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: P972323

Luminaire Tested: **GKO-PB1D-740-U-T2R**

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:	P972323
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/27/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB1D-740-U-T2R
Description:	GEKKO WALL PACK 3500LM PACKAGE 70CRI 4000K FIXTURE w/ TYPE II ROADWAY DISTRIBUTION OPTIC
Light Source:	(10) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3694.6 lumens
Efficiency:	N/A
Efficacy:	144.3 lumens/watt
Luminous Opening:	Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G1

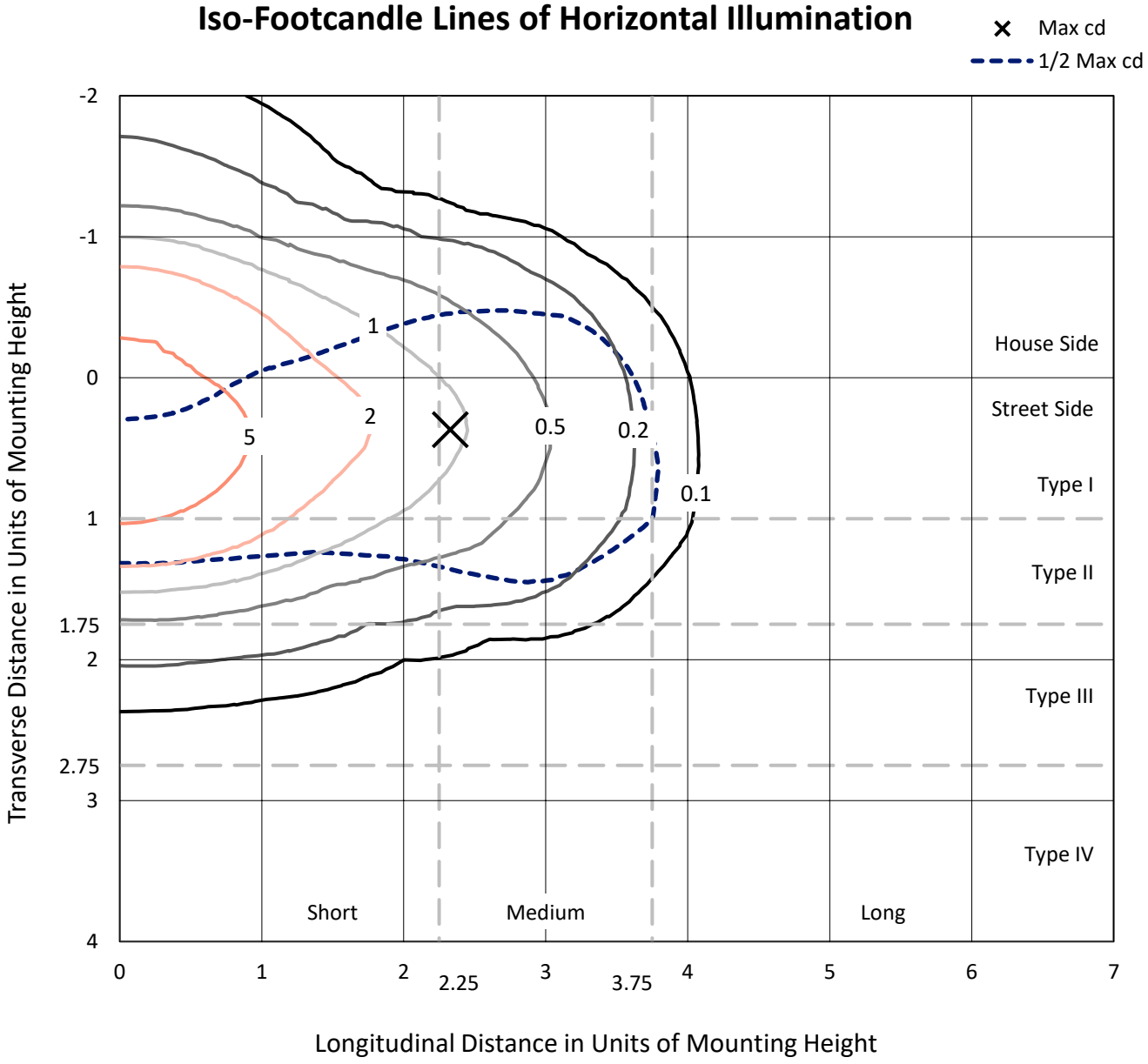
Input Watts (W):	25.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P972323
CATALOG NUMBER: GKO-PB1D-740-U-T2R

Iso-Footcandle Lines of Horizontal Illumination



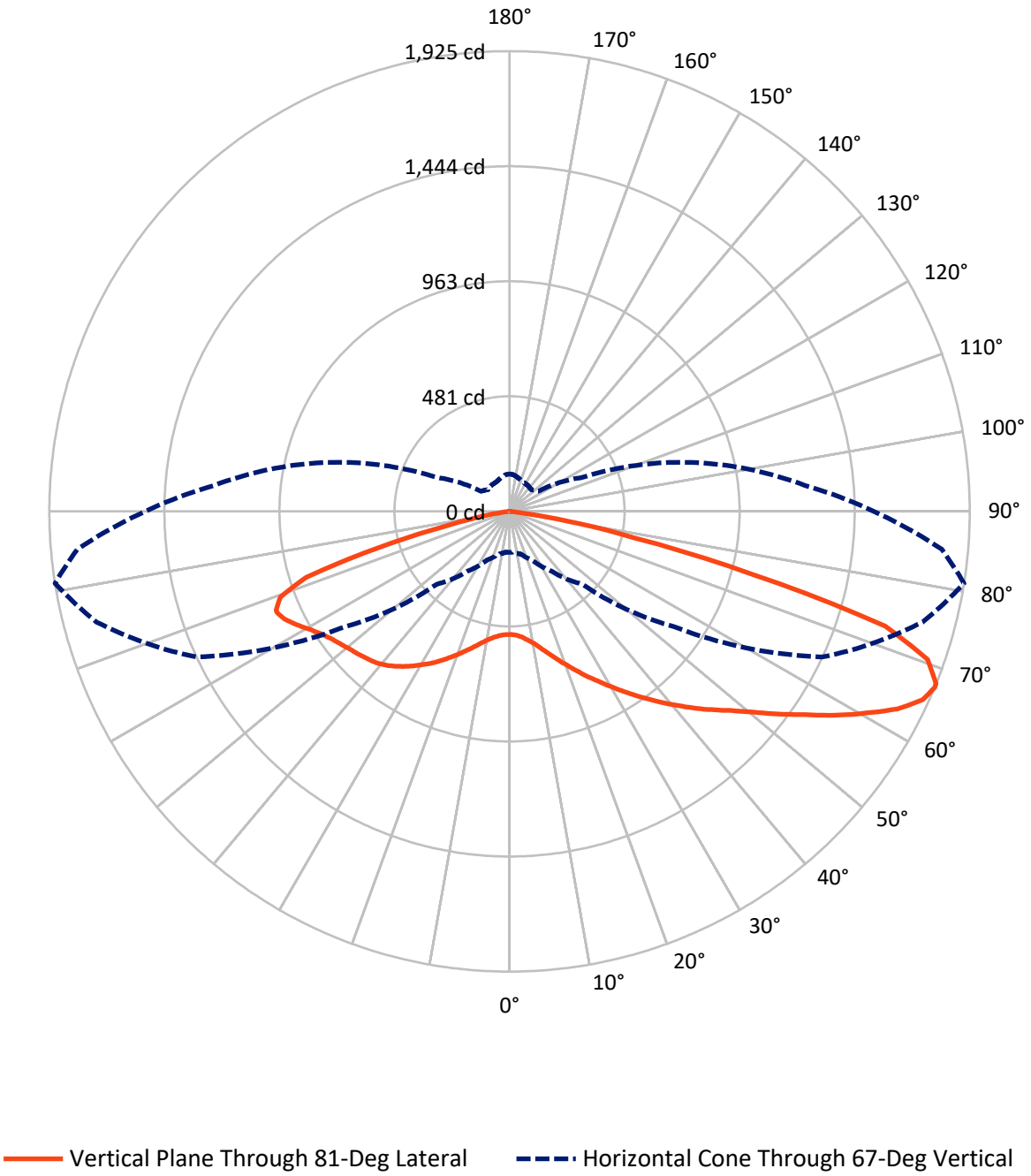
Based on 10 foot mounting height. Maximum calculated value = 9.9 fc
Type II - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P972323
CATALOG NUMBER: GKO-PB1D-740-U-T2R

