

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: P972336

Luminaire Tested: **GKO-PB1A-750-U-T2R**

Issue Date: 02/27/2025



Test Information

Test Method: LM-79-08
Report Number: P972336
Test Lab: INNOVATION CENTER(G1)
Issue Date: 02/27/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1A-750-U-T2R
Description: GEKKO WALL PACK 750LM PACKAGE 70CRI 5000K FIXTURE w/ TYPE II
ROADWAY DISTRIBUTION OPTIC
Light Source: (10) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 779.2 lumens
Efficiency: N/A
Efficacy: 162.3 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B0 - U0 - G0

Input Watts (W): 4.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 16%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

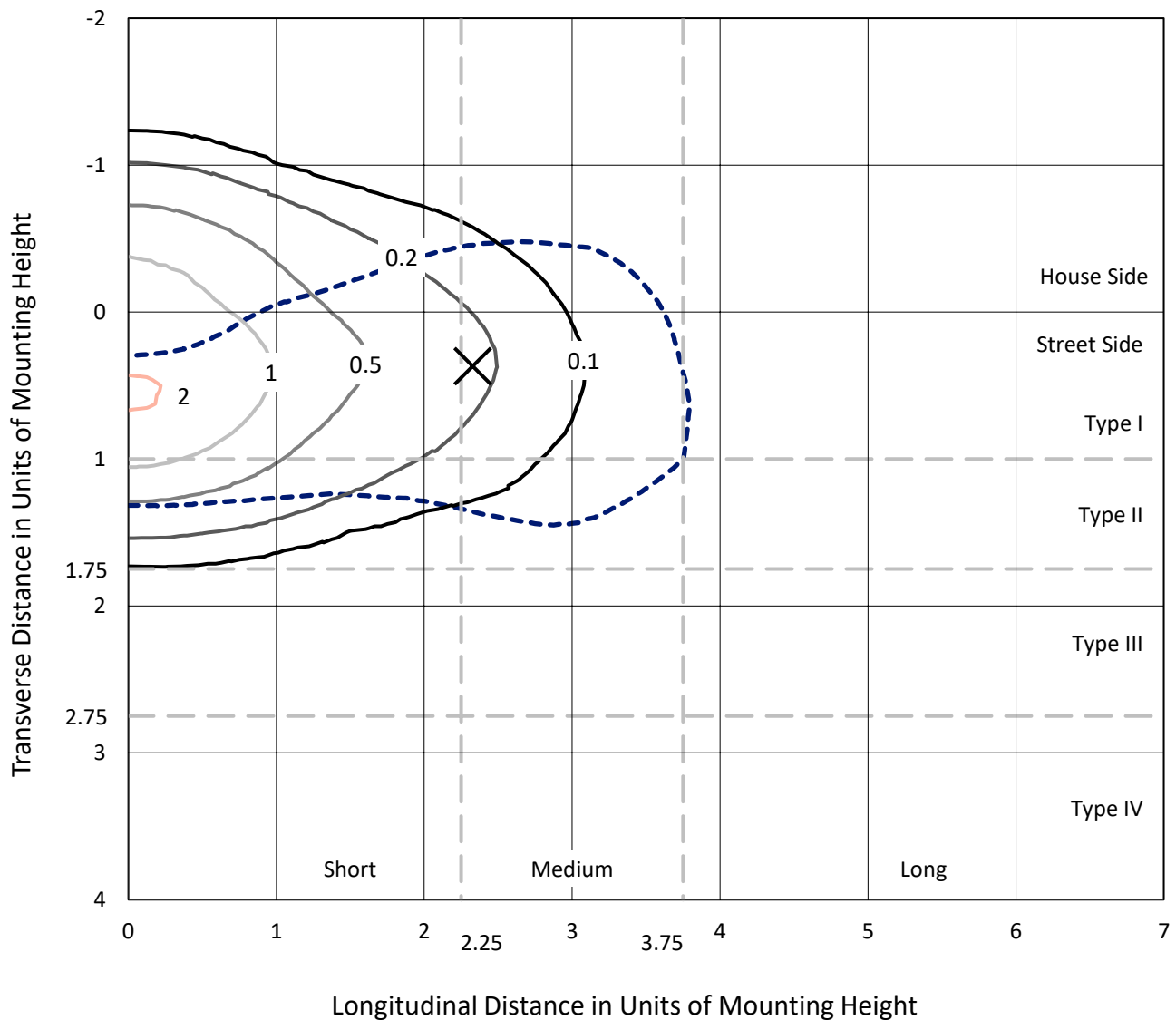
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

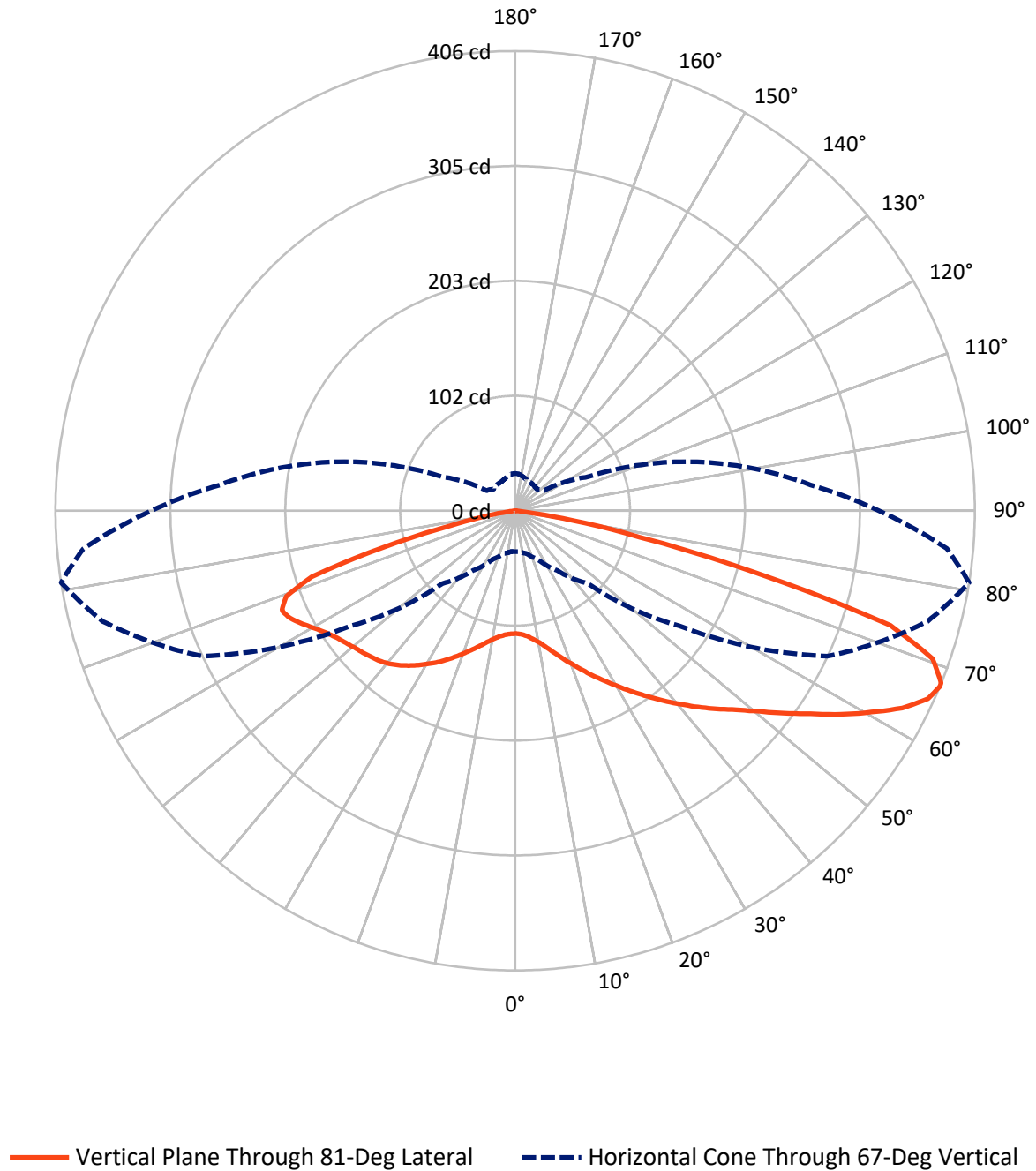


Based on 10 foot mounting height. Maximum calculated value = 2.1 fc
 Type II - Medium - N/A

