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: P972201

Luminaire Tested: **GKO-PB2A-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:	P972201
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/27/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB2A-722-U-T4W
Description:	GEKKO WALL PACK 4000LM 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:	3368.1 lumens
Efficiency:	N/A
Efficacy:	127.1 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

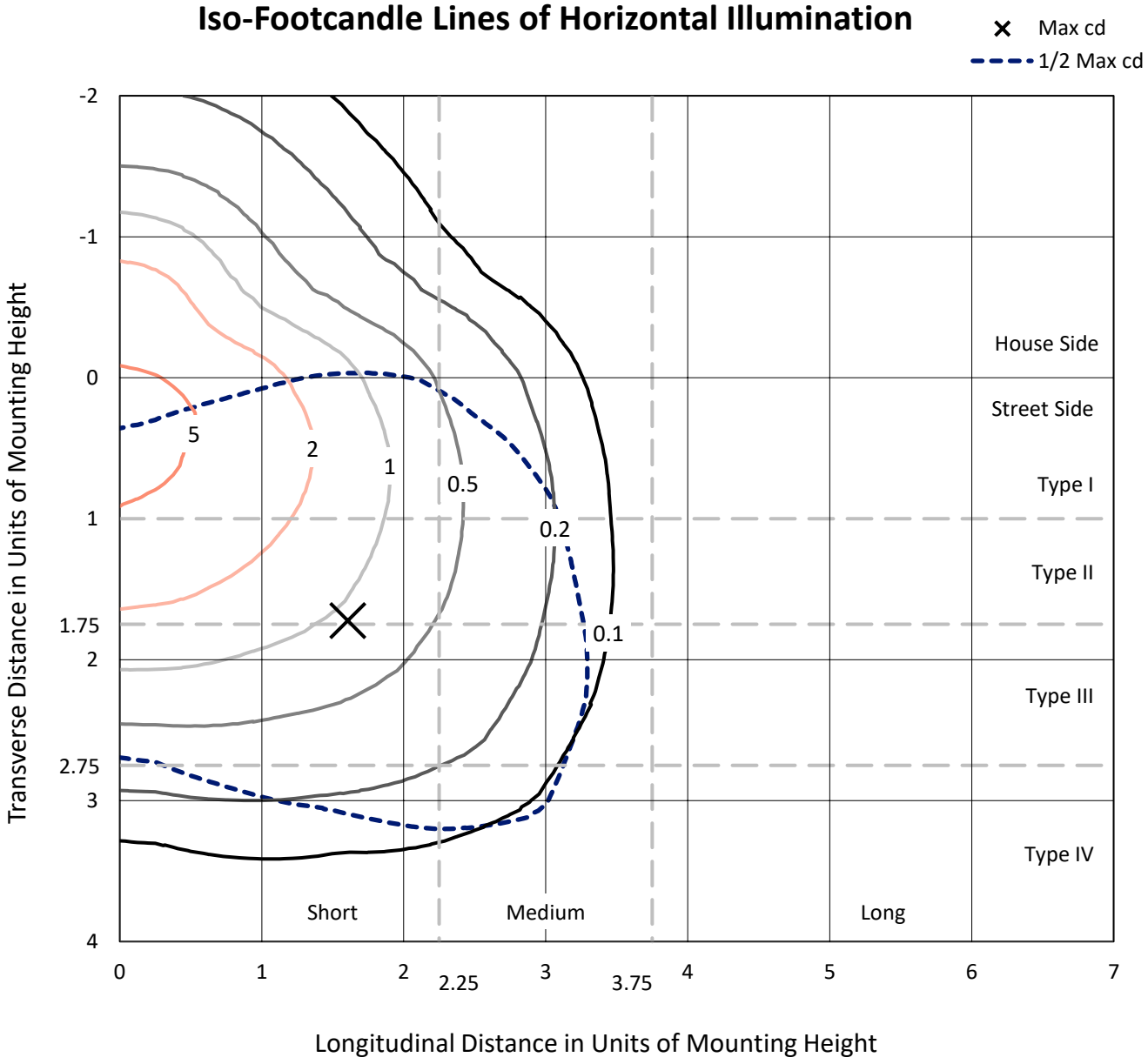
Input Watts (W):	26.5
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	12%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P972201
CATALOG NUMBER: GKO-PB2A-722-U-T4W

Iso-Footcandle Lines of Horizontal Illumination



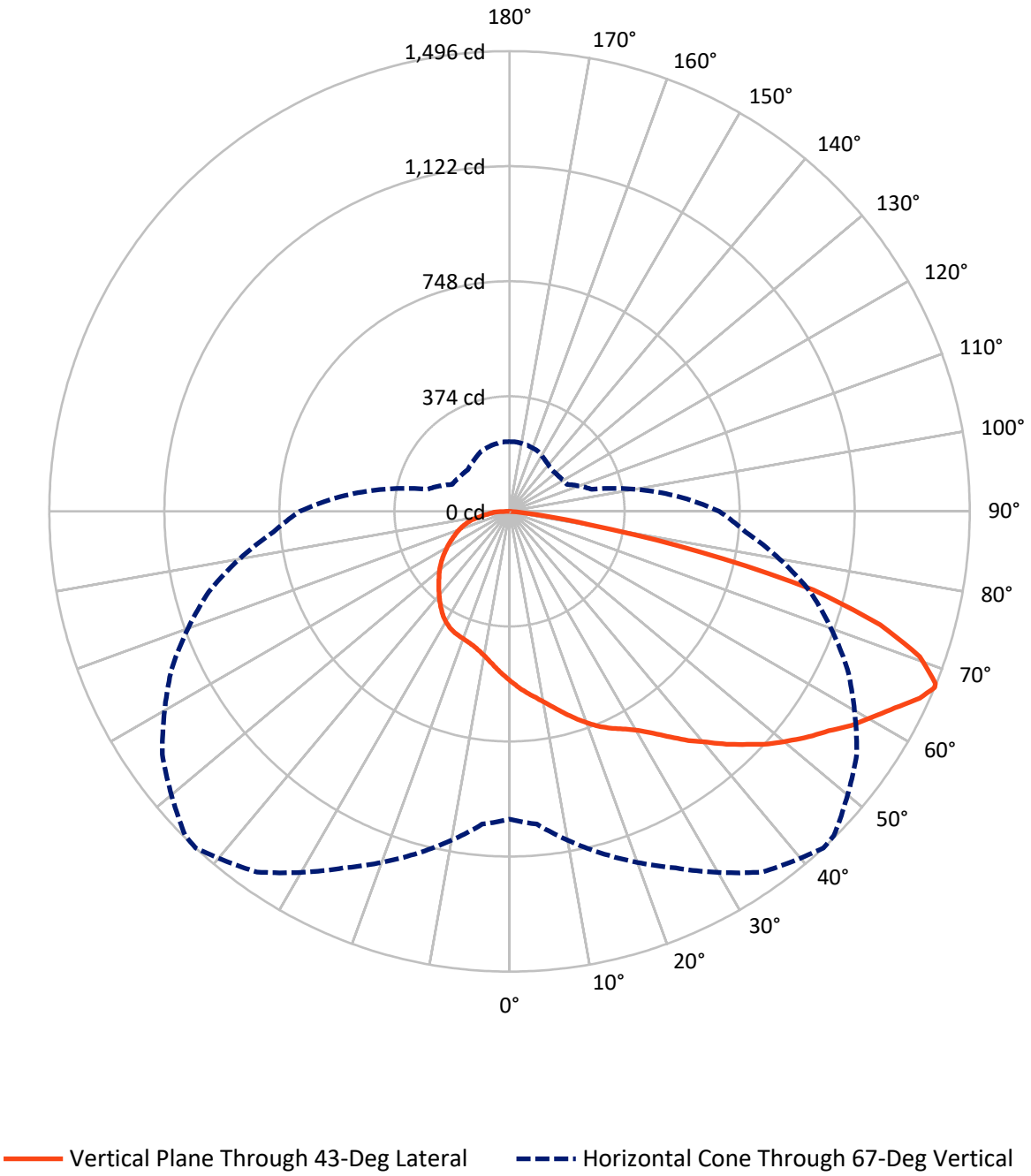
Based on 10 foot mounting height. Maximum calculated value = 6.4 fc
Type IV - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P972201
CATALOG NUMBER: GKO-PB2A-722-U-T4W

