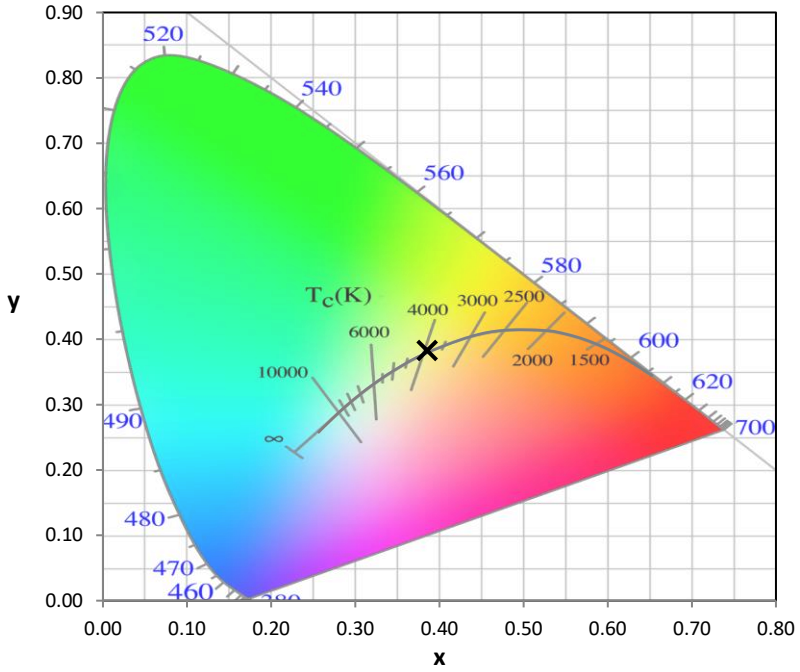
Stabilization Time:	33M
Operation Time:	1H 33M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP2-2501-321-1

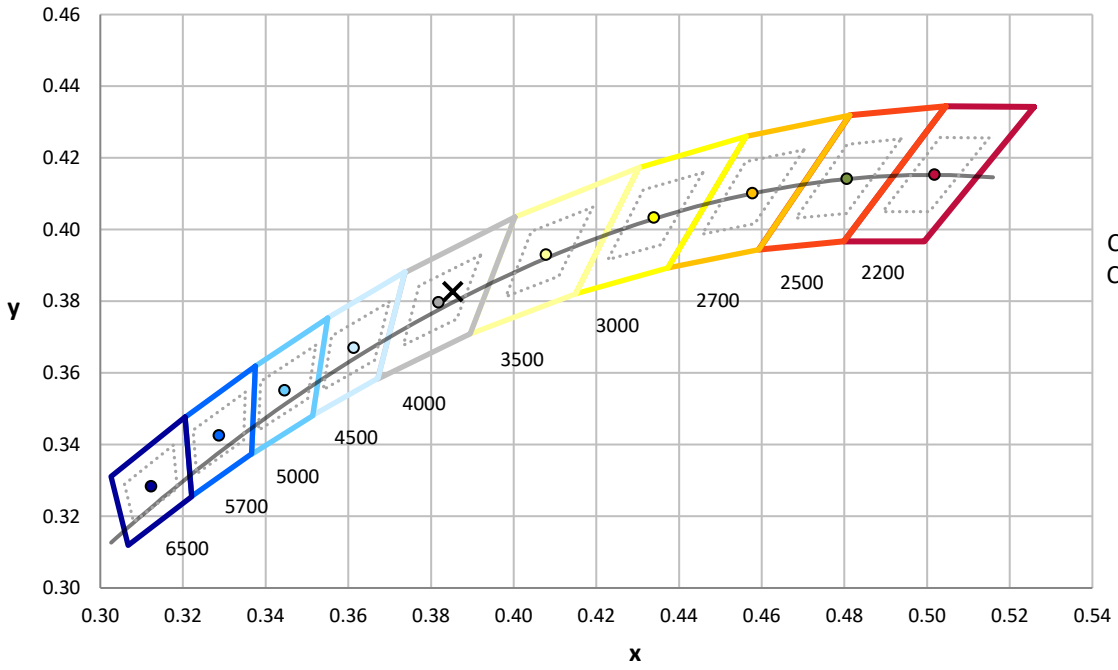
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