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CATALOG NUMBER: GKO-PB1A-750-U-T2R

Luminous Intensity Polar Plot



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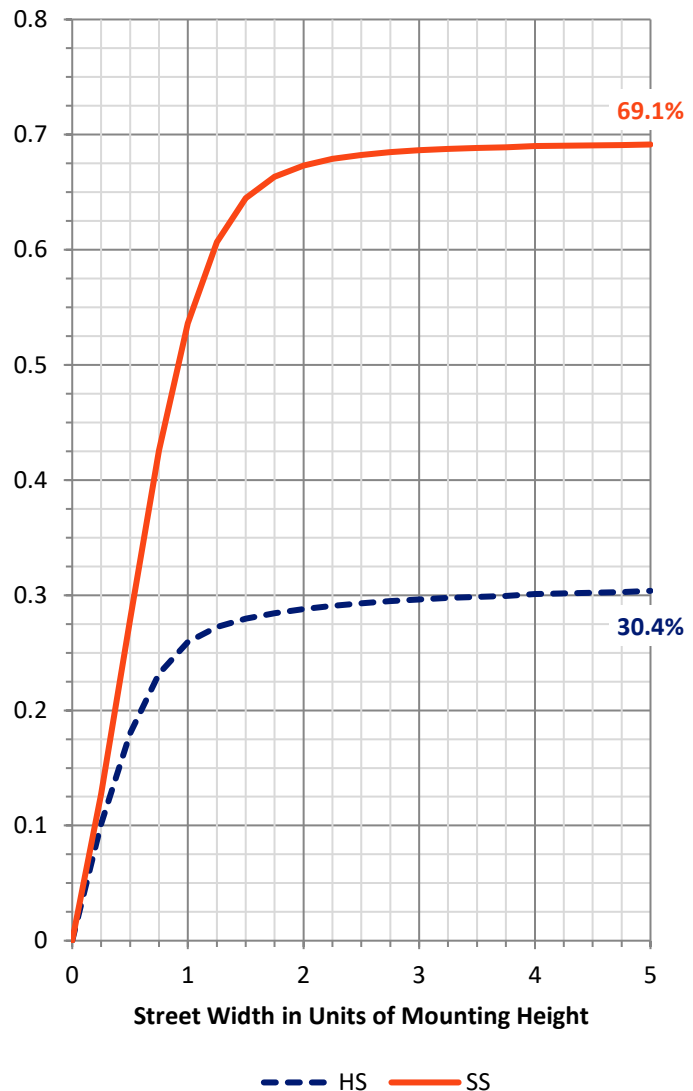
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	240.6	0.0	240.6
	% Fixture	30.9	0.0	30.9
Street Side	Lumens	538.6	0.0	538.6
	% Fixture	69.1	0.0	69.1
Total	Lumens	779.2	0.0	779.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.2	1.4
10°-20°	40.7	5.2
20°-30°	82.4	10.6
30°-40°	130.0	16.7
40°-50°	159.6	20.5
50°-60°	152.5	19.6
60°-70°	127.9	16.4
70°-80°	67.7	8.7
80°-90°	7.0	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°	779.2	100.0
0°-180°	779.2	100.0



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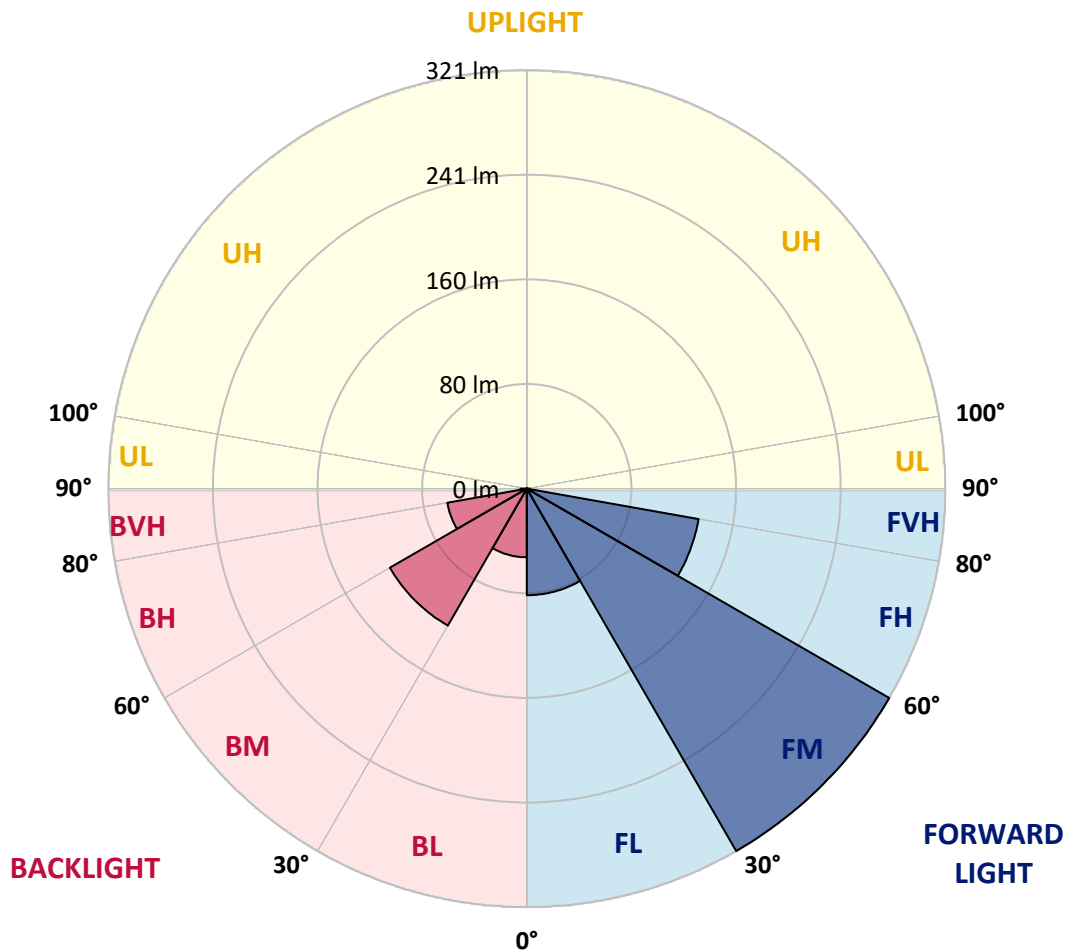
CATALOG NUMBER: GKO-PB1A-750-U-T2R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	81.7	10.5			
FM	(30°-60°)	320.9	41.2			
FH	(60°-80°)	133.8	17.2			G0/660
FVH	(80°-90°)	2.2	0.3			G0/10
BL	(0°-30°)	52.7	6.8	B0/110		
BM	(30°-60°)	121.2	15.6	B0/220		
BH	(60°-80°)	61.9	7.9	B0/110		G0/110
BVH	(80°-90°)	4.8	0.6			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 II Medium



