

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: P972243

Luminaire Tested: **GKO-PB1D-722-U-T3**

Issue Date: 02/27/2025



Test Information

Test Method: LM-79-08
Report Number: P972243
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-T3
Description: GEKKO WALL PACK 3500LM PACKAGE 70CRI 2200K FIXTURE w/ TYPE III
DISTRIBUTION OPTIC
Light Source: (10) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3022.7 lumens
Efficiency: N/A
Efficacy: 118.1 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G1

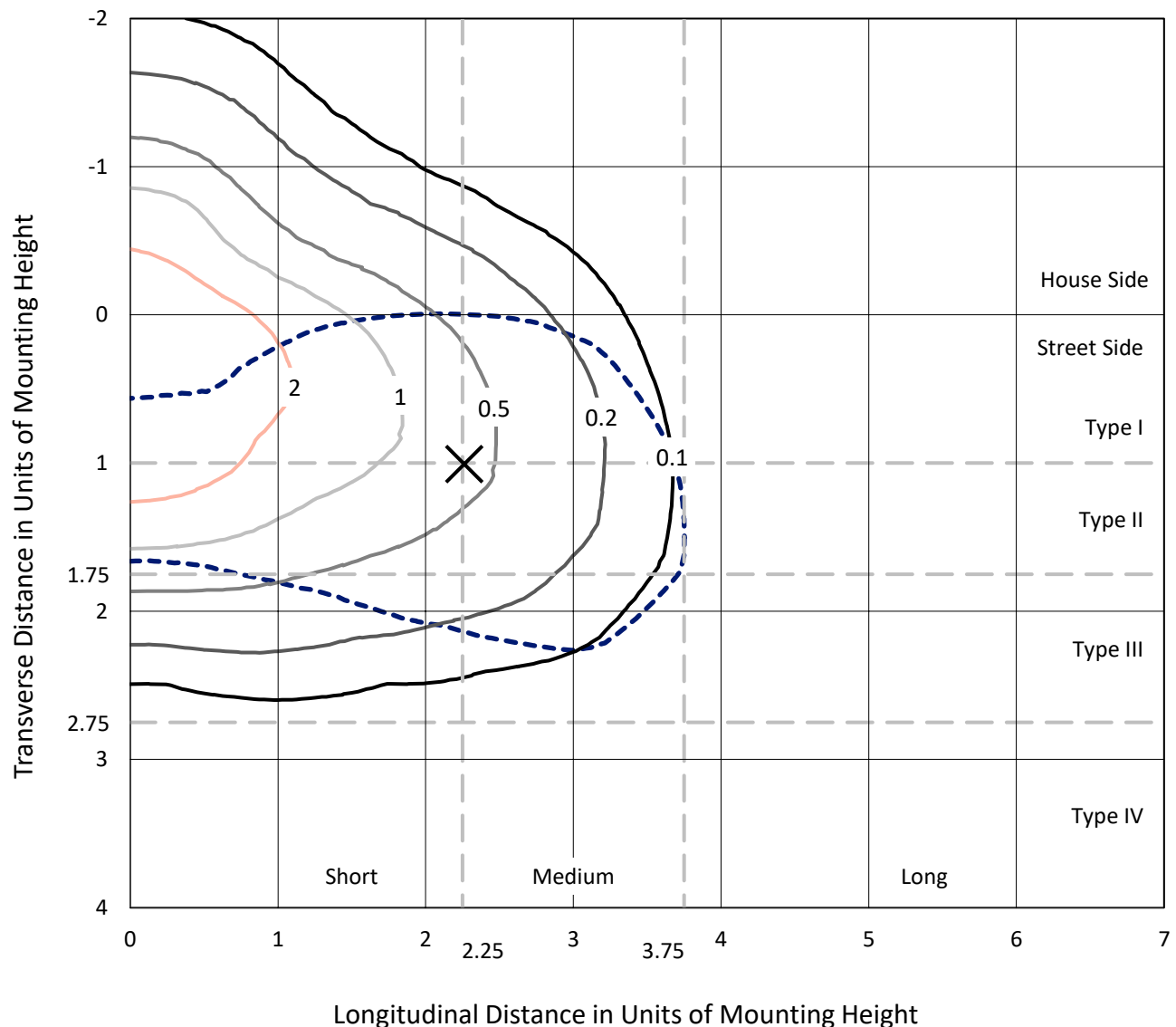
Input Watts (W): 25.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi):
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

