

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: P972275

Luminaire Tested: **GKO-PB1B-740-U-T3**

Issue Date: 02/27/2025



Test Information

Test Method: LM-79-08
Report Number: P972275
Test Lab: INNOVATION CENTER(G1)
Issue Date: 02/27/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1B-740-U-T3
Description: GEKKO WALL PACK 1500LM PACKAGE 70CRI 4000K FIXTURE w/ TYPE III
DISTRIBUTION OPTIC
Light Source: (10) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1495.1 lumens
Efficiency: N/A
Efficacy: 160.8 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B0 - U0 - G0

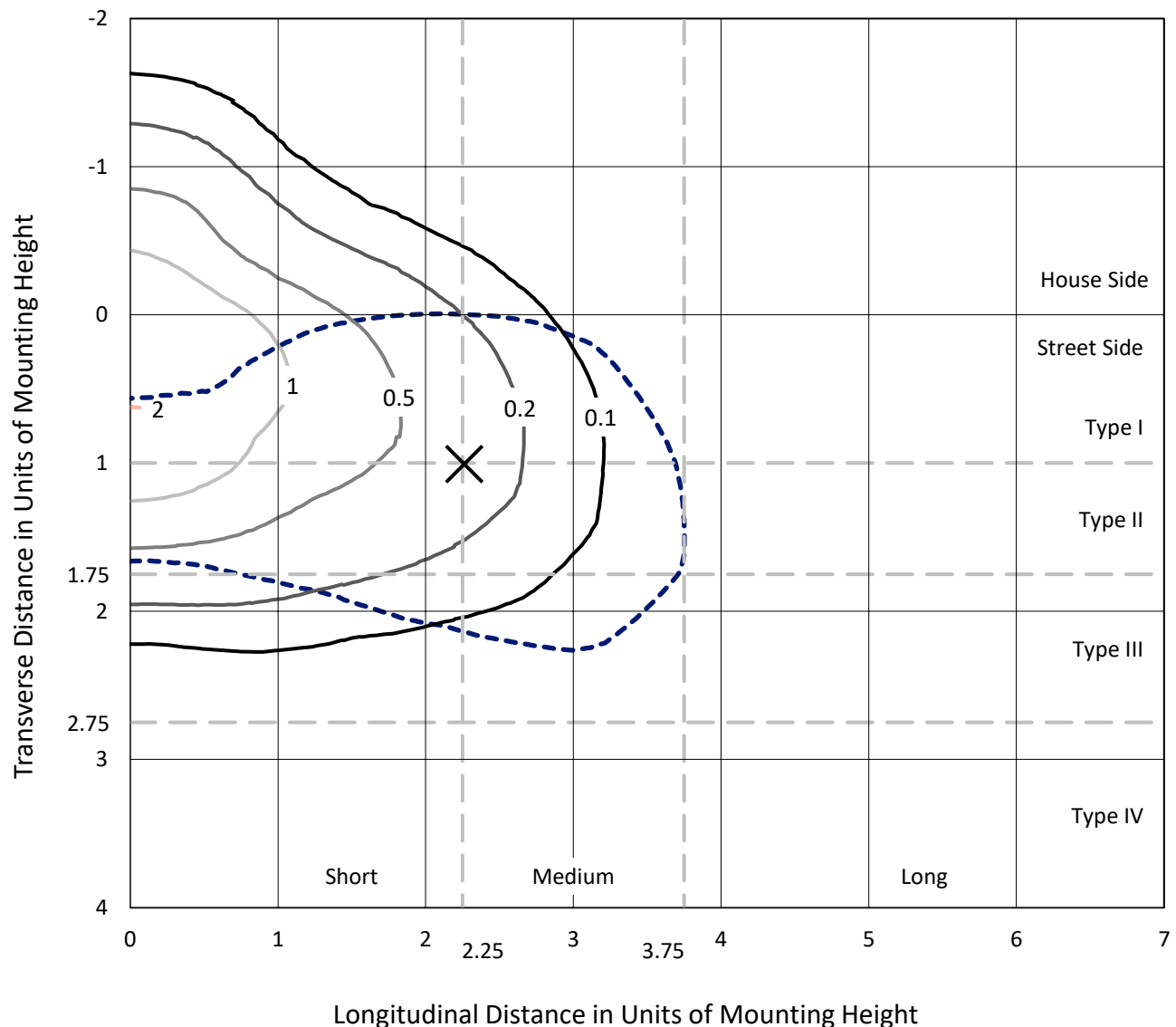
Input Watts (W): 9.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 14%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