REPORT NUMBER: SP2-2501-321-1

CIE 1931 Chromaticity Diagram



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

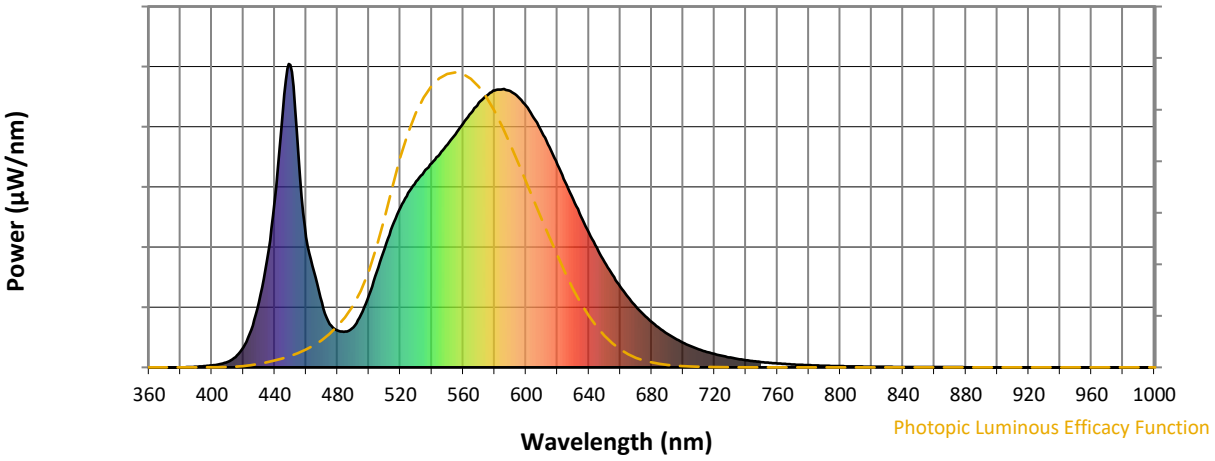


CCT = 3916K
CIE x = 0.3853
CIE y = 0.3827
Duv = 0.0014

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-1

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	132	NR	620	668	NR	750	17	NR	880	1	NR
365	0	NR	495	174	NR	625	611	NR	755	15	NR	885	0	NR
370	0	NR	500	238	NR	630	554	NR	760	13	NR	890	0	NR
375	0	NR	505	314	NR	635	498	NR	765	11	NR	895	0	NR
380	0	NR	510	392	NR	640	445	NR	770	10	NR	900	0	NR
385	1	NR	515	467	NR	645	394	NR	775	8	NR	905	0	NR
390	2	NR	520	526	NR	650	347	NR	780	7	NR	910	0	NR
395	4	NR	525	575	NR	655	305	NR	785	6	NR	915	0	NR
400	6	NR	530	613	NR	660	266	NR	790	5	NR	920	0	NR
405	10	NR	535	644	NR	665	231	NR	795	5	NR	925	0	NR
410	18	NR	540	673	NR	670	200	NR	800	4	NR	930	0	NR
415	34	NR	545	703	NR	675	174	NR	805	4	NR	935	0	NR
420	66	NR	550	734	NR	680	150	NR	810	3	NR	940	0	NR
425	124	NR	555	768	NR	685	129	NR	815	3	NR	945	0	NR
430	216	NR	560	804	NR	690	111	NR	820	2	NR	950	0	NR
435	352	NR	565	838	NR	695	95	NR	825	2	NR	955	0	NR
440	548	NR	570	872	NR	700	81	NR	830	2	NR	960	0	NR
445	836	NR	575	896	NR	705	69	NR	835	2	NR	965	0	NR
450	997	NR	580	913	NR	710	60	NR	840	1	NR	970	0	NR
455	705	NR	585	917	NR	715	51	NR	845	1	NR	975	0	NR
460	429	NR	590	911	NR	720	44	NR	850	1	NR	980	0	NR
465	316	NR	595	891	NR	725	38	NR	855	1	NR	985	0	NR
470	213	NR	600	862	NR	730	32	NR	860	1	NR	990	0	NR
475	143	NR	605	822	NR	735	28	NR	865	1	NR	995	0	NR
480	121	NR	610	776	NR	740	24	NR	870	1	NR	1000	0	NR
485	118	NR	615	725	NR	745	20	NR	875	1	NR			

