

Signify Classified - Internal
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: P972342

Luminaire Tested: **GKO-PB1E-722-U-T2U**

Issue Date: 02/27/2025



Test Information

Test Method: LM-79-08
Report Number: P972342
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-T2U
Description: GEKKO WALL PACK 5000LM PACKAGE 70CRI 2200K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source: (10) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4291.9 lumens
Efficiency: N/A
Efficacy: 110.9 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

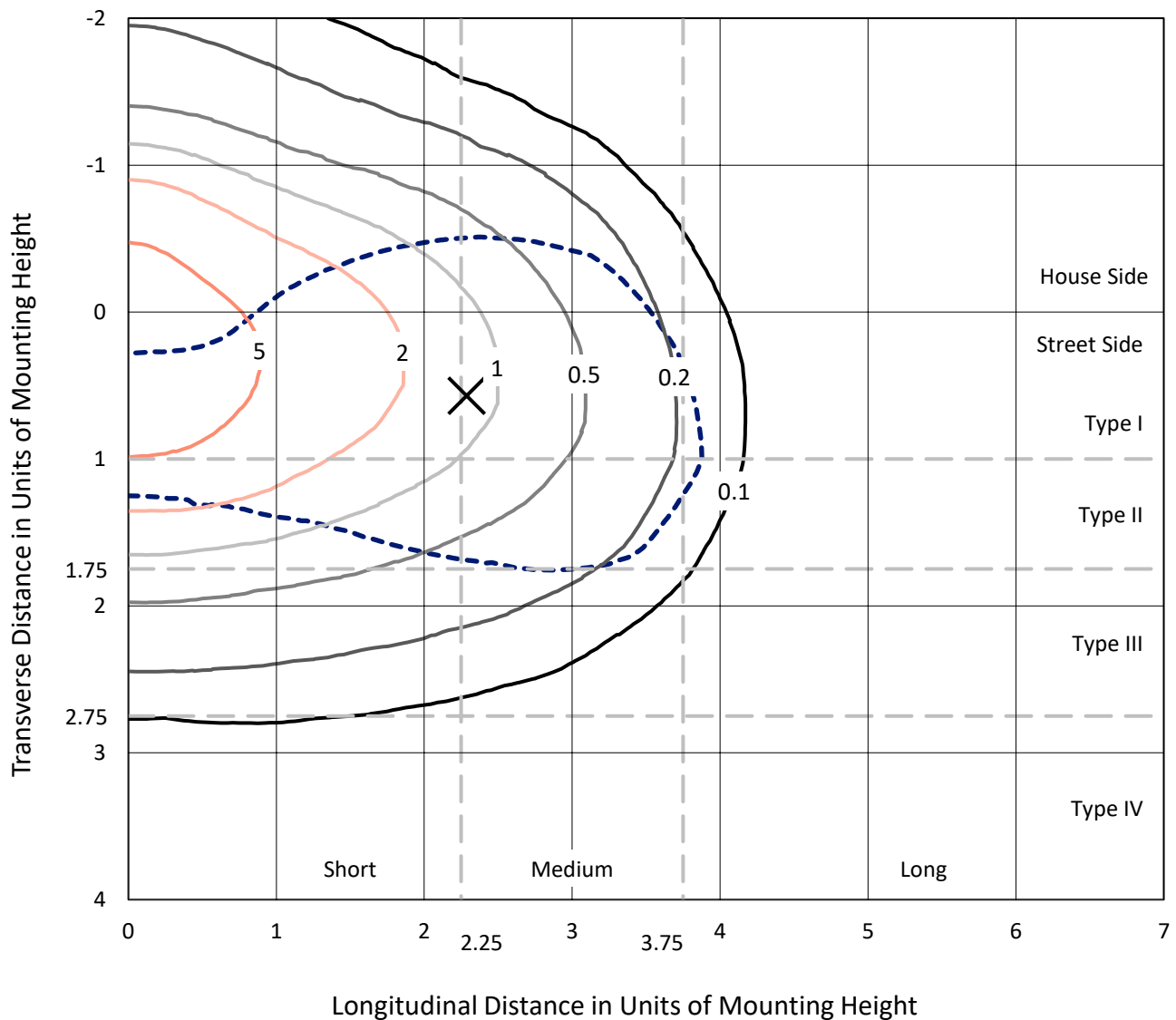
Input Watts (W): 38.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 9%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P972342