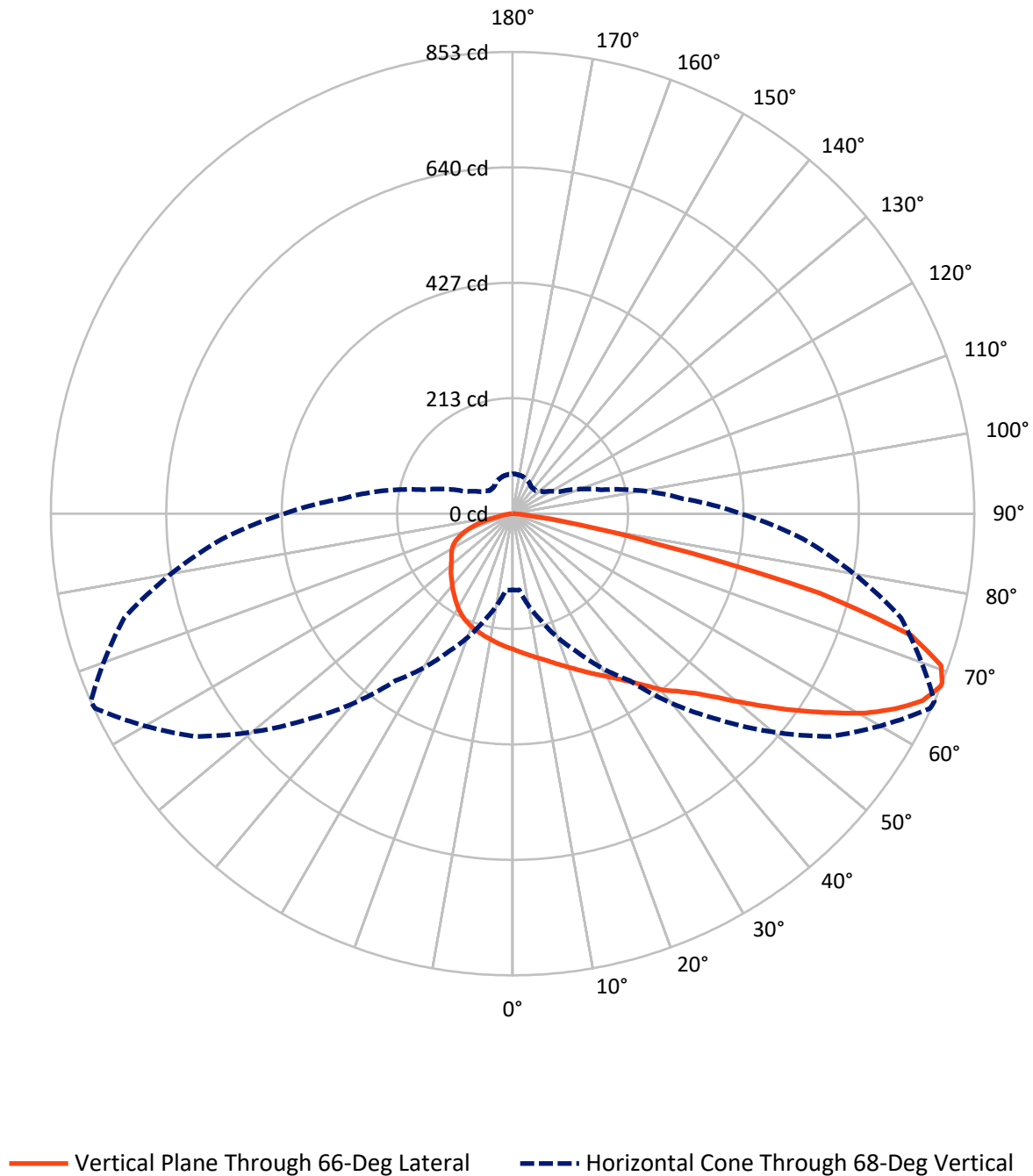
× Max cd
 - - - 1/2 Max cd



Based on 12 foot mounting height. Maximum calculated value = 2 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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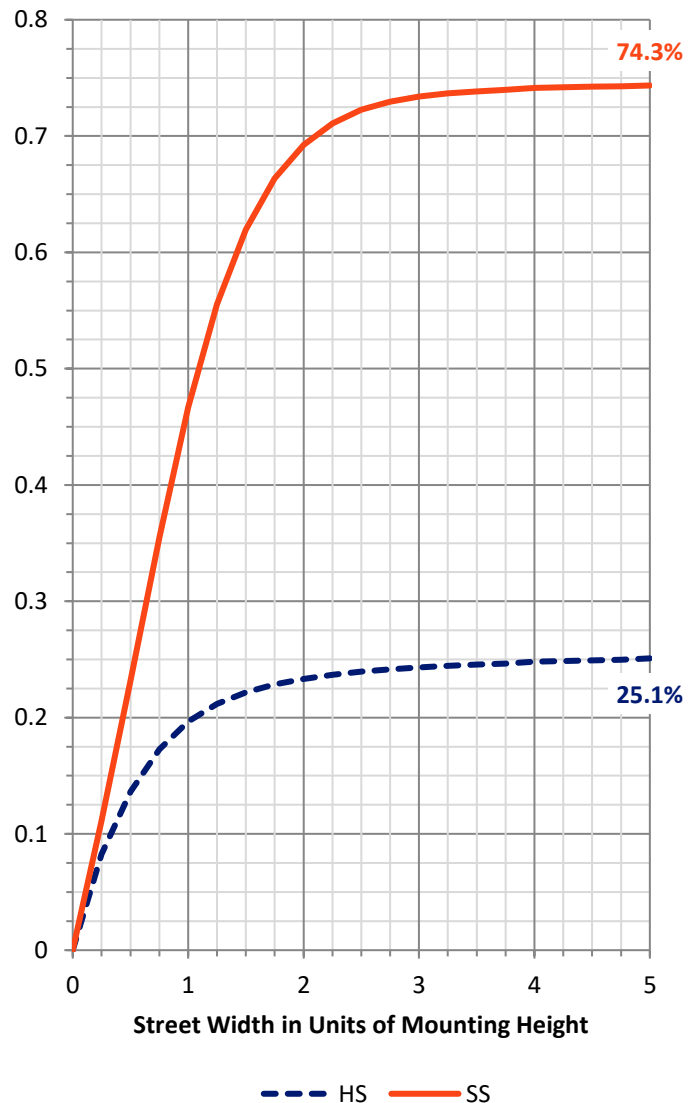
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	382.8	0.0	382.8
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	1112.3	0.0	1112.3
	% Fixture	74.4	0.0	74.4
Total	Lumens	1495.1	0.0	1495.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.1	1.6
10°-20°	72.3	4.8
20°-30°	124.6	8.3
30°-40°	193.3	12.9
40°-50°	264.8	17.7
50°-60°	315.9	21.1
60°-70°	316.5	21.2
70°-80°	167.5	11.2
80°-90°	16.2	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°	1495.1	100.0
0°-180°	1495.1	100.0