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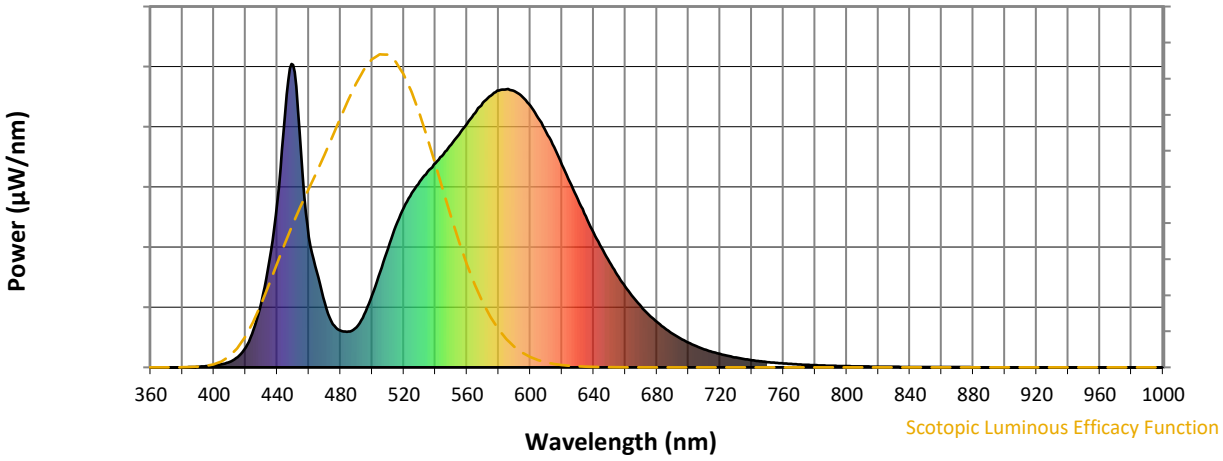
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.49**

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	132	NR	620	668	NR	750	17	NR	880	1	NR
365	0	NR	495	174	NR	625	611	NR	755	15	NR	885	0	NR
370	0	NR	500	238	NR	630	554	NR	760	13	NR	890	0	NR
375	0	NR	505	314	NR	635	498	NR	765	11	NR	895	0	NR
380	0	NR	510	392	NR	640	445	NR	770	10	NR	900	0	NR
385	1	NR	515	467	NR	645	394	NR	775	8	NR	905	0	NR
390	2	NR	520	526	NR	650	347	NR	780	7	NR	910	0	NR
395	4	NR	525	575	NR	655	305	NR	785	6	NR	915	0	NR
400	6	NR	530	613	NR	660	266	NR	790	5	NR	920	0	NR
405	10	NR	535	644	NR	665	231	NR	795	5	NR	925	0	NR
410	18	NR	540	673	NR	670	200	NR	800	4	NR	930	0	NR
415	34	NR	545	703	NR	675	174	NR	805	4	NR	935	0	NR
420	66	NR	550	734	NR	680	150	NR	810	3	NR	940	0	NR
425	124	NR	555	768	NR	685	129	NR	815	3	NR	945	0	NR
430	216	NR	560	804	NR	690	111	NR	820	2	NR	950	0	NR
435	352	NR	565	838	NR	695	95	NR	825	2	NR	955	0	NR
440	548	NR	570	872	NR	700	81	NR	830	2	NR	960	0	NR
445	836	NR	575	896	NR	705	69	NR	835	2	NR	965	0	NR
450	997	NR	580	913	NR	710	60	NR	840	1	NR	970	0	NR
455	705	NR	585	917	NR	715	51	NR	845	1	NR	975	0	NR
460	429	NR	590	911	NR	720	44	NR	850	1	NR	980	0	NR
465	316	NR	595	891	NR	725	38	NR	855	1	NR	985	0	NR
470	213	NR	600	862	NR	730	32	NR	860	1	NR	990	0	NR
475	143	NR	605	822	NR	735	28	NR	865	1	NR	995	0	NR
480	121	NR	610	776	NR	740	24	NR	870	1	NR	1000	0	NR
485	118	NR	615	725	NR	745	20	NR	875	1	NR			