Luminous Intensity Polar Plot



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

Scaled Data Report

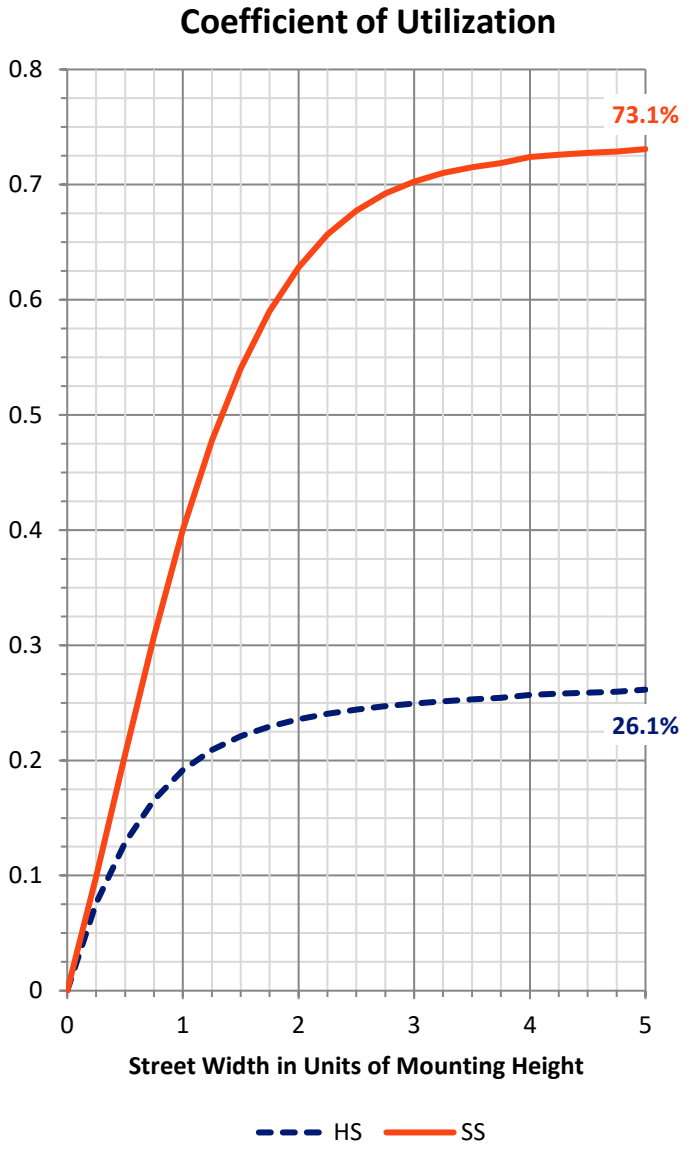
REPORT NUMBER: P972201
CATALOG NUMBER: GKO-PB2A-722-U-T4W

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	905.9	0.0	905.9
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	2462.2	0.0	2462.2
	% Fixture	73.1	0.0	73.1
Total	Lumens	3368.1	0.0	3368.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.8	1.6
10°-20°	162.4	4.8
20°-30°	281.2	8.3
30°-40°	417.3	12.4
40°-50°	566.9	16.8
50°-60°	695.9	20.7
60°-70°	733.4	21.8
70°-80°	404.8	12.0
80°-90°	53.3	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°	3368.1	100.0
0°-180°	3368.1	100.0