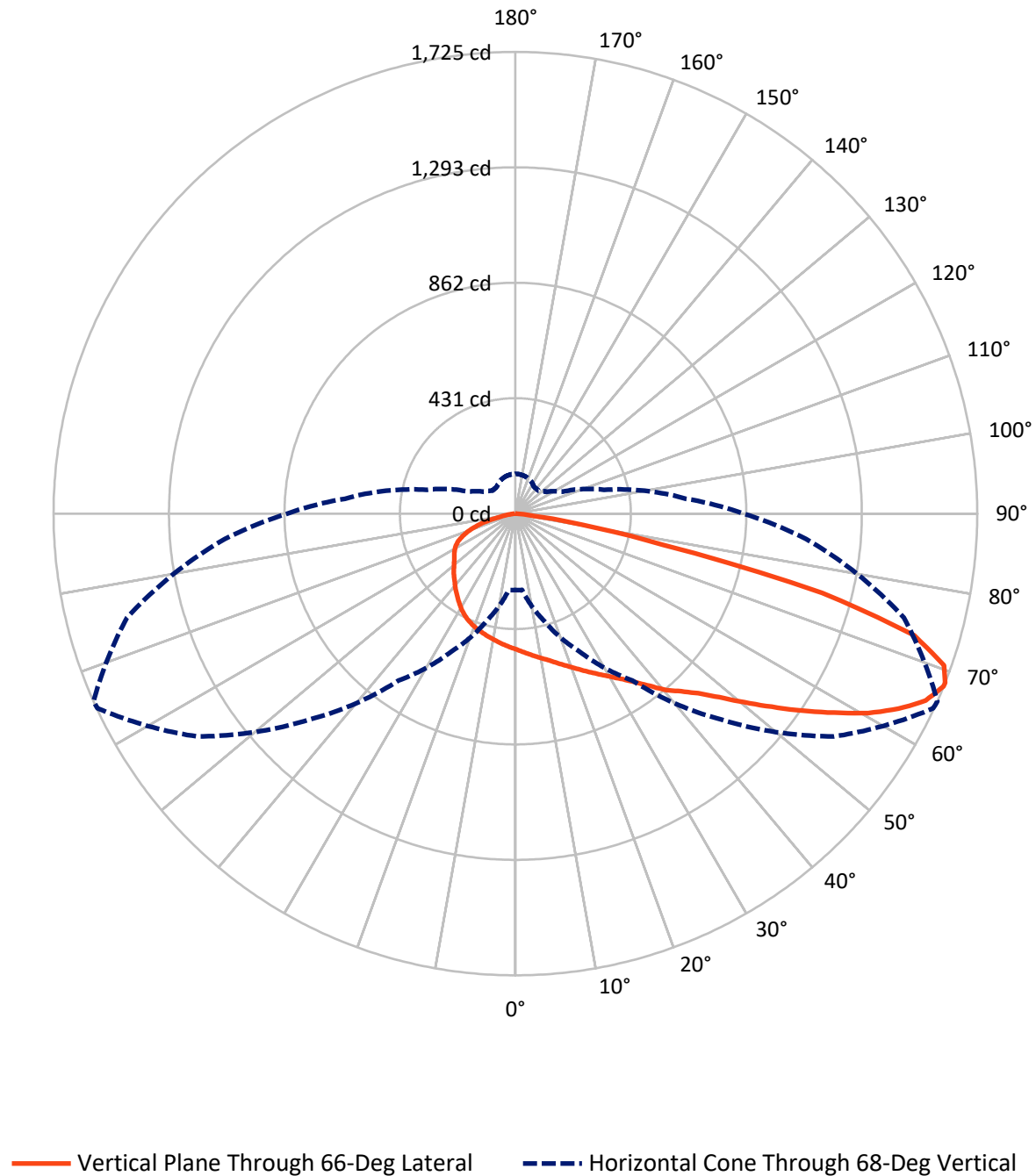
× Max cd
 - - - 1/2 Max cd



Based on 12 foot mounting height. Maximum calculated value = 4.1 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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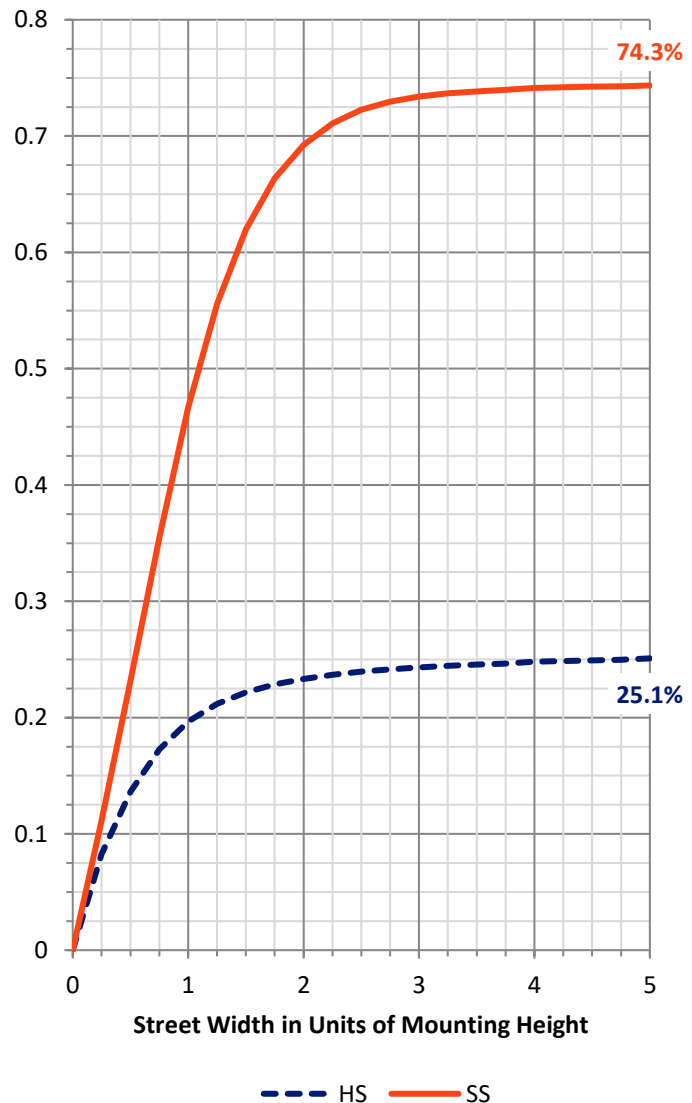
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	773.8	0.0	773.8
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	2248.8	0.0	2248.8
	% Fixture	74.4	0.0	74.4
Total	Lumens	3022.7	0.0	3022.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.6	1.6
10°-20°	146.2	4.8
20°-30°	251.9	8.3
30°-40°	390.8	12.9
40°-50°	535.3	17.7
50°-60°	638.6	21.1
60°-70°	639.9	21.2
70°-80°	338.6	11.2
80°-90°	32.7	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°	3022.7	100.0
0°-180°	3022.7	100.0



