

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: P972343

Luminaire Tested: **GKO-PB1D-722-U-T2U**

Issue Date: 02/27/2025

Test Information

Test Method: LM-79-08
Report Number: P972343
Test Lab: INNOVATION CENTER(G1)
Issue Date: 02/27/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1D-722-U-T2U
Description: GEKKO WALL PACK 3500LM 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: 3034.2 lumens
Efficiency: N/A
Efficacy: 118.5 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

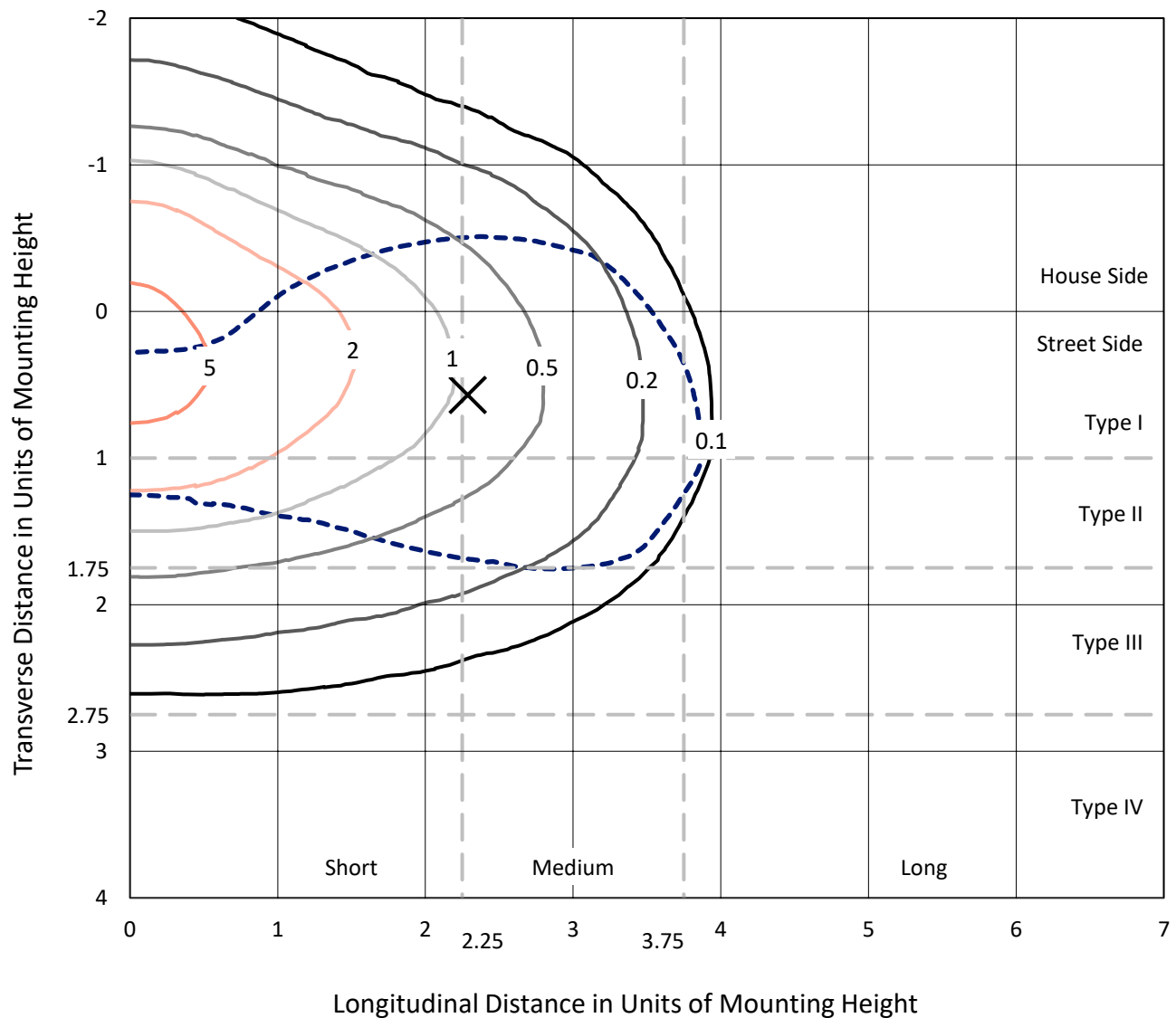
Input Watts (W): 25.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi):
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