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CATALOG NUMBER: GKO-PB1A-750-U-T2R

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	81°	85°
0°	108.5	108.5	108.5	108.5	108.5	108.5	108.5	108.5	108.5	108.5	108.5
2.5°	114.8	115.1	114.5	114.4	113.8	112.9	111.8	111.1	109.9	109.3	109.0
5°	125.7	125.1	124.6	123.9	121.8	120.0	117.0	115.0	112.7	111.2	110.8
7.5°	139.0	139.3	137.8	135.8	132.8	129.3	124.5	120.6	116.4	114.5	113.6
10°	153.4	154.6	153.1	150.7	145.1	139.7	133.9	127.2	121.5	118.5	117.3
12.5°	171.0	171.8	169.8	166.7	159.8	151.8	143.6	135.2	127.8	124.0	122.0
15°	190.7	190.1	188.2	183.5	174.7	165.8	154.6	143.7	134.9	130.3	127.3
17.5°	211.0	210.2	207.7	201.7	191.7	180.6	167.3	153.6	142.5	137.5	133.4
20°	230.4	229.6	227.8	221.1	209.0	195.3	179.8	164.9	151.2	144.9	140.4
22.5°	251.8	251.2	248.4	240.2	227.2	212.2	194.1	176.4	160.6	153.1	147.8
25°	275.1	275.2	272.1	260.6	246.0	228.4	209.5	189.3	171.2	161.8	155.7
27.5°	302.2	302.1	296.7	284.3	266.0	245.7	224.7	202.9	181.6	170.6	163.6
30°	326.8	326.2	320.3	307.9	286.7	263.9	240.8	216.0	193.4	180.3	171.8
32.5°	345.0	345.2	340.2	326.7	305.9	281.6	255.8	230.8	204.7	190.7	181.3
35°	358.1	358.3	353.5	341.9	322.5	298.2	271.8	244.7	217.4	201.4	191.3
37.5°	362.3	362.3	359.2	350.1	334.3	313.1	287.5	260.5	230.1	213.1	201.4
40°	356.6	357.1	356.9	351.0	340.1	323.4	301.9	275.7	244.2	224.5	211.7
42.5°	343.8	344.1	344.6	342.3	338.9	328.9	313.5	291.2	258.4	237.1	221.9
45°	322.6	323.8	326.1	327.0	328.3	327.6	320.7	305.6	274.2	249.6	231.8
47.5°	295.8	297.7	300.7	306.1	313.5	319.5	322.5	316.8	289.5	262.6	243.0
50°	258.5	260.6	268.7	279.8	294.6	306.2	317.6	325.2	306.7	278.4	255.5
52.5°	206.9	211.4	225.0	246.5	271.8	289.1	307.1	329.2	324.1	297.0	270.5
55°	157.4	159.1	176.5	202.3	241.4	270.6	292.8	327.1	340.5	316.5	287.5
57.5°	110.0	111.8	127.0	155.2	198.4	246.5	278.5	320.1	355.4	339.5	307.0
60°	78.1	80.1	91.4	112.3	154.2	211.3	265.2	311.2	368.4	361.3	329.5
62.5°	56.8	57.8	63.8	81.4	111.4	165.2	246.3	305.3	377.5	383.9	352.6
65°	43.5	44.6	48.0	59.0	82.3	120.8	212.3	305.2	379.9	400.6	372.6
67°	36.2	36.1	39.1	47.4	64.3	90.8	177.3	304.0	377.2	406.0	382.7
67.5°	34.3	34.9	37.3	44.3	60.7	83.6	169.7	302.1	376.3	405.8	383.5
70°	27.3	27.4	29.5	35.0	45.6	60.7	122.1	283.0	362.7	391.2	375.1
72.5°	20.0	19.8	23.0	26.5	34.9	44.1	81.9	237.7	333.4	346.6	333.5
75°	14.8	14.6	16.3	20.3	24.9	32.9	53.1	155.1	225.7	220.5	203.7
77.5°	9.8	10.1	11.6	14.9	17.7	20.4	26.5	71.4	124.3	112.4	108.2
80°	6.0	5.5	6.6	8.5	10.3	10.4	11.3	30.9	53.4	50.8	47.7
82.5°	2.1	2.1	2.5	3.4	3.4	3.4	4.2	7.5	10.6	9.7	9.2
85°	0.0	0.0	0.0	0.0	0.3	0.4	0.3	0.6	1.0	1.2	1.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.4	0.6	0.6
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-PB1A-750-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	108.5	108.5	108.5	108.5	108.5	108.5	108.5	108.5	108.5	108.5	108.5
2.5°	109.0	109.0	108.5	107.9	107.6	107.5	107.0	106.5	106.9	107.3	107.3
5°	110.5	110.2	109.3	108.7	108.2	108.2	107.6	107.5	107.9	108.4	108.2
7.5°	112.9	112.3	111.2	110.3	110.5	110.6	109.7	109.7	110.2	110.6	110.6
10°	116.1	115.1	114.1	113.3	113.5	113.6	112.7	112.4	112.9	113.3	113.6
12.5°	120.3	119.0	117.8	117.0	116.9	117.0	116.1	115.8	115.8	116.1	116.1
15°	125.2	123.7	122.3	121.2	120.9	120.8	119.6	118.5	118.5	118.7	118.7
17.5°	130.9	128.8	126.9	125.7	124.9	123.9	122.6	121.1	120.6	120.8	120.8
20°	136.6	134.3	131.8	130.2	128.7	126.9	124.8	122.9	122.0	122.0	121.8
22.5°	143.1	140.1	136.7	134.5	131.8	128.8	125.8	123.3	122.4	122.1	122.1
25°	149.8	146.4	141.5	138.1	134.2	129.9	126.0	122.6	121.1	120.5	120.5
27.5°	156.7	152.7	146.3	141.3	135.7	129.7	124.5	120.2	118.1	117.3	117.0
30°	164.5	158.6	150.4	143.7	136.0	128.4	121.7	116.6	113.5	111.7	111.8
32.5°	172.5	165.2	154.3	145.2	135.5	125.8	117.3	110.9	106.9	105.3	104.7
35°	180.7	171.5	157.7	146.0	134.0	122.0	111.8	104.7	100.2	97.8	97.8
37.5°	189.1	178.0	160.1	145.8	131.4	116.9	105.4	97.8	92.6	89.6	88.9
40°	197.3	184.1	161.9	144.6	127.3	110.8	98.6	90.4	83.3	79.5	78.9
42.5°	205.3	189.2	162.8	142.7	122.6	104.1	90.8	79.8	73.1	69.5	69.3
45°	212.6	193.2	163.0	140.1	116.3	96.5	80.4	69.8	63.1	59.3	59.3
47.5°	219.8	197.7	162.8	136.9	109.4	86.6	69.3	59.0	52.9	50.5	49.8
50°	228.4	202.2	162.7	132.8	100.6	74.8	58.6	49.8	44.6	42.2	42.2
52.5°	237.2	207.4	163.0	127.2	90.2	63.4	49.1	41.3	37.9	36.4	36.2
55°	248.5	212.9	163.7	120.5	79.3	52.2	40.9	35.6	33.2	32.5	32.7
57.5°	262.3	220.5	165.2	112.6	66.6	42.8	35.0	32.2	31.6	31.9	32.1
60°	277.9	229.9	167.3	103.6	55.5	35.6	31.6	31.0	31.6	32.8	32.9
62.5°	296.1	241.2	170.0	93.6	44.4	31.3	30.1	30.6	31.0	32.9	33.1
65°	312.2	253.5	170.6	81.9	36.1	28.5	29.2	29.5	30.7	32.9	33.1
67°	321.3	261.8	166.5	70.7	30.9	27.0	28.0	28.3	30.4	32.7	32.9
67.5°	322.3	263.6	163.9	67.8	29.8	26.7	27.7	28.3	30.4	32.7	32.8
70°	319.2	262.4	146.0	51.1	24.6	24.6	25.8	27.1	29.2	31.6	32.7
72.5°	291.3	239.3	113.0	34.7	20.9	22.2	24.0	25.9	27.9	30.7	32.5
75°	184.1	154.0	69.2	23.3	17.4	19.8	22.7	24.9	26.5	28.6	29.8
77.5°	98.4	76.2	29.8	13.7	13.7	17.6	21.0	23.1	24.0	24.7	25.5
80°	46.5	35.5	14.5	8.2	9.5	13.7	18.6	20.9	21.2	22.1	22.4
82.5°	9.2	8.1	4.8	4.3	6.3	9.8	15.5	18.0	18.2	19.7	20.0
85°	1.2	1.0	0.7	1.6	4.0	7.3	11.9	15.5	15.8	15.8	15.5
87.5°	0.6	0.4	0.4	1.2	3.0	5.5	9.8	13.0	13.1	10.3	10.0
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: SP2-2501-321-5