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

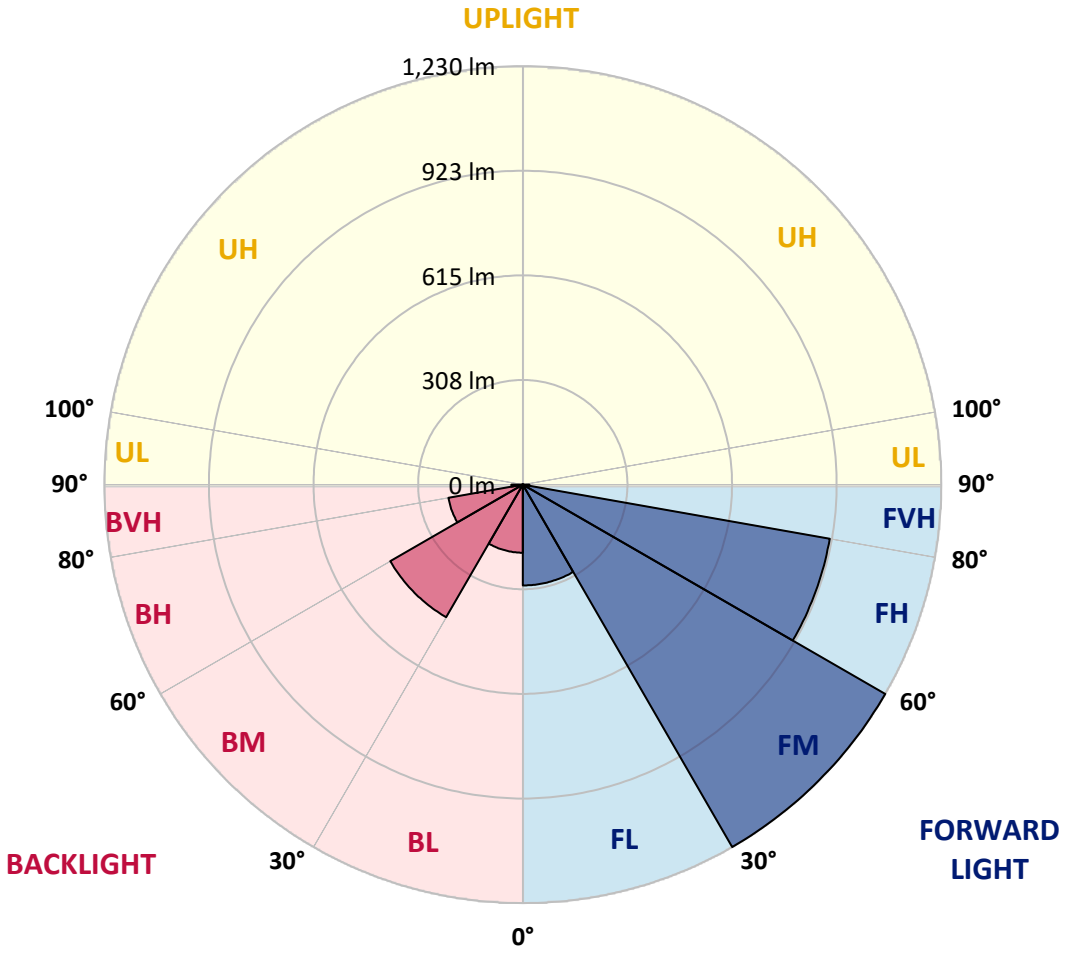
Scaled Data Report

REPORT NUMBER: P972201
CATALOG NUMBER: GKO-PB2A-722-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	296.3	8.8			
FM	(30°-60°)	1230.1	36.5			
FH	(60°-80°)	916.3	27.2			G1/1800
FVH	(80°-90°)	19.5	0.6			G1/100
BL	(0°-30°)	200.1	5.9	B1/500		
BM	(30°-60°)	449.9	13.4	B1/1000		
BH	(60°-80°)	222.0	6.6	B1/500		G1/500
BVH	(80°-90°)	33.8	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