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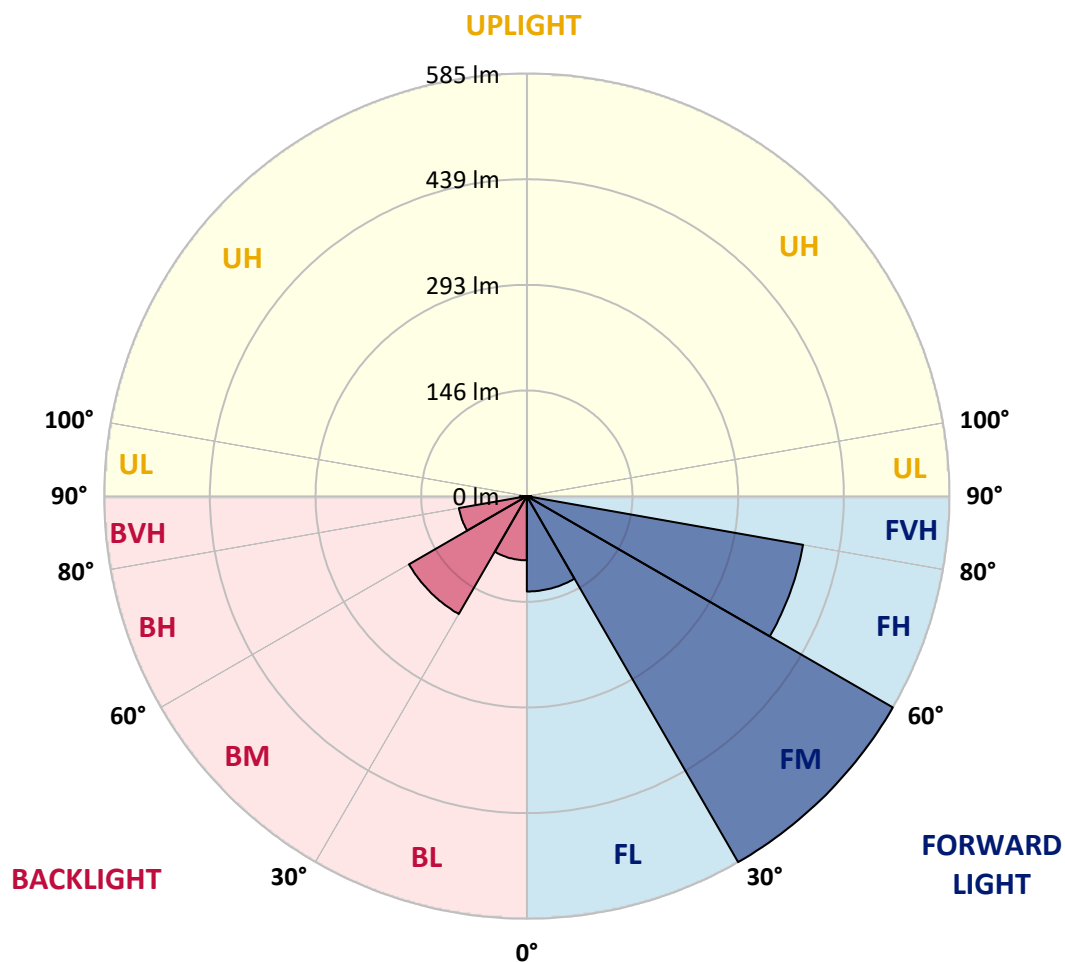
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	132.1	8.8			
FM	(30°-60°)	585.4	39.2			
FH	(60°-80°)	388.5	26.0			G0/660
FVH	(80°-90°)	6.4	0.4			G0/10
BL	(0°-30°)	88.9	5.9	B0/110		
BM	(30°-60°)	188.5	12.6	B0/220		
BH	(60°-80°)	95.5	6.4	B0/110		G0/110
BVH	(80°-90°)	9.8	0.7			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G0

Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	250.8	250.8	250.8	250.8	250.8	250.8	250.8	250.8	250.8	250.8	250.8
2.5°	261.2	261.2	260.6	260.3	260.0	258.3	257.1	255.7	255.7	253.4	251.3
5°	270.2	270.5	269.3	269.3	268.2	265.8	263.5	260.6	260.6	257.1	253.1
7.5°	278.0	278.9	277.7	277.7	276.6	274.0	270.2	266.1	266.1	261.2	255.4
10°	285.6	286.2	285.6	286.2	284.4	282.1	277.7	272.2	271.9	265.8	257.7
12.5°	291.7	292.3	292.5	293.4	292.0	290.2	286.2	279.2	278.3	271.1	260.6
15°	297.5	298.1	298.9	300.1	299.8	298.4	294.6	286.7	286.2	276.9	264.4
17.5°	302.1	302.4	304.2	306.5	307.1	307.3	303.3	295.2	294.6	283.6	268.5
20°	308.8	309.4	311.1	313.4	315.2	316.3	313.2	304.2	303.6	291.4	273.7
22.5°	323.9	323.0	323.9	323.9	324.8	326.5	324.2	315.2	314.0	300.7	280.1
25°	352.3	351.5	349.1	343.9	338.1	337.8	335.2	326.5	325.1	310.3	286.2
27.5°	392.1	390.1	385.7	374.7	360.7	351.8	347.7	338.7	337.0	319.8	292.0
30°	434.2	436.5	429.2	414.2	388.6	369.5	361.6	351.5	350.0	330.6	298.9
32.5°	483.2	483.5	476.3	455.4	422.3	391.8	378.5	366.0	364.8	343.0	308.2
35°	511.7	512.8	509.6	490.2	452.5	416.5	398.8	383.7	382.8	358.7	319.8
37.5°	541.3	543.9	538.9	517.5	475.4	439.4	421.4	404.9	404.0	376.7	334.3
40°	585.1	583.9	578.7	547.1	496.9	458.6	443.8	430.7	428.7	398.8	349.1
42.5°	616.7	619.6	608.3	572.6	520.4	477.7	466.1	451.3	448.7	412.1	357.8
45°	627.5	624.9	612.4	586.3	551.1	495.1	487.3	476.0	473.4	435.6	375.0
47.5°	629.8	625.1	614.1	594.4	577.3	517.8	513.1	510.5	506.7	465.2	395.6
50°	615.6	612.4	607.2	597.3	594.1	538.9	541.3	550.8	547.7	497.2	418.5
52.5°	583.4	581.9	586.5	592.9	584.5	557.2	574.6	594.1	592.9	532.3	443.2
55°	522.7	522.7	548.8	571.2	576.1	569.1	610.6	644.0	642.6	571.7	466.7
57.5°	467.3	468.1	489.9	540.1	561.0	581.9	650.7	696.3	693.9	616.1	491.4
60°	397.3	397.3	430.4	493.4	539.2	591.8	686.1	746.7	748.2	659.1	515.7
62.5°	314.6	315.5	361.3	435.3	507.9	593.5	714.2	794.3	794.1	698.0	534.6
65°	231.9	232.2	294.6	370.9	460.9	581.3	729.6	830.9	832.7	728.8	545.6
67.5°	150.6	153.5	216.8	301.0	394.4	546.8	721.5	850.4	852.4	743.0	542.1
68°	141.0	141.6	205.2	281.8	376.4	538.1	717.7	851.2	853.0	742.7	538.7
70°	91.4	91.4	146.9	220.0	300.4	483.8	684.9	837.6	839.6	729.9	513.4
72.5°	49.3	50.2	83.9	133.2	205.2	374.4	618.2	766.5	770.0	660.0	449.0
75°	34.5	35.1	48.8	74.6	111.7	243.8	483.2	585.7	585.1	455.9	281.2
77.5°	25.0	25.0	27.9	46.4	58.6	111.4	239.1	282.1	278.9	222.6	141.9
80°	16.3	16.3	17.4	24.4	28.2	34.0	73.1	122.2	124.5	108.5	70.8