Test Date: 04/10/2025

Luminaire Tested: GKO-PB1E-750-U-T4W

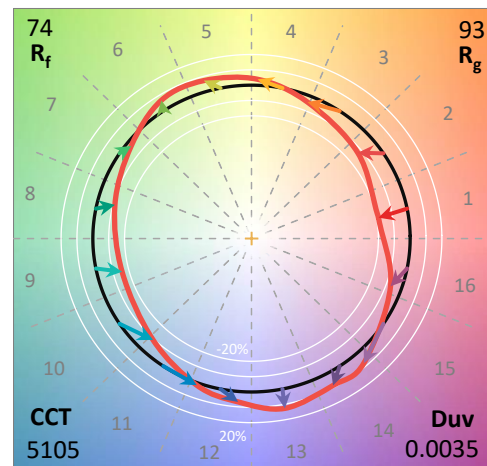
Data in this report applies to families of products including GKO-PB1E-750-U-T4W

Test Information

Test Method: LM-79-2019
 Report Number: SP2-2501-321-5
 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-750-U-T4W**
 Description: Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	5105	CRI (Ra):	72.2		
CIE u':	0.2079	R1:	68.8	R9:	-38.2
CIE v':	0.4868	R2:	78.3	R10:	48.2
Duv:	0.0035	R3:	84.9	R11:	68.1
CIE x:	0.3428	R4:	71.7	R12:	42.9
CIE y:	0.3567	R5:	69.8	R13:	70.6
CIE z:	0.3005	R6:	69.8	R14:	91.6
Peak Wavelength (nm):	451	R7:	81.2	R15:	61.7
Dominant Wavelength (nm):	567	R8:	53.5		
Purity:	9.884628				
Rf:	74.2				
Rg:	92.7				



Test Conditions

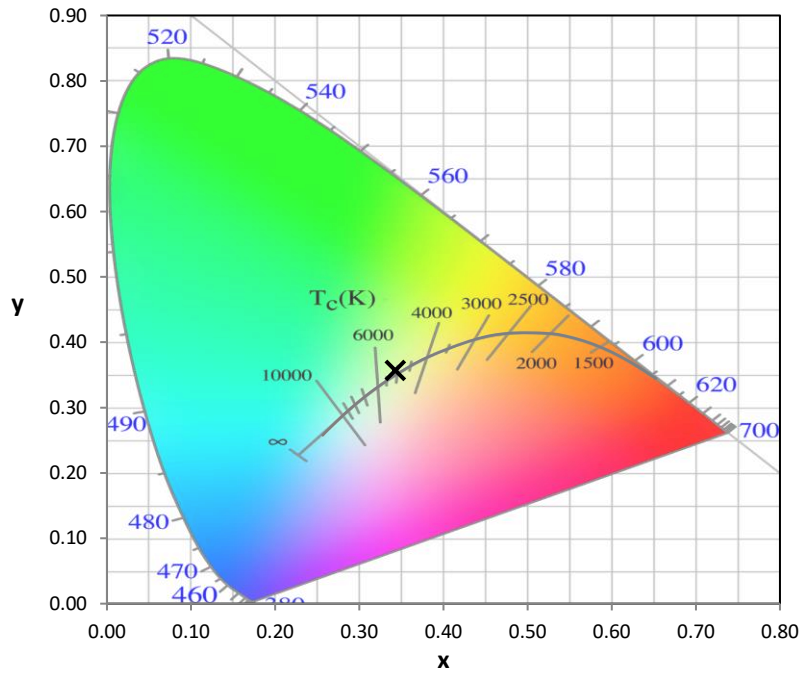
Stabilization Time: 30M
 Operation Time: 1H 30M
 Sphere Temperature (°C): 25.0

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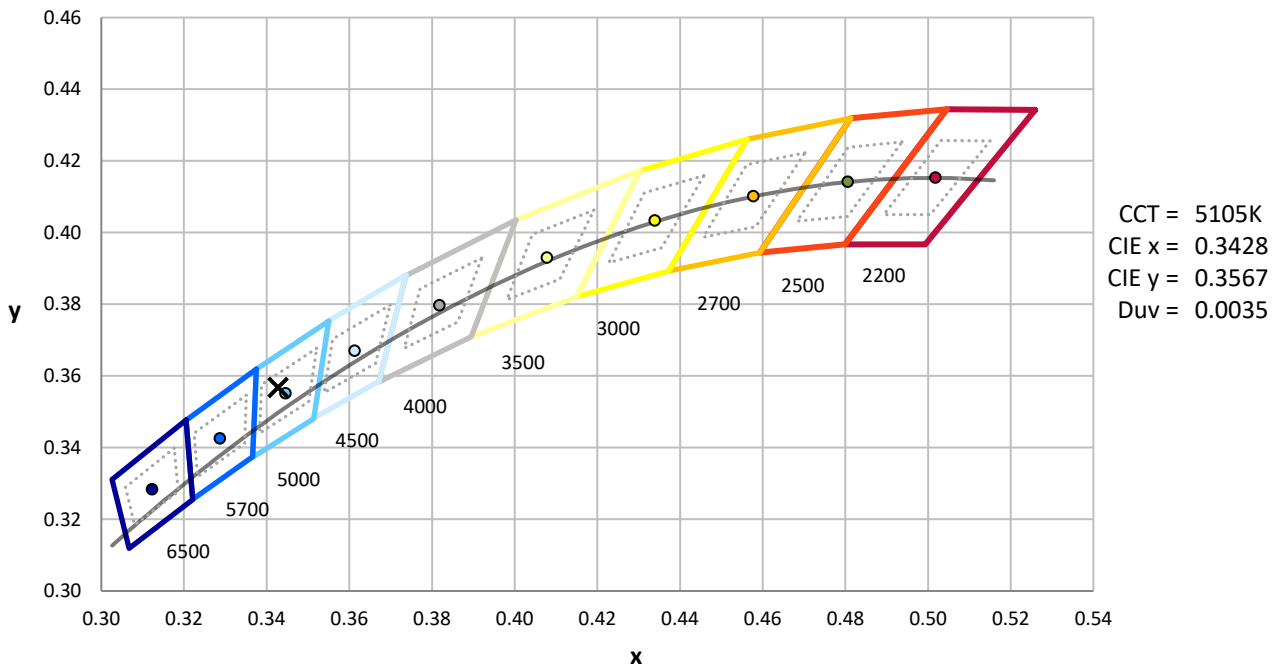
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

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CIE 1931 Chromaticity Diagram