CATALOG NUMBER: GKO-PB1E-722-U-T2U

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

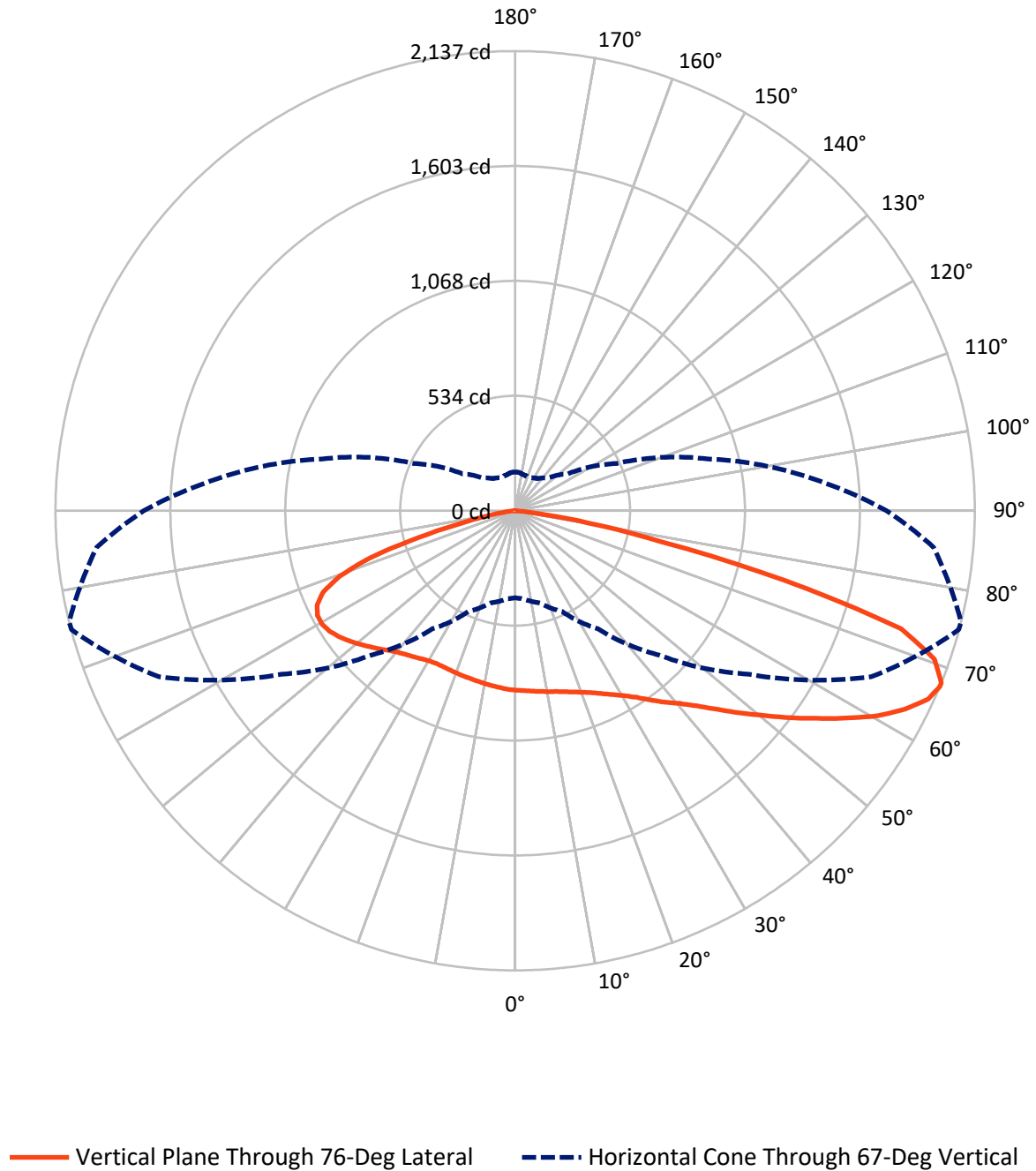


Based on 10 foot mounting height. Maximum calculated value = 9.4 fc
Type II - Medium - N/A