Luminous Intensity Polar Plot



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

Scaled Data Report

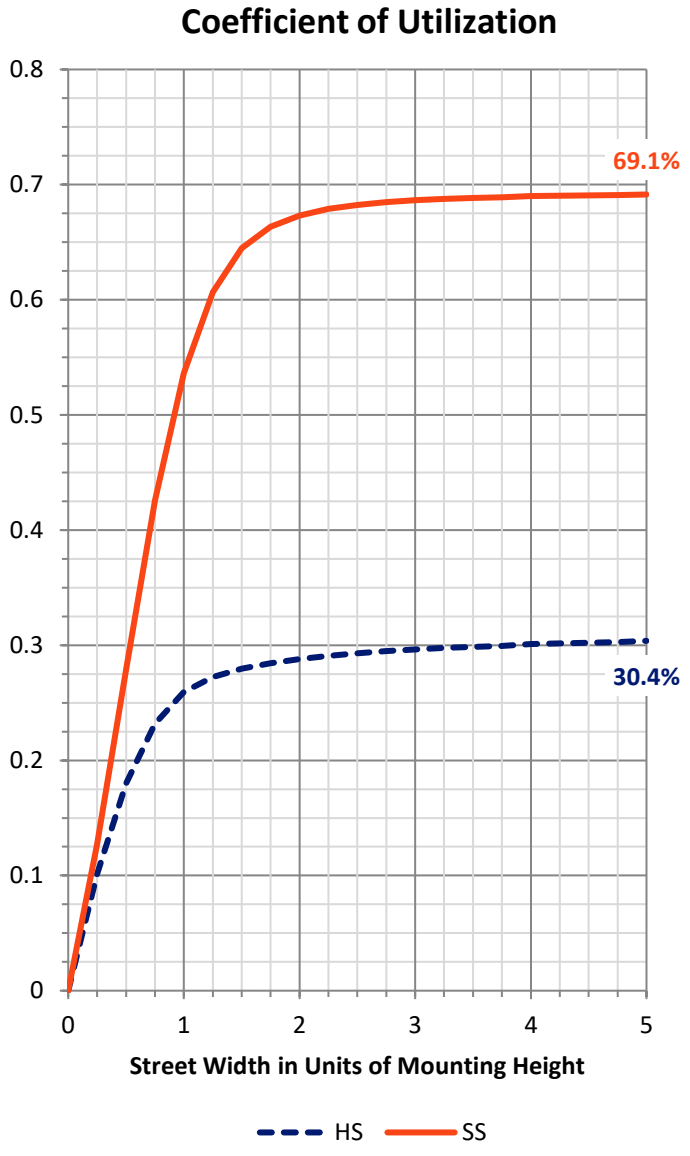
REPORT NUMBER: P972323
CATALOG NUMBER: GKO-PB1D-740-U-T2R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1140.9	0.0	1140.9
	% Fixture	30.9	0.0	30.9
Street Side	Lumens	2553.7	0.0	2553.7
	% Fixture	69.1	0.0	69.1
Total	Lumens	3694.6	0.0	3694.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.3	1.4
10°-20°	193.0	5.2
20°-30°	390.9	10.6
30°-40°	616.4	16.7
40°-50°	757.0	20.5
50°-60°	723.2	19.6
60°-70°	606.4	16.4
70°-80°	321.3	8.7
80°-90°	33.2	0.9
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°	3694.6	100.0
0°-180°	3694.6	100.0