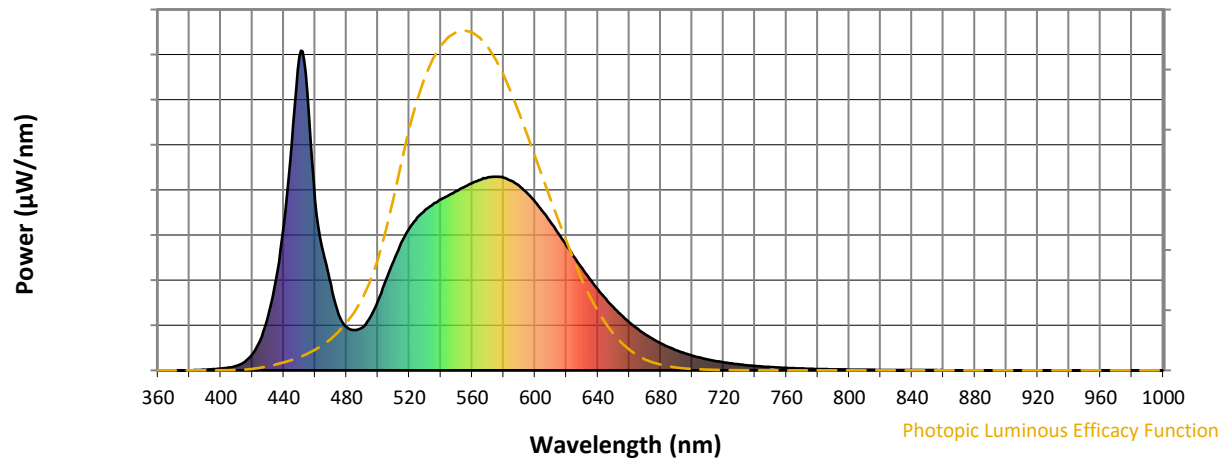
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength

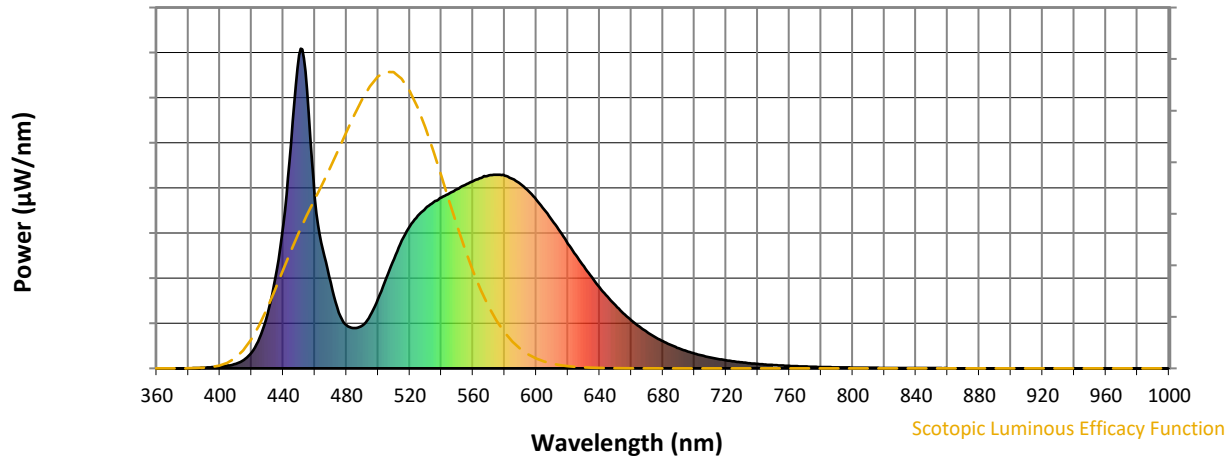


Photopic Lumens: NR

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	134	NR	620	390	NR	750	10	NR	880	0	NR
365	0	NR	495	165	NR	625	354	NR	755	9	NR	885	0	NR
370	0	NR	500	218	NR	630	319	NR	760	8	NR	890	0	NR
375	0	NR	505	281	NR	635	285	NR	765	7	NR	895	0	NR
380	0	NR	510	343	NR	640	254	NR	770	6	NR	900	0	NR
385	1	NR	515	400	NR	645	224	NR	775	5	NR	905	0	NR
390	2	NR	520	444	NR	650	197	NR	780	4	NR	910	0	NR
395	4	NR	525	477	NR	655	173	NR	785	4	NR	915	0	NR
400	6	NR	530	501	NR	660	150	NR	790	3	NR	920	0	NR
405	9	NR	535	520	NR	665	131	NR	795	3	NR	925	0	NR
410	14	NR	540	534	NR	670	113	NR	800	2	NR	930	0	NR
415	26	NR	545	547	NR	675	98	NR	805	2	NR	935	0	NR
420	50	NR	550	561	NR	680	85	NR	810	2	NR	940	0	NR
425	95	NR	555	574	NR	685	73	NR	815	2	NR	945	0	NR
430	168	NR	560	586	NR	690	63	NR	820	1	NR	950	0	NR
435	284	NR	565	596	NR	695	54	NR	825	1	NR	955	0	NR
440	452	NR	570	604	NR	700	46	NR	830	1	NR	960	0	NR
445	705	NR	575	606	NR	705	40	NR	835	1	NR	965	0	NR
450	980	NR	580	603	NR	710	34	NR	840	1	NR	970	0	NR
455	869	NR	585	592	NR	715	29	NR	845	1	NR	975	0	NR
460	531	NR	590	577	NR	720	25	NR	850	1	NR	980	0	NR
465	372	NR	595	554	NR	725	22	NR	855	1	NR	985	0	NR
470	268	NR	600	527	NR	730	19	NR	860	1	NR	990	0	NR
475	174	NR	605	497	NR	735	16	NR	865	0	NR	995	0	NR
480	135	NR	610	462	NR	740	14	NR	870	0	NR	1000	0	NR
485	126	NR	615	428	NR	745	12	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