REPORT NUMBER: P972342

CATALOG NUMBER: GKO-PB1E-722-U-T2U

Luminous Intensity Polar Plot



REPORT NUMBER: P972342

CATALOG NUMBER: GKO-PB1E-722-U-T2U

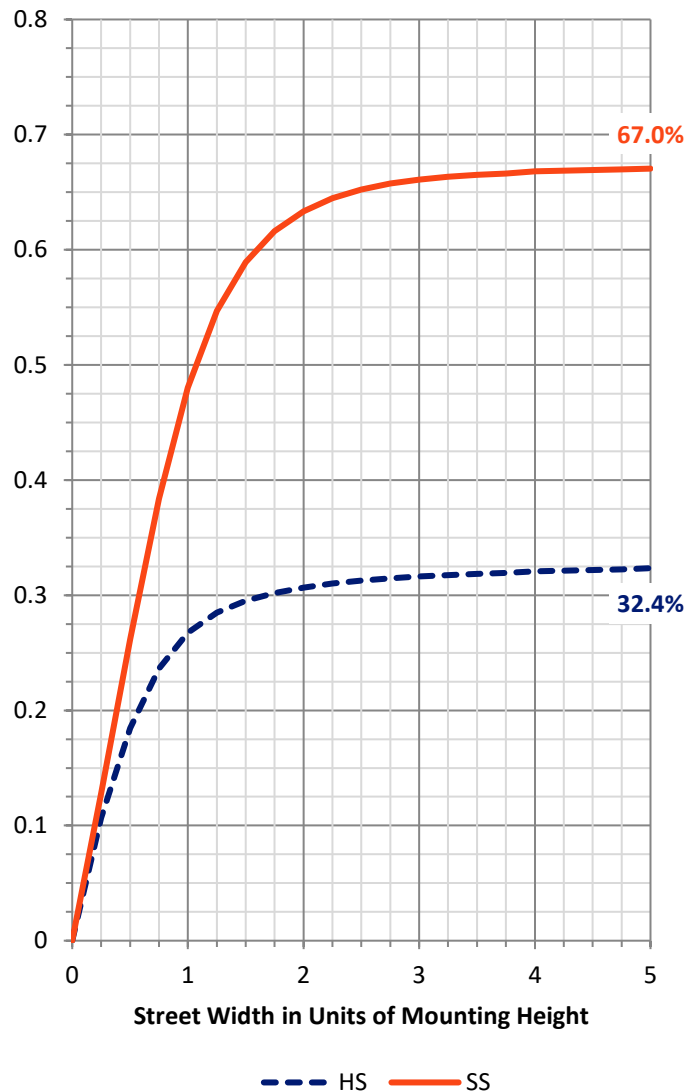
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1416.0	0.0	1416.0
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	2875.9	0.0	2875.9
	% Fixture	67.0	0.0	67.0
Total	Lumens	4291.9	0.0	4291.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.2	1.9
10°-20°	245.3	5.7
20°-30°	422.1	9.8
30°-40°	606.5	14.1
40°-50°	769.2	17.9
50°-60°	844.6	19.7
60°-70°	819.2	19.1
70°-80°	452.3	10.5
80°-90°	52.5	1.2
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°	4291.9	100.0
0°-180°	4291.9	100.0