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

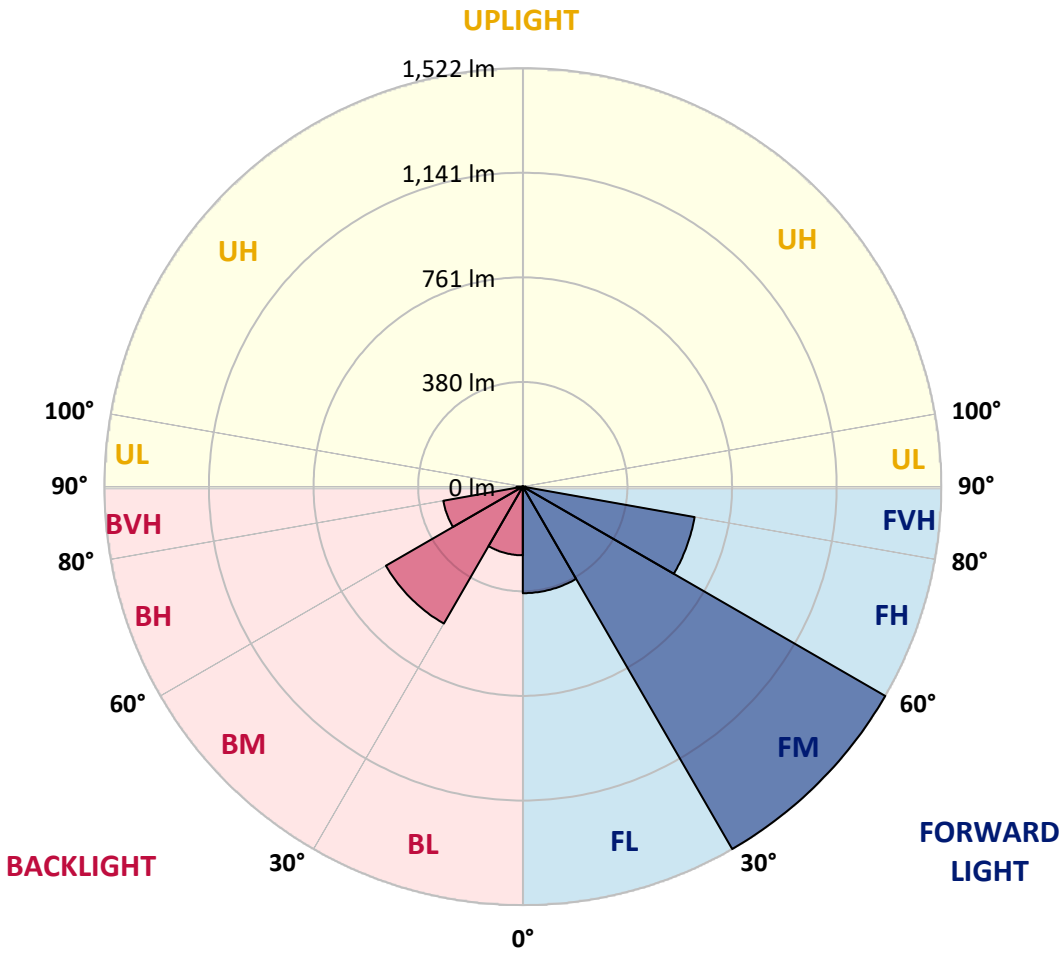
Scaled Data Report

REPORT NUMBER: P972323
CATALOG NUMBER: GKO-PB1D-740-U-T2R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	387.5	10.5			
FM	(30°-60°)	1521.7	41.2			
FH	(60°-80°)	634.2	17.2			G0/660
FVH	(80°-90°)	10.3	0.3			G1/100
BL	(0°-30°)	249.7	6.8	B1/500		
BM	(30°-60°)	574.9	15.6	B1/1000		
BH	(60°-80°)	293.5	7.9	B1/500		G1/500
BVH	(80°-90°)	22.9	0.6			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 II Medium



