

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: P972296

Luminaire Tested: **GKO-PB1A-722-U-T2R**

Issue Date: 02/27/2025

Test Information

Test Method: LM-79-08
Report Number: P972296
Test Lab: INNOVATION CENTER(G1)
Issue Date: 02/27/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1A-722-U-T2R
Description: GEKKO WALL PACK 750LM PACKAGE 70CRI 2200K FIXTURE w/ TYPE II
ROADWAY DISTRIBUTION OPTIC
Light Source: (10) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 646.7 lumens
Efficiency: N/A
Efficacy: 134.7 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 (A_{in}): 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

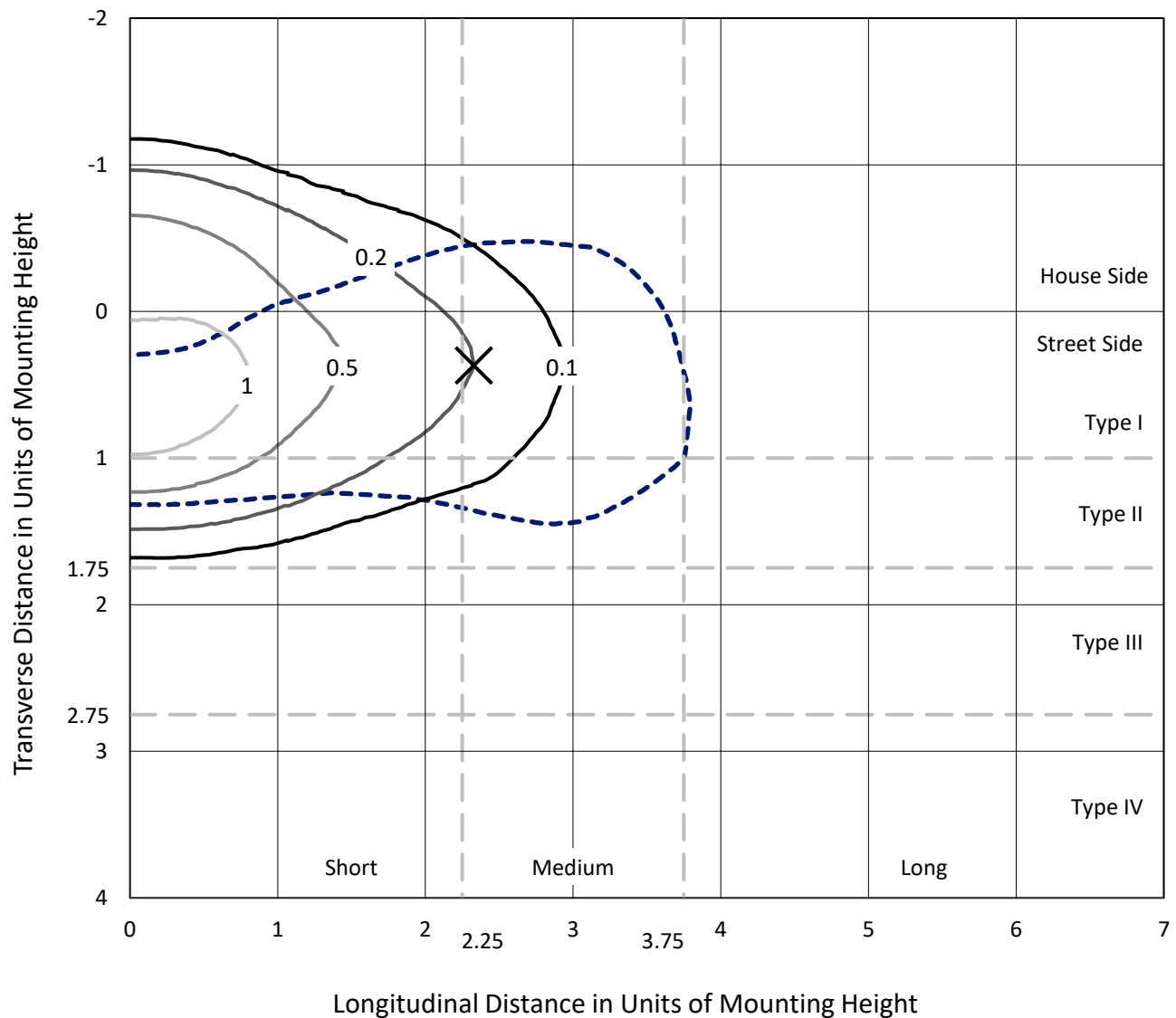
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

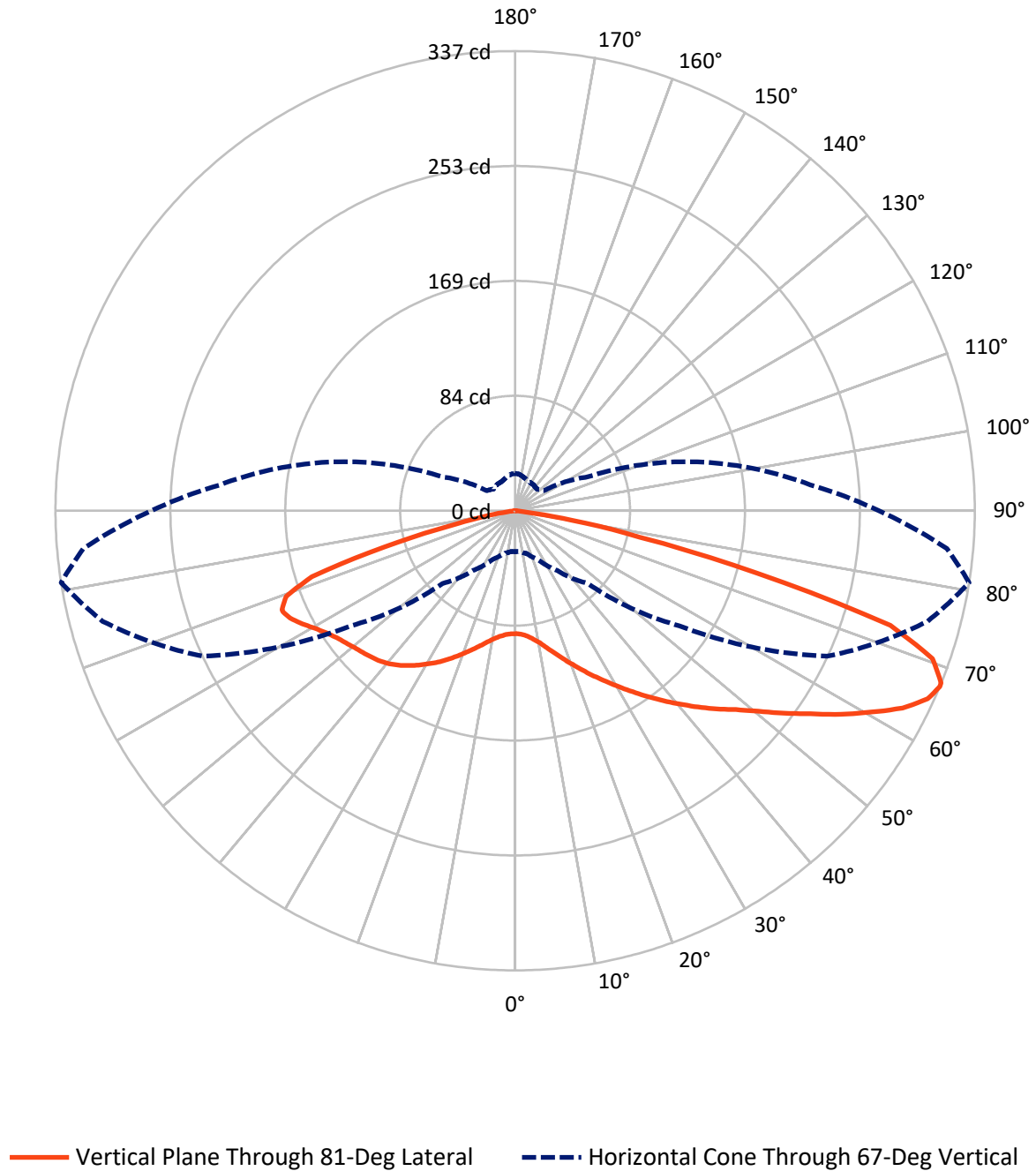


Based on 10 foot mounting height. Maximum calculated value = 1.7 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



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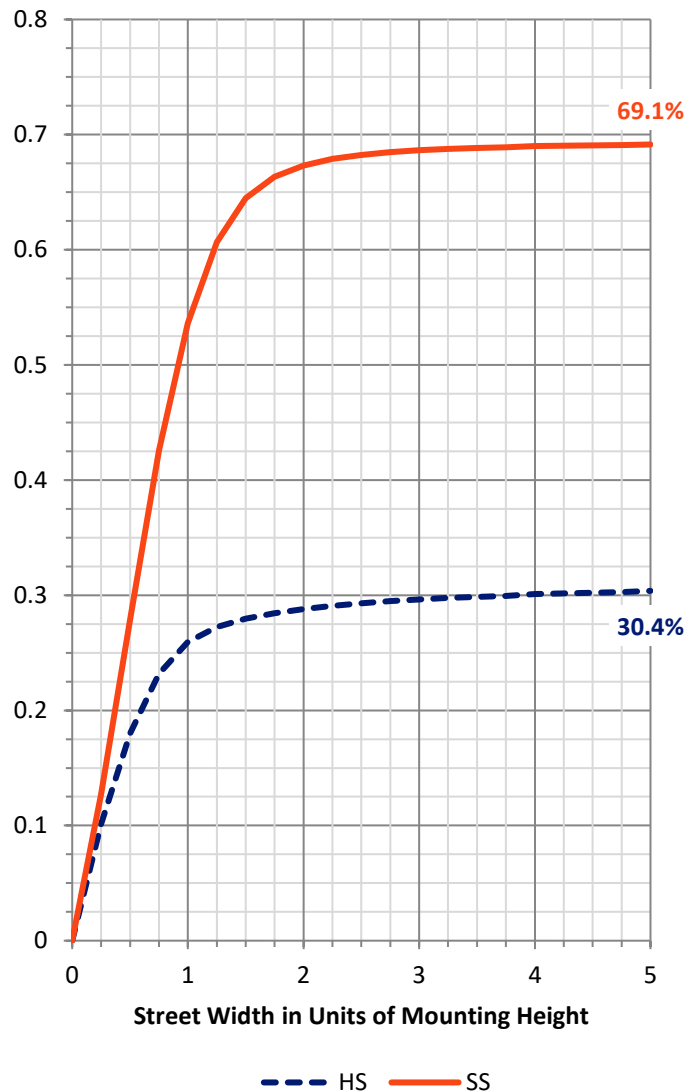
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	199.7	0.0	199.7
	% Fixture	30.9	0.0	30.9
Street Side	Lumens	447.0	0.0	447.0
	% Fixture	69.1	0.0	69.1
Total	Lumens	646.7	0.0	646.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.3	1.4
10°-20°	33.8	5.2
20°-30°	68.4	10.6
30°-40°	107.9	16.7
40°-50°	132.5	20.5
50°-60°	126.6	19.6
60°-70°	106.2	16.4
70°-80°	56.2	8.7
80°-90°	5.8	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°	646.7	100.0
0°-180°	646.7	100.0



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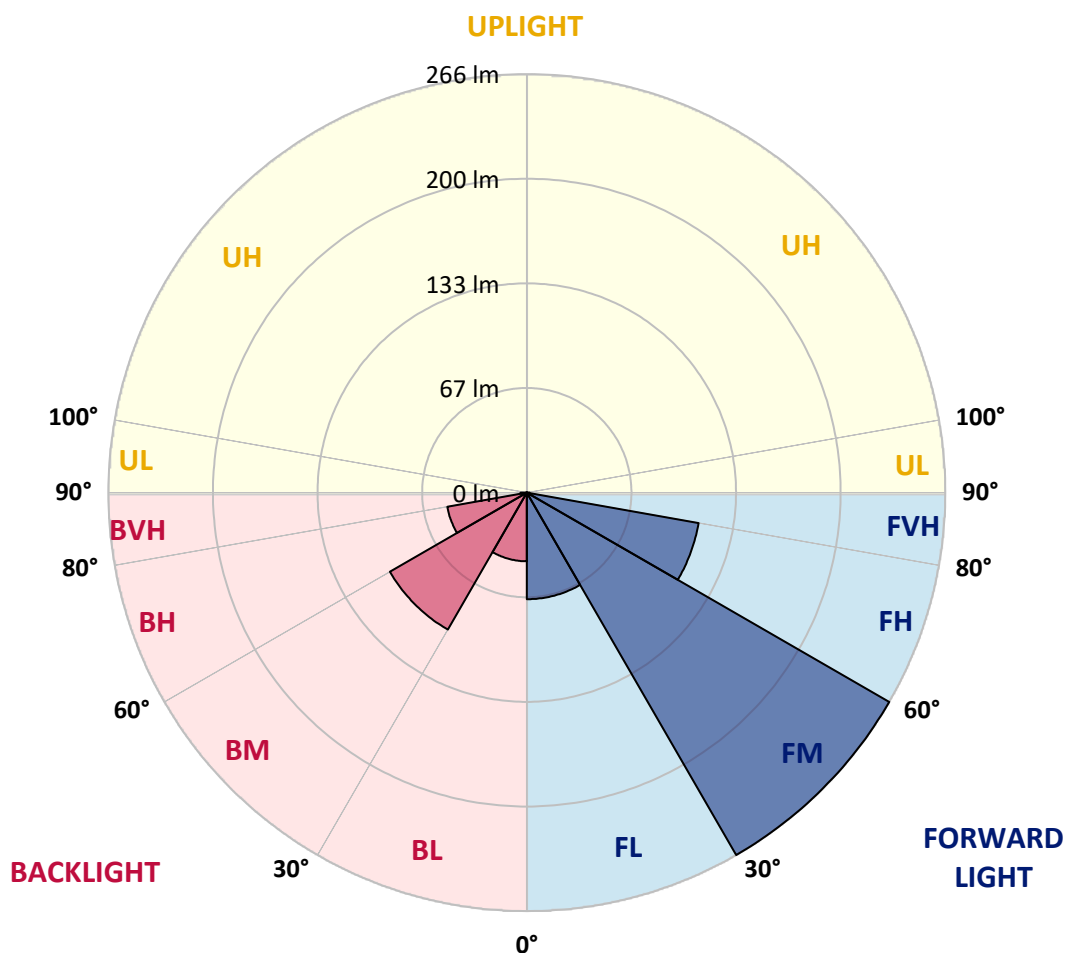
CATALOG NUMBER: GKO-PB1A-722-U-T2R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	67.8	10.5			
FM	(30°-60°)	266.4	41.2			
FH	(60°-80°)	111.0	17.2			G0/660
FVH	(80°-90°)	1.8	0.3			G0/10
BL	(0°-30°)	43.7	6.8	B0/110		
BM	(30°-60°)	100.6	15.6	B0/220		
BH	(60°-80°)	51.4	7.9	B0/110		G0/110
BVH	(80°-90°)	4.0	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-722-U-T2R

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	81°	85°
0°	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
2.5°	95.3	95.5	95.0	94.9	94.4	93.7	92.8	92.2	91.2	90.7	90.5
5°	104.3	103.8	103.5	102.8	101.1	99.6	97.1	95.4	93.6	92.3	91.9
7.5°	115.3	115.6	114.3	112.7	110.3	107.3	103.3	100.1	96.6	95.0	94.3
10°	127.3	128.3	127.1	125.1	120.4	116.0	111.1	105.6	100.9	98.4	97.4
12.5°	141.9	142.6	140.9	138.4	132.7	126.0	119.2	112.2	106.1	103.0	101.2
15°	158.3	157.8	156.2	152.3	145.0	137.6	128.3	119.3	112.0	108.2	105.7
17.5°	175.1	174.5	172.4	167.4	159.1	149.9	138.8	127.5	118.3	114.1	110.8
20°	191.2	190.6	189.1	183.5	173.5	162.1	149.2	136.9	125.5	120.3	116.6
22.5°	209.0	208.5	206.2	199.4	188.6	176.1	161.1	146.4	133.3	127.1	122.6
25°	228.3	228.4	225.8	216.3	204.2	189.6	173.9	157.2	142.1	134.3	129.2
27.5°	250.8	250.7	246.3	236.0	220.8	203.9	186.5	168.4	150.7	141.6	135.8
30°	271.3	270.8	265.8	255.5	238.0	219.0	199.9	179.3	160.5	149.6	142.6
32.5°	286.4	286.5	282.4	271.1	253.9	233.8	212.4	191.6	169.9	158.3	150.5
35°	297.2	297.4	293.4	283.8	267.7	247.5	225.6	203.1	180.4	167.2	158.8
37.5°	300.7	300.7	298.1	290.6	277.4	259.9	238.6	216.2	190.9	176.8	167.2
40°	296.0	296.4	296.3	291.3	282.3	268.4	250.6	228.8	202.7	186.4	175.7
42.5°	285.4	285.6	286.0	284.1	281.3	273.0	260.2	241.7	214.5	196.8	184.1
45°	267.8	268.8	270.6	271.4	272.5	271.9	266.2	253.7	227.6	207.2	192.4
47.5°	245.5	247.1	249.6	254.1	260.2	265.2	267.7	263.0	240.3	217.9	201.7
50°	214.6	216.3	223.0	232.3	244.5	254.2	263.6	269.9	254.5	231.0	212.1
52.5°	171.8	175.5	186.7	204.6	225.6	239.9	254.9	273.2	269.0	246.5	224.5
55°	130.7	132.0	146.5	167.9	200.3	224.6	243.0	271.5	282.6	262.7	238.6
57.5°	91.3	92.8	105.4	128.8	164.7	204.6	231.2	265.7	295.0	281.8	254.8
60°	64.8	66.5	75.9	93.2	128.0	175.4	220.1	258.3	305.8	299.8	273.5
62.5°	47.1	48.0	53.0	67.6	92.4	137.1	204.4	253.4	313.3	318.7	292.7
65°	36.1	37.0	39.8	49.0	68.3	100.2	176.2	253.3	315.3	332.5	309.2
67°	30.1	29.9	32.4	39.4	53.3	75.4	147.1	252.3	313.1	337.0	317.7
67.5°	28.5	29.0	30.9	36.8	50.4	69.4	140.8	250.7	312.3	336.8	318.3
70°	22.6	22.8	24.5	29.1	37.9	50.4	101.3	234.9	301.1	324.7	311.4
72.5°	16.6	16.5	19.1	22.0	29.0	36.6	67.9	197.3	276.7	287.7	276.8
75°	12.3	12.1	13.5	16.8	20.7	27.3	44.1	128.7	187.4	183.0	169.0
77.5°	8.2	8.4	9.7	12.4	14.7	17.0	22.0	59.3	103.2	93.3	89.8
80°	4.9	4.6	5.4	7.1	8.5	8.7	9.4	25.6	44.3	42.2	39.6
82.5°	1.7	1.7	2.1	2.8	2.8	2.8	3.5	6.2	8.8	8.0	7.7
85°	0.0	0.0	0.0	0.0	0.2	0.4	0.2	0.5	0.9	1.0	1.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.5	0.5
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-722-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
2.5°	90.5	90.5	90.1	89.6	89.3	89.2	88.9	88.4	88.7	89.1	89.1
5°	91.7	91.4	90.7	90.2	89.8	89.8	89.3	89.2	89.6	90.0	89.8
7.5°	93.7	93.2	92.3	91.6	91.7	91.8	91.1	91.1	91.4	91.8	91.8
10°	96.4	95.5	94.7	94.0	94.2	94.3	93.6	93.3	93.7	94.0	94.3
12.5°	99.9	98.8	97.8	97.1	97.0	97.1	96.4	96.2	96.2	96.4	96.4
15°	103.9	102.7	101.5	100.6	100.4	100.2	99.2	98.4	98.4	98.5	98.5
17.5°	108.7	106.9	105.3	104.3	103.7	102.8	101.7	100.5	100.1	100.2	100.2
20°	113.4	111.5	109.4	108.0	106.8	105.3	103.6	102.0	101.2	101.2	101.1
22.5°	118.8	116.3	113.5	111.6	109.4	106.9	104.4	102.3	101.6	101.3	101.3
25°	124.4	121.5	117.4	114.6	111.4	107.8	104.6	101.7	100.5	100.0	100.0
27.5°	130.1	126.7	121.4	117.3	112.6	107.7	103.3	99.7	98.0	97.4	97.1
30°	136.5	131.7	124.9	119.3	112.9	106.5	101.0	96.8	94.2	92.7	92.8
32.5°	143.2	137.1	128.1	120.5	112.5	104.4	97.4	92.1	88.7	87.4	86.9
35°	150.0	142.3	130.9	121.1	111.2	101.2	92.8	86.9	83.2	81.2	81.2
37.5°	156.9	147.8	132.9	121.0	109.0	97.0	87.5	81.2	76.8	74.4	73.8
40°	163.7	152.8	134.4	120.0	105.7	91.9	81.8	75.0	69.2	66.0	65.5
42.5°	170.4	157.0	135.1	118.4	101.7	86.4	75.4	66.2	60.6	57.7	57.5
45°	176.5	160.4	135.3	116.3	96.5	80.1	66.7	57.9	52.3	49.3	49.3
47.5°	182.4	164.1	135.1	113.6	90.8	71.9	57.5	49.0	43.9	42.0	41.3
50°	189.6	167.8	135.0	110.3	83.5	62.1	48.6	41.3	37.0	35.0	35.0
52.5°	196.9	172.1	135.3	105.6	74.9	52.6	40.7	34.3	31.4	30.2	30.1
55°	206.3	176.7	135.9	100.0	65.8	43.3	33.9	29.6	27.6	27.0	27.1
57.5°	217.7	183.0	137.1	93.4	55.3	35.5	29.1	26.7	26.2	26.5	26.6
60°	230.7	190.8	138.8	86.0	46.0	29.6	26.2	25.7	26.2	27.2	27.3
62.5°	245.8	200.2	141.1	77.7	36.9	26.0	25.0	25.4	25.7	27.3	27.5
65°	259.1	210.4	141.6	67.9	29.9	23.6	24.3	24.5	25.5	27.3	27.5
67°	266.7	217.3	138.2	58.7	25.6	22.4	23.3	23.5	25.2	27.1	27.3
67.5°	267.5	218.8	136.0	56.3	24.7	22.2	23.0	23.5	25.2	27.1	27.2
70°	264.9	217.8	121.1	42.4	20.4	20.4	21.4	22.5	24.3	26.2	27.1
72.5°	241.8	198.6	93.8	28.8	17.3	18.4	19.9	21.5	23.1	25.5	27.0
75°	152.8	127.8	57.4	19.3	14.5	16.5	18.8	20.7	22.0	23.8	24.7
77.5°	81.7	63.2	24.7	11.4	11.4	14.6	17.4	19.2	19.9	20.5	21.2
80°	38.6	29.5	12.0	6.8	7.9	11.4	15.5	17.3	17.6	18.3	18.6
82.5°	7.7	6.7	4.0	3.6	5.2	8.2	12.9	15.0	15.1	16.3	16.6
85°	1.0	0.9	0.6	1.4	3.3	6.1	9.9	12.9	13.1	13.1	12.9
87.5°	0.5	0.4	0.4	1.0	2.5	4.6	8.2	10.8	10.9	8.5	8.3
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

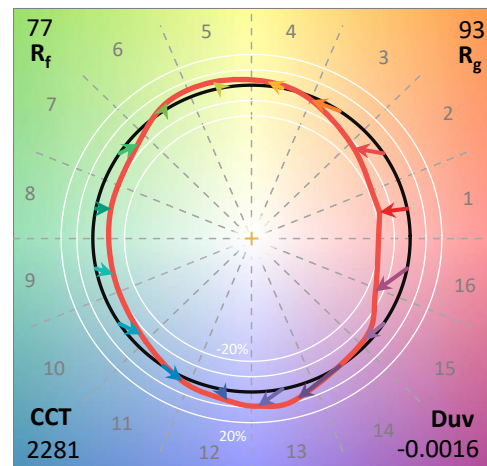
Data in this report applies to families of products including GKO-PB1E-722-U-T4W

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

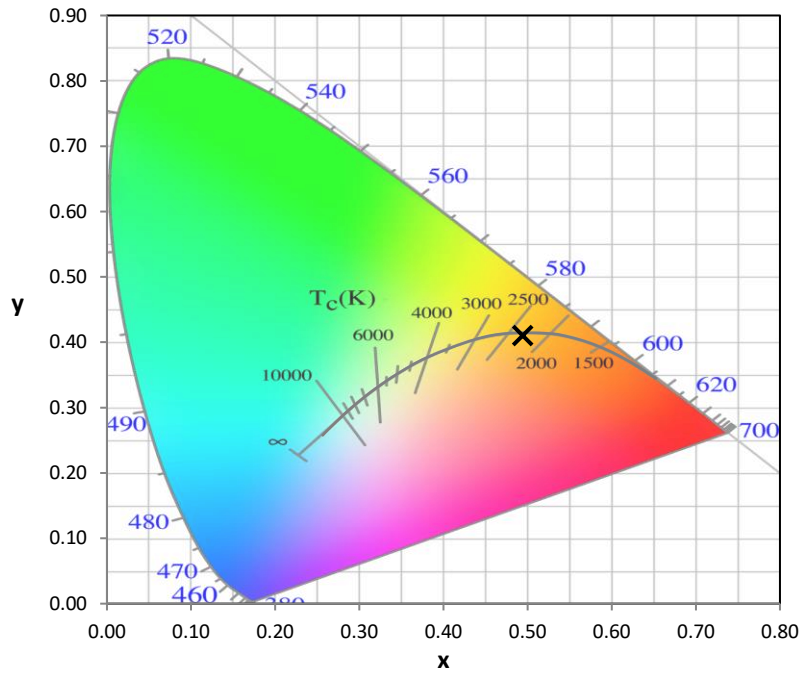
Stabilization Time: 40M
 Operation Time: 1H 40M
 Sphere Temperature (°C): 25.0

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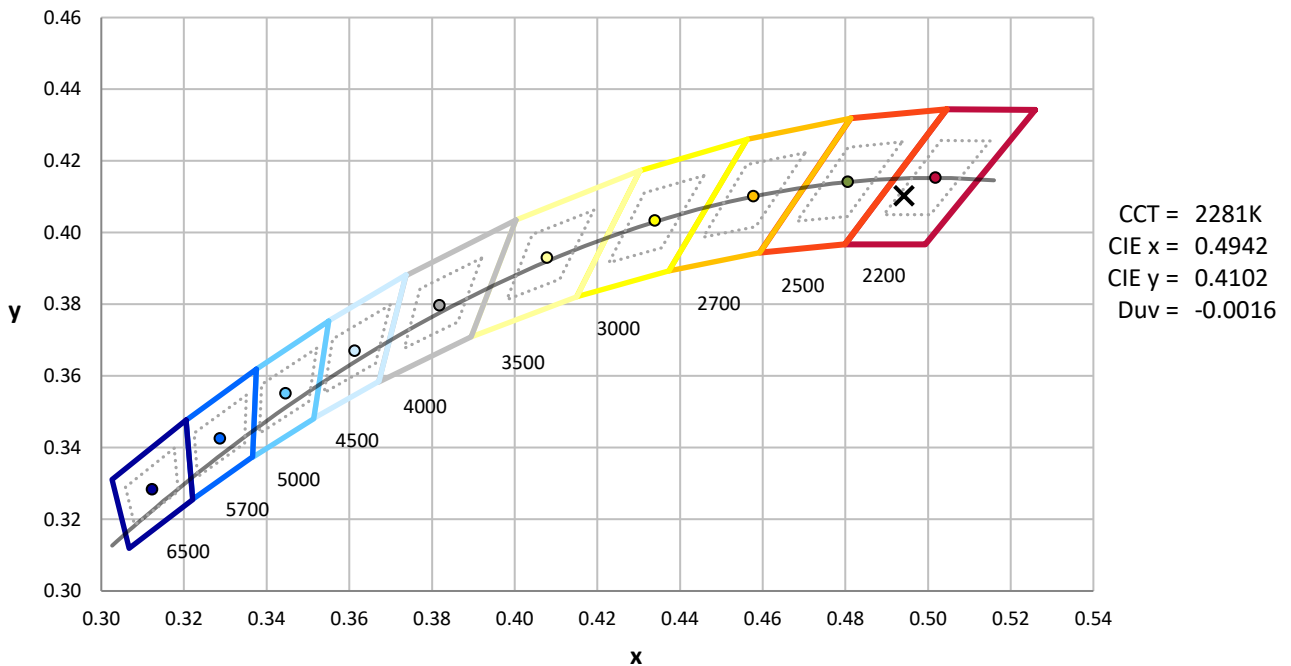
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

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CIE 1931 Chromaticity Diagram



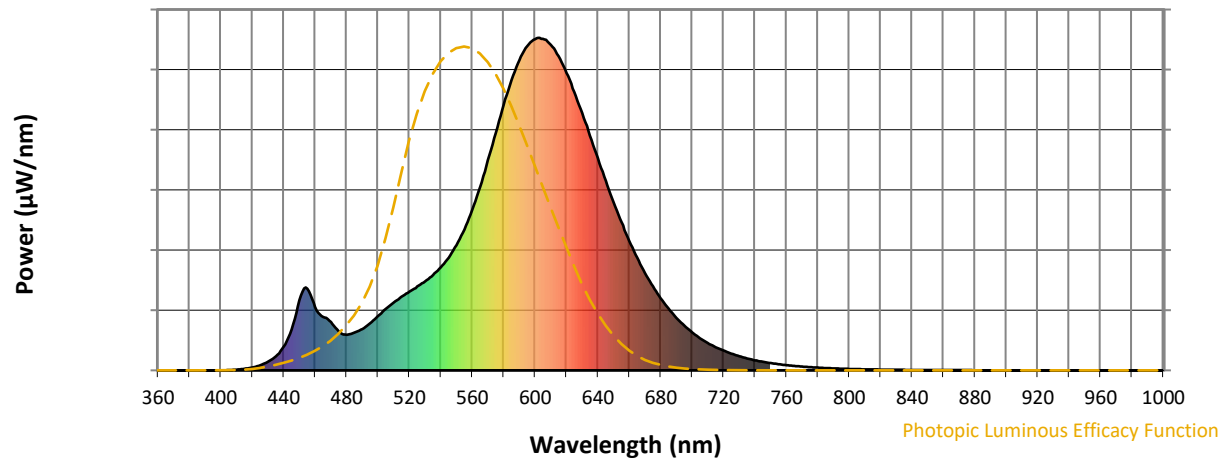
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2200K 4-step quadrangle

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Photopic Flux vs. Wavelength