REPORT NUMBER: P972342

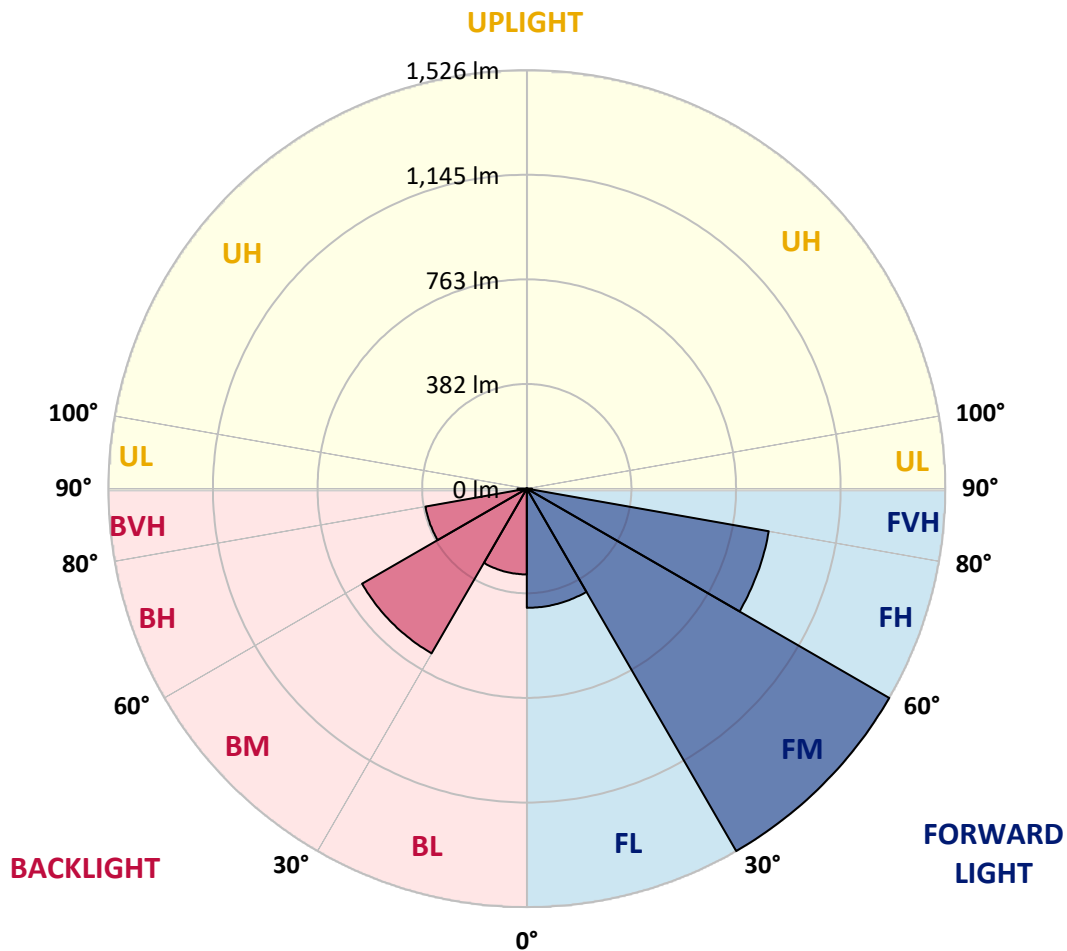
CATALOG NUMBER: GKO-PB1E-722-U-T2U

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	434.8	10.1			
FM	(30°-60°)	1526.5	35.6			
FH	(60°-80°)	896.1	20.9			G1/1800
FVH	(80°-90°)	18.5	0.4			G1/100
BL	(0°-30°)	312.9	7.3	B1/500		
BM	(30°-60°)	693.9	16.2	B1/1000		
BH	(60°-80°)	375.3	8.7	B1/500		G1/500
BVH	(80°-90°)	33.9	0.8			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





REPORT NUMBER: P972342

CATALOG NUMBER: GKO-PB1E-722-U-T2U

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	834.3	834.3	834.3	834.3	834.3	834.3	834.3	834.3	834.3	834.3	834.3
2.5°	859.2	858.4	857.5	857.5	854.2	850.9	847.6	845.1	838.4	837.6	834.3
5°	884.9	884.9	882.4	881.6	876.6	868.3	860.9	853.4	844.3	842.6	835.1
7.5°	918.1	918.1	914.0	910.7	903.2	889.9	876.6	863.3	850.1	848.4	836.8
10°	960.5	960.5	957.1	949.7	933.9	916.5	894.9	874.1	856.7	855.0	838.4
12.5°	1004.5	1005.3	1000.3	989.5	970.4	943.9	917.3	887.4	865.0	862.5	841.8
15°	1049.3	1050.1	1046.8	1035.2	1009.4	977.1	941.4	905.7	875.8	873.3	846.7
17.5°	1093.3	1095.0	1091.6	1078.3	1048.5	1013.6	969.6	924.8	889.1	885.8	855.0
20°	1134.8	1134.8	1134.8	1119.9	1090.8	1051.0	1000.3	948.0	904.0	900.7	865.0
22.5°	1172.2	1173.8	1176.3	1168.0	1134.8	1090.8	1036.0	973.8	923.1	919.0	877.5
25°	1209.5	1210.3	1217.0	1211.2	1178.8	1133.1	1074.2	1006.1	946.4	942.2	892.4
27.5°	1252.7	1255.2	1259.3	1256.8	1220.3	1175.5	1116.5	1041.8	972.1	967.9	910.7
30°	1303.3	1303.3	1305.8	1301.7	1265.1	1220.3	1158.9	1079.2	1004.5	997.8	933.1
32.5°	1344.8	1349.0	1347.3	1345.7	1307.5	1262.6	1202.0	1120.7	1041.8	1033.5	963.8
35°	1383.8	1384.7	1383.8	1385.5	1347.3	1305.0	1247.7	1168.8	1083.3	1080.0	1002.8
37.5°	1406.3	1407.9	1412.1	1417.0	1383.0	1343.2	1293.4	1222.0	1134.8	1129.0	1049.3
40°	1417.0	1419.5	1441.9	1449.4	1412.9	1379.7	1341.5	1270.1	1184.6	1178.0	1095.8
42.5°	1433.6	1453.6	1465.2	1466.9	1435.3	1406.3	1383.0	1324.9	1246.0	1240.2	1158.0
45°	1378.9	1371.4	1402.1	1437.8	1436.1	1423.7	1422.9	1386.3	1321.6	1315.8	1228.6
47.5°	1310.0	1304.1	1320.7	1373.0	1410.4	1431.2	1461.9	1458.6	1412.9	1404.6	1310.8
50°	1145.6	1155.6	1236.9	1308.3	1373.0	1433.6	1495.1	1534.1	1501.7	1495.1	1398.0
52.5°	992.0	998.7	1054.3	1224.5	1324.9	1426.2	1524.1	1613.8	1605.5	1598.0	1493.4
55°	884.1	890.7	979.6	1088.3	1253.5	1388.0	1543.2	1689.3	1710.9	1703.4	1594.7
57.5°	771.2	782.0	842.6	938.1	1158.0	1324.9	1549.9	1765.7	1825.5	1818.8	1691.8
60°	662.5	677.4	713.1	816.9	1040.2	1250.2	1532.4	1827.1	1935.9	1935.9	1792.3
62.5°	562.0	570.3	607.7	701.5	890.7	1154.7	1488.4	1866.2	2037.2	2033.0	1880.3
65°	479.0	483.1	513.0	593.5	765.4	1049.3	1412.1	1863.7	2109.4	2110.2	1938.4
67°	404.3	410.9	444.1	517.2	669.9	949.7	1324.1	1826.3	2135.1	2136.8	1952.5
67.5°	378.5	386.0	422.5	498.1	650.0	922.3	1303.3	1810.5	2133.5	2136.8	1948.3
70°	260.7	262.3	323.8	410.1	534.6	777.0	1159.7	1701.0	2070.4	2067.9	1857.8
72.5°	166.0	163.5	222.5	299.7	430.0	629.2	978.7	1509.2	1878.6	1876.1	1637.9
75°	110.4	112.9	150.3	214.2	302.2	486.5	762.9	1138.9	1305.0	1295.0	1080.8
77.5°	78.9	77.2	93.0	154.4	202.6	295.5	414.2	606.0	693.2	693.2	593.5
80°	43.2	44.0	50.6	85.5	114.6	115.4	155.2	303.8	338.7	346.2	288.1
82.5°	12.5	13.3	18.3	29.1	31.5	34.9	54.0	87.2	91.3	96.3	78.0
85°	0.0	0.0	0.0	0.8	3.3	4.2	4.2	5.0	8.3	8.3	9.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.8	0.8	1.7	3.3	3.3	4.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P972342