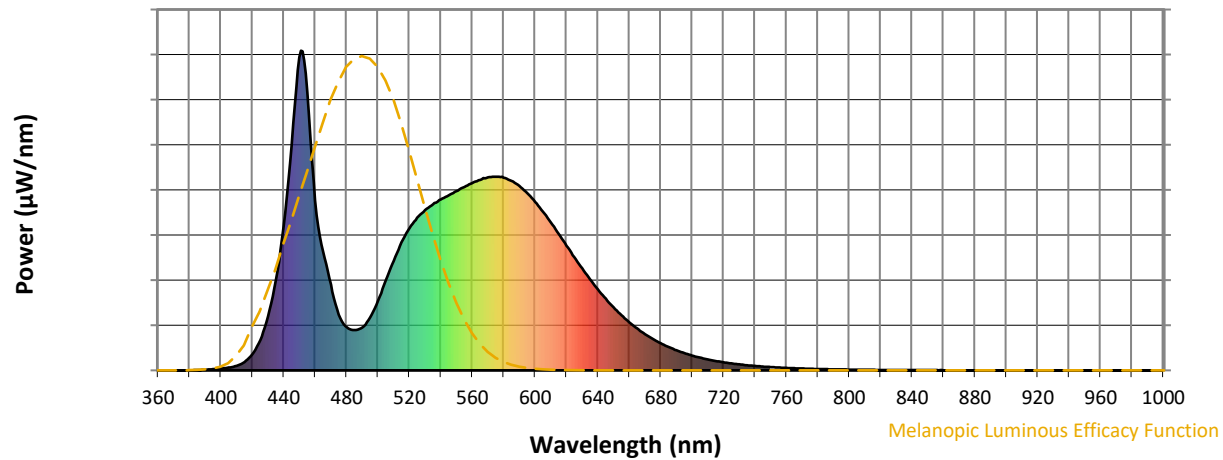
Scotopic Lumens: NR

S/P: 1.82

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	134	NR	620	390	NR	750	10	NR	880	0	NR
365	0	NR	495	165	NR	625	354	NR	755	9	NR	885	0	NR
370	0	NR	500	218	NR	630	319	NR	760	8	NR	890	0	NR
375	0	NR	505	281	NR	635	285	NR	765	7	NR	895	0	NR
380	0	NR	510	343	NR	640	254	NR	770	6	NR	900	0	NR
385	1	NR	515	400	NR	645	224	NR	775	5	NR	905	0	NR
390	2	NR	520	444	NR	650	197	NR	780	4	NR	910	0	NR
395	4	NR	525	477	NR	655	173	NR	785	4	NR	915	0	NR
400	6	NR	530	501	NR	660	150	NR	790	3	NR	920	0	NR
405	9	NR	535	520	NR	665	131	NR	795	3	NR	925	0	NR
410	14	NR	540	534	NR	670	113	NR	800	2	NR	930	0	NR
415	26	NR	545	547	NR	675	98	NR	805	2	NR	935	0	NR
420	50	NR	550	561	NR	680	85	NR	810	2	NR	940	0	NR
425	95	NR	555	574	NR	685	73	NR	815	2	NR	945	0	NR
430	168	NR	560	586	NR	690	63	NR	820	1	NR	950	0	NR
435	284	NR	565	596	NR	695	54	NR	825	1	NR	955	0	NR
440	452	NR	570	604	NR	700	46	NR	830	1	NR	960	0	NR
445	705	NR	575	606	NR	705	40	NR	835	1	NR	965	0	NR
450	980	NR	580	603	NR	710	34	NR	840	1	NR	970	0	NR
455	869	NR	585	592	NR	715	29	NR	845	1	NR	975	0	NR
460	531	NR	590	577	NR	720	25	NR	850	1	NR	980	0	NR
465	372	NR	595	554	NR	725	22	NR	855	1	NR	985	0	NR
470	268	NR	600	527	NR	730	19	NR	860	1	NR	990	0	NR
475	174	NR	605	497	NR	735	16	NR	865	0	NR	995	0	NR
480	135	NR	610	462	NR	740	14	NR	870	0	NR	1000	0	NR
485	126	NR	615	428	NR	745	12	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.75

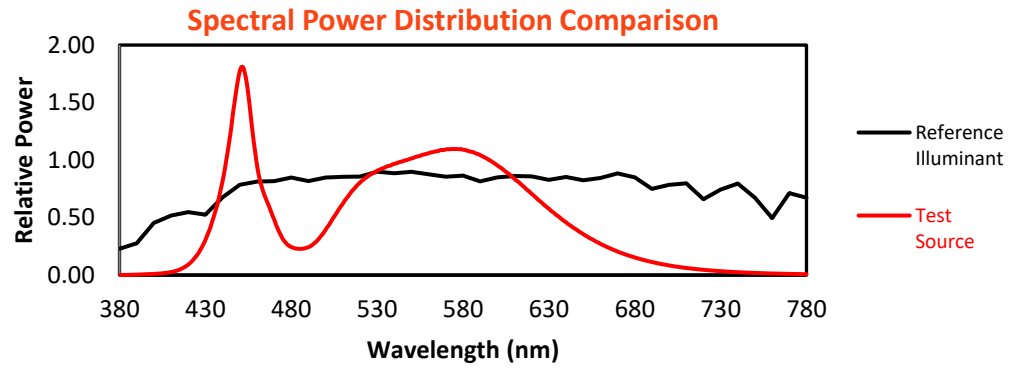
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	134	NR	620	390	NR	750	10	NR	880	0	NR
365	0	NR	495	165	NR	625	354	NR	755	9	NR	885	0	NR
370	0	NR	500	218	NR	630	319	NR	760	8	NR	890	0	NR
375	0	NR	505	281	NR	635	285	NR	765	7	NR	895	0	NR
380	0	NR	510	343	NR	640	254	NR	770	6	NR	900	0	NR
385	1	NR	515	400	NR	645	224	NR	775	5	NR	905	0	NR
390	2	NR	520	444	NR	650	197	NR	780	4	NR	910	0	NR
395	4	NR	525	477	NR	655	173	NR	785	4	NR	915	0	NR
400	6	NR	530	501	NR	660	150	NR	790	3	NR	920	0	NR
405	9	NR	535	520	NR	665	131	NR	795	3	NR	925	0	NR
410	14	NR	540	534	NR	670	113	NR	800	2	NR	930	0	NR
415	26	NR	545	547	NR	675	98	NR	805	2	NR	935	0	NR
420	50	NR	550	561	NR	680	85	NR	810	2	NR	940	0	NR
425	95	NR	555	574	NR	685	73	NR	815	2	NR	945	0	NR
430	168	NR	560	586	NR	690	63	NR	820	1	NR	950	0	NR
435	284	NR	565	596	NR	695	54	NR	825	1	NR	955	0	NR
440	452	NR	570	604	NR	700	46	NR	830	1	NR	960	0	NR
445	705	NR	575	606	NR	705	40	NR	835	1	NR	965	0	NR
450	980	NR	580	603	NR	710	34	NR	840	1	NR	970	0	NR
455	869	NR	585	592	NR	715	29	NR	845	1	NR	975	0	NR
460	531	NR	590	577	NR	720	25	NR	850	1	NR	980	0	NR
465	372	NR	595	554	NR	725	22	NR	855	1	NR	985	0	NR
470	268	NR	600	527	NR	730	19	NR	860	1	NR	990	0	NR
475	174	NR	605	497	NR	735	16	NR	865	0	NR	995	0	NR
480	135	NR	610	462	NR	740	14	NR	870	0	NR	1000	0	NR
485	126	NR	615	428	NR	745	12	NR	875	0	NR			