82.5°	6.7	7.0	7.5	9.9	10.2	14.2	20.9	35.1	34.0	27.6	20.0
85°	0.9	0.9	1.2	1.5	1.7	3.2	2.9	2.9	2.9	3.5	3.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.9	0.9	1.2	0.9
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-PB1B-740-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	250.8	250.8	250.8	250.8	250.8	250.8	250.8	250.8	250.8	250.8	250.8
2.5°	250.8	250.8	249.0	247.3	245.5	244.1	242.0	240.6	240.9	241.8	241.5
5°	252.2	250.8	247.3	243.5	240.6	238.0	234.2	232.2	231.9	232.5	232.2
7.5°	253.1	250.8	245.5	239.7	235.1	231.6	226.4	224.3	223.5	223.8	223.8
10°	254.8	251.0	243.8	235.7	229.9	224.9	219.4	216.5	215.6	215.6	215.3
12.5°	256.8	251.6	242.0	232.2	224.6	218.8	212.4	209.3	208.4	208.4	208.1
15°	258.9	252.5	240.3	228.4	219.7	212.7	206.6	202.9	201.7	201.7	202.3
17.5°	261.5	253.4	238.6	224.9	214.5	206.6	200.3	196.5	195.0	195.9	196.5
20°	264.1	255.1	236.8	221.2	209.3	201.1	194.7	191.0	189.5	191.0	191.3
22.5°	267.9	256.6	234.8	216.8	204.0	195.0	189.2	185.7	184.9	186.3	187.5
25°	271.7	258.3	232.2	212.2	197.4	188.6	184.0	181.4	181.7	183.7	184.9
27.5°	275.7	259.8	229.6	206.4	190.1	182.0	178.5	177.9	179.1	181.4	182.8
30°	280.6	261.8	226.1	199.7	182.0	174.7	173.3	175.0	177.0	179.4	180.8
32.5°	287.0	264.4	222.6	192.1	173.6	166.9	169.2	173.0	175.3	177.6	179.1
35°	296.0	269.6	220.6	184.6	164.6	160.2	165.4	171.5	173.3	174.7	176.5
37.5°	306.5	276.6	219.7	177.6	156.4	154.4	161.7	168.9	169.5	170.1	171.8
40°	316.6	281.8	217.4	170.1	148.0	148.0	157.0	164.0	163.7	162.8	164.0
42.5°	320.7	281.2	210.7	162.8	141.3	141.6	149.8	156.4	154.7	154.7	156.4
45°	332.3	285.9	205.8	157.0	135.2	134.1	140.5	145.7	148.6	152.4	154.1
47.5°	347.1	292.3	202.0	150.3	129.4	125.7	129.2	137.9	142.8	146.9	148.3
50°	362.5	299.5	198.5	143.4	123.6	116.1	117.8	127.4	131.8	133.8	134.7
52.5°	378.2	306.2	195.9	137.6	117.0	104.8	108.5	117.5	120.7	121.9	122.5
55°	392.1	311.7	193.6	132.6	109.4	95.8	98.7	108.0	110.3	111.4	112.3
57.5°	406.9	317.8	192.1	128.0	101.0	87.9	90.0	98.4	101.6	102.7	103.6
60°	420.0	323.6	191.0	123.1	93.2	81.0	82.1	90.3	93.7	94.3	95.2
62.5°	428.7	327.4	189.2	117.0	85.9	74.3	74.6	82.4	86.2	86.8	87.4
65°	431.0	326.5	184.0	108.8	78.7	67.6	67.6	75.2	79.2	81.3	82.1
67.5°	424.0	319.2	173.0	98.4	71.7	61.5	61.5	68.2	72.6	74.9	75.7
68°	421.7	316.1	169.5	95.8	69.9	60.1	60.1	67.0	71.1	73.1	73.7
70°	402.0	300.4	153.5	85.9	64.4	55.7	55.7	61.8	66.2	66.2	65.9
72.5°	349.1	260.3	126.2	72.0	56.3	49.3	50.2	56.0	57.5	58.9	58.6
75°	216.2	155.9	84.7	56.9	47.3	43.2	45.0	50.2	51.1	54.3	53.4
77.5°	108.3	76.3	45.0	33.1	36.6	37.1	40.3	44.1	46.7	50.2	47.9
80°	53.4	37.1	26.4	20.6	21.5	27.3	35.1	38.0	42.7	45.0	43.0
82.5°	14.8	11.3	10.7	11.3	16.0	21.2	27.6	33.7	39.8	41.8	38.9
85°	2.6	2.0	1.7	5.5	11.0	15.7	22.3	29.9	35.7	34.2	32.2
87.5°	0.9	0.6	0.6	3.5	8.1	12.8	19.2	26.7	30.5	27.6	24.7
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: SP2-2501-321-1