CATALOG NUMBER: GKO-PB1E-722-U-T2U

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	834.3	834.3	834.3	834.3	834.3	834.3	834.3	834.3	834.3	834.3	834.3
2.5°	833.5	834.3	831.0	826.8	823.5	821.8	816.9	812.7	815.2	817.7	817.7
5°	832.6	831.8	825.2	817.7	812.7	809.4	801.1	795.3	796.1	798.6	797.8
7.5°	832.6	829.3	820.2	809.4	801.1	794.4	783.7	777.0	776.2	777.8	776.2
10°	833.5	827.6	815.2	800.3	788.6	778.7	765.4	757.9	755.4	756.3	754.6
12.5°	835.1	826.0	810.2	791.1	776.2	762.9	748.0	738.8	737.2	738.8	738.8
15°	837.6	826.0	806.1	782.8	762.9	748.0	733.0	724.7	724.7	725.5	725.5
17.5°	842.6	828.5	802.7	773.7	749.6	733.0	719.7	713.9	714.7	717.2	717.2
20°	847.6	831.8	799.4	764.6	738.0	718.9	708.1	704.0	707.3	710.6	710.6
22.5°	855.0	835.9	796.1	756.3	724.7	705.6	696.5	693.2	696.5	700.6	699.0
25°	866.7	843.4	793.6	748.8	712.3	691.5	682.4	679.1	680.7	684.0	684.0
27.5°	879.9	852.6	792.8	739.7	697.3	674.9	664.1	659.1	659.1	660.0	660.8
30°	902.4	868.3	796.1	733.0	684.0	657.5	643.4	635.9	635.1	638.4	638.4
32.5°	928.9	889.9	804.4	727.2	670.8	636.7	617.6	611.8	610.2	612.6	610.2
35°	958.8	914.0	815.2	726.4	657.5	614.3	592.7	586.1	581.1	579.4	577.8
37.5°	1001.1	947.2	826.0	722.2	644.2	590.2	567.0	552.9	547.1	545.4	545.4
40°	1042.7	979.6	839.3	715.6	628.4	566.2	532.9	517.2	514.7	514.7	514.7
42.5°	1095.0	1021.9	857.5	711.4	609.3	542.1	496.4	478.2	478.2	478.2	477.3
45°	1159.7	1077.5	880.8	709.8	591.1	513.0	457.4	433.3	432.5	431.7	430.8
47.5°	1235.2	1135.6	903.2	705.6	569.5	478.2	412.6	386.0	380.2	378.5	376.1
50°	1313.3	1198.7	927.3	699.8	543.7	437.5	370.2	339.5	327.1	322.9	324.6
52.5°	1396.3	1260.1	950.5	691.5	513.0	396.8	327.1	294.7	282.2	277.3	276.4
55°	1477.6	1322.4	972.1	680.7	479.8	355.3	290.5	259.0	248.2	246.6	246.6
57.5°	1559.8	1382.2	988.7	664.9	443.3	318.8	259.0	233.3	225.8	229.1	229.1
60°	1634.5	1434.5	997.0	643.4	406.8	285.6	234.1	215.0	211.7	220.0	219.2
62.5°	1701.8	1469.3	992.8	611.8	371.1	257.3	215.0	200.9	201.7	211.7	212.5
65°	1734.2	1475.2	968.8	568.6	331.2	233.3	195.1	181.8	183.5	194.3	196.7
67°	1726.7	1452.7	928.9	519.7	298.8	215.0	182.6	169.3	170.2	179.3	180.1
67.5°	1718.4	1441.9	918.1	504.7	290.5	211.7	179.3	166.9	168.5	176.8	176.8
70°	1608.0	1332.4	818.5	428.4	251.5	188.4	163.5	155.2	156.9	161.9	161.9
72.5°	1405.4	1153.9	662.5	343.7	213.3	166.9	147.8	142.8	142.8	142.8	138.6
75°	896.5	723.1	433.3	263.2	176.0	142.8	132.8	127.0	123.7	128.7	127.0
77.5°	495.6	377.7	225.8	151.1	127.0	118.7	115.4	112.9	112.1	123.7	120.4
80°	234.9	186.8	127.0	86.3	73.1	88.0	99.6	98.0	117.0	160.2	161.0
82.5°	74.7	61.4	51.5	47.3	49.0	63.1	77.2	88.8	151.9	171.8	169.3
85°	9.1	8.3	5.8	19.1	32.4	46.5	59.8	115.4	139.5	116.2	109.6
87.5°	3.3	3.3	3.3	13.3	24.9	35.7	54.0	116.2	85.5	78.0	71.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