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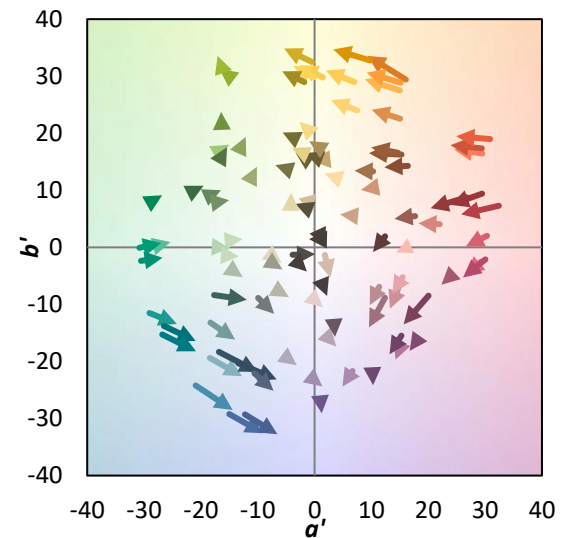
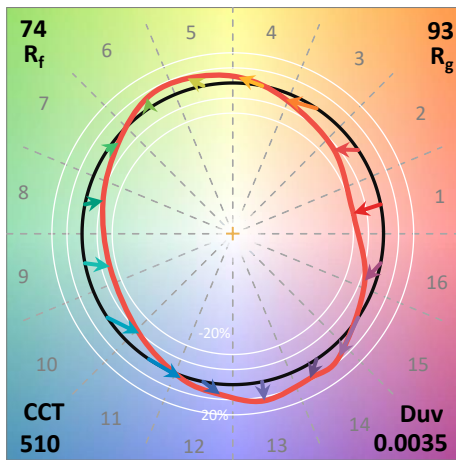
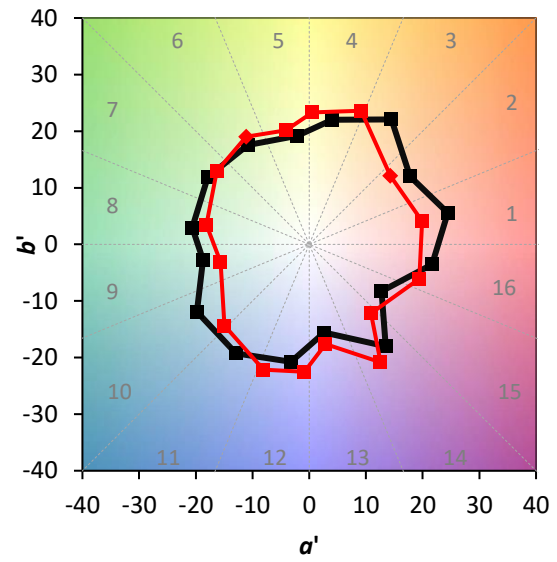
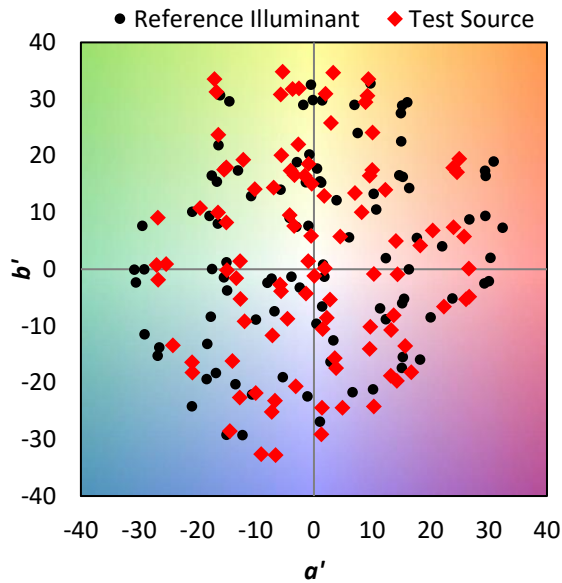
TM-30-18

Summary

$R_f = 74.2$
 $R_g = 92.7$
 $CIE R_a = 72.2$
 $R_g = -38.2$

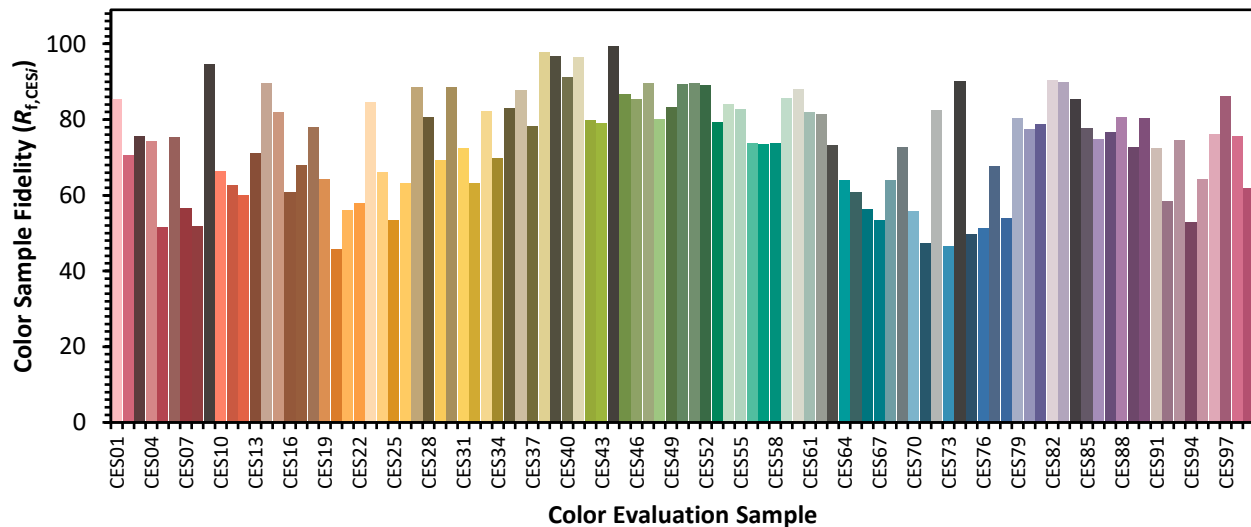


Color Vector Graphics

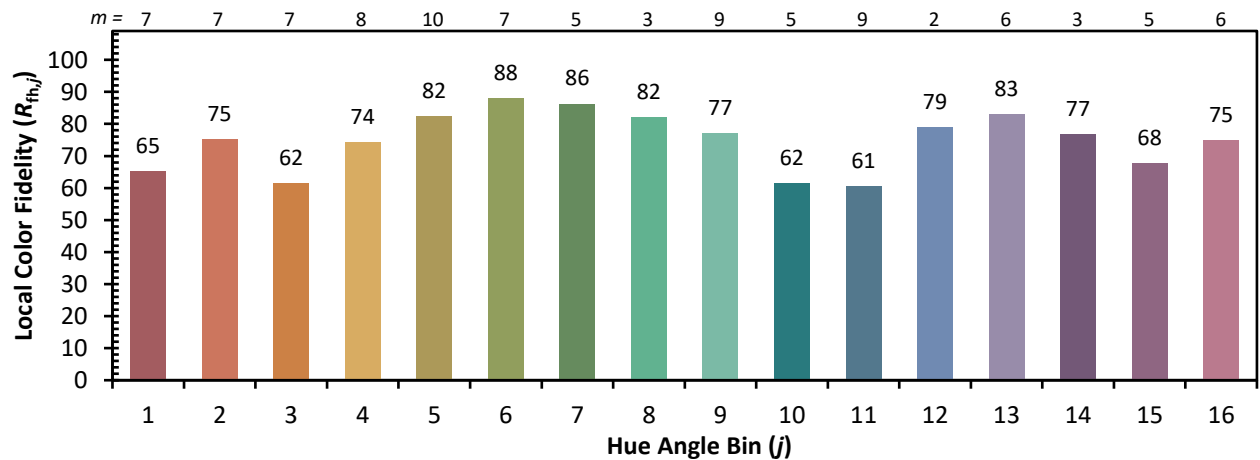
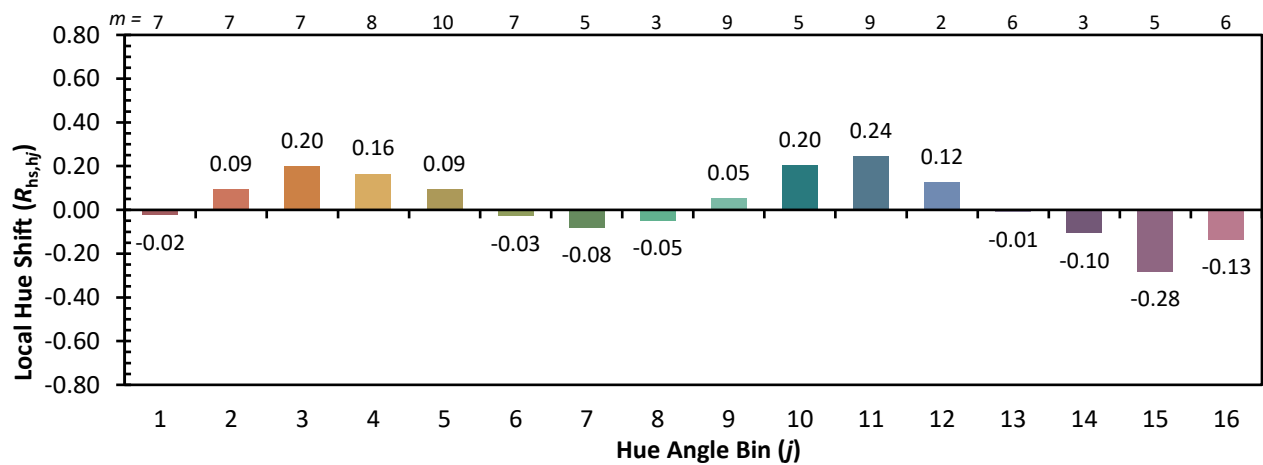
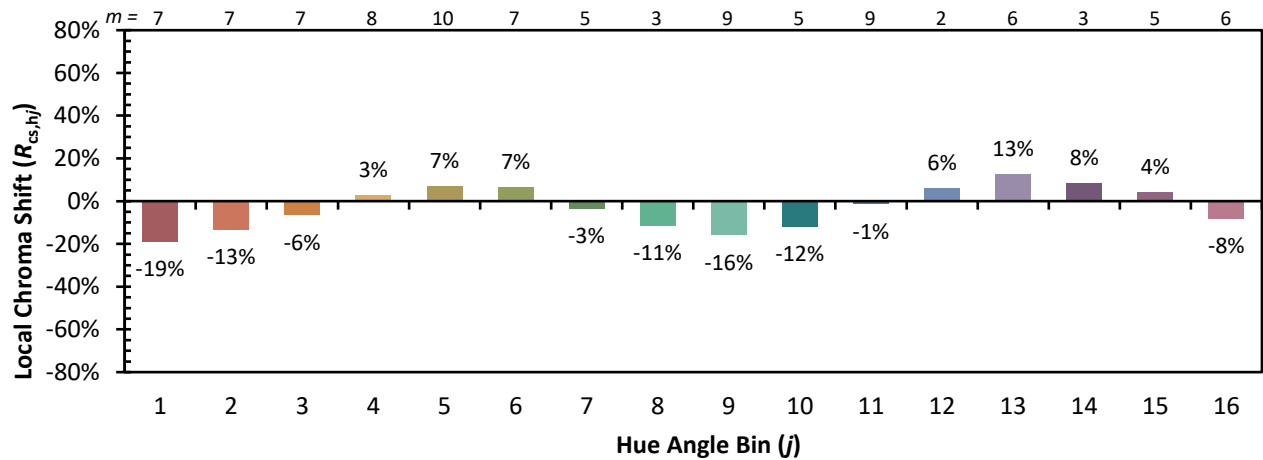