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

Scaled Data Report

REPORT NUMBER: P972201
CATALOG NUMBER: GKO-PB2A-722-U-T4W

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	552.8	552.8	552.8	552.8	552.8	*552.8*	552.8	552.8	552.8	552.8	552.8
2.5°	578.4	579.8	578.4	577.1	574.4	*573.0*	571.7	568.3	564.3	558.2	553.5
5°	604.1	604.1	602.0	600.7	596.6	*592.6*	590.6	582.5	573.7	563.6	554.2
7.5°	627.6	630.3	627.0	623.6	617.5	*610.8*	609.4	597.3	585.2	571.7	557.5
10°	657.3	659.3	654.6	651.9	640.5	*631.7*	629.0	614.2	598.0	581.1	562.9
12.5°	687.7	689.0	685.6	679.6	667.4	*656.6*	652.6	633.0	612.1	591.9	569.0
15°	713.9	715.3	713.9	707.2	695.7	*682.3*	676.9	655.3	629.7	603.4	576.4
17.5°	733.5	736.2	736.2	732.8	722.7	*709.9*	706.5	679.6	649.9	616.9	585.2
20°	750.3	751.7	754.4	752.4	747.0	*736.2*	731.5	705.9	670.1	632.4	593.9
22.5°	763.8	765.2	769.9	769.2	765.9	*760.5*	755.7	732.1	693.7	647.9	602.0
25°	787.4	786.8	789.4	787.4	783.4	*781.4*	778.7	757.8	717.3	666.1	612.8
27.5°	828.6	827.2	824.5	814.4	804.3	*801.6*	799.6	784.7	745.0	687.0	625.0
30°	889.2	890.6	877.8	854.8	834.6	*826.5*	823.8	813.7	776.0	711.2	638.4
32.5°	961.4	960.7	939.8	907.4	875.7	*859.6*	854.2	843.4	807.0	735.5	653.9
35°	1013.3	1011.9	1001.1	972.1	939.1	*900.7*	890.6	873.7	840.0	763.2	669.4
37.5°	1083.4	1081.4	1060.5	1030.1	1000.5	*945.2*	933.7	910.8	871.7	790.1	687.0
40°	1163.6	1150.8	1116.4	1085.4	1045.0	*986.3*	976.9	947.2	908.1	823.2	707.2
42.5°	1236.4	1217.5	1173.1	1133.9	1083.4	*1034.8*	1022.7	987.7	943.2	853.5	728.1
45°	1345.6	1299.8	1235.7	1212.8	1125.2	*1080.7*	1070.6	1027.4	981.6	886.5	749.0
47.5°	1332.2	1299.8	1278.9	1276.2	1169.0	*1130.6*	1115.7	1071.3	1022.7	921.6	770.6
50°	1358.4	1332.8	1334.2	1301.1	1208.8	*1173.1*	1162.3	1117.1	1064.5	956.0	793.5
52.5°	1353.1	1360.5	1356.4	1305.2	1247.2	*1217.5*	1209.5	1164.3	1104.3	989.0	813.7
55°	1396.2	1392.2	1383.4	1332.8	1289.7	*1259.3*	1252.6	1213.5	1144.7	1017.3	831.2
57.5°	1427.9	1407.0	1406.3	1363.8	1336.9	*1311.9*	1301.1	1264.1	1182.5	1042.3	844.7
60°	1408.3	1383.4	1401.6	1368.6	1365.9	*1356.4*	1350.4	1308.6	1216.2	1061.1	850.1
62.5°	1303.8	1309.9	1363.8	1361.8	1397.5	*1406.3*	1399.6	1339.6	1238.4	1067.9	846.1
65°	1165.6	1183.8	1266.8	1337.5	1434.6	*1465.0*	1458.2	1361.8	1236.4	1052.4	819.1
67°	*1001.1*	*1020.7*	*1150.1*	*1278.9*	*1431.3*	*1496.0*	*1491.3*	*1378.0*	*1212.2*	*1012.6*	*770.6*
67.5°	964.7	987.0	1116.4	1251.9	1419.1	*1493.3*	1489.9	1379.3	1204.1	993.7	751.7
70°	709.9	736.2	918.9	1100.2	1322.0	*1415.1*	1414.4	1328.8	1120.5	891.2	651.9
72.5°	442.3	465.8	655.3	858.2	1145.4	*1260.0*	1255.3	1157.5	964.7	727.4	514.4
75°	271.0	285.8	412.6	559.6	830.6	*1020.0*	1026.8	904.7	658.0	432.1	290.6
77.5°	165.8	182.0	260.2	345.2	507.6	*634.4*	635.7	501.6	337.8	235.3	159.1
80°	92.4	96.4	135.5	180.7	260.2	*261.6*	250.8	221.1	175.3	113.3	81.6
82.5°	36.4	39.1	58.7	72.8	74.2	*77.5*	72.1	65.4	55.3	36.4	25.6
85°	0.0	0.0	0.0	1.3	4.7	*9.4*	9.4	6.7	2.7	2.0	2.0
87.5°	0.0	0.0	0.0	0.7	0.7	*0.7*	0.7	0.7	0.7	0.7	0.7
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
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P972201
CATALOG NUMBER: GKO-PB2A-722-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	552.8	552.8	552.8	552.8	552.8	552.8	552.8	552.8	552.8	552.8	552.8
2.5°	552.1	551.5	546.7	541.4	537.3	533.9	530.6	526.5	526.5	527.9	527.2
5°	550.8	547.4	538.7	529.2	521.8	515.1	509.0	503.6	502.9	503.6	504.3
7.5°	551.5	545.4	531.9	517.8	505.6	496.9	488.1	484.1	483.4	483.4	483.4
10°	554.2	545.4	527.2	507.6	492.8	480.0	470.6	466.5	467.2	467.9	468.5
12.5°	558.9	546.7	523.8	498.9	480.0	467.2	457.8	454.4	457.1	460.5	461.1
15°	563.6	549.4	520.5	491.5	469.9	455.7	449.0	448.3	453.0	459.1	460.5
17.5°	569.0	551.5	516.4	482.0	459.1	447.6	444.3	446.3	453.7	463.2	465.2
20°	574.4	554.2	511.7	473.3	449.0	440.9	442.9	449.0	458.4	469.9	471.9
22.5°	579.8	556.2	505.6	462.5	438.2	435.5	442.9	453.0	462.5	475.3	478.0
25°	585.9	558.9	498.2	449.0	427.4	429.4	442.3	454.4	464.5	478.0	481.4
27.5°	595.3	562.9	490.8	436.9	415.3	422.0	438.9	453.7	464.5	477.3	481.4
30°	604.7	567.0	484.7	424.1	403.2	411.9	432.1	450.3	461.1	472.6	478.0
32.5°	615.5	572.4	479.3	411.2	389.7	400.5	422.7	442.9	455.7	465.8	471.2
35°	627.0	580.5	475.3	399.8	376.2	385.6	408.5	433.5	446.3	455.7	460.5
37.5°	641.8	589.2	472.6	388.3	362.0	370.1	393.7	420.0	434.8	442.3	448.3
40°	658.0	602.0	472.6	378.9	348.5	353.9	378.2	406.5	421.4	427.4	433.5
42.5°	674.2	614.8	471.9	369.4	334.4	338.4	362.7	391.7	405.8	410.6	415.3
45°	693.0	629.7	471.2	358.7	318.9	322.9	347.9	376.9	390.3	394.4	398.4
47.5°	713.3	644.5	468.5	345.2	304.7	308.1	333.0	360.0	373.5	378.2	382.3
50°	731.5	658.7	461.8	329.7	291.9	295.3	317.5	339.8	351.9	357.3	361.4
52.5°	747.7	668.8	451.0	312.1	277.8	281.8	298.7	318.2	327.6	331.7	334.4
55°	760.5	674.2	433.5	295.3	264.3	266.3	279.8	297.3	304.7	305.4	307.4
57.5°	769.2	673.5	409.9	275.7	250.8	251.5	260.9	276.4	281.8	281.1	282.5
60°	771.2	664.7	381.6	257.5	237.3	235.3	244.7	255.5	258.9	261.6	264.9
62.5°	763.2	643.8	349.2	239.3	223.8	220.5	227.2	236.6	242.0	243.4	244.7
65°	733.5	605.4	310.1	220.5	210.3	204.3	211.7	225.2	233.9	236.6	236.0
67°	*681.6*	*551.5*	*276.4*	*206.3*	*196.9*	*191.5*	*202.3*	*216.4*	*222.5*	*226.5*	*226.5*
67.5°	664.7	531.9	264.9	201.6	193.5	188.8	198.9	212.4	220.5	225.2	225.2
70°	564.3	436.2	223.8	178.0	173.9	174.6	186.7	201.6	211.7	216.4	216.4
72.5°	430.1	337.8	182.0	155.1	153.7	158.4	173.9	187.4	200.2	208.3	207.6
75°	244.0	194.8	132.8	126.7	132.1	141.6	161.1	176.0	187.4	195.5	194.8
77.5°	142.2	117.3	91.7	87.0	102.5	124.0	144.3	163.1	171.2	173.9	171.9
80°	72.1	61.3	57.3	59.3	68.8	92.4	126.1	148.3	154.4	156.4	154.4
82.5°	22.9	20.9	22.9	30.3	45.8	72.8	101.8	134.2	141.6	141.6	140.9
85°	1.3	1.3	1.3	13.5	31.7	53.9	79.6	117.3	132.8	131.5	129.4
87.5°	0.7	0.7	0.7	8.8	24.9	45.2	70.1	106.5	126.7	117.3	110.6
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
1121 Highway 74 South
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

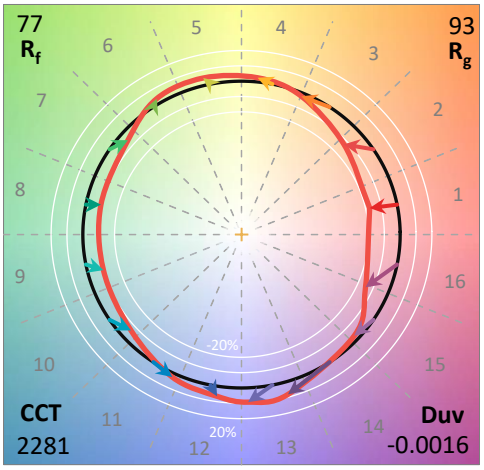
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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