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

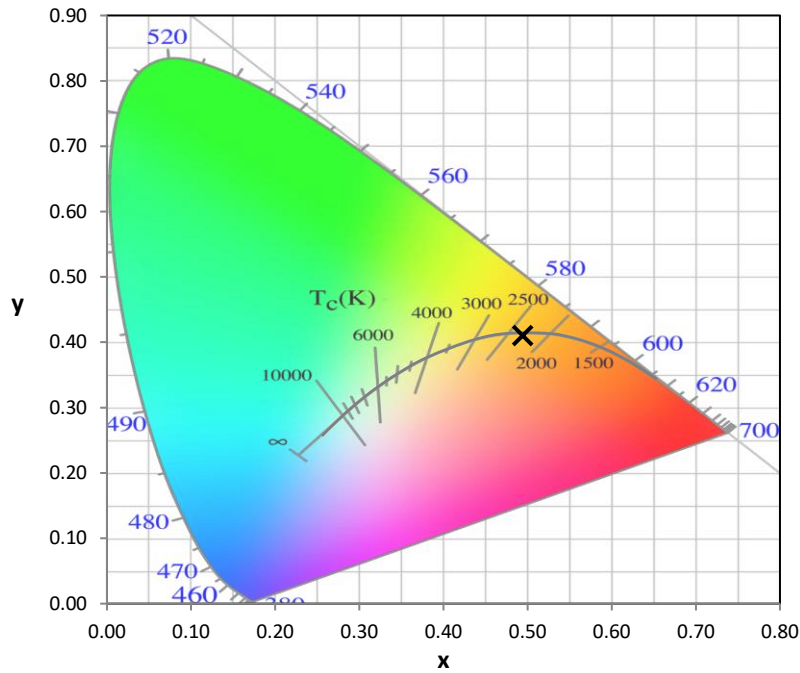
Stabilization Time: 40M
 Operation Time: 1H 40M
 Sphere Temperature (°C): 25.0

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



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 ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /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