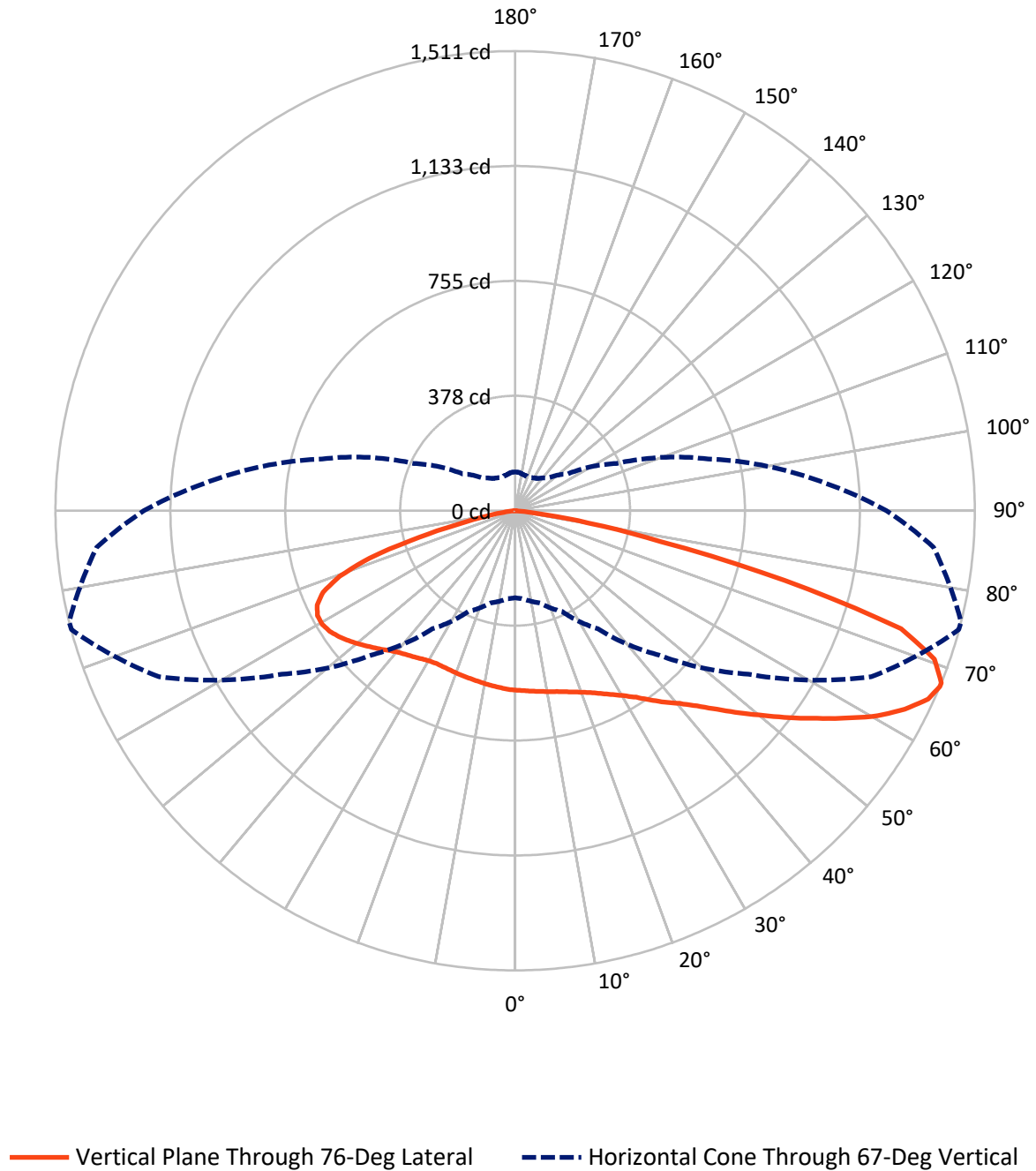


Based on 10 foot mounting height. Maximum calculated value = 6.7 fc
 Type II - Medium - N/A

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CATALOG NUMBER: GKO-PB1D-722-U-T2U

Luminous Intensity Polar Plot



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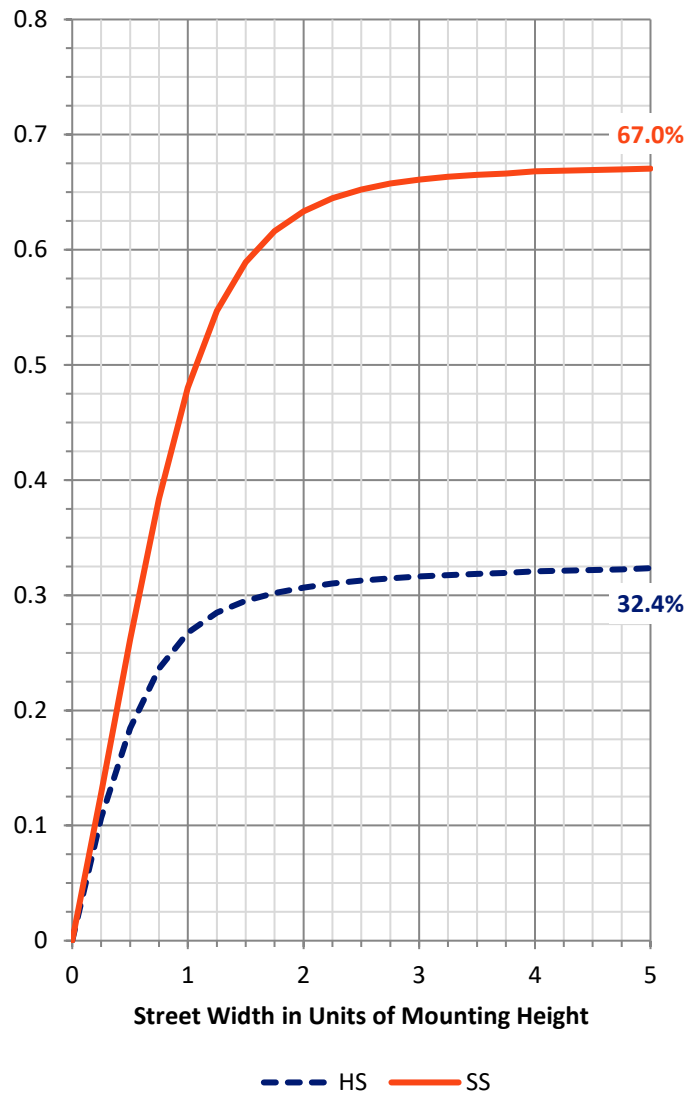
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1001.0	0.0	1001.0
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	2033.2	0.0	2033.2
	% Fixture	67.0	0.0	67.0
Total	Lumens	3034.2	0.0	3034.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.7	1.9
10°-20°	173.4	5.7
20°-30°	298.4	9.8
30°-40°	428.8	14.1
40°-50°	543.8	17.9
50°-60°	597.1	19.7
60°-70°	579.1	19.1
70°-80°	319.7	10.5
80°-90°	37.1	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°	3034.2	100.0
0°-180°	3034.2	100.0