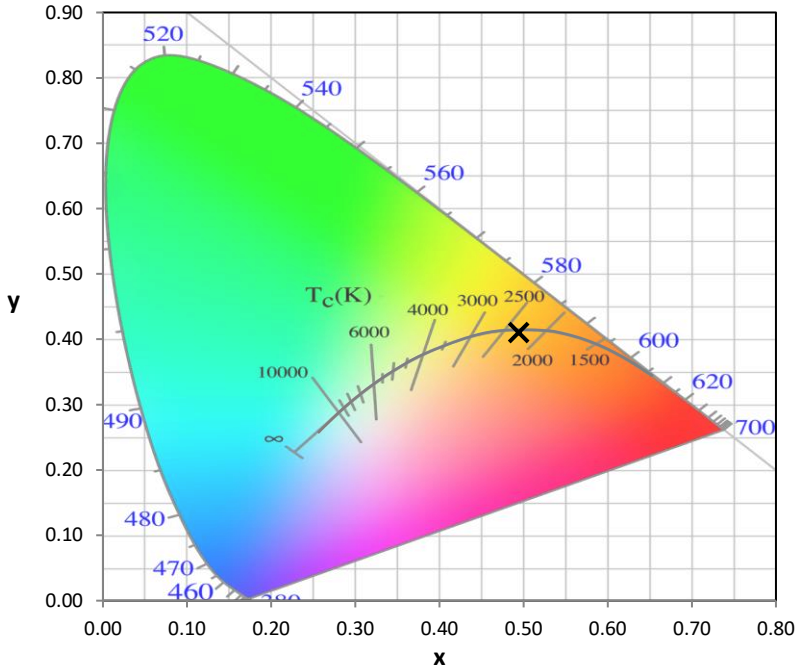
Stabilization Time:	40M
Operation Time:	1H 40M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP2-2501-321-2

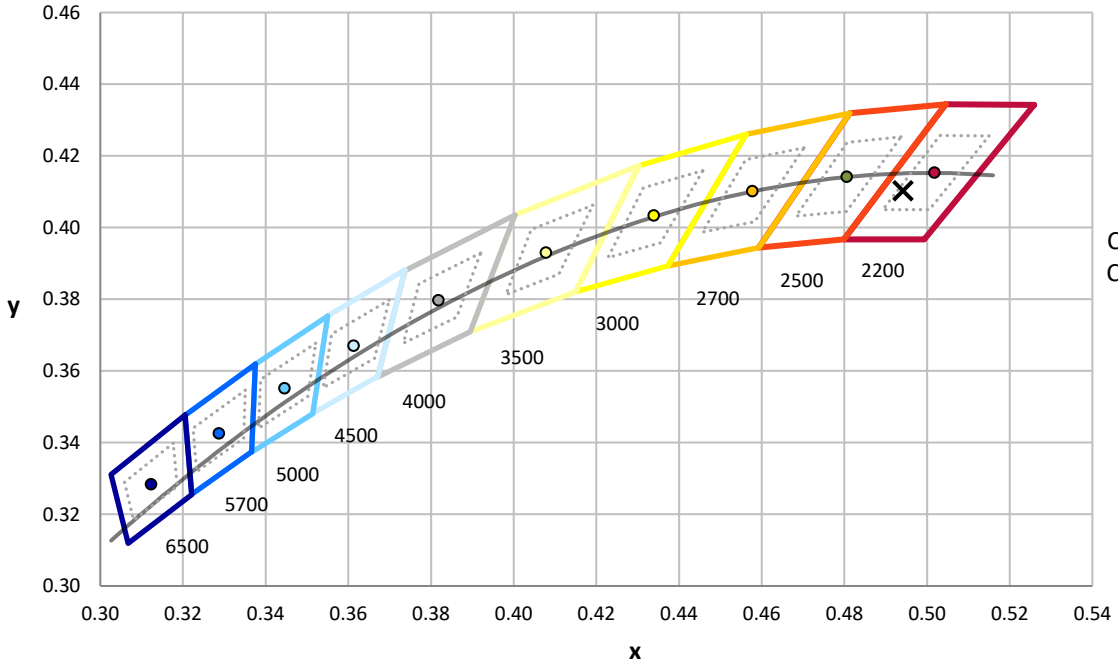
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