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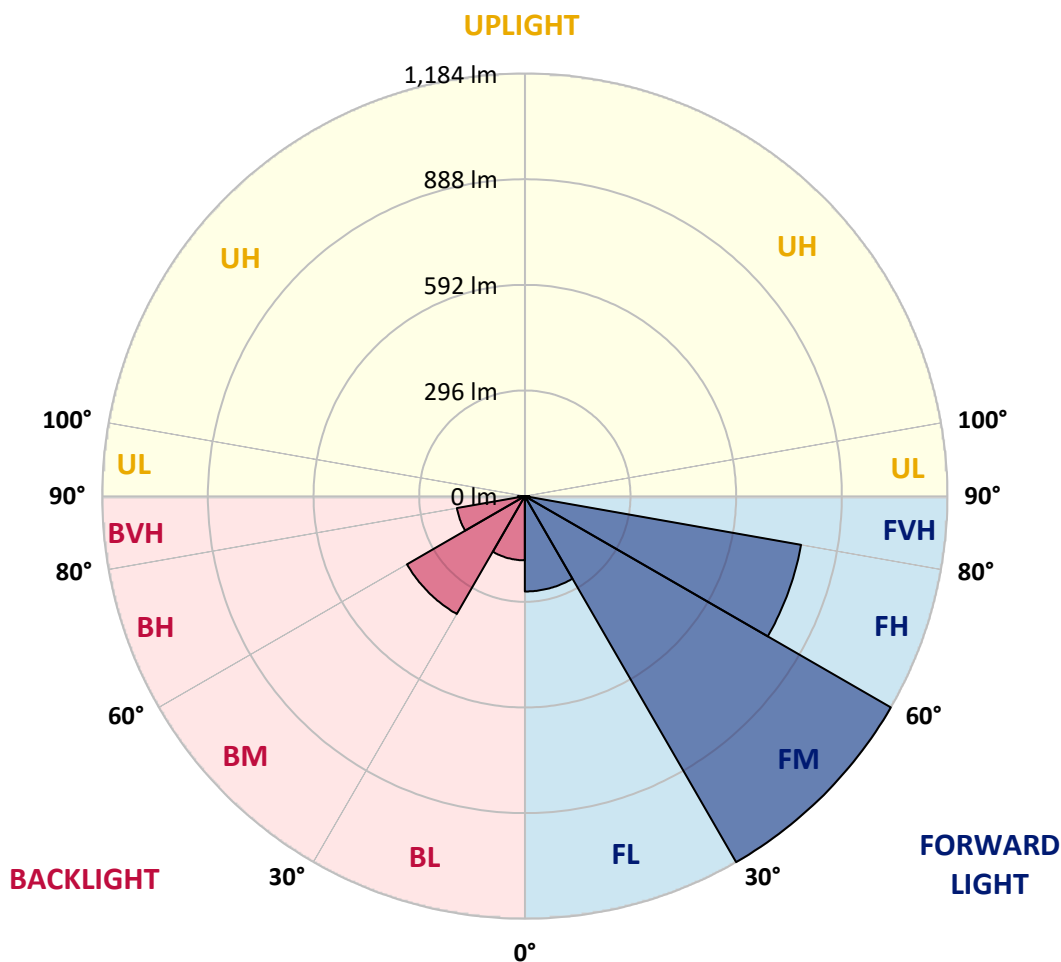
CATALOG NUMBER: GKO-PB1D-722-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	267.0	8.8			
FM	(30°-60°)	1183.5	39.2			
FH	(60°-80°)	785.5	26.0			G1/1800
FVH	(80°-90°)	12.8	0.4			G1/100
BL	(0°-30°)	179.7	5.9	B1/500		
BM	(30°-60°)	381.2	12.6	B1/1000		
BH	(60°-80°)	193.1	6.4	B1/500		G1/500
BVH	(80°-90°)	19.8	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	507.0	507.0	507.0	507.0	507.0	507.0	507.0	507.0	507.0	507.0	507.0
2.5°	528.1	528.1	526.9	526.3	525.7	522.2	519.9	516.9	516.9	512.2	508.1
5°	546.3	546.9	544.5	544.5	542.2	537.5	532.8	526.9	526.9	519.9	511.7
7.5°	562.1	563.9	561.5	561.5	559.2	553.9	546.3	538.1	538.1	528.1	516.4
10°	577.4	578.6	577.4	578.6	575.0	570.3	561.5	550.4	549.8	537.5	521.0
12.5°	589.7	590.9	591.5	593.2	590.3	586.8	578.6	564.5	562.7	548.0	526.9
15°	601.4	602.6	604.4	606.7	606.1	603.2	595.6	579.7	578.6	559.8	534.5
17.5°	610.8	611.4	614.9	619.6	620.8	621.4	613.2	596.7	595.6	573.3	542.8
20°	624.3	625.5	629.0	633.7	637.2	639.6	633.1	614.9	613.8	589.1	553.3
22.5°	654.8	653.1	654.8	654.8	656.6	660.1	655.4	637.2	634.9	607.9	566.2
25°	712.3	710.6	705.9	695.3	683.6	683.0	677.7	660.1	657.2	627.3	578.6
27.5°	792.7	788.6	779.8	757.5	729.4	711.2	702.9	684.8	681.2	646.6	590.3
30°	877.8	882.5	867.8	837.3	785.7	747.0	731.1	710.6	707.6	668.3	604.4
32.5°	977.0	977.6	962.9	920.6	853.7	792.1	765.1	739.9	737.6	693.6	623.1
35°	1034.5	1036.8	1030.4	991.0	914.8	842.0	806.2	775.7	773.9	725.2	646.6
37.5°	1094.3	1099.6	1089.6	1046.2	961.1	888.4	852.0	818.5	816.8	761.6	676.0
40°	1182.9	1180.6	1170.0	1106.1	1004.5	927.1	897.2	870.8	866.7	806.2	705.9
42.5°	1246.9	1252.7	1229.9	1157.7	1052.1	965.8	942.3	912.4	907.1	833.2	723.5
45°	1268.6	1263.3	1238.1	1185.3	1114.3	1001.0	985.2	962.3	957.0	880.7	758.1
47.5°	1273.3	1263.9	1241.6	1201.7	1167.1	1046.8	1037.4	1032.1	1024.5	940.6	799.8
50°	1244.5	1238.1	1227.5	1207.6	1201.1	1089.6	1094.3	1113.7	1107.2	1005.1	846.1
52.5°	1179.4	1176.5	1185.9	1198.8	1181.7	1126.6	1161.8	1201.1	1198.8	1076.1	896.0
55°	1056.8	1056.8	1109.6	1154.8	1164.7	1150.7	1234.6	1302.0	1299.1	1155.9	943.5
57.5°	944.7	946.5	990.5	1092.0	1134.2	1176.5	1315.5	1407.7	1403.0	1245.7	993.4
60°	803.3	803.3	870.2	997.5	1090.2	1196.4	1387.1	1509.8	1512.7	1332.5	1042.7
62.5°	636.1	637.8	730.5	880.2	1026.8	1199.9	1444.0	1606.0	1605.4	1411.2	1080.8
65°	468.8	469.4	595.6	749.9	931.8	1175.3	1475.1	1679.9	1683.4	1473.4	1103.1
67.5°	304.5	310.4	438.3	608.5	797.4	1105.5	1458.7	1719.2	1723.3	1502.1	1096.1
68°	285.2	286.3	414.8	569.8	761.0	1087.9	1451.1	1721.0	1724.5	1501.5	1089.0
70°	184.8	184.8	296.9	444.8	607.3	978.1	1384.8	1693.4	1697.5	1475.7	1038.0
72.5°	99.8	101.5	169.6	269.3	414.8	756.9	1249.8	1549.7	1556.7	1334.3	907.7
75°	69.8	71.0	98.6	150.8	225.9	492.9	977.0	1184.1	1182.9	921.8	568.6
77.5°	50.5	50.5	56.3	93.9	118.5	225.3	483.5	570.3	563.9	450.1	286.9
80°	32.9	32.9	35.2	49.3	56.9	68.7	147.9	247.0	251.7	219.5	143.2