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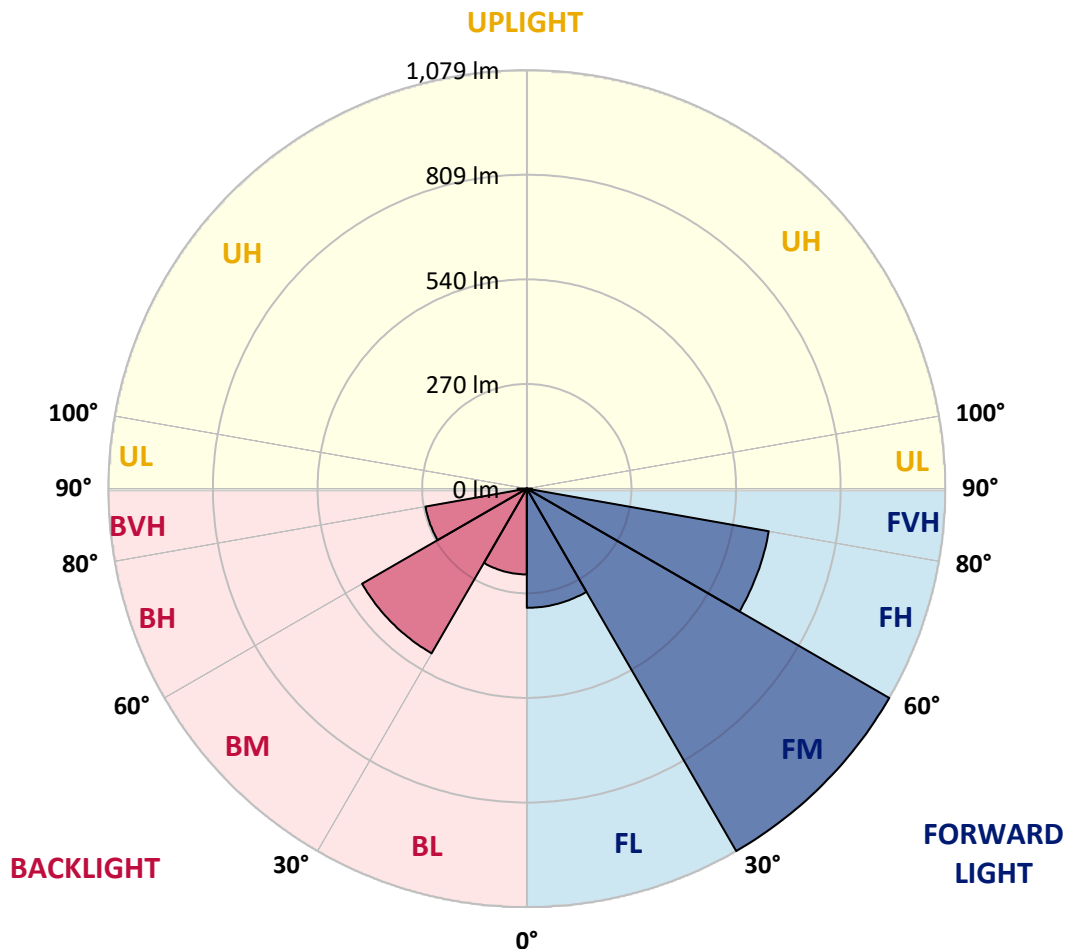
CATALOG NUMBER: GKO-PB1D-722-U-T2U

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	307.4	10.1			
FM	(30°-60°)	1079.2	35.6			
FH	(60°-80°)	633.5	20.9			G0/660
FVH	(80°-90°)	13.1	0.4			G1/100
BL	(0°-30°)	221.2	7.3	B1/500		
BM	(30°-60°)	490.5	16.2	B1/1000		
BH	(60°-80°)	265.3	8.7	B1/500		G1/500
BVH	(80°-90°)	24.0	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	589.8	589.8	589.8	589.8	589.8	589.8	589.8	589.8	589.8	589.8	589.8
2.5°	607.4	606.8	606.2	606.2	603.9	601.6	599.2	597.4	592.7	592.2	589.8
5°	625.6	625.6	623.9	623.3	619.7	613.9	608.6	603.3	596.9	595.7	590.4
7.5°	649.1	649.1	646.2	643.8	638.5	629.1	619.7	610.4	601.0	599.8	591.6
10°	679.0	679.0	676.7	671.4	660.2	647.9	632.7	618.0	605.7	604.5	592.7
12.5°	710.1	710.7	707.2	699.6	686.1	667.3	648.5	627.4	611.5	609.8	595.1
15°	741.8	742.4	740.1	731.8	713.6	690.8	665.5	640.3	619.2	617.4	598.6
17.5°	772.9	774.1	771.7	762.4	741.2	716.6	685.5	653.8	628.5	626.2	604.5
20°	802.3	802.3	802.3	791.7	771.2	743.0	707.2	670.2	639.1	636.8	611.5
22.5°	828.7	829.8	831.6	825.7	802.3	771.2	732.4	688.4	652.6	649.7	620.3
25°	855.1	855.7	860.4	856.3	833.4	801.1	759.4	711.3	669.0	666.1	630.9
27.5°	885.6	887.4	890.3	888.5	862.7	831.0	789.4	736.5	687.2	684.3	643.8
30°	921.4	921.4	923.2	920.2	894.4	862.7	819.3	762.9	710.1	705.4	659.7
32.5°	950.7	953.7	952.5	951.3	924.3	892.6	849.8	792.3	736.5	730.7	681.4
35°	978.3	978.9	978.3	979.5	952.5	922.6	882.1	826.3	765.9	763.5	708.9
37.5°	994.2	995.3	998.3	1001.8	977.7	949.6	914.4	863.9	802.3	798.2	741.8
40°	1001.8	1003.6	1019.4	1024.7	998.9	975.4	948.4	897.9	837.5	832.8	774.7
42.5°	1013.5	1027.6	1035.8	1037.0	1014.7	994.2	977.7	936.7	880.9	876.8	818.7
45°	974.8	969.5	991.2	1016.5	1015.3	1006.5	1005.9	980.1	934.3	930.2	868.6
47.5°	926.1	922.0	933.7	970.7	997.1	1011.8	1033.5	1031.1	998.9	993.0	926.7
50°	809.9	816.9	874.4	924.9	970.7	1013.5	1057.0	1084.6	1061.7	1057.0	988.3
52.5°	701.3	706.0	745.3	865.6	936.7	1008.3	1077.5	1140.9	1135.0	1129.7	1055.8
55°	625.0	629.7	692.5	769.4	886.2	981.3	1091.0	1194.3	1209.6	1204.3	1127.4
57.5°	545.2	552.8	595.7	663.2	818.7	936.7	1095.7	1248.3	1290.5	1285.9	1196.1
60°	468.3	478.9	504.1	577.5	735.4	883.8	1083.4	1291.7	1368.6	1368.6	1267.1
62.5°	397.3	403.2	429.6	495.9	629.7	816.3	1052.3	1319.3	1440.2	1437.3	1329.3
65°	338.6	341.6	362.7	419.6	541.1	741.8	998.3	1317.5	1491.3	1491.8	1370.4
67°	285.8	290.5	314.0	365.6	473.6	671.4	936.1	1291.1	1509.5	1510.6	1380.3
67.5°	267.6	272.9	298.7	352.1	459.5	652.0	921.4	1280.0	1508.3	1510.6	1377.4
70°	184.3	185.5	228.9	289.9	378.0	549.3	819.9	1202.5	1463.7	1461.9	1313.4
72.5°	117.4	115.6	157.3	211.9	304.0	444.9	691.9	1066.9	1328.1	1326.3	1157.9
75°	78.1	79.8	106.2	151.4	213.6	343.9	539.3	805.2	922.6	915.5	764.1
77.5°	55.8	54.6	65.7	109.2	143.2	208.9	292.9	428.4	490.0	490.0	419.6
80°	30.5	31.1	35.8	60.4	81.0	81.6	109.7	214.8	239.4	244.7	203.6
82.5°	8.8	9.4	12.9	20.5	22.3	24.6	38.1	61.6	64.6	68.1	55.2
85°	0.0	0.0	0.0	0.6	2.3	2.9	2.9	3.5	5.9	5.9	6.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.6	0.6	1.2	2.3	2.3	2.9
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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CATALOG NUMBER: GKO-PB1D-722-U-T2U