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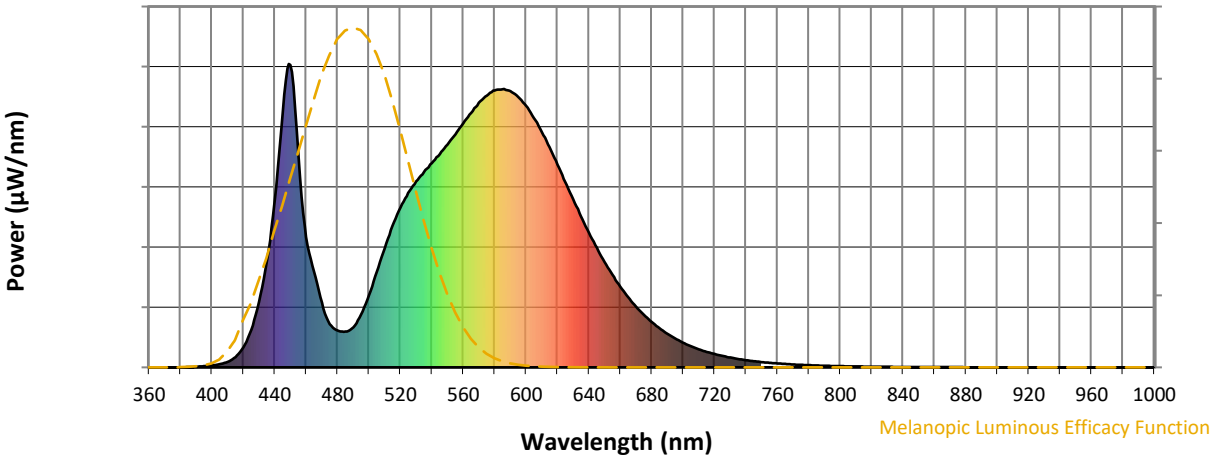
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.88**

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	132	NR	620	668	NR	750	17	NR	880	1	NR
365	0	NR	495	174	NR	625	611	NR	755	15	NR	885	0	NR
370	0	NR	500	238	NR	630	554	NR	760	13	NR	890	0	NR
375	0	NR	505	314	NR	635	498	NR	765	11	NR	895	0	NR
380	0	NR	510	392	NR	640	445	NR	770	10	NR	900	0	NR
385	1	NR	515	467	NR	645	394	NR	775	8	NR	905	0	NR
390	2	NR	520	526	NR	650	347	NR	780	7	NR	910	0	NR
395	4	NR	525	575	NR	655	305	NR	785	6	NR	915	0	NR
400	6	NR	530	613	NR	660	266	NR	790	5	NR	920	0	NR
405	10	NR	535	644	NR	665	231	NR	795	5	NR	925	0	NR
410	18	NR	540	673	NR	670	200	NR	800	4	NR	930	0	NR
415	34	NR	545	703	NR	675	174	NR	805	4	NR	935	0	NR
420	66	NR	550	734	NR	680	150	NR	810	3	NR	940	0	NR
425	124	NR	555	768	NR	685	129	NR	815	3	NR	945	0	NR
430	216	NR	560	804	NR	690	111	NR	820	2	NR	950	0	NR
435	352	NR	565	838	NR	695	95	NR	825	2	NR	955	0	NR
440	548	NR	570	872	NR	700	81	NR	830	2	NR	960	0	NR
445	836	NR	575	896	NR	705	69	NR	835	2	NR	965	0	NR
450	997	NR	580	913	NR	710	60	NR	840	1	NR	970	0	NR
455	705	NR	585	917	NR	715	51	NR	845	1	NR	975	0	NR
460	429	NR	590	911	NR	720	44	NR	850	1	NR	980	0	NR
465	316	NR	595	891	NR	725	38	NR	855	1	NR	985	0	NR
470	213	NR	600	862	NR	730	32	NR	860	1	NR	990	0	NR
475	143	NR	605	822	NR	735	28	NR	865	1	NR	995	0	NR
480	121	NR	610	776	NR	740	24	NR	870	1	NR	1000	0	NR
485	118	NR	615	725	NR	745	20	NR	875	1	NR			