82.5°	13.5	14.1	15.3	20.0	20.5	28.8	42.2	71.0	68.7	55.7	40.5
85°	1.8	1.8	2.3	2.9	3.5	6.5	5.9	5.9	5.9	7.0	6.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.6	1.2	1.8	1.8	2.3	1.8
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-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	507.0	507.0	507.0	507.0	507.0	507.0	507.0	507.0	507.0	507.0	507.0
2.5°	507.0	507.0	503.4	499.9	496.4	493.5	489.4	486.4	487.0	488.8	488.2
5°	509.9	507.0	499.9	492.3	486.4	481.1	473.5	469.4	468.8	470.0	469.4
7.5°	511.7	507.0	496.4	484.7	475.3	468.2	457.7	453.6	451.8	452.4	452.4
10°	515.2	507.6	492.9	476.5	464.7	454.7	443.6	437.7	436.0	436.0	435.4
12.5°	519.3	508.7	489.4	469.4	454.2	442.4	429.5	423.1	421.3	421.3	420.7
15°	523.4	510.5	485.8	461.8	444.2	430.1	417.8	410.2	407.8	407.8	409.0
17.5°	528.7	512.2	482.3	454.7	433.6	417.8	404.9	397.2	394.3	396.1	397.2
20°	534.0	515.8	478.8	447.1	423.1	406.6	393.7	386.1	383.2	386.1	386.7
22.5°	541.6	518.7	474.7	438.3	412.5	394.3	382.6	375.5	373.8	376.7	379.1
25°	549.2	522.2	469.4	428.9	399.0	381.4	372.0	366.7	367.3	371.4	373.8
27.5°	557.4	525.2	464.1	417.2	384.3	367.9	360.9	359.7	362.0	366.7	369.7
30°	567.4	529.3	457.1	403.7	367.9	353.2	350.3	353.8	357.9	362.6	365.6
32.5°	580.3	534.5	450.1	388.4	350.9	337.4	342.1	349.7	354.4	359.1	362.0
35°	598.5	545.1	445.9	373.2	332.7	323.9	334.5	346.8	350.3	353.2	356.8
37.5°	619.6	559.2	444.2	359.1	316.3	312.2	326.8	341.5	342.7	343.8	347.4
40°	640.2	569.8	439.5	343.8	299.3	299.3	317.4	331.5	330.9	329.2	331.5
42.5°	648.4	568.6	426.0	329.2	285.8	286.3	302.8	316.3	312.7	312.7	316.3
45°	671.8	578.0	416.0	317.4	273.4	271.1	284.0	294.6	300.4	308.1	311.6
47.5°	701.8	590.9	408.4	303.9	261.7	254.1	261.1	278.7	288.7	296.9	299.8
50°	732.9	605.5	401.3	289.9	250.0	234.7	238.2	257.6	266.4	270.5	272.3
52.5°	764.6	619.0	396.1	278.1	236.5	211.8	219.5	237.6	244.1	246.4	247.6
55°	792.7	630.2	391.4	268.2	221.2	193.6	199.5	218.3	223.0	225.3	227.1
57.5°	822.6	642.5	388.4	258.8	204.2	177.8	181.9	198.9	205.4	207.7	209.5
60°	849.1	654.2	386.1	248.8	188.4	163.7	166.1	182.5	189.5	190.7	192.5
62.5°	866.7	661.9	382.6	236.5	173.7	150.2	150.8	166.6	174.3	175.4	176.6
65°	871.3	660.1	372.0	220.0	159.0	136.7	136.7	152.0	160.2	164.3	166.1
67.5°	857.3	645.4	349.7	198.9	144.9	124.4	124.4	137.9	146.7	151.4	153.1
68°	852.6	639.0	342.7	193.6	141.4	121.5	121.5	135.5	143.8	147.9	149.0
70°	812.7	607.3	310.4	173.7	130.3	112.7	112.7	125.0	133.8	133.8	133.2
72.5°	705.9	526.3	255.2	145.5	113.8	99.8	101.5	113.2	116.2	119.1	118.5
75°	437.1	315.1	171.3	115.0	95.6	87.4	90.9	101.5	103.3	109.7	108.0
77.5°	218.9	154.3	90.9	66.9	73.9	75.1	81.6	89.2	94.5	101.5	96.8
80°	108.0	75.1	53.4	41.7	43.4	55.2	71.0	76.9	86.3	90.9	86.8
82.5°	29.9	22.9	21.7	22.9	32.3	42.8	55.7	68.1	80.4	84.5	78.6
85°	5.3	4.1	3.5	11.1	22.3	31.7	45.2	60.4	72.2	69.2	65.1
87.5°	1.8	1.2	1.2	7.0	16.4	25.8	38.7	54.0	61.6	55.7	49.9
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