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	589.8	589.8	589.8	589.8	589.8	589.8	589.8	589.8	589.8	589.8	589.8
2.5°	589.2	589.8	587.5	584.5	582.2	581.0	577.5	574.6	576.3	578.1	578.1
5°	588.6	588.1	583.4	578.1	574.6	572.2	566.3	562.2	562.8	564.6	564.0
7.5°	588.6	586.3	579.8	572.2	566.3	561.6	554.0	549.3	548.7	549.9	548.7
10°	589.2	585.1	576.3	565.8	557.5	550.5	541.1	535.8	534.1	534.6	533.5
12.5°	590.4	583.9	572.8	559.3	548.7	539.3	528.8	522.3	521.1	522.3	522.3
15°	592.2	583.9	569.9	553.4	539.3	528.8	518.2	512.3	512.3	512.9	512.9
17.5°	595.7	585.7	567.5	547.0	530.0	518.2	508.8	504.7	505.3	507.1	507.1
20°	599.2	588.1	565.2	540.5	521.7	508.2	500.6	497.7	500.0	502.4	502.4
22.5°	604.5	591.0	562.8	534.6	512.3	498.8	492.4	490.0	492.4	495.3	494.2
25°	612.7	596.3	561.1	529.4	503.5	488.9	482.4	480.1	481.2	483.6	483.6
27.5°	622.1	602.7	560.5	522.9	493.0	477.1	469.5	466.0	466.0	466.6	467.2
30°	637.9	613.9	562.8	518.2	483.6	464.8	454.8	449.5	449.0	451.3	451.3
32.5°	656.7	629.1	568.7	514.1	474.2	450.1	436.6	432.5	431.4	433.1	431.4
35°	677.8	646.2	576.3	513.5	464.8	434.3	419.0	414.3	410.8	409.6	408.5
37.5°	707.8	669.6	583.9	510.6	455.4	417.3	400.8	390.9	386.8	385.6	385.6
40°	737.1	692.5	593.3	505.9	444.3	400.3	376.8	365.6	363.9	363.9	363.9
42.5°	774.1	722.4	606.2	503.0	430.8	383.2	351.0	338.0	338.0	338.0	337.5
45°	819.9	761.8	622.7	501.8	417.9	362.7	323.4	306.4	305.8	305.2	304.6
47.5°	873.3	802.9	638.5	498.8	402.6	338.0	291.7	272.9	268.8	267.6	265.9
50°	928.4	847.5	655.5	494.7	384.4	309.3	261.7	240.0	231.2	228.3	229.5
52.5°	987.1	890.9	672.0	488.9	362.7	280.5	231.2	208.3	199.5	196.0	195.4
55°	1044.6	934.9	687.2	481.2	339.2	251.2	205.4	183.1	175.5	174.3	174.3
57.5°	1102.7	977.2	699.0	470.1	313.4	225.4	183.1	164.9	159.6	162.0	162.0
60°	1155.6	1014.1	704.8	454.8	287.6	201.9	165.5	152.0	149.7	155.5	154.9
62.5°	1203.1	1038.8	701.9	432.5	262.3	181.9	152.0	142.0	142.6	149.7	150.2
65°	1226.0	1042.9	684.9	402.0	234.2	164.9	137.9	128.5	129.7	137.3	139.1
67°	1220.7	1027.0	656.7	367.4	211.3	152.0	129.1	119.7	120.3	126.8	127.4
67.5°	1214.8	1019.4	649.1	356.8	205.4	149.7	126.8	118.0	119.1	125.0	125.0
70°	1136.8	941.9	578.7	302.8	177.8	133.2	115.6	109.7	110.9	114.4	114.4
72.5°	993.6	815.8	468.3	243.0	150.8	118.0	104.5	100.9	100.9	100.9	98.0
75°	633.8	511.2	306.4	186.0	124.4	100.9	93.9	89.8	87.4	91.0	89.8
77.5°	350.4	267.0	159.6	106.8	89.8	83.9	81.6	79.8	79.2	87.4	85.1
80°	166.1	132.0	89.8	61.0	51.6	62.2	70.4	69.3	82.7	113.3	113.9
82.5°	52.8	43.4	36.4	33.5	34.6	44.6	54.6	62.8	107.4	121.5	119.7
85°	6.5	5.9	4.1	13.5	22.9	32.9	42.3	81.6	98.6	82.2	77.5
87.5°	2.3	2.3	2.3	9.4	17.6	25.2	38.1	82.2	60.4	55.2	50.5
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

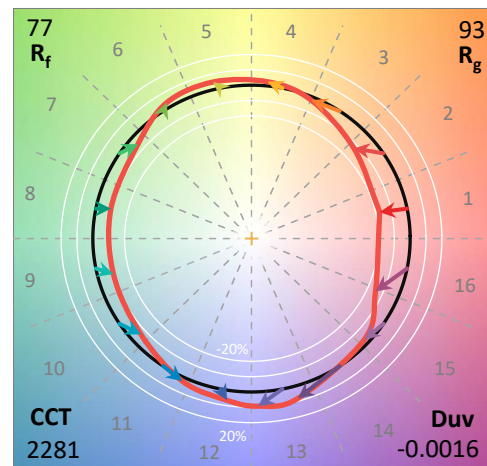
Data in this report applies to families of products including GKO-PB1E-722-U-T4W

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

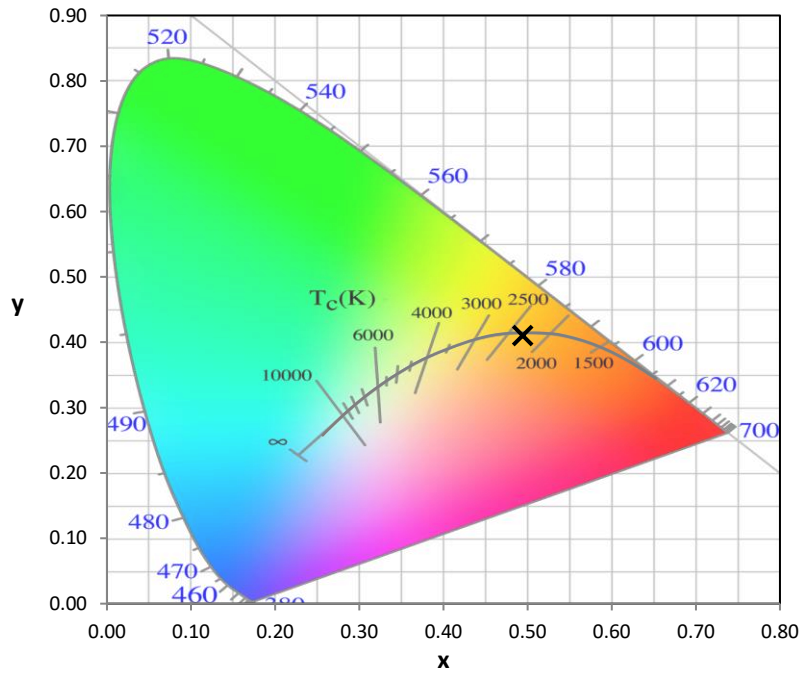
Stabilization Time: 40M
 Operation Time: 1H 40M
 Sphere Temperature (°C): 25.0