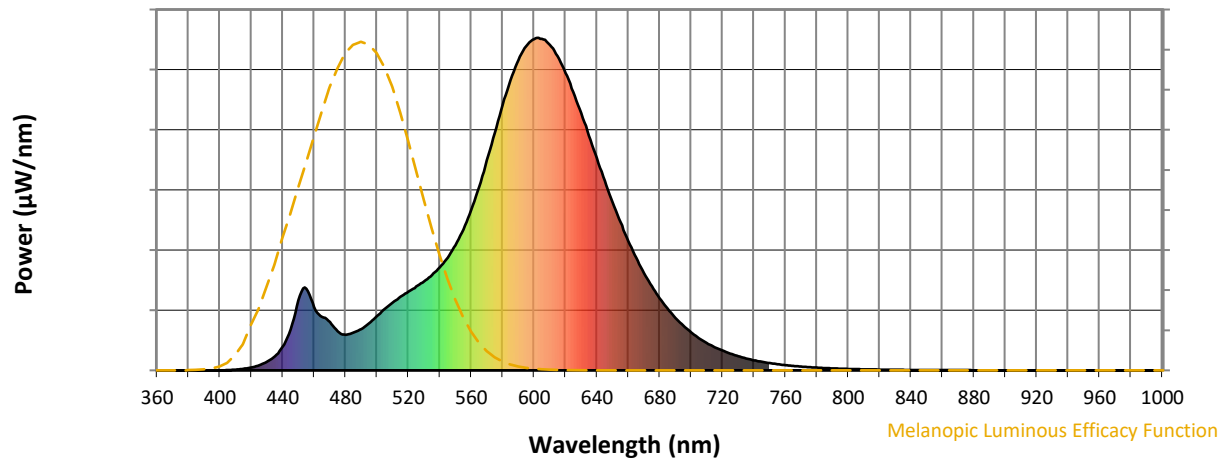
Scotopic Lumens: NR

S/P: 0.98

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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 ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /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

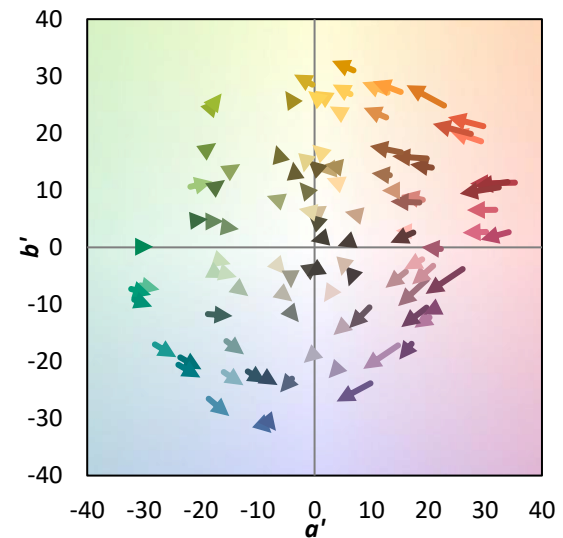
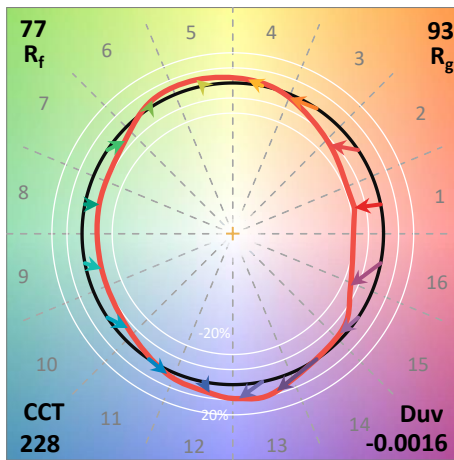
TM-30-18