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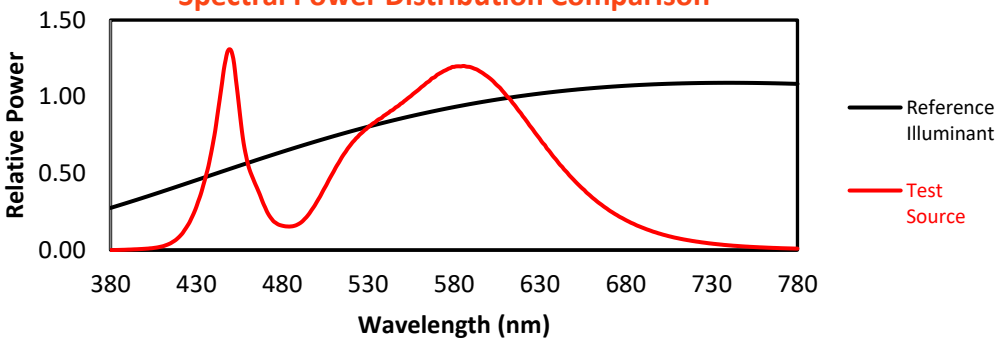
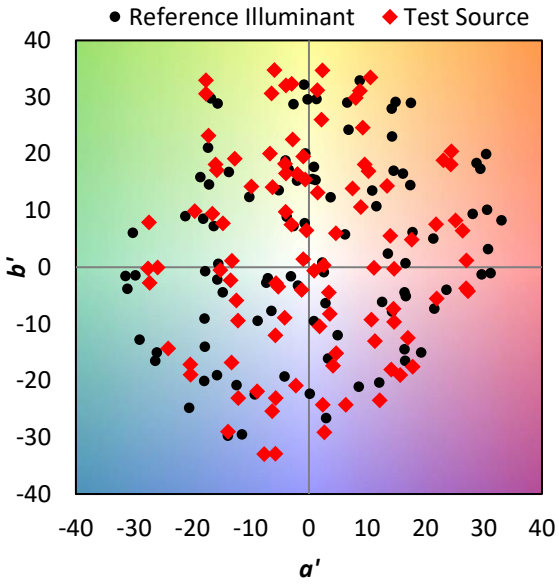
Summary

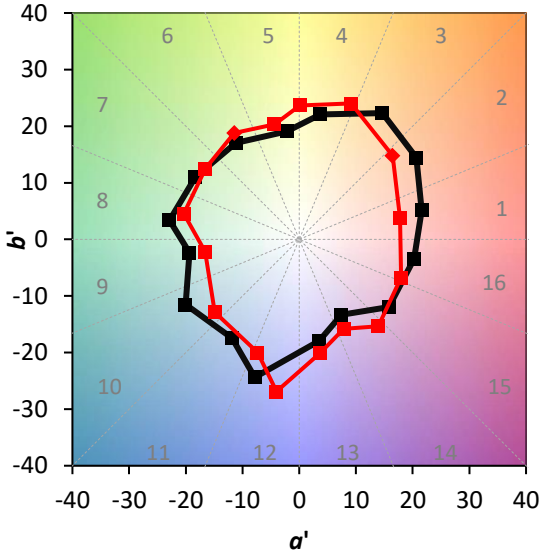
R_f = 73.5
R_g = 93.5
CIE R_a = 71.0
R_9 = -37.9