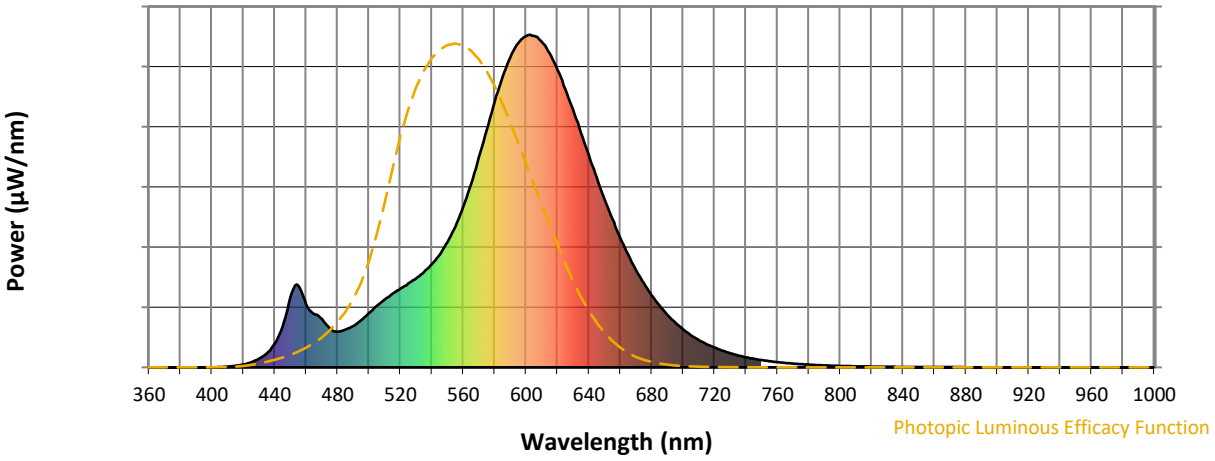


CCT = 2281K
CIE x = 0.4942
CIE y = 0.4102
Duv = -0.0016

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-2

Photopic Flux vs. Wavelength

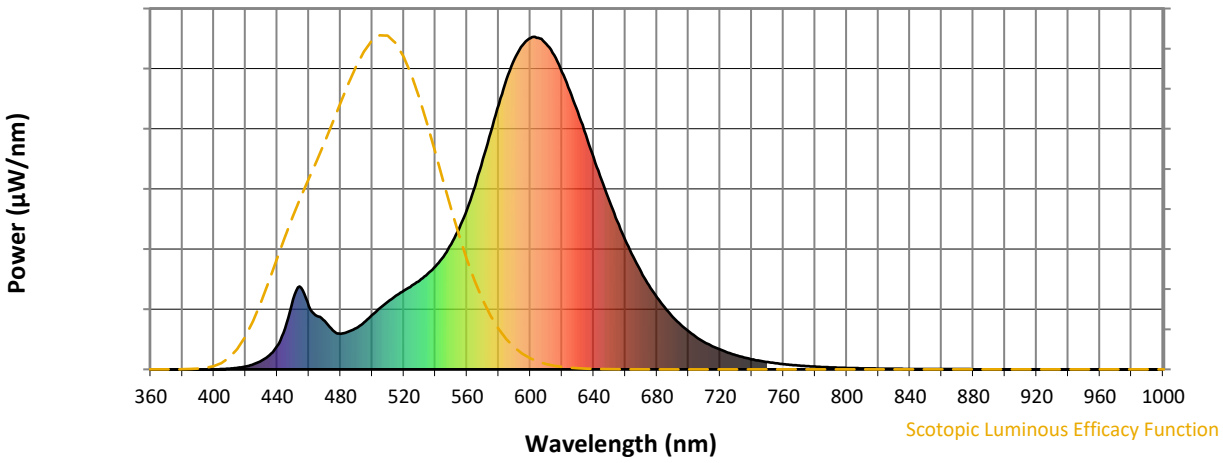


Photopic Lumens: NR

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

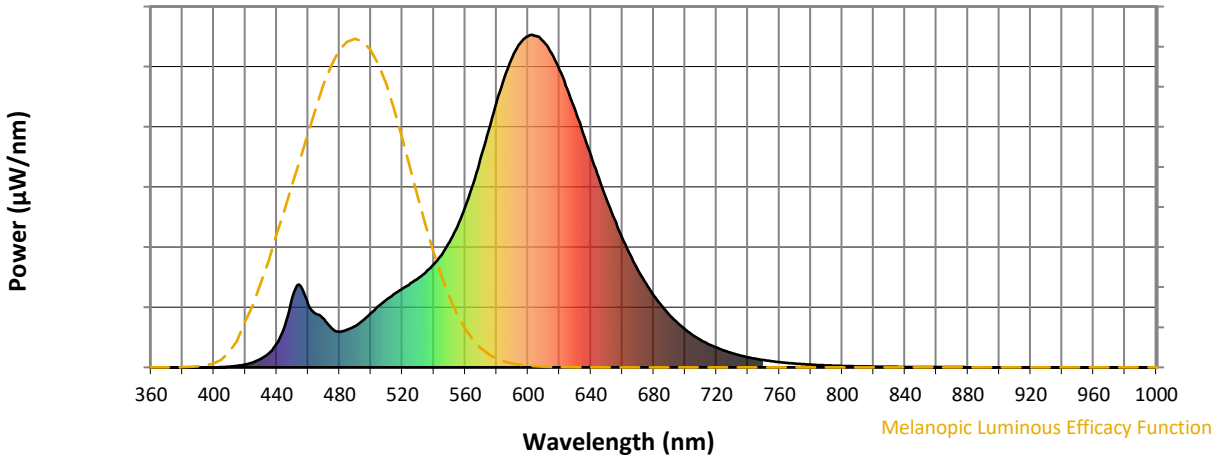


Scotopic Lumens: NR **S/P: 0.98**

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			

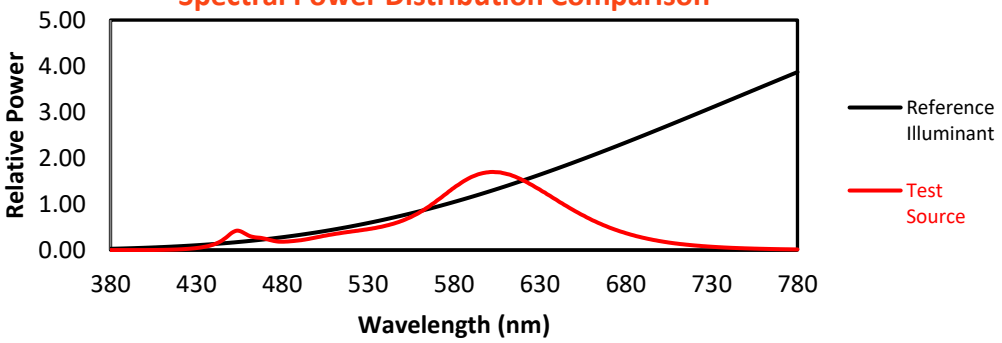
REPORT NUMBER: SP2-2501-321-2

TM-30-18

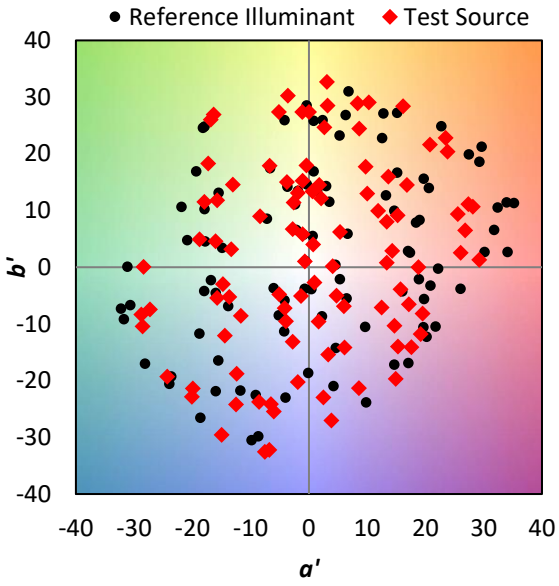
Summary

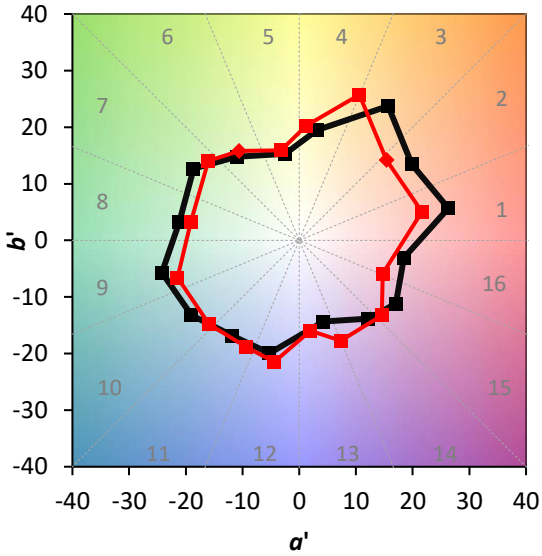
R_f = 76.9
R_g = 92.6
CIE R_a = 70.6
R_9 = -35.1