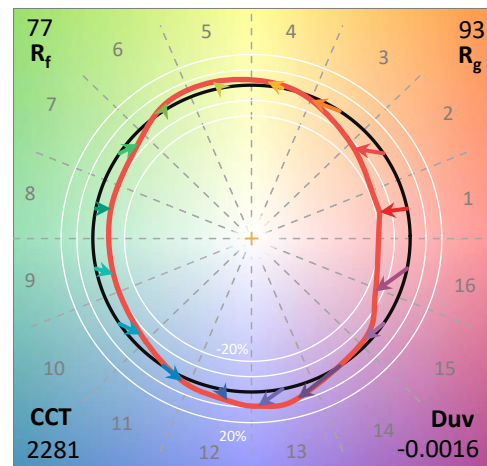
Data in this report applies to families of products including GKO-PB1E-722-U-T4W

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

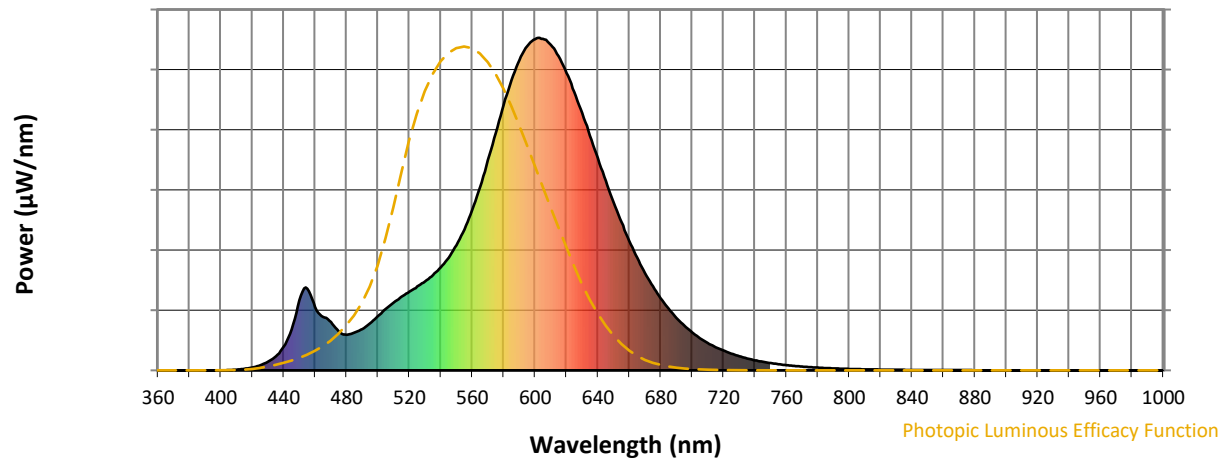
Stabilization Time: 40M
 Operation Time: 1H 40M
 Sphere Temperature (°C): 25.0

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

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Photopic Flux vs. Wavelength