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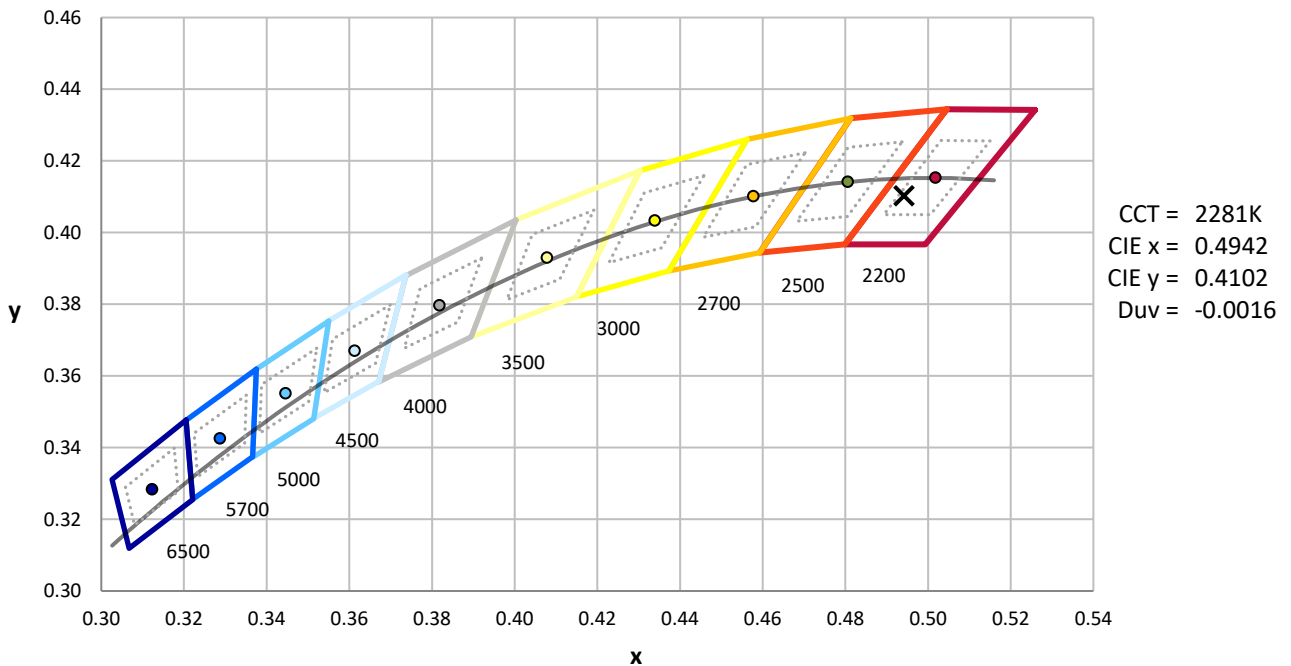
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

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CIE 1931 Chromaticity Diagram



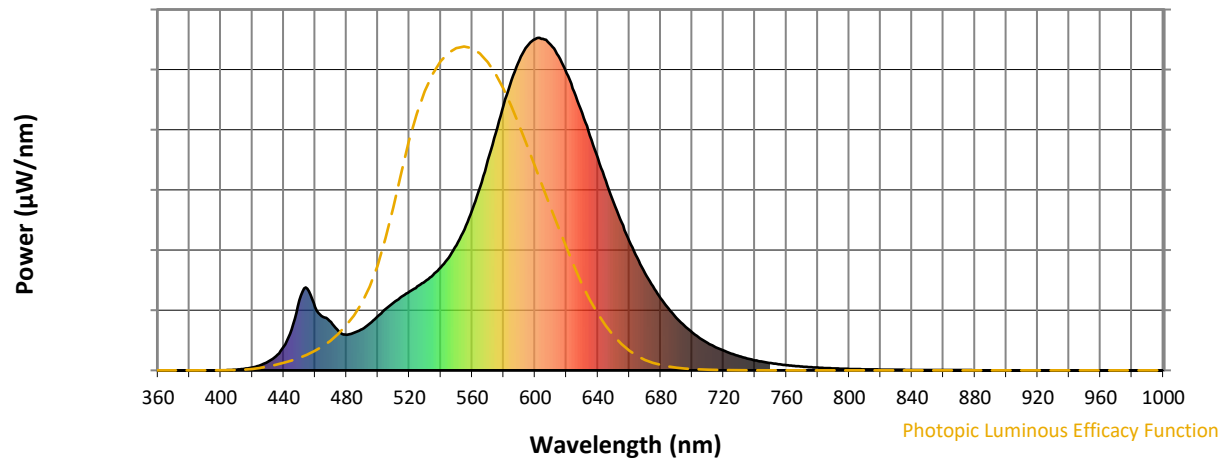
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2200K 4-step quadrangle

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Photopic Flux vs. Wavelength