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

Scaled Data Report

REPORT NUMBER: P972323
CATALOG NUMBER: GKO-PB1D-740-U-T2R

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	81°	85°
0°	514.7	514.7	514.7	514.7	514.7	514.7	514.7	514.7	514.7	*514.7*	514.7
2.5°	544.3	545.8	542.9	542.2	539.4	535.2	530.2	526.7	521.0	*518.2*	516.8
5°	596.0	593.1	591.0	587.5	577.6	569.1	554.9	545.1	534.4	*527.4*	525.3
7.5°	658.9	660.3	653.2	644.0	629.9	612.9	590.3	571.9	552.1	*542.9*	538.7
10°	727.4	733.1	726.0	714.7	687.9	662.4	634.8	603.0	576.2	*562.0*	556.4
12.5°	810.9	814.4	805.2	790.4	757.8	719.7	680.8	641.2	605.8	*588.2*	578.3
15°	904.2	901.3	892.2	870.2	828.5	786.1	733.1	681.5	639.8	*617.9*	603.7
17.5°	1000.3	996.8	984.8	956.5	909.1	856.1	793.2	728.1	675.8	*651.8*	632.7
20°	1092.2	1088.7	1080.2	1048.4	991.1	926.1	852.6	781.9	716.8	*687.1*	665.9
22.5°	1194.0	1191.2	1177.8	1138.9	1077.4	1006.0	920.4	836.3	761.4	*726.0*	700.6
25°	1304.3	1305.0	1290.2	1235.7	1166.5	1083.0	993.3	897.8	811.6	*767.0*	738.0
27.5°	1433.0	1432.3	1406.8	1348.1	1261.2	1165.0	1065.4	962.1	861.1	*808.7*	775.5
30°	1549.6	1546.8	1518.5	1459.8	1359.4	1251.3	1141.7	1024.4	916.9	*854.7*	814.4
32.5°	1635.9	1636.6	1613.2	1548.9	1450.6	1335.4	1213.1	1094.3	970.6	*904.2*	859.6
35°	1698.1	1698.8	1676.2	1621.0	1529.1	1413.9	1288.8	1160.1	1030.7	*955.1*	907.0
37.5°	1717.9	1717.9	1703.0	1659.9	1585.0	1484.6	1363.0	1235.0	1090.8	*1010.2*	955.1
40°	1691.0	1693.1	1692.4	1664.1	1612.5	1533.4	1431.6	1307.1	1158.0	*1064.7*	1003.9
42.5°	1630.2	1631.6	1633.7	1623.1	1606.9	1559.5	1486.7	1380.7	1225.1	*1124.0*	1051.9
45°	1529.8	1535.5	1546.1	1550.3	1556.7	1553.1	1520.6	1449.2	1300.1	*1183.4*	1099.3
47.5°	1402.6	1411.8	1425.9	1451.3	1486.7	1515.0	1529.1	1502.2	1372.9	*1244.9*	1152.3
50°	1225.8	1235.7	1273.9	1326.9	1396.9	1452.1	1505.8	1541.8	1454.2	*1319.9*	1211.7
52.5°	981.2	1002.4	1066.8	1168.6	1288.8	1370.8	1456.3	1560.9	1536.9	*1408.2*	1282.4
55°	746.5	754.3	837.0	959.3	1144.5	1283.1	1388.4	1551.0	1614.7	*1500.8*	1363.0
57.5°	521.7	530.2	602.3	735.9	940.9	1168.6	1320.6	1517.8	1685.3	*1609.7*	1455.6
60°	370.4	379.6	433.4	532.3	731.0	1001.7	1257.6	1475.4	1746.9	*1712.9*	1562.3
62.5°	269.3	274.3	302.6	386.0	528.1	783.3	1167.9	1447.8	1790.0	*1820.4*	1671.9
65°	206.4	211.4	227.6	279.9	390.2	572.6	1006.7	1447.1	1801.3	*1899.5*	1766.6
67°	*171.8*	*171.1*	*185.2*	*224.8*	*304.7*	*430.5*	*840.6*	*1441.5*	*1788.6*	*1925.0*	*1814.7*
67.5°	162.6	165.4	176.7	210.0	287.7	396.6	804.5	1432.3	1784.3	*1924.3*	1818.3
70°	129.4	130.1	140.0	166.1	216.3	287.7	579.0	1341.8	1720.0	*1855.0*	1778.7
72.5°	94.7	94.0	108.9	125.8	165.4	209.3	388.1	1126.9	1580.7	*1643.6*	1581.4
75°	70.0	69.3	77.1	96.1	118.1	156.2	251.7	735.2	1070.3	*1045.6*	965.7
77.5°	46.7	48.1	55.1	70.7	84.1	96.9	125.8	338.6	589.6	*533.0*	513.2
80°	28.3	26.2	31.1	40.3	48.8	49.5	53.7	146.3	253.1	*241.1*	226.2
82.5°	9.9	9.9	12.0	16.3	16.3	16.3	19.8	35.3	50.2	*46.0*	43.8
85°	0.0	0.0	0.0	0.0	1.4	2.1	1.4	2.8	4.9	*5.7*	5.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.4	2.1	*2.8*	2.8
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: P972323
CATALOG NUMBER: GKO-PB1D-740-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	514.7	514.7	514.7	514.7	514.7	514.7	514.7	514.7	514.7	514.7	514.7
2.5°	516.8	516.8	514.7	511.8	510.4	509.7	507.6	504.8	506.9	509.0	509.0
5°	523.8	522.4	518.2	515.4	513.2	513.2	510.4	509.7	511.8	513.9	513.2
7.5°	535.2	532.3	527.4	523.1	523.8	524.5	520.3	520.3	522.4	524.5	524.5
10°	550.7	545.8	540.8	537.3	538.0	538.7	534.4	533.0	535.2	537.3	538.7
12.5°	570.5	564.1	558.5	554.9	554.2	554.9	550.7	549.3	549.3	550.7	550.7
15°	593.8	586.8	579.7	574.7	573.3	572.6	567.0	562.0	562.0	562.7	562.7
17.5°	620.7	610.8	601.6	596.0	592.4	587.5	581.1	574.0	571.9	572.6	572.6
20°	647.6	637.0	624.9	617.2	610.1	601.6	591.7	582.5	578.3	578.3	577.6
22.5°	678.7	664.5	648.3	637.7	624.9	610.8	596.7	584.6	580.4	579.0	579.0
25°	710.5	694.2	670.9	654.6	636.2	615.7	597.4	581.1	574.0	571.2	571.2
27.5°	743.0	723.9	693.5	670.2	643.3	615.0	590.3	569.8	559.9	556.4	554.9
30°	779.8	752.2	713.3	681.5	644.7	608.7	576.9	552.8	538.0	529.5	530.2
32.5°	817.9	783.3	731.7	688.6	642.6	596.7	556.4	526.0	506.9	499.1	496.3
35°	856.8	813.0	747.9	692.1	635.5	578.3	530.2	496.3	475.1	463.8	463.8
37.5°	896.4	844.1	759.3	691.4	622.8	554.2	499.8	463.8	439.0	424.9	421.3
40°	935.3	873.1	767.7	685.7	603.7	525.3	467.3	428.4	395.2	376.8	374.0
42.5°	973.5	897.1	772.0	676.5	581.1	493.4	430.5	378.2	346.4	329.4	328.7
45°	1008.1	916.2	772.7	664.5	551.4	457.4	381.0	330.8	299.0	281.4	281.4
47.5°	1042.0	937.4	772.0	649.0	518.9	410.7	328.7	279.9	251.0	239.7	236.1
50°	1083.0	958.6	771.3	629.9	477.2	354.9	277.8	236.1	211.4	200.1	200.1
52.5°	1124.7	983.4	772.7	603.0	427.7	300.4	232.6	195.8	179.6	172.5	171.8
55°	1178.5	1009.5	776.2	571.2	376.1	247.4	193.7	169.0	157.6	154.1	154.8
57.5°	1243.5	1045.6	783.3	533.7	316.0	202.9	166.1	152.7	149.9	151.3	152.0
60°	1317.7	1090.1	793.2	491.3	263.0	169.0	149.9	147.0	149.9	155.5	156.2
62.5°	1404.0	1143.8	805.9	444.0	210.7	148.5	142.8	144.9	147.0	156.2	156.9
65°	1480.3	1201.8	808.7	388.1	171.1	135.0	138.6	140.0	145.6	156.2	156.9
67°	*1523.5*	*1241.4*	*789.7*	*335.1*	*146.3*	*128.0*	*132.9*	*134.3*	*144.2*	*154.8*	*156.2*
67.5°	1528.4	1249.9	776.9	321.7	141.4	126.5	131.5	134.3	144.2	154.8	155.5
70°	1513.6	1244.2	692.1	242.5	116.6	116.6	122.3	128.7	138.6	149.9	154.8
72.5°	1381.4	1134.6	535.9	164.7	99.0	105.3	113.8	123.0	132.2	145.6	154.1
75°	873.1	730.3	328.0	110.3	82.7	94.0	107.5	118.1	125.8	135.7	141.4
77.5°	466.6	361.2	141.4	65.0	65.0	83.4	99.7	109.6	113.8	117.4	120.9
80°	220.6	168.3	68.6	38.9	45.2	65.0	88.4	99.0	100.4	104.6	106.0
82.5°	43.8	38.2	22.6	20.5	29.7	46.7	73.5	85.5	86.2	93.3	94.7
85°	5.7	4.9	3.5	7.8	19.1	34.6	56.6	73.5	74.9	74.9	73.5
87.5°	2.8	2.1	2.1	5.7	14.1	26.2	46.7	61.5	62.2	48.8	47.4
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: SP2-2501-321-1