Individual Sample Fidelity Index ($R_{f,i}$)

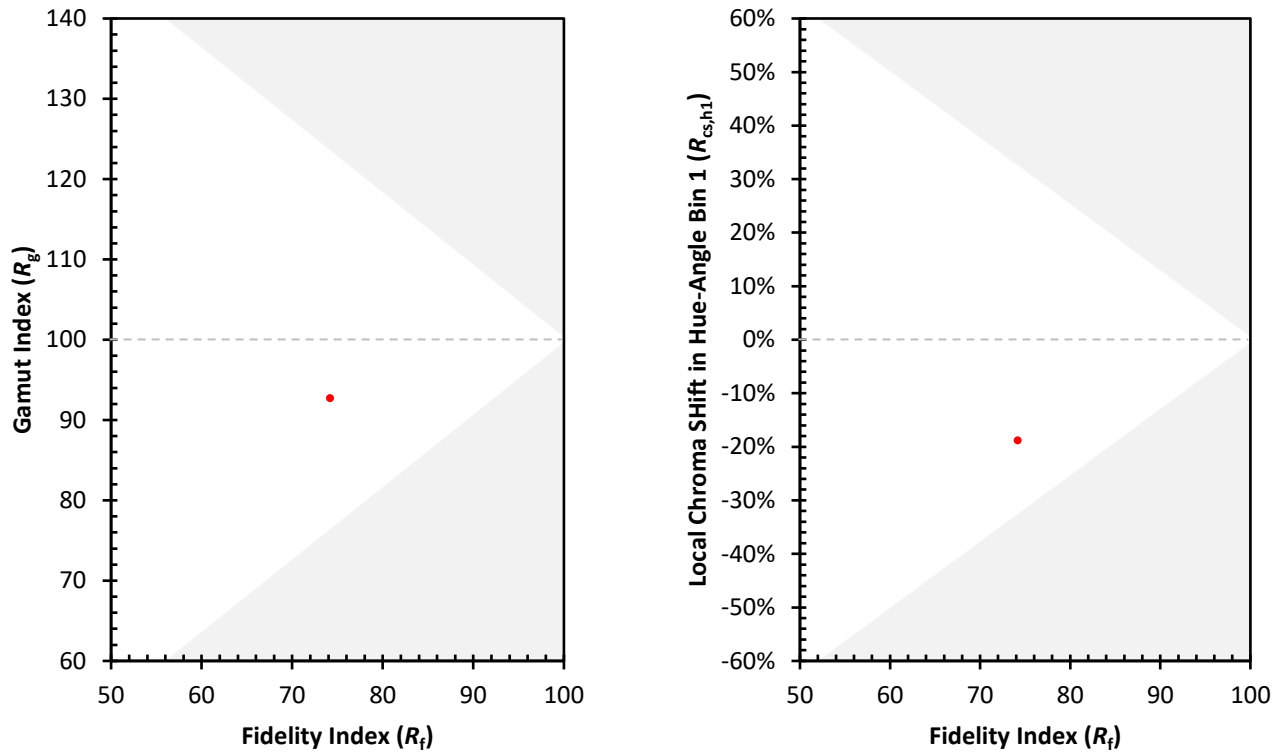
CES01 = 85	CES26 = 63	CES51 = 89	CES76 = 51
CES02 = 59	CES27 = 89	CES52 = 89	CES77 = 68
CES03 = 30	CES28 = 81	CES53 = 79	CES78 = 54
CES04 = 69	CES29 = 69	CES54 = 84	CES79 = 80
CES05 = 46	CES30 = 88	CES55 = 83	CES80 = 77
CES06 = 50	CES31 = 72	CES56 = 74	CES81 = 79
CES07 = 38	CES32 = 63	CES57 = 73	CES82 = 91
CES08 = 38	CES33 = 82	CES58 = 74	CES83 = 90
CES09 = 29	CES34 = 70	CES59 = 86	CES84 = 85
CES10 = 72	CES35 = 83	CES60 = 88	CES85 = 78
CES11 = 56	CES36 = 88	CES61 = 82	CES86 = 75
CES12 = 61	CES37 = 78	CES62 = 81	CES87 = 77
CES13 = 41	CES38 = 98	CES63 = 73	CES88 = 81
CES14 = 74	CES39 = 97	CES64 = 64	CES89 = 73
CES15 = 70	CES40 = 91	CES65 = 61	CES90 = 80
CES16 = 46	CES41 = 96	CES66 = 56	CES91 = 72
CES17 = 49	CES42 = 80	CES67 = 54	CES92 = 58
CES18 = 55	CES43 = 79	CES68 = 64	CES93 = 75
CES19 = 71	CES44 = 99	CES69 = 73	CES94 = 53
CES20 = 63	CES45 = 87	CES70 = 56	CES95 = 64
CES21 = 85	CES46 = 85	CES71 = 47	CES96 = 76
CES22 = 77	CES47 = 90	CES72 = 82	CES97 = 86
CES23 = 91	CES48 = 80	CES73 = 47	CES98 = 76
CES24 = 90	CES49 = 83	CES74 = 90	CES99 = 62
CES25 = 71	CES50 = 89	CES75 = 50	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)