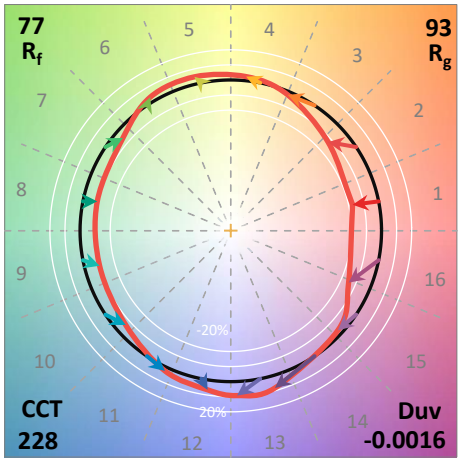
Spectral Power Distribution Comparison

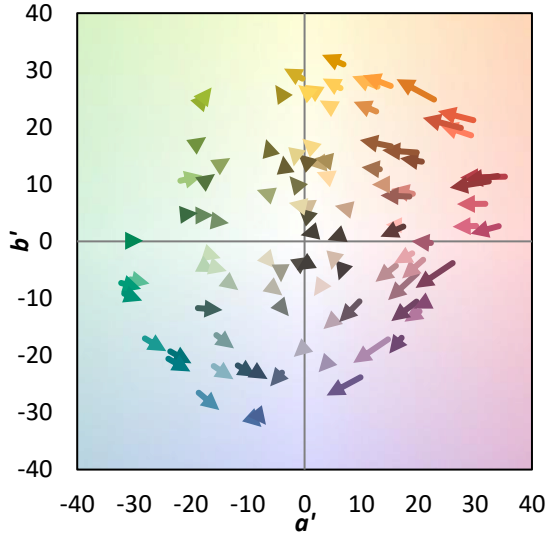


Color Vector Graphics







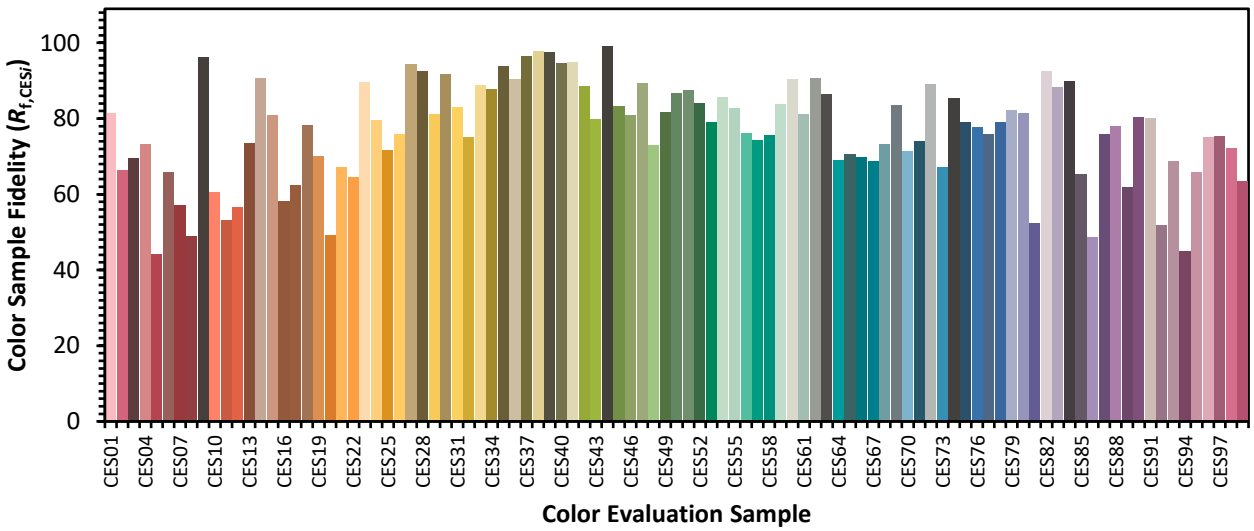


REPORT NUMBER: SP2-2501-321-2

TM-30-18

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

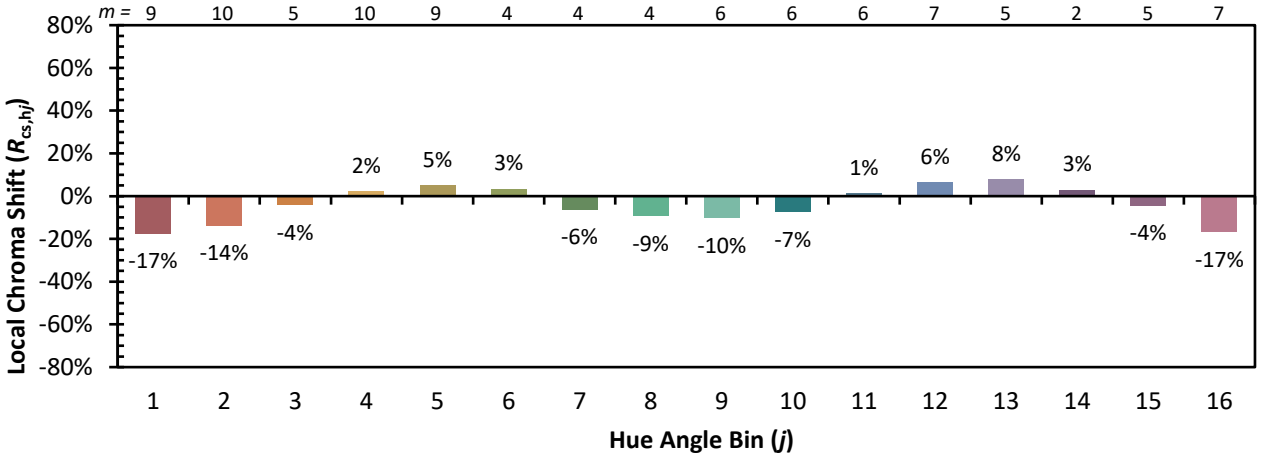
CES01 = 87	CES26 = 76	CES51 = 88	CES76 = 78
CES02 = 65	CES27 = 94	CES52 = 84	CES77 = 76
CES03 = 32	CES28 = 93	CES53 = 79	CES78 = 79
CES04 = 72	CES29 = 81	CES54 = 86	CES79 = 82
CES05 = 51	CES30 = 92	CES55 = 83	CES80 = 81
CES06 = 52	CES31 = 83	CES56 = 76	CES81 = 52
CES07 = 44	CES32 = 75	CES57 = 74	CES82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