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

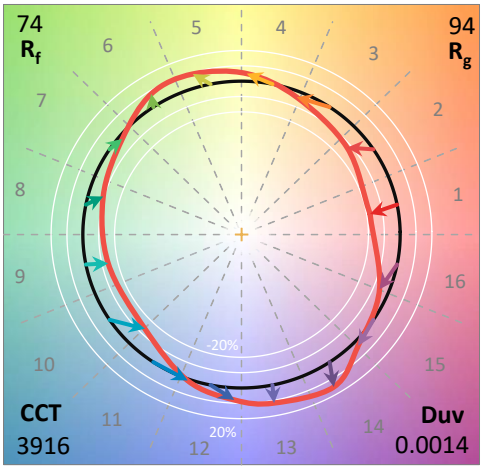
Test Information

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

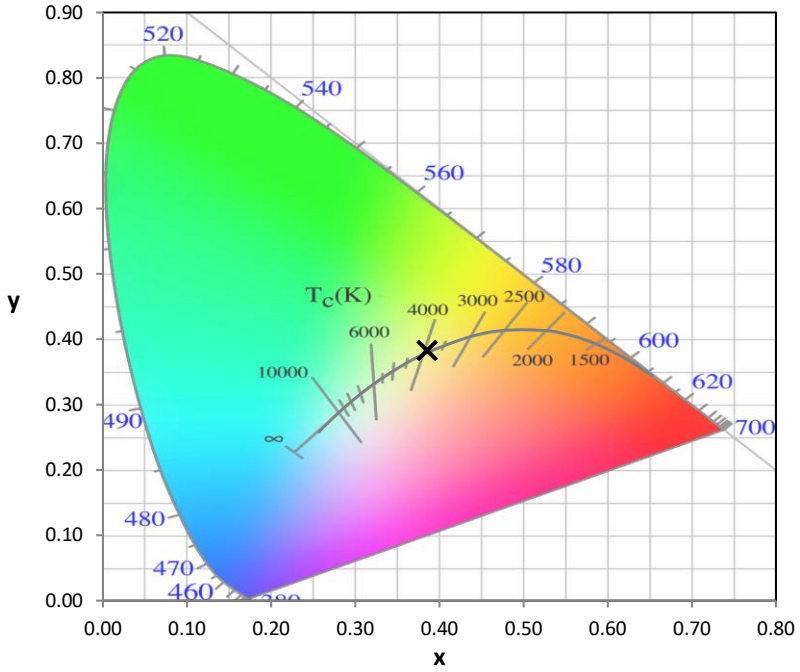
Stabilization Time:	33M
Operation Time:	1H 33M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP2-2501-321-1

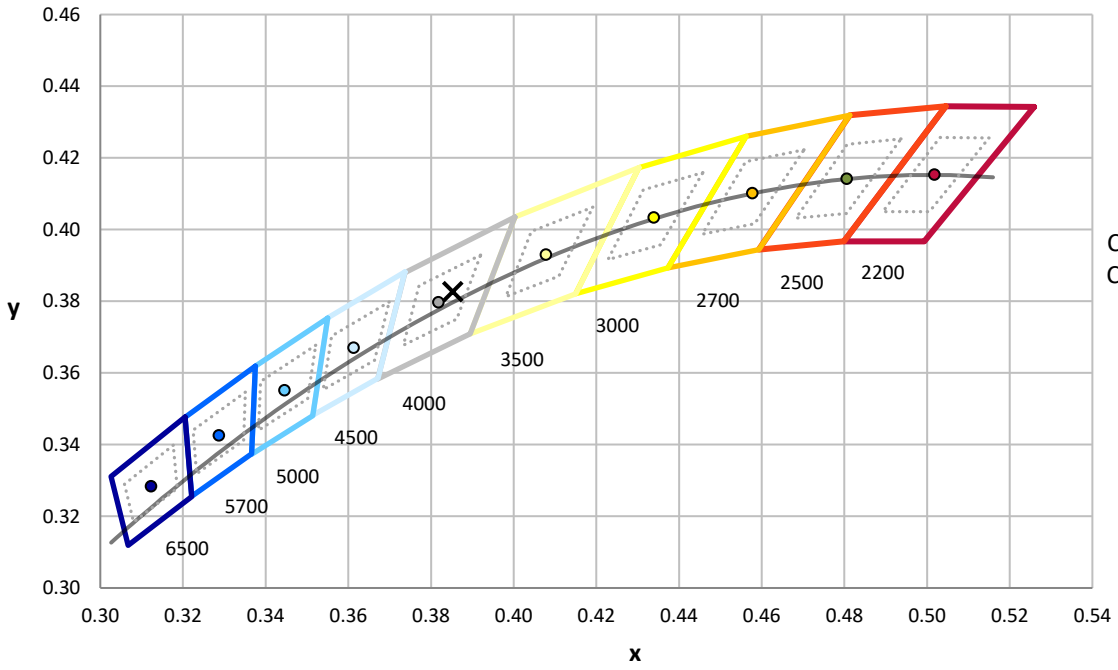
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