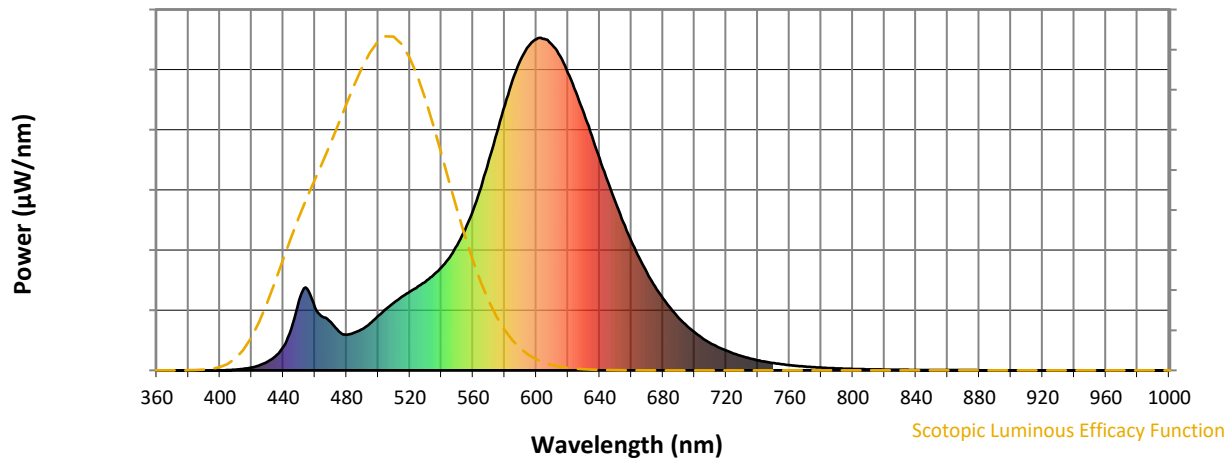


Photopic Lumens: NR

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



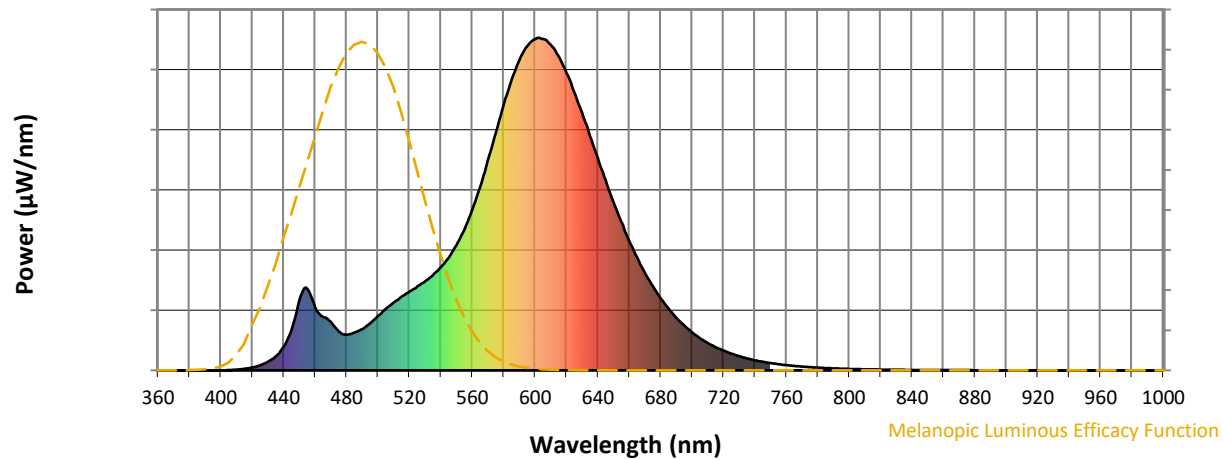
Scotopic Lumens: NR

S/P: 0.98

λ (nm)	Power 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

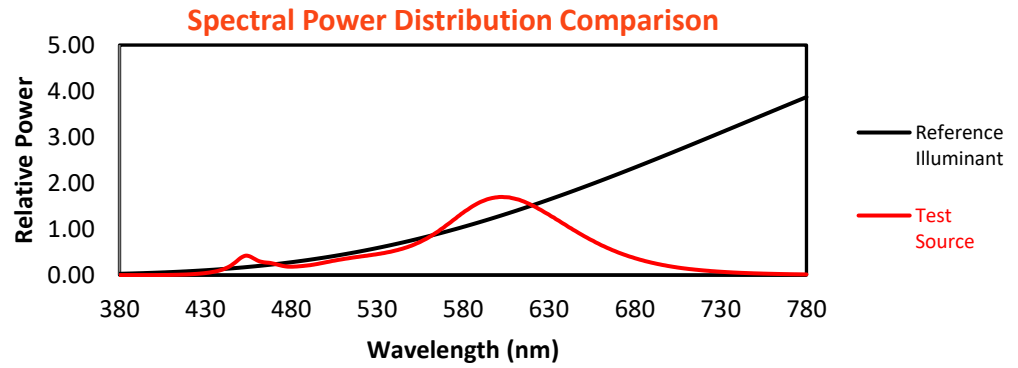
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	124	NR	620	894	NR	750	22	NR	880	0	NR
365	0	NR	495	141	NR	625	837	NR	755	19	NR	885	0	NR
370	0	NR	500	163	NR	630	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			

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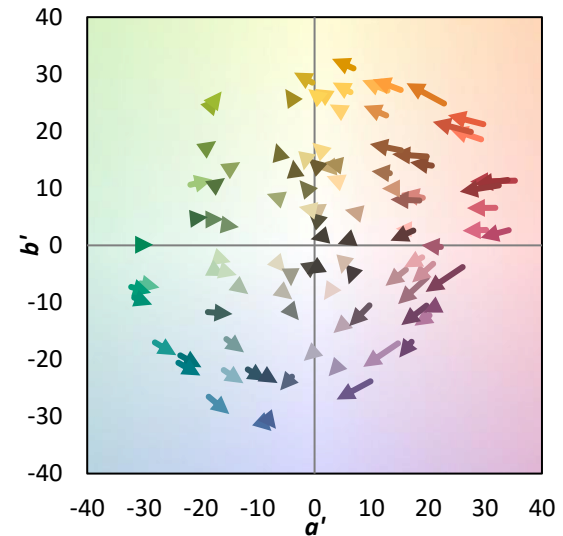
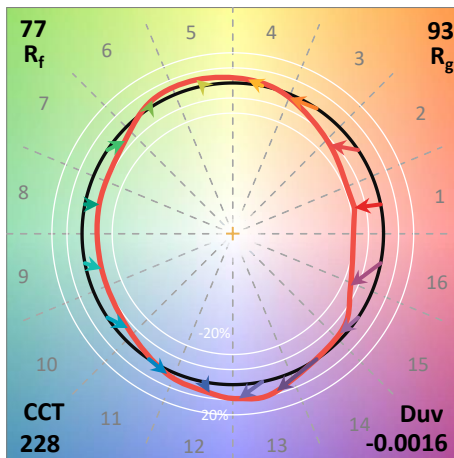
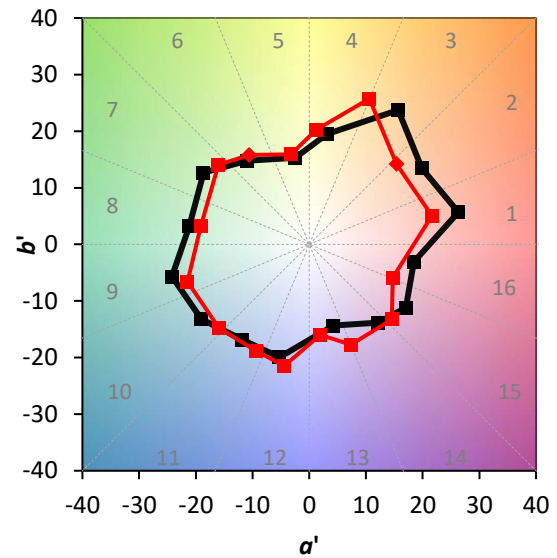
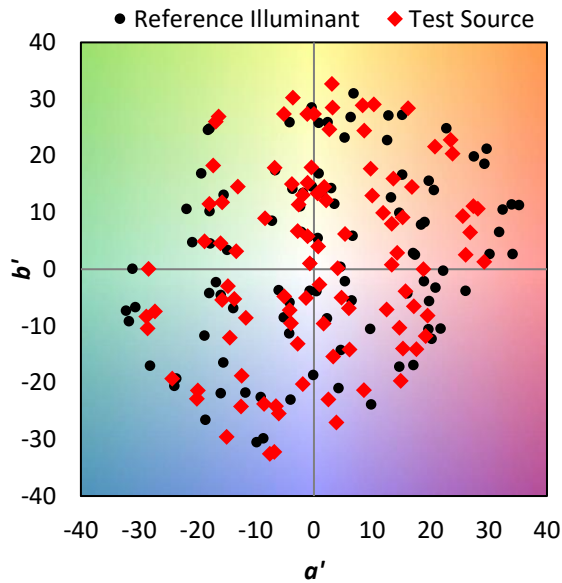
TM-30-18