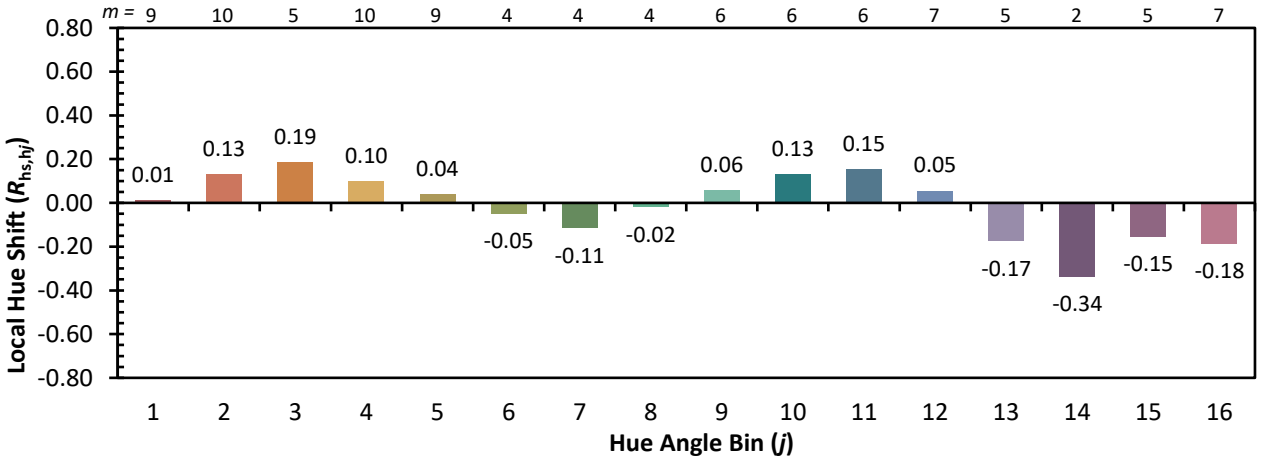


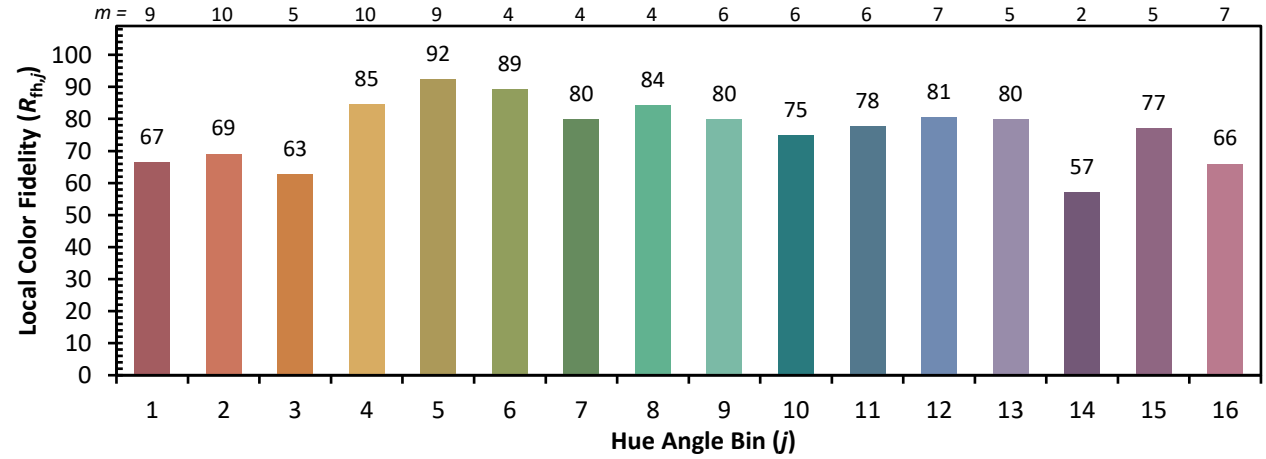
REPORT NUMBER: SP2-2501-321-2

TM-30-18

Color Rendition by Hue-Angle Bin



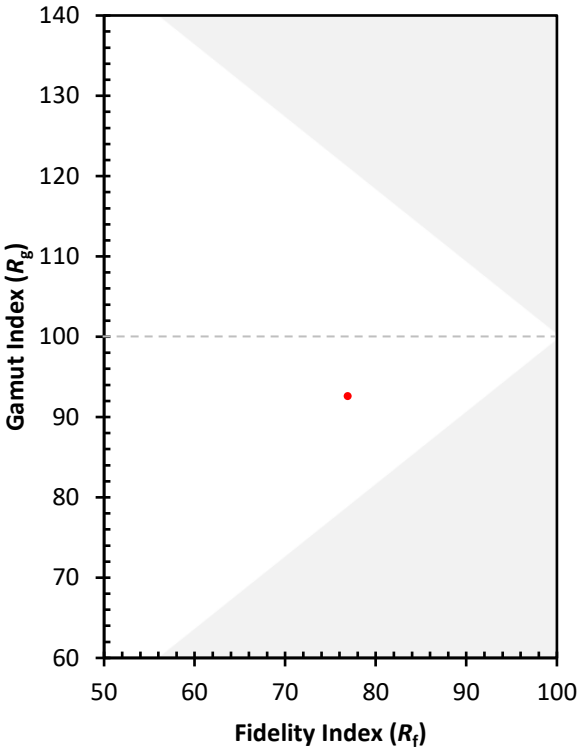


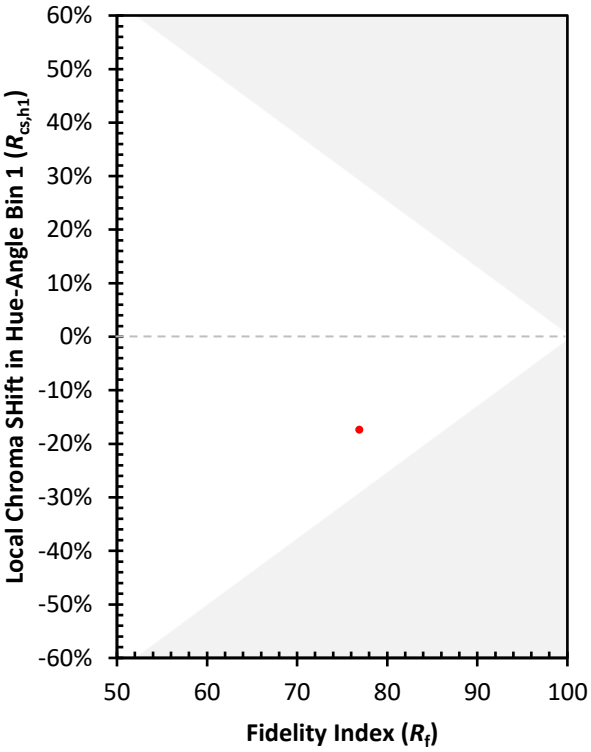


REPORT NUMBER: SP2-2501-321-2

TM-30-18

Measure Comparisons





(END OF REPORT)