Test Date: 04/09/2025

Luminaire Tested: GKO-PB1E-740-U-T4W

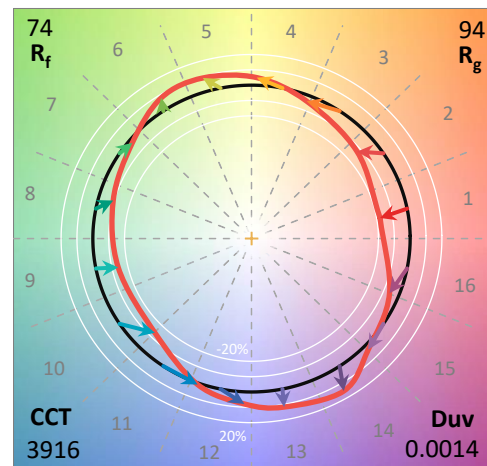
Data in this report applies to families of products including GKO-PB1E-740-U-T4W

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	CRI (Ra):	71.0		
CIE u':	0.2259	R1:	67.4	R9:	-37.9
CIE v':	0.5049	R2:	78.3	R10:	48.9
Duv:	0.0014	R3:	87.2	R11:	64.6
CIE x:	0.3853	R4:	69.5	R12:	40.9
CIE y:	0.3827	R5:	67.2	R13:	69.2
CIE z:	0.2321	R6:	69.3	R14:	92.7
Peak Wavelength (nm):	449	R7:	79.9	R15:	59.8
Dominant Wavelength (nm):	578	R8:	48.9		
Purity:	30.46652				
Rf:	73.5				
Rg:	93.5				