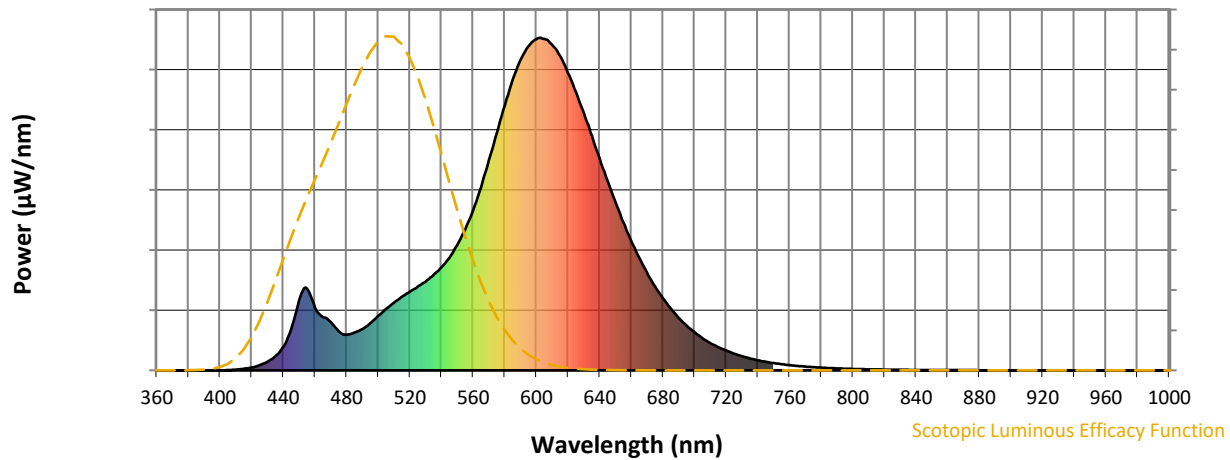


Photopic Lumens: NR

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



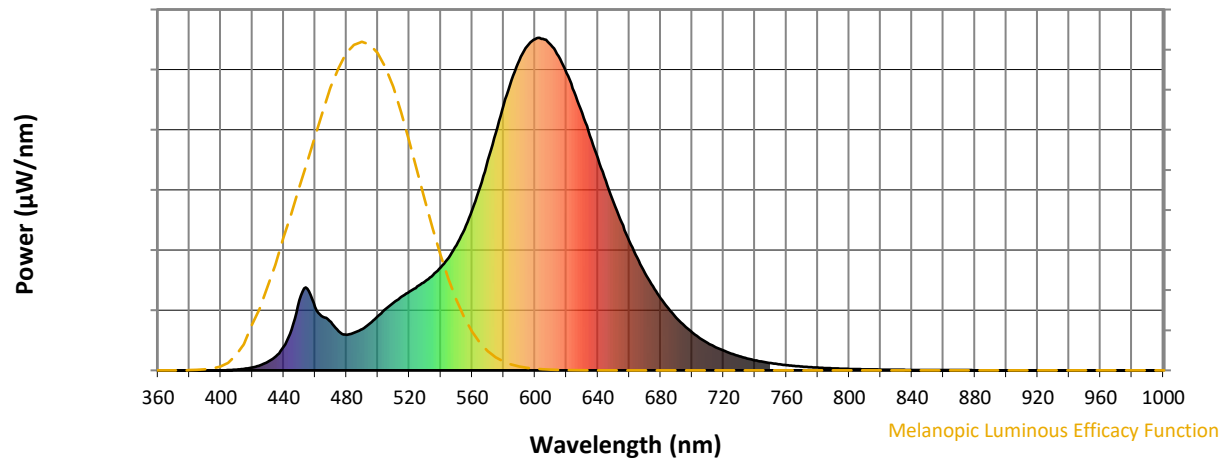
Scotopic Lumens: NR

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

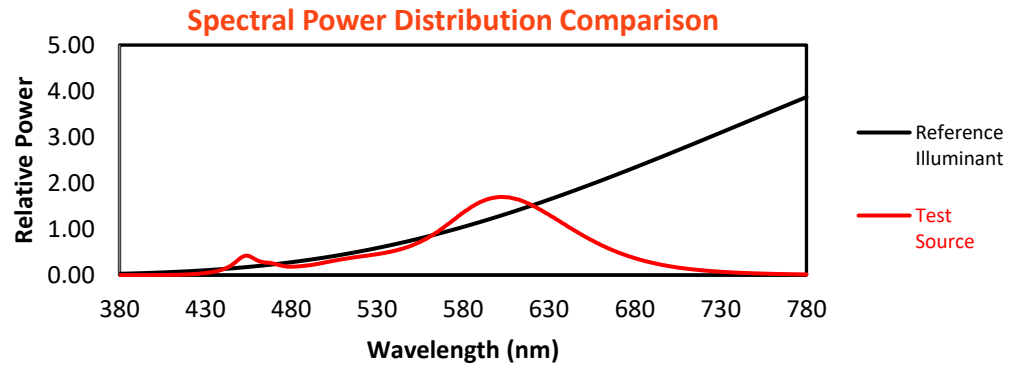
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	124	NR	620	894	NR	750	22	NR	880	0	NR
365	0	NR	495	141	NR	625	837	NR	755	19	NR	885	0	NR
370	0	NR	500	163	NR	630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

REPORT NUMBER: SP2-2501-321-2

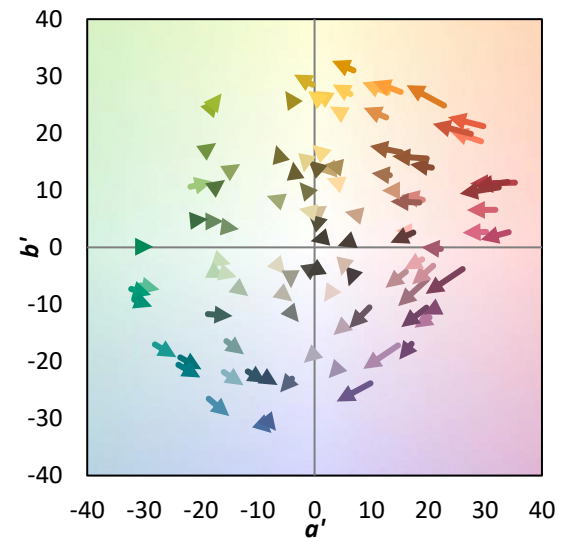
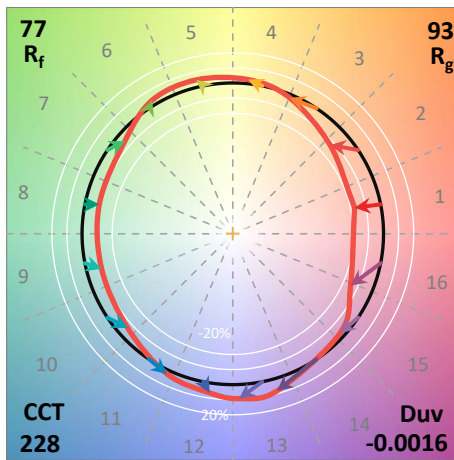
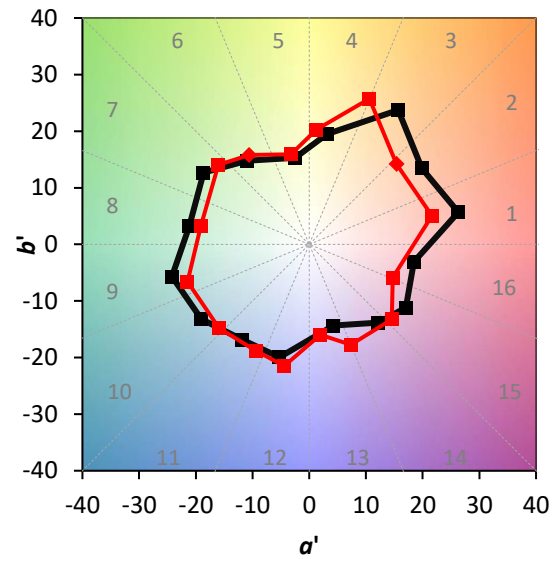
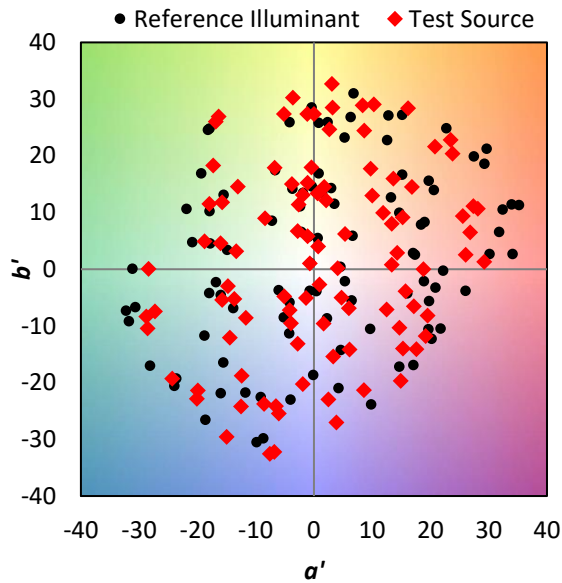
TM-30-18