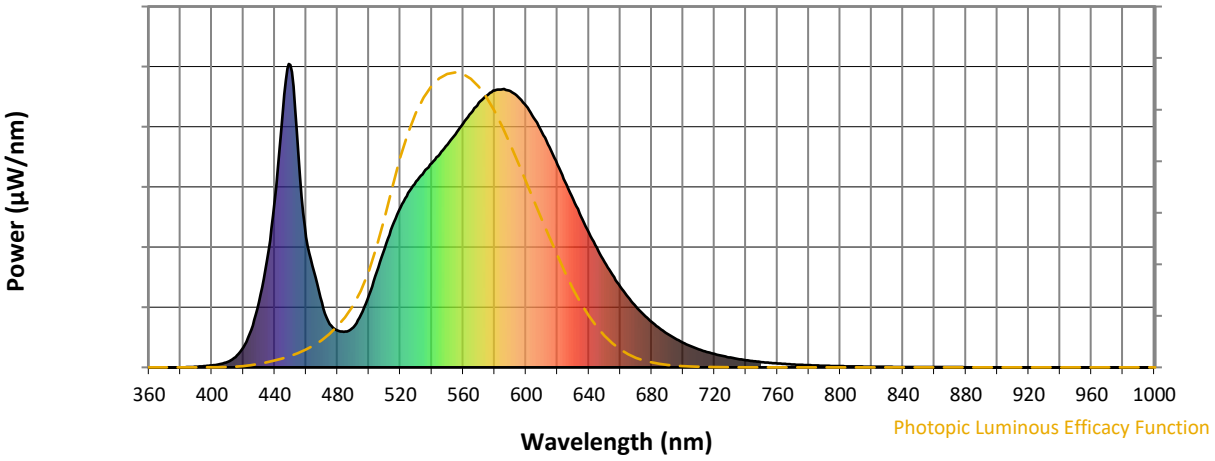


CCT = 3916K
CIE x = 0.3853
CIE y = 0.3827
Duv = 0.0014

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-1

Photopic Flux vs. Wavelength

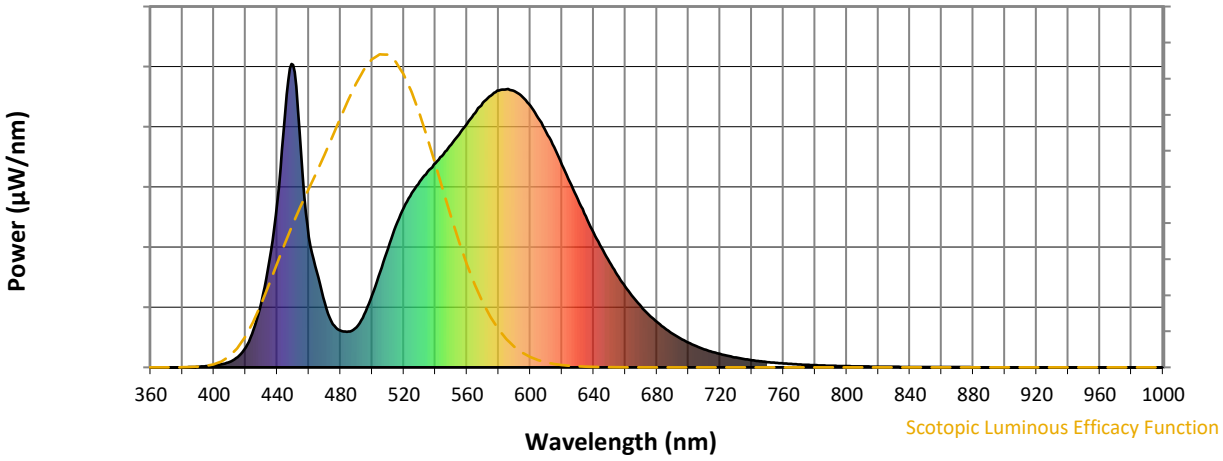


Photopic Lumens: NR

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			

REPORT NUMBER: SP2-2501-321-1

Scotopic Flux vs. Wavelength

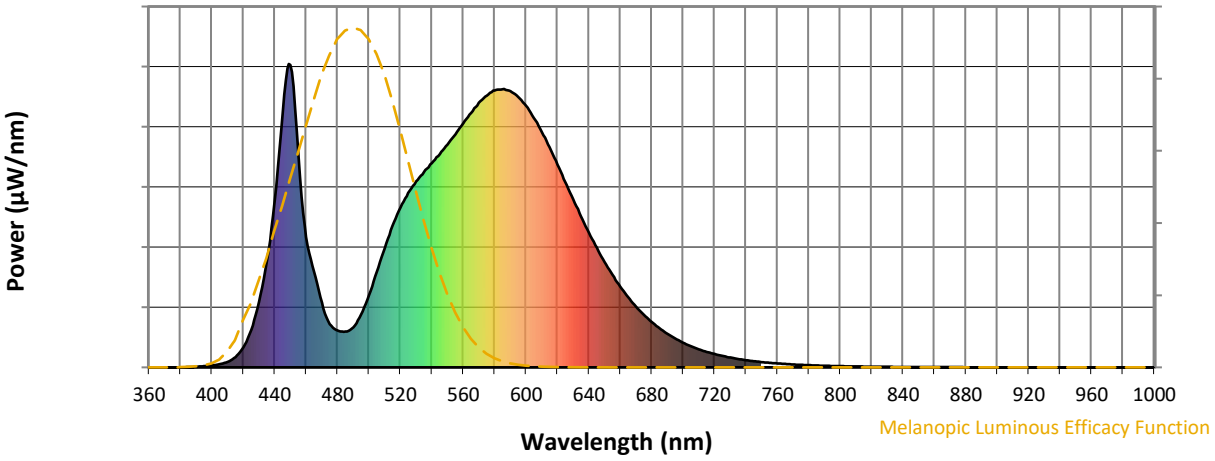


Scotopic Lumens: NR **S/P: 1.49**

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			

REPORT NUMBER: SP2-2501-321-1

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			

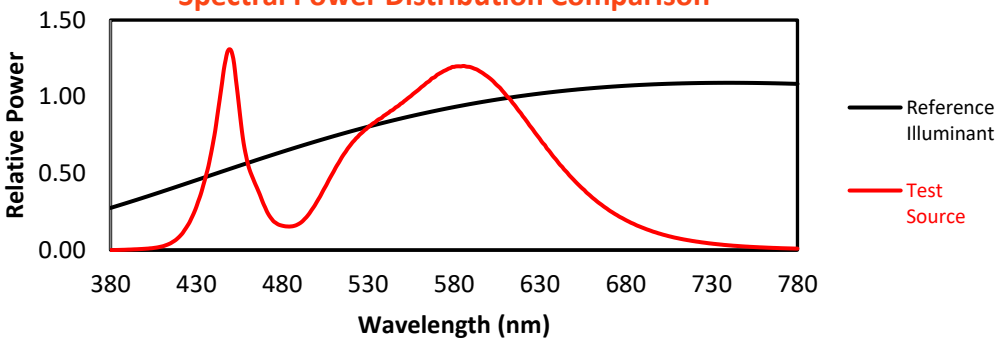
REPORT NUMBER: SP2-2501-321-1

TM-30-18

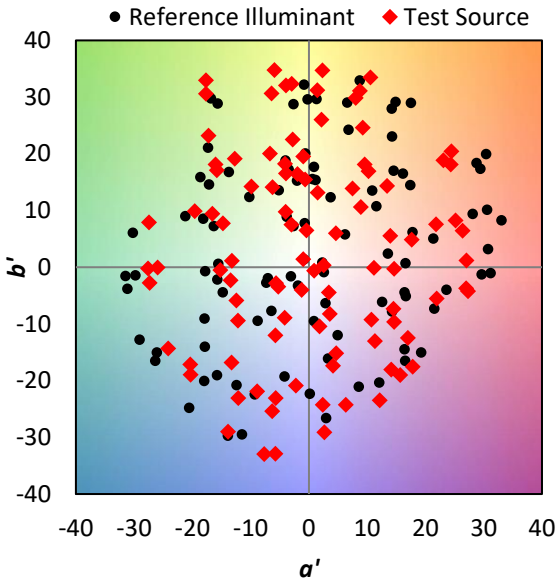
Summary

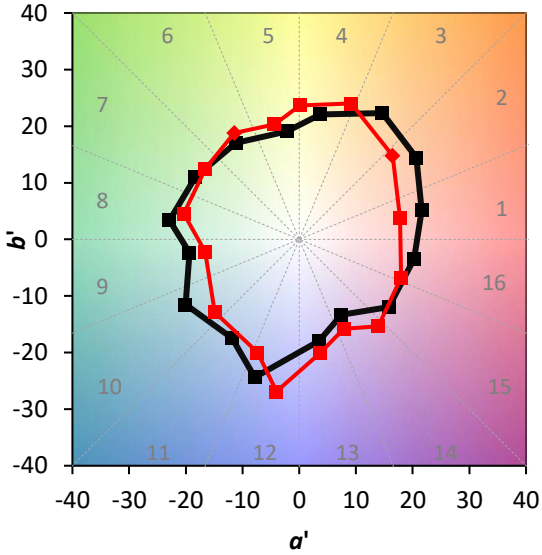
R_f = 73.5
R_g = 93.5
CIE R_a = 71.0
R_9 = -37.9