Test Conditions

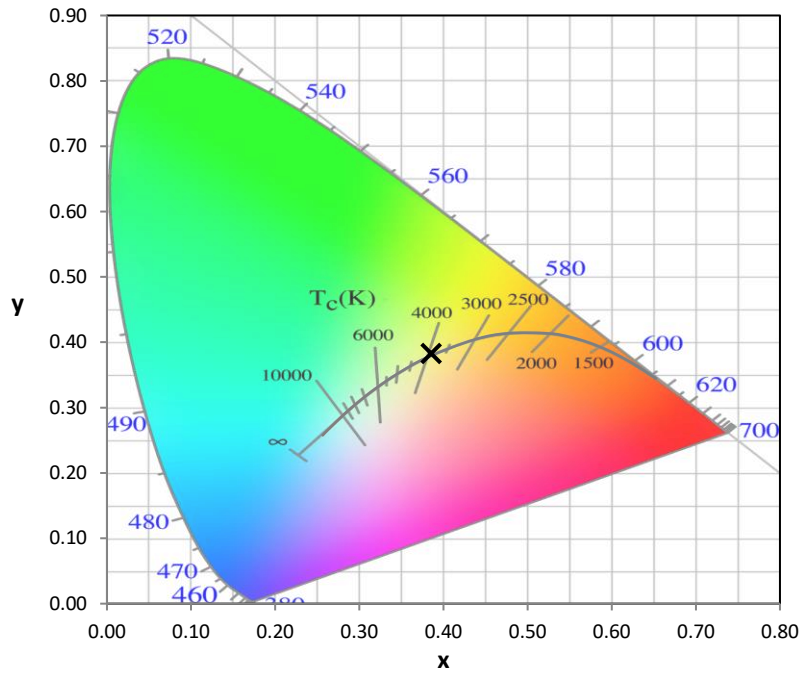
Stabilization Time: 33M
 Operation Time: 1H 33M
 Sphere Temperature (°C): 25.0

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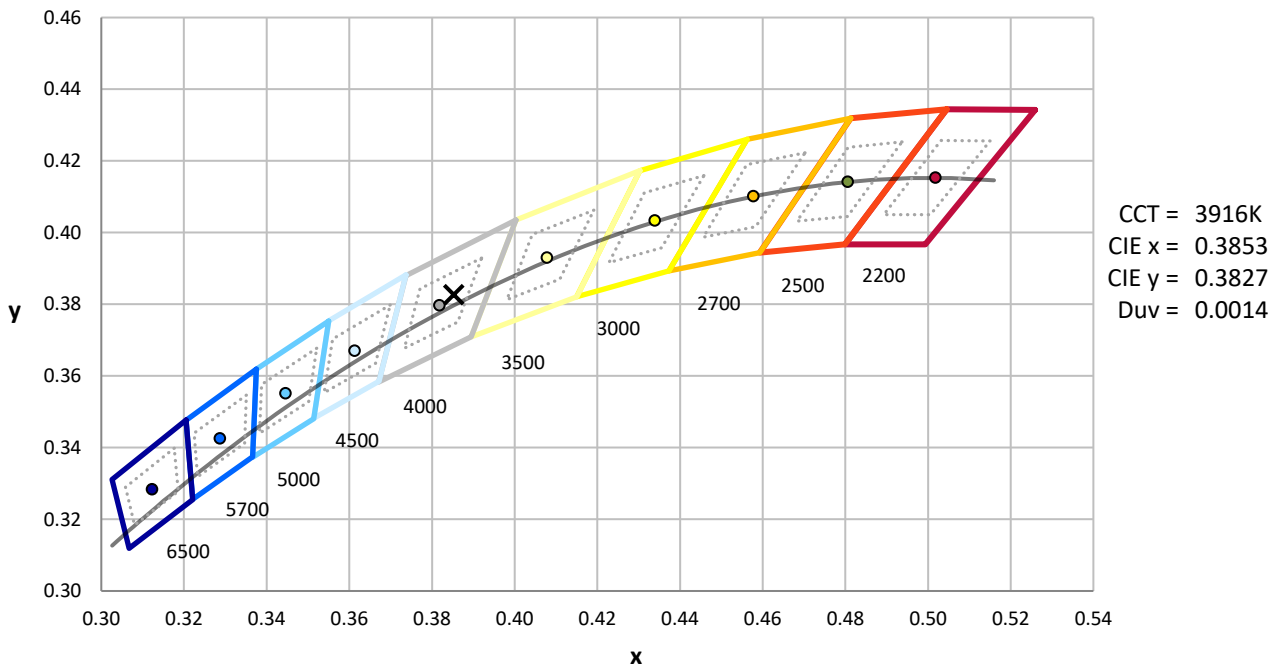
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

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CIE 1931 Chromaticity Diagram



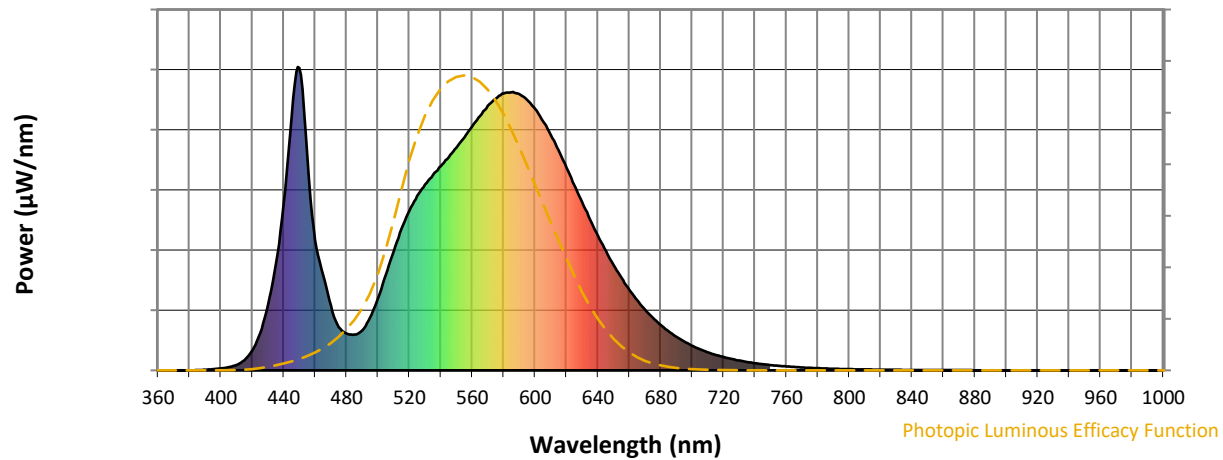
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