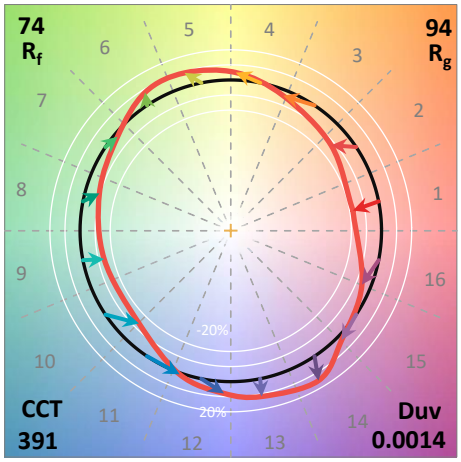
Spectral Power Distribution Comparison

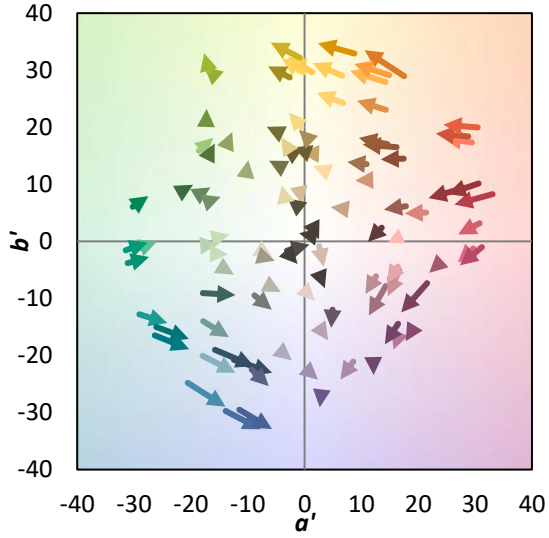


Color Vector Graphics









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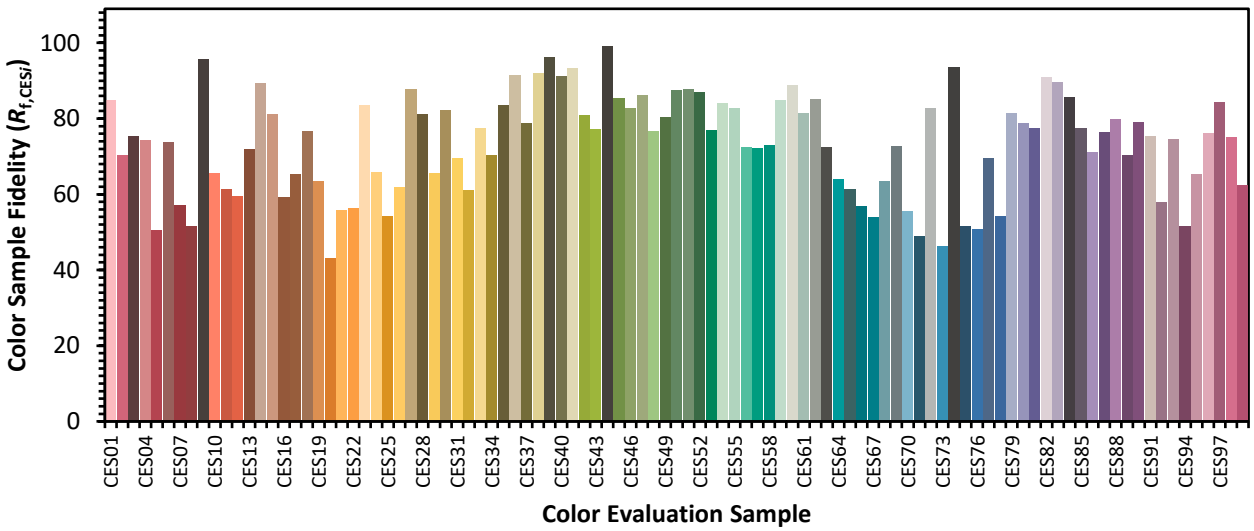
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 62	CES51 = 88	CES76 = 51
CES02 = 61	CES27 = 88	CES52 = 87	CES77 = 70
CES03 = 30	CES28 = 81	CES53 = 77	CES78 = 54
CES04 = 70	CES29 = 66	CES54 = 84	CES79 = 81
CES05 = 47	CES30 = 82	CES55 = 83	CES80 = 79
CES06 = 50	CES31 = 69	CES56 = 73	CES81 = 77
CES07 = 40	CES32 = 61	CES57 = 72	CES82 = 91
CES08 = 39	CES33 = 77	CES58 = 73	CES83 = 90
CES09 = 29	CES34 = 70	CES59 = 85	CES84 = 86
CES10 = 74	CES35 = 84	CES60 = 89	CES85 = 77
CES11 = 57	CES36 = 91	CES61 = 81	CES86 = 71
CES12 = 63	CES37 = 79	CES62 = 85	CES87 = 76
CES13 = 42	CES38 = 92	CES63 = 72	CES88 = 80
CES14 = 74	CES39 = 96	CES64 = 64	CES89 = 70
CES15 = 71	CES40 = 91	CES65 = 61	CES90 = 79
CES16 = 46	CES41 = 93	CES66 = 57	CES91 = 75
CES17 = 49	CES42 = 81	CES67 = 54	CES92 = 58
CES18 = 56	CES43 = 77	CES68 = 63	CES93 = 75
CES19 = 72	CES44 = 99	CES69 = 73	CES94 = 52
CES20 = 65	CES45 = 85	CES70 = 56	CES95 = 65
CES21 = 86	CES46 = 83	CES71 = 49	CES96 = 76
CES22 = 78	CES47 = 86	CES72 = 83	CES97 = 84
CES23 = 92	CES48 = 77	CES73 = 46	CES98 = 75
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 62
CES25 = 72	CES50 = 87	CES75 = 52	