Summary

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

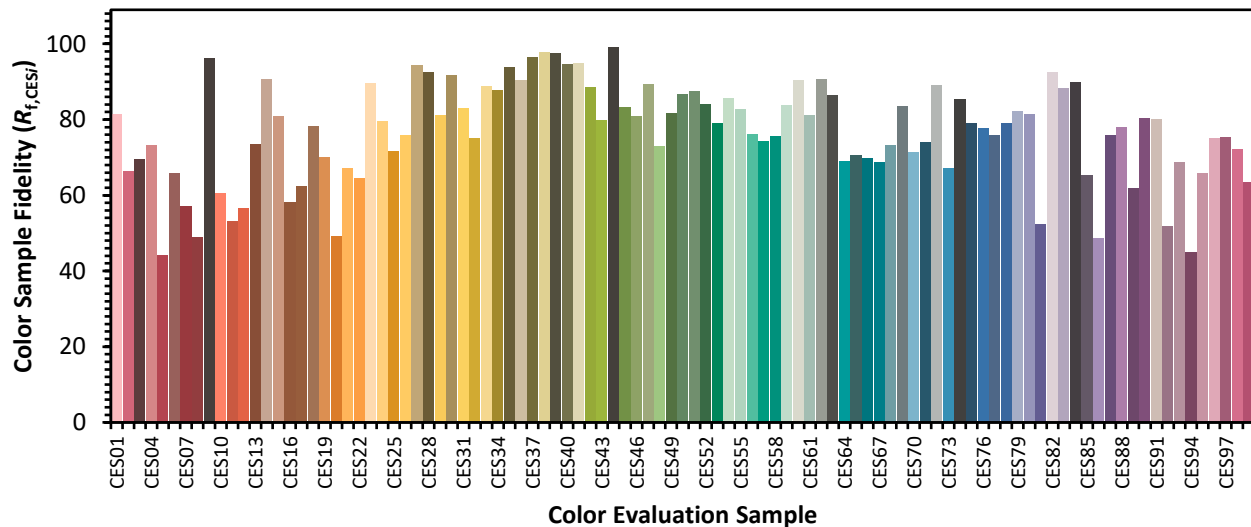


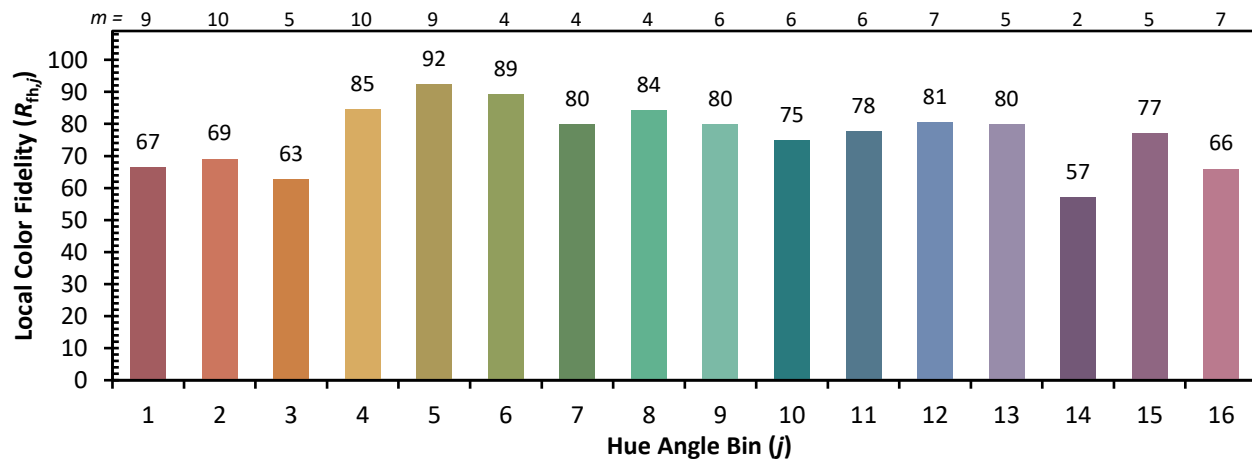
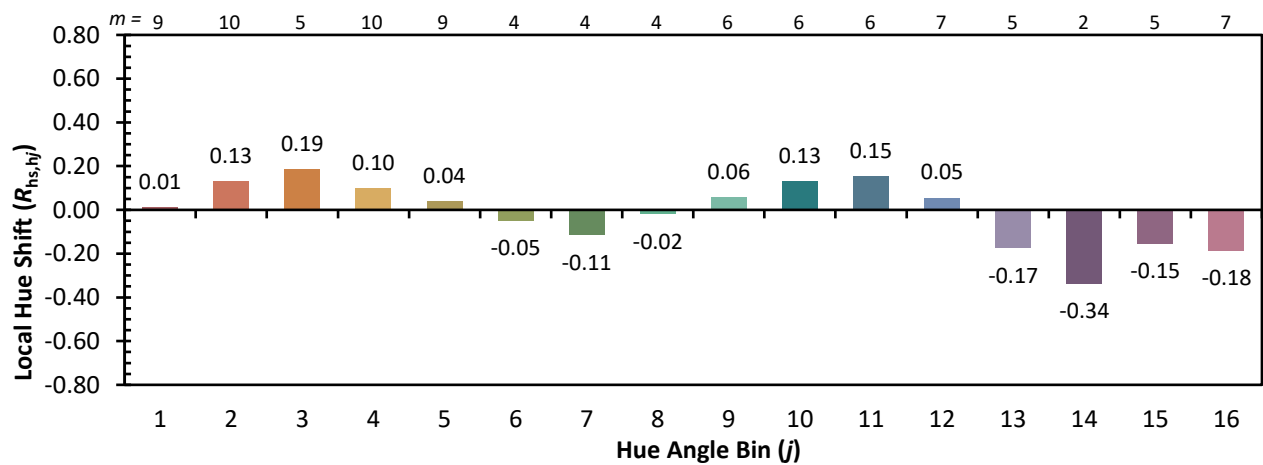