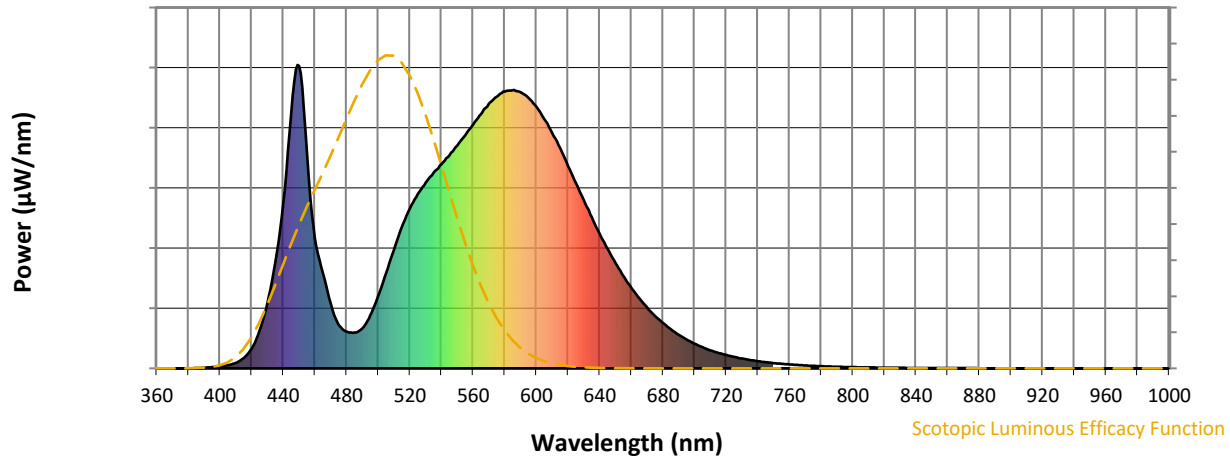


Photopic Lumens: NR

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	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			

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Scotopic Flux vs. Wavelength



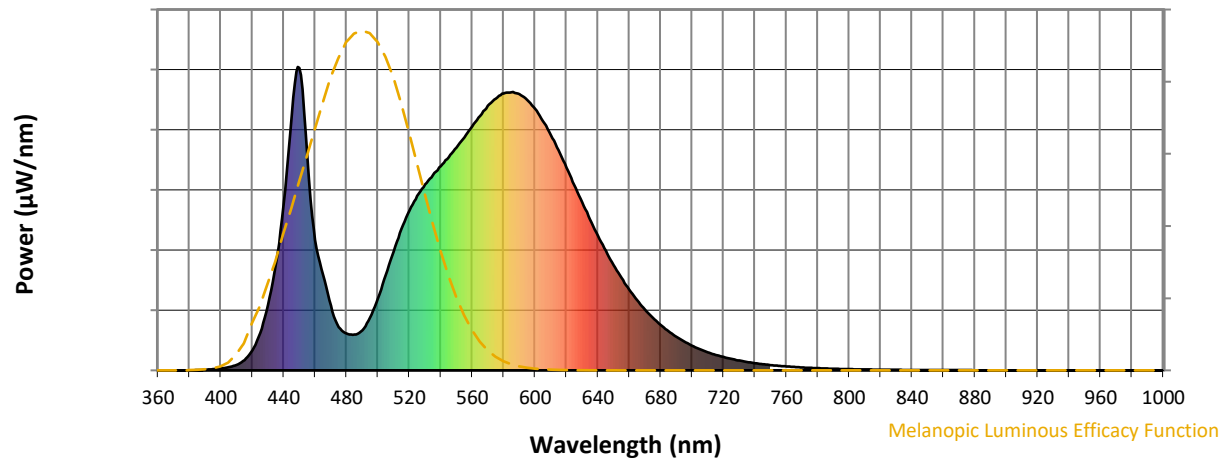
Scotopic Lumens: NR

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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.88

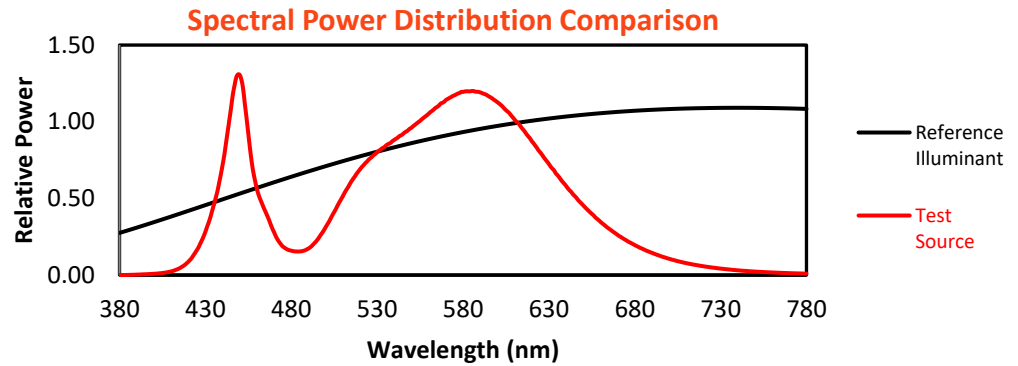
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	132	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			

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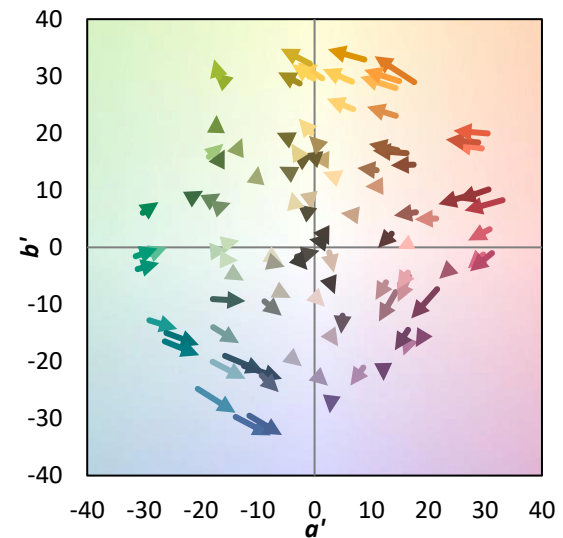
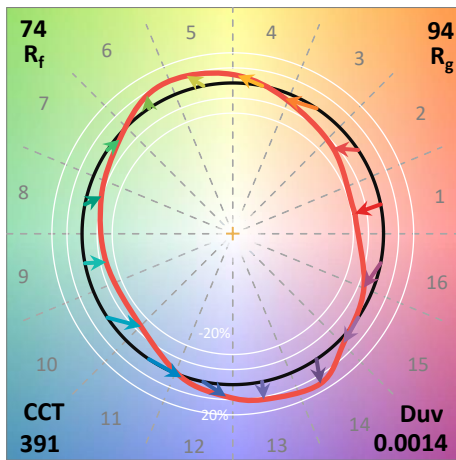
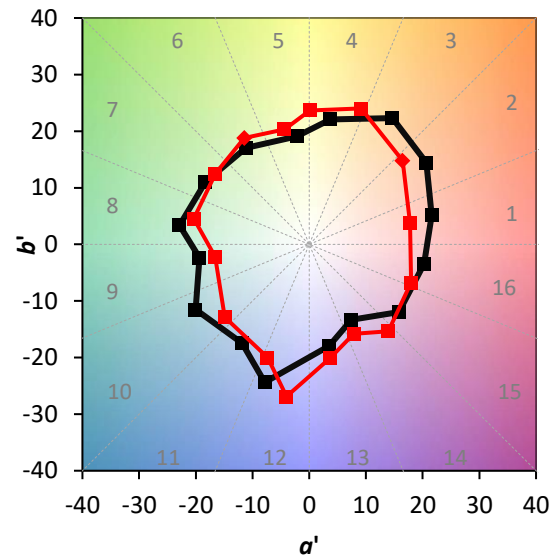
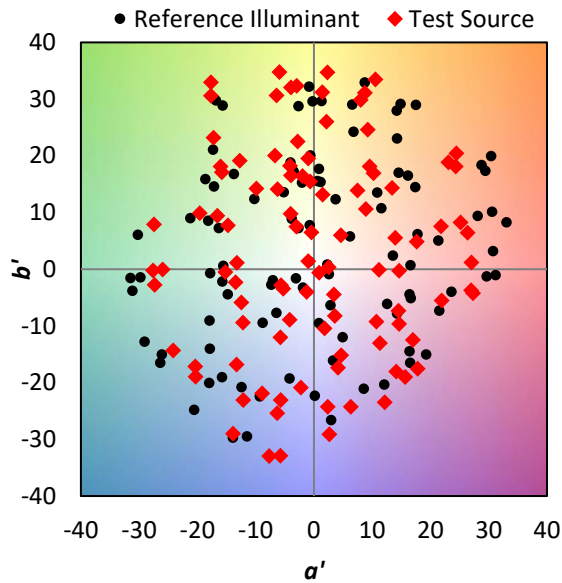
TM-30-18