Summary

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

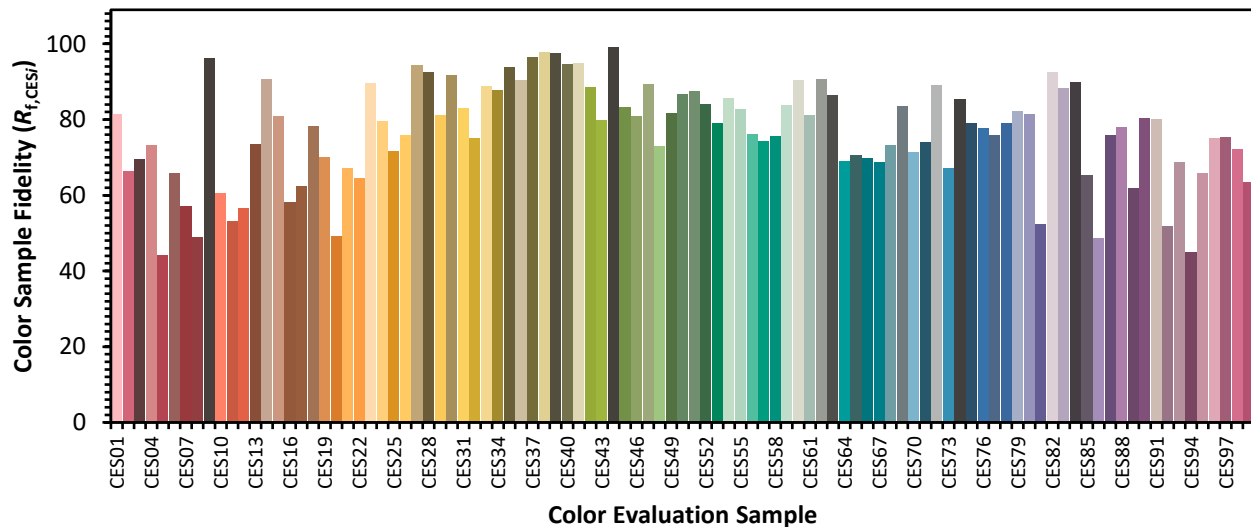


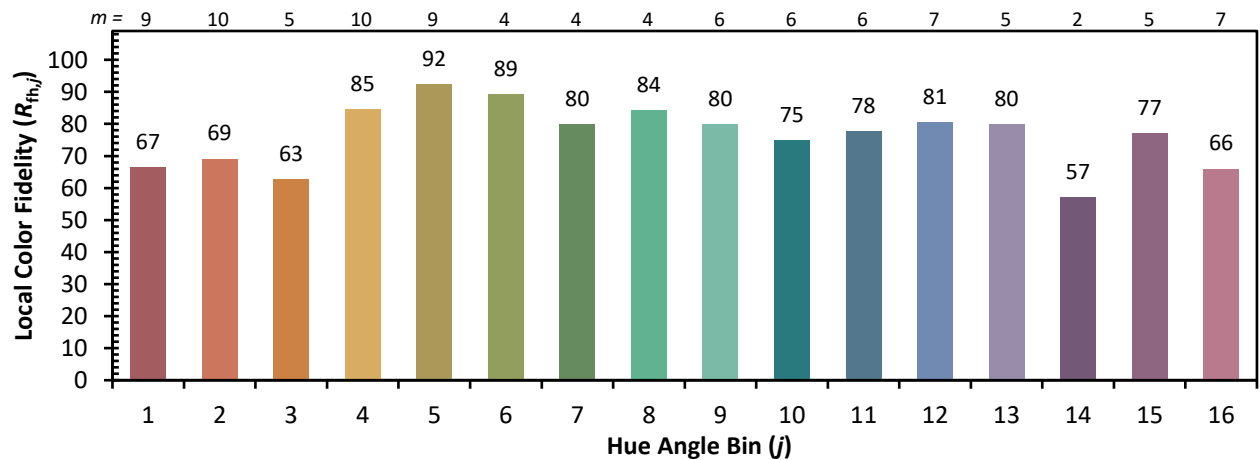
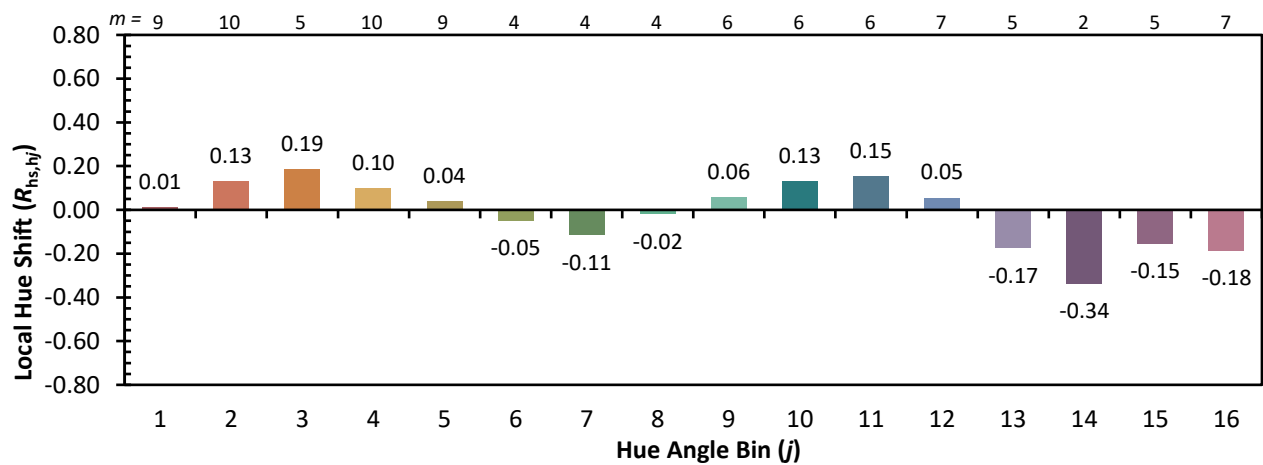
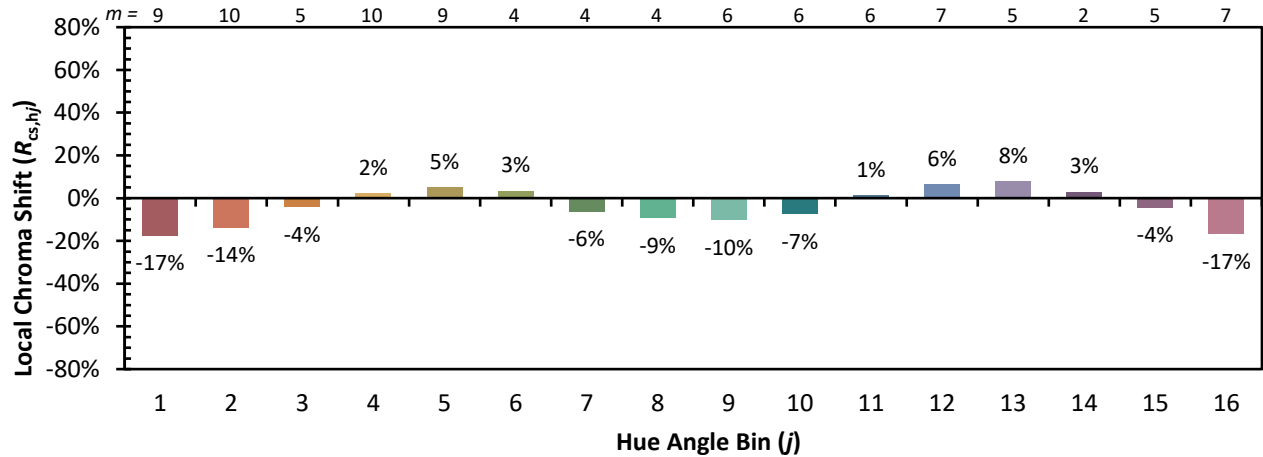
Color Vector Graphics