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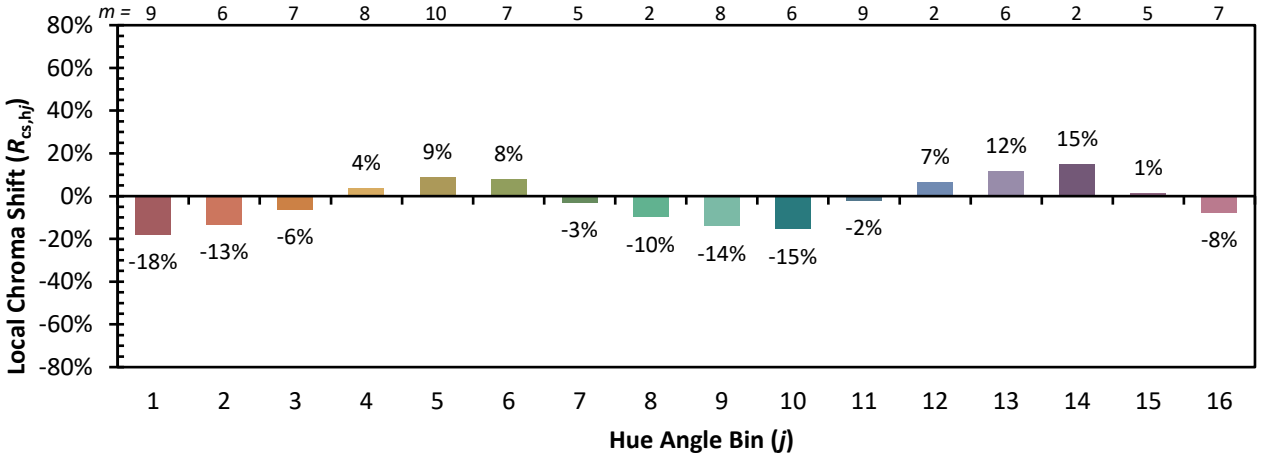
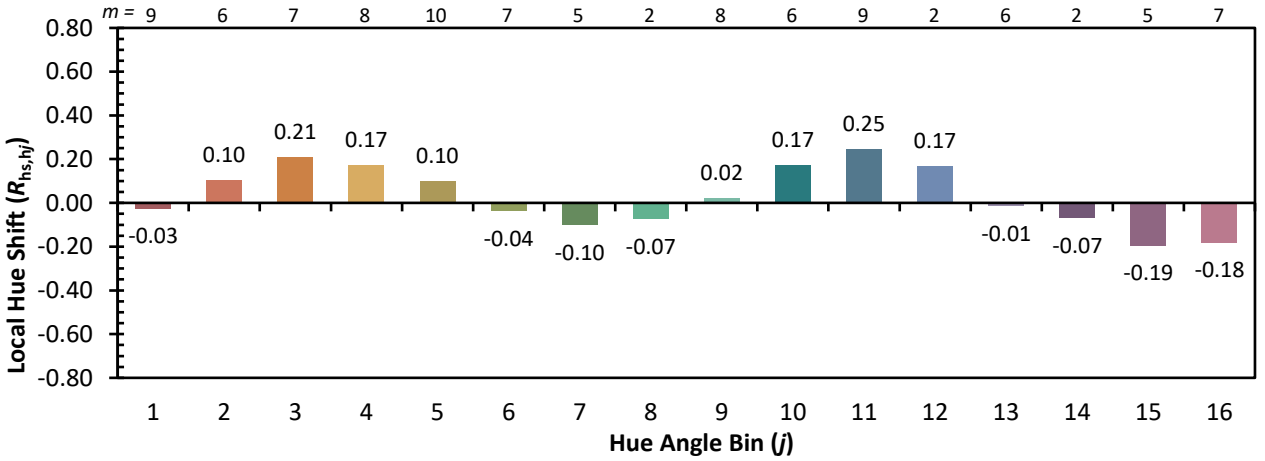
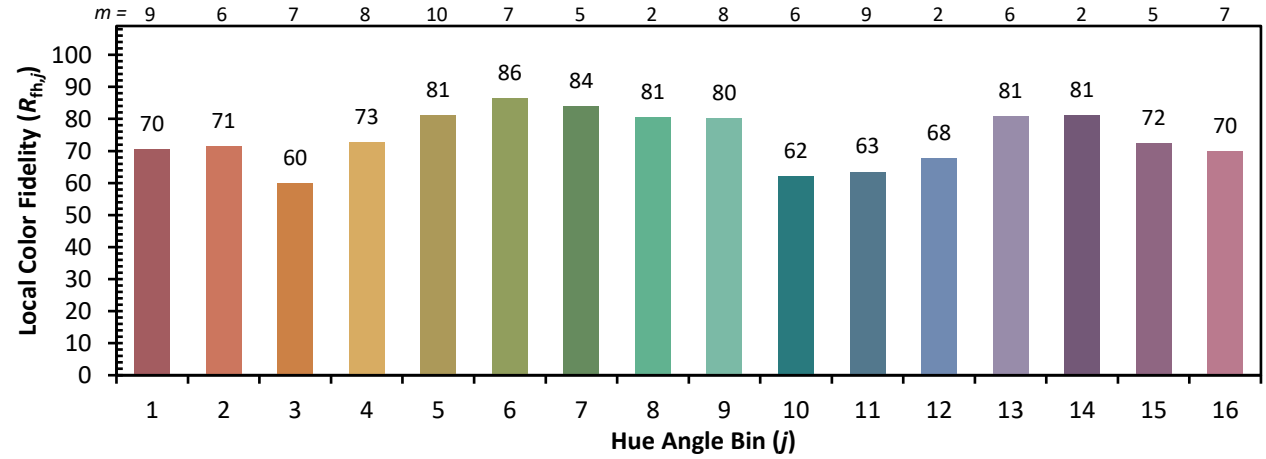
Color Rendition by Hue-Angle Bin