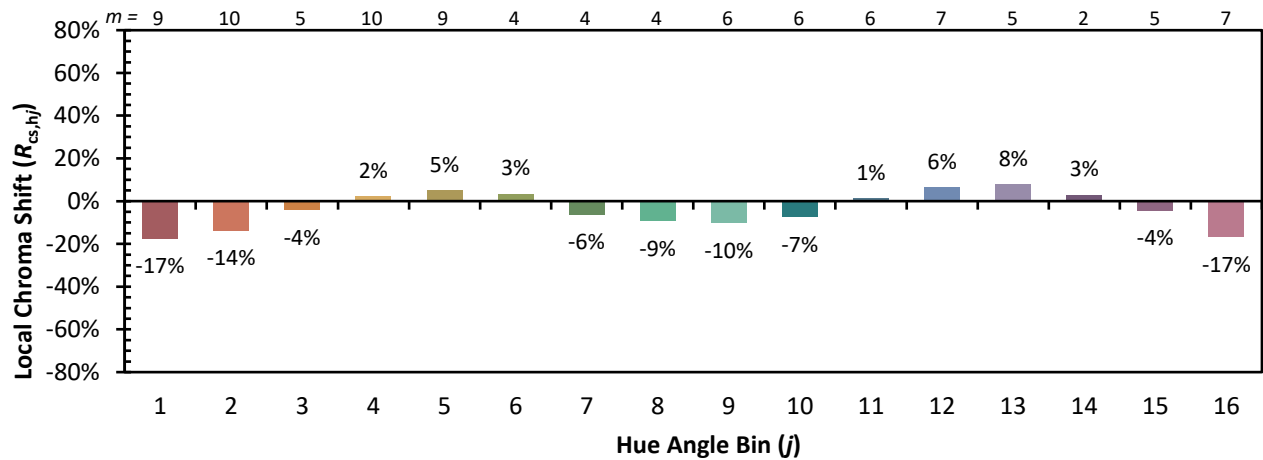
Color Vector Graphics



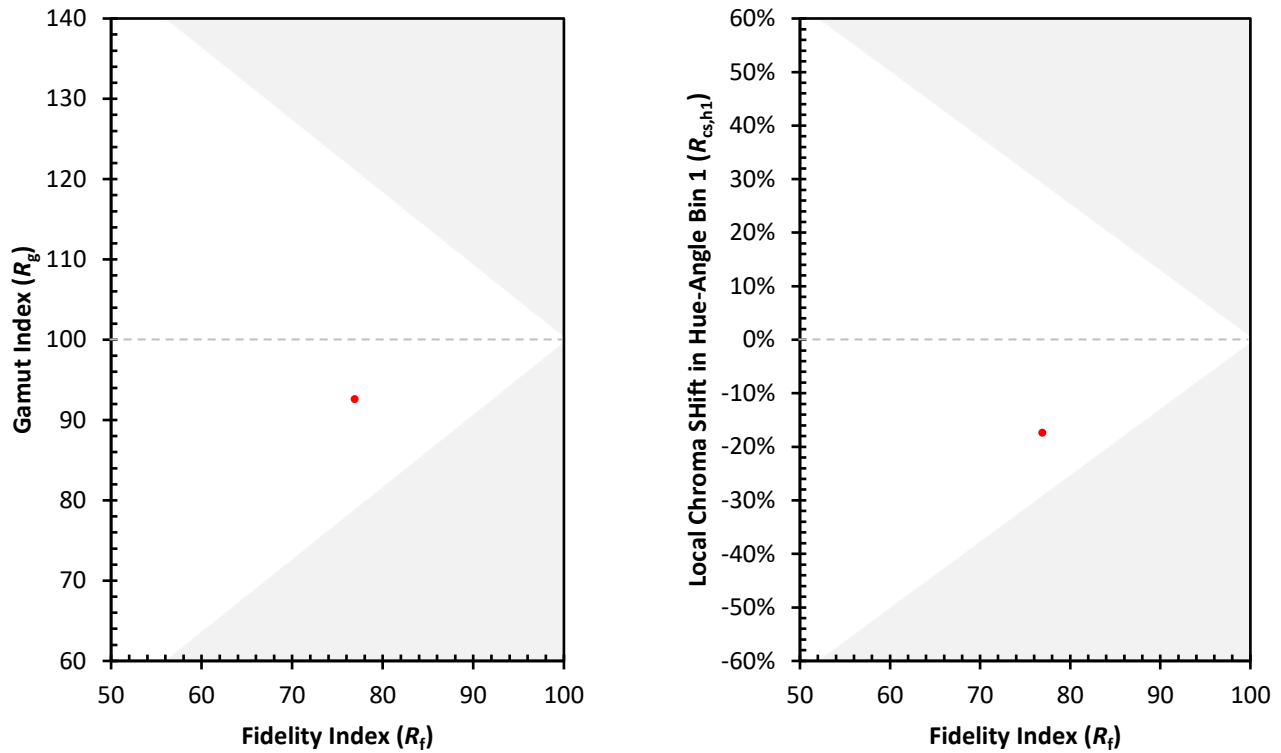
Individual Sample Fidelity Index ($R_{f,i}$)

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)