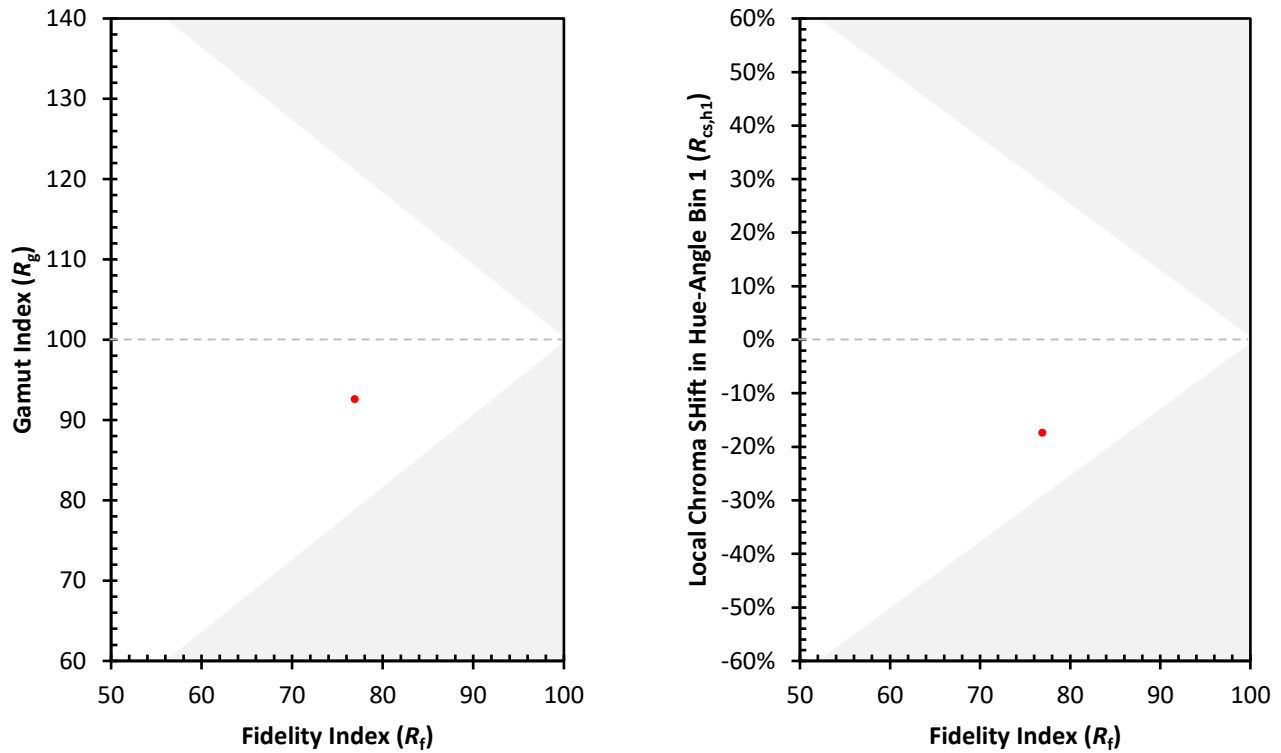
Individual Sample Fidelity Index ($R_{f,i}$)

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)