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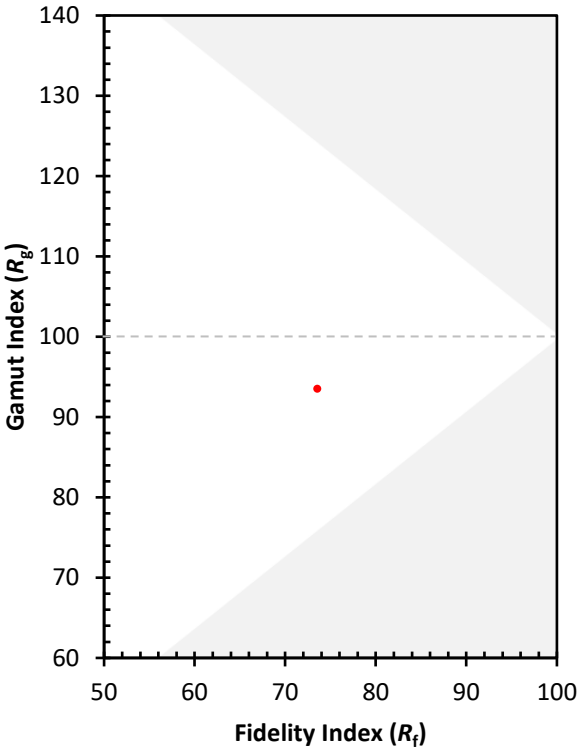
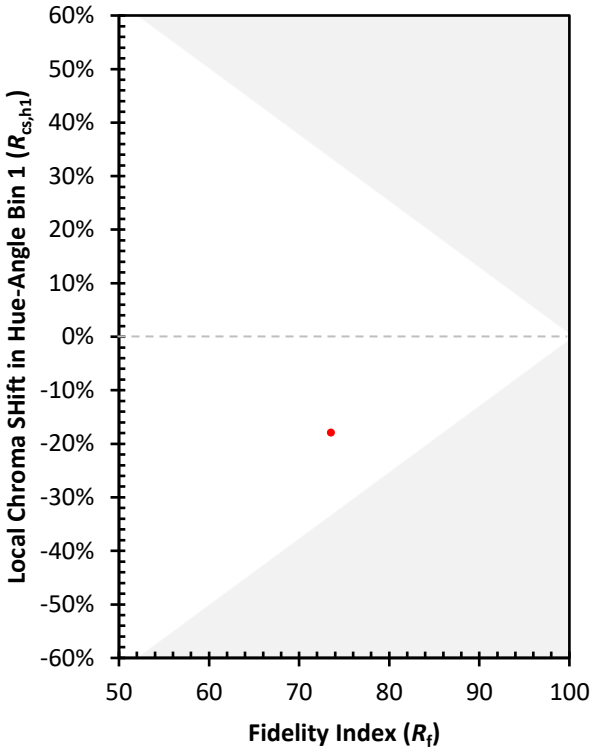
Measure Comparisons





(END OF REPORT)