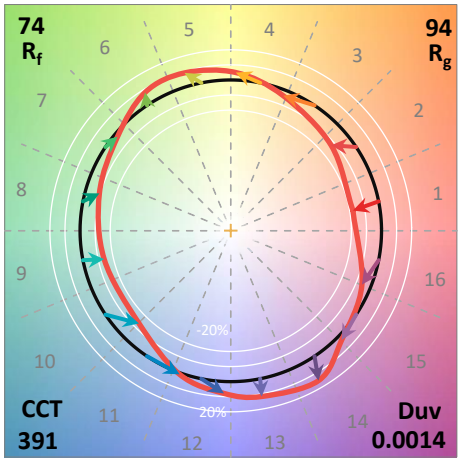
Spectral Power Distribution Comparison

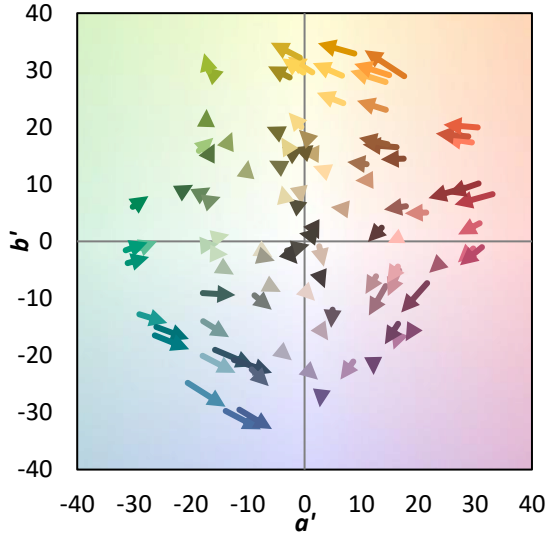


Color Vector Graphics







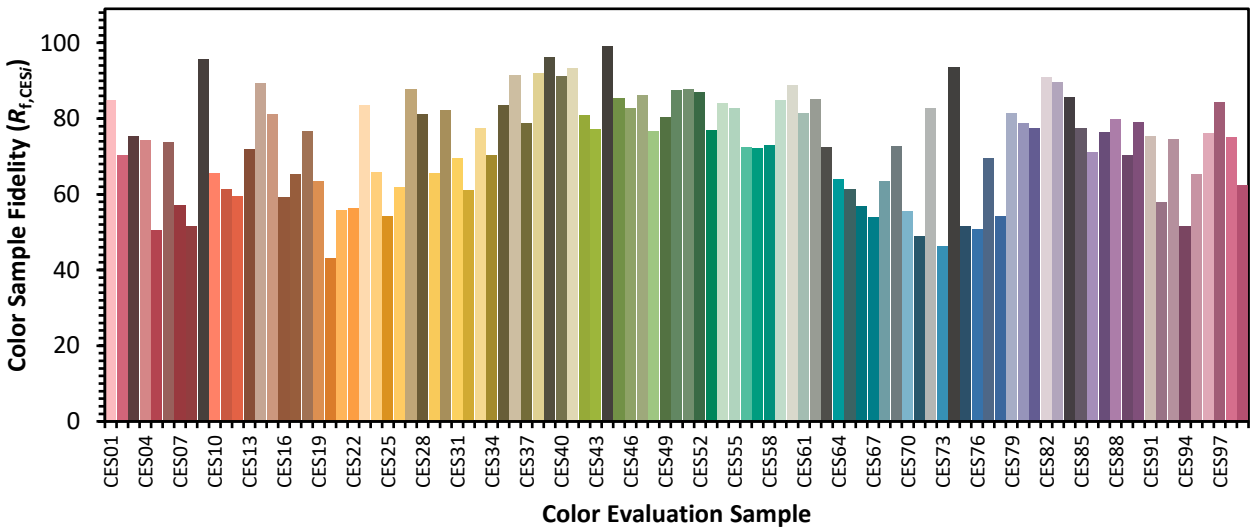


REPORT NUMBER: SP2-2501-321-1

TM-30-18

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

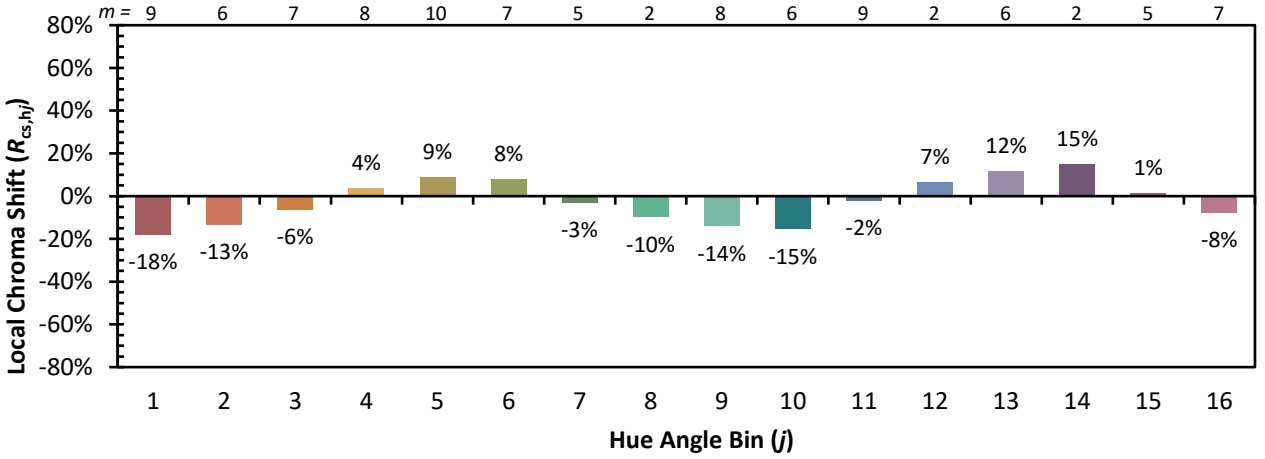
CES01 = 85	CES26 = 62	CES51 = 88	CES76 = 51
CES02 = 61	CES27 = 88	CES52 = 87	CES77 = 70
CES03 = 30	CES28 = 81	CES53 = 77	CES78 = 54
CES04 = 70	CES29 = 66	CES54 = 84	CES79 = 81
CES05 = 47	CES30 = 82	CES55 = 83	CES80 = 79
CES06 = 50	CES31 = 69	CES56 = 73	CES81 = 77
CES07 = 40	CES32 = 61	CES57 = 72	CES82 = 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	