Summary

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

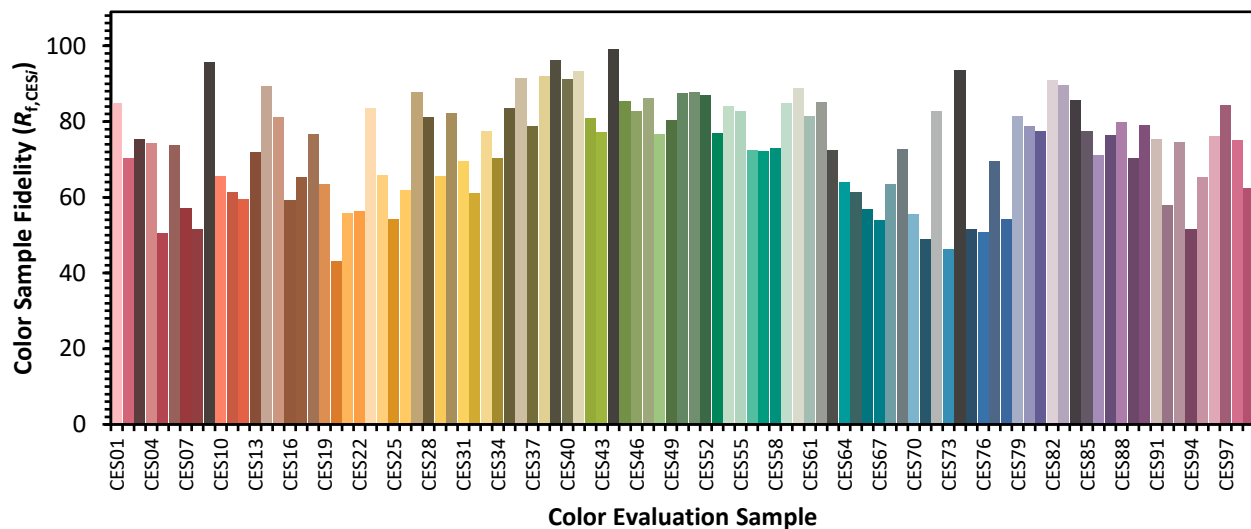


Color Vector Graphics

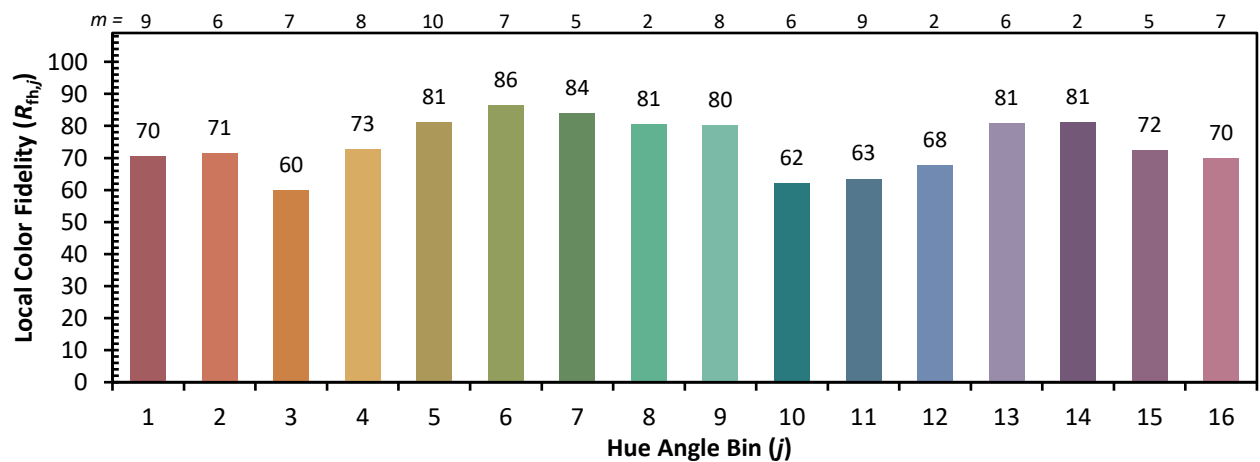
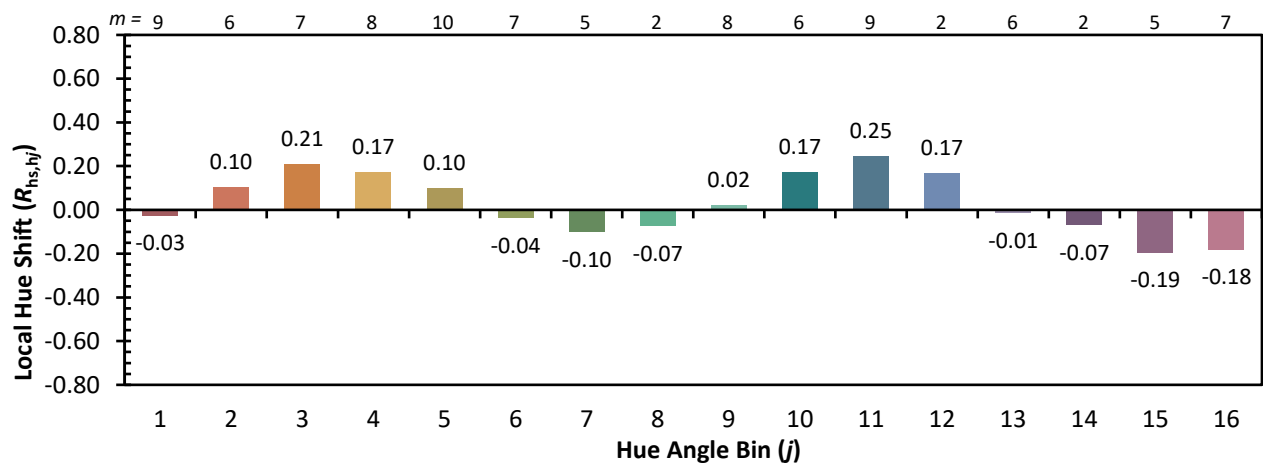
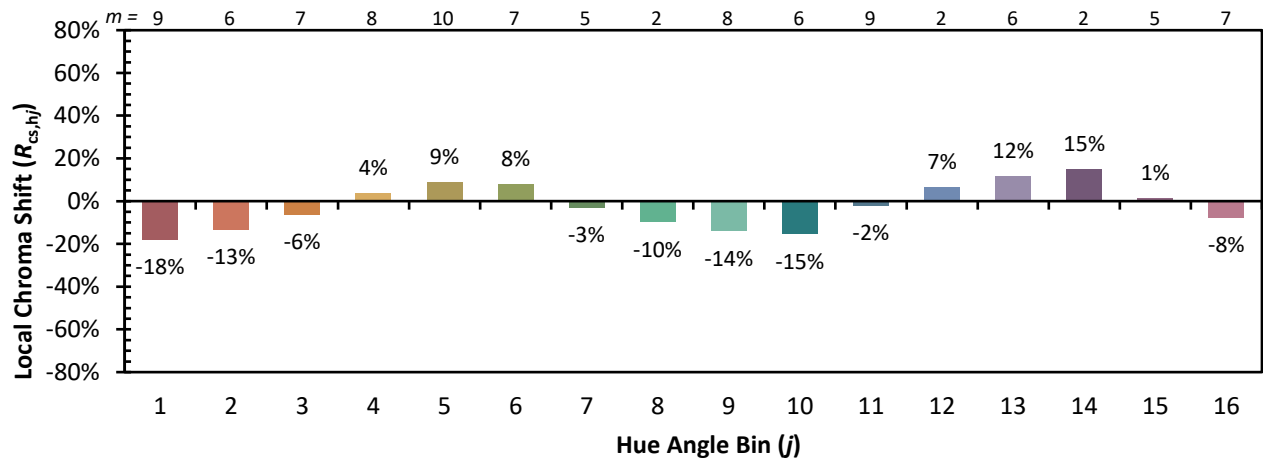


Individual Sample Fidelity Index ($R_{f,i}$)

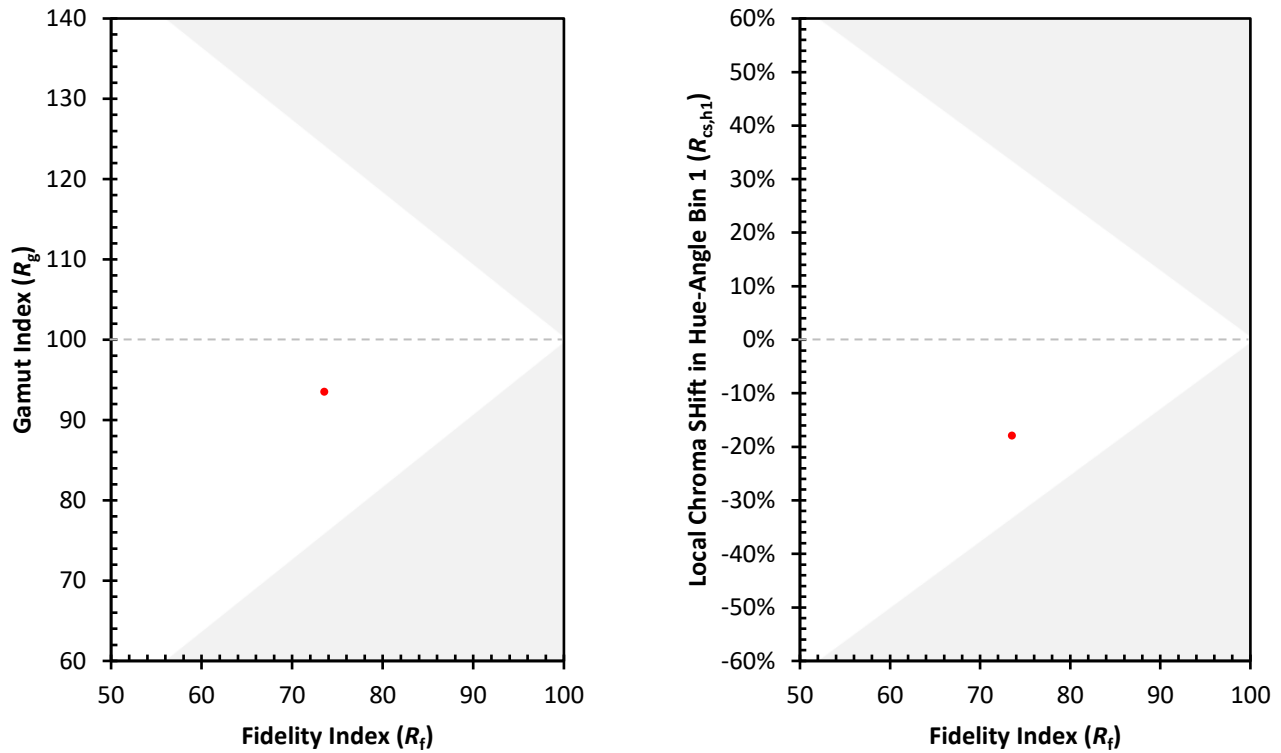
CES01 = 85	CES26 = 62	CES51 = 88	CES76 = 51
CES02 = 61	CES27 = 88	CES52 = 87	CES77 = 70
CES03 = 30	CES28 = 81	CES53 = 77	CES78 = 54
CES04 = 70	CES29 = 66	CES54 = 84	CES79 = 81
CES05 = 47	CES30 = 82	CES55 = 83	CES80 = 79
CES06 = 50	CES31 = 69	CES56 = 73	CES81 = 77
CES07 = 40	CES32 = 61	CES57 = 72	CES82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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)