Summary

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

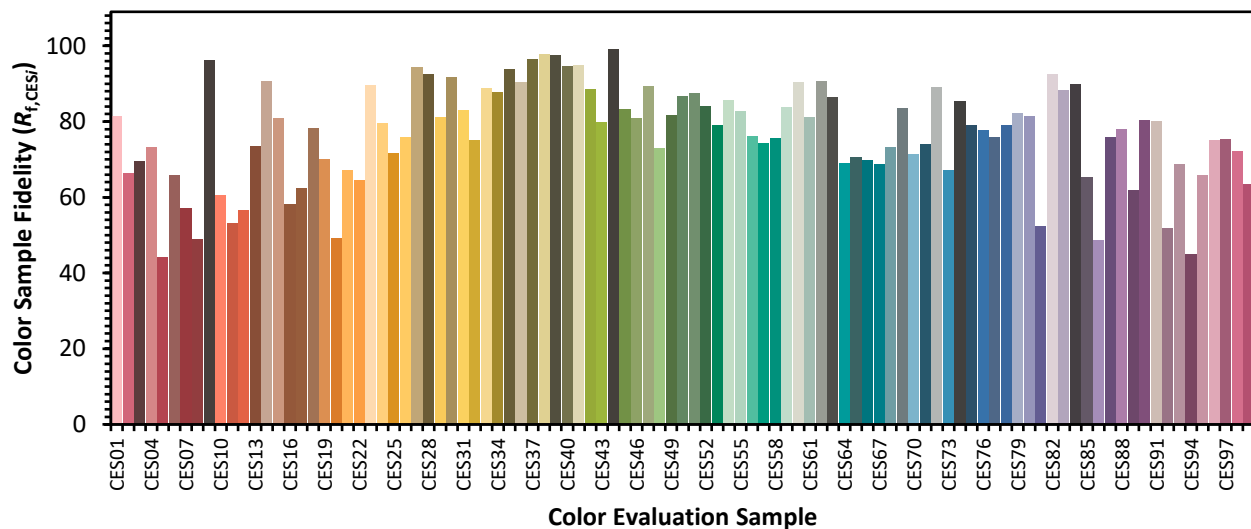


Color Vector Graphics



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

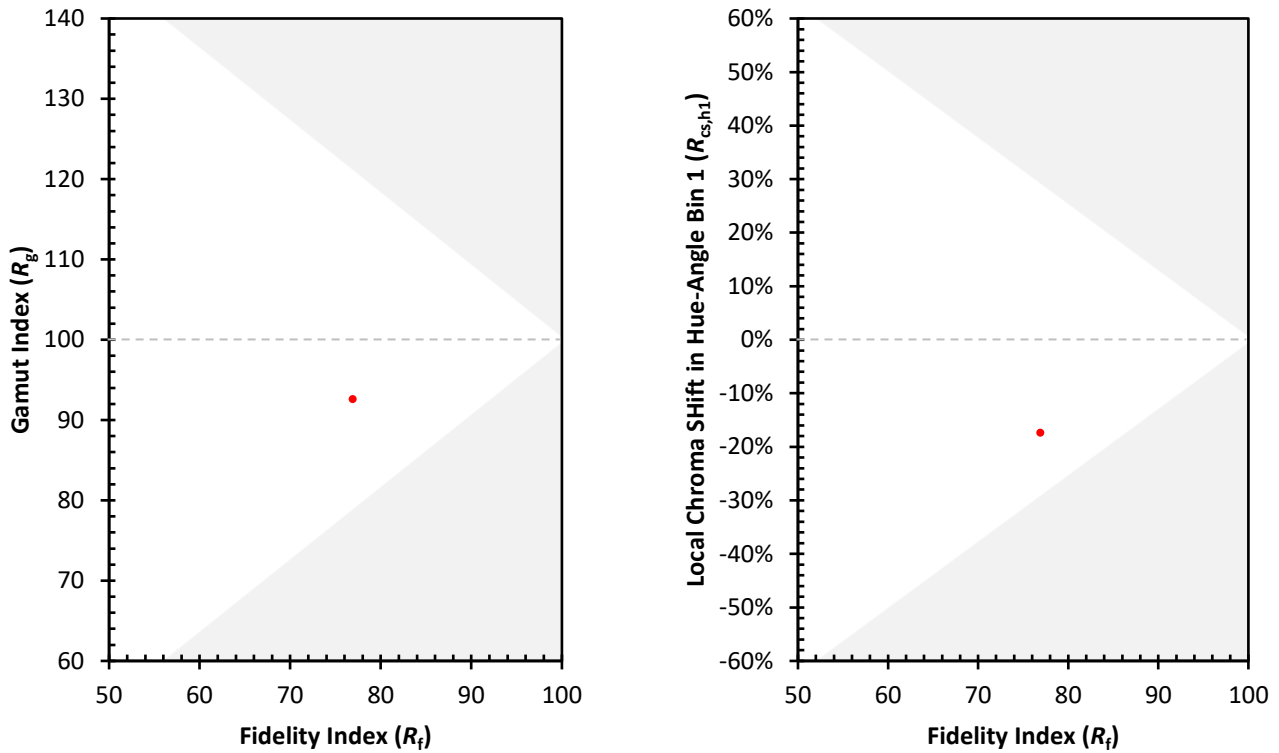
CES01 = 87	CES26 = 76	CES51 = 88	CES76 = 78
CES02 = 65	CES27 = 94	CES52 = 84	CES77 = 76
CES03 = 32	CES28 = 93	CES53 = 79	CES78 = 79
CES04 = 72	CES29 = 81	CES54 = 86	CES79 = 82
CES05 = 51	CES30 = 92	CES55 = 83	CES80 = 81
CES06 = 52	CES31 = 83	CES56 = 76	CES81 = 52
CES07 = 44	CES32 = 75	CES57 = 74	CES82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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)