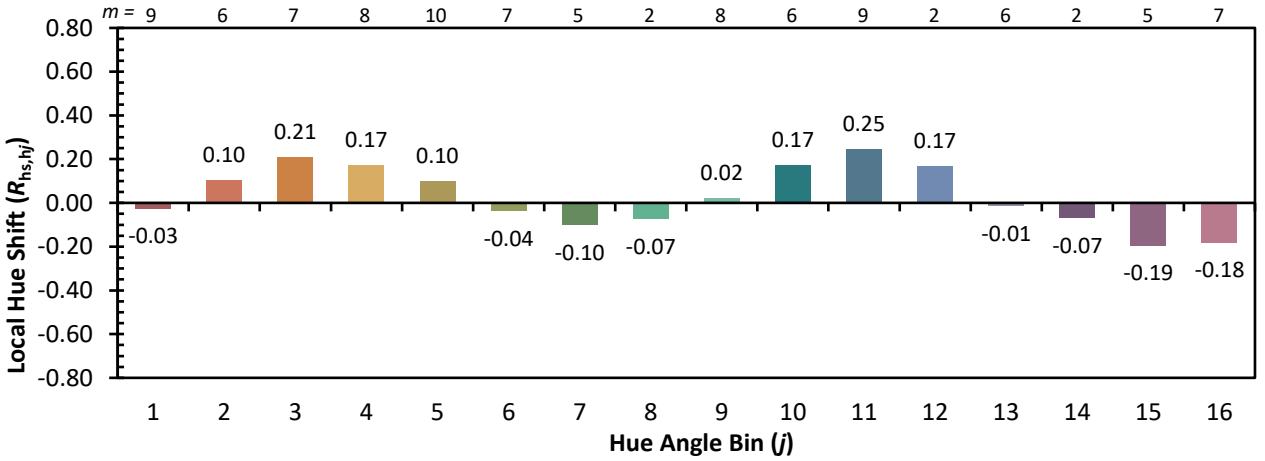


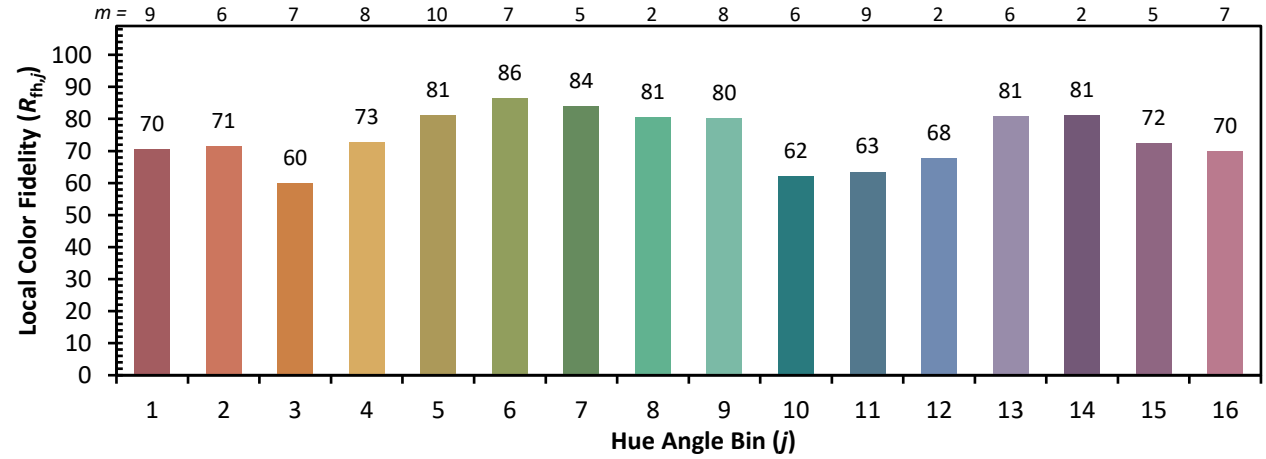
REPORT NUMBER: SP2-2501-321-1

TM-30-18

Color Rendition by Hue-Angle Bin



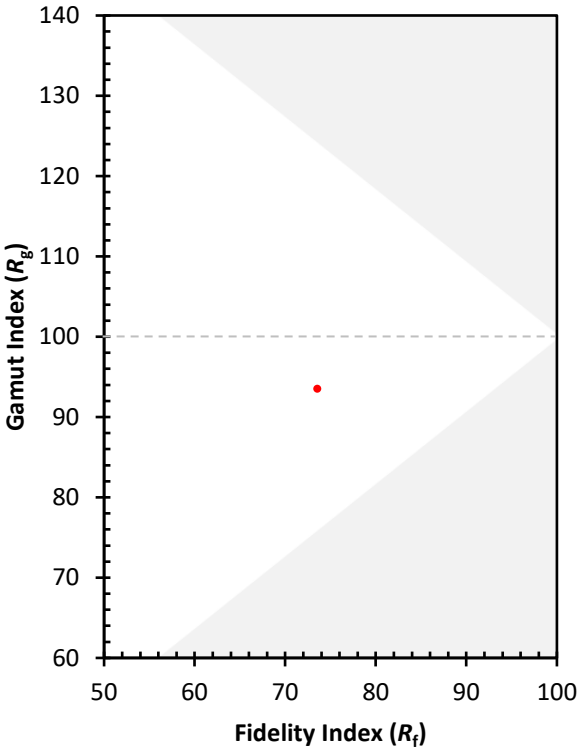


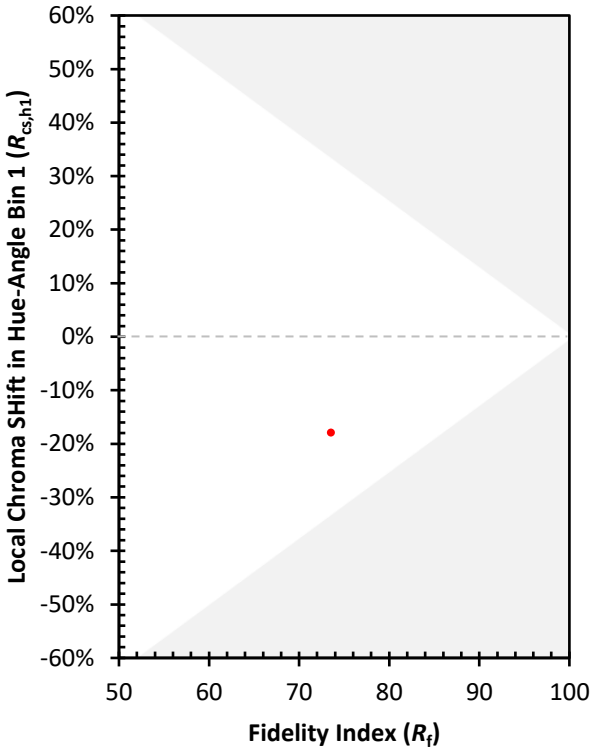


REPORT NUMBER: SP2-2501-321-1

TM-30-18

Measure Comparisons





(END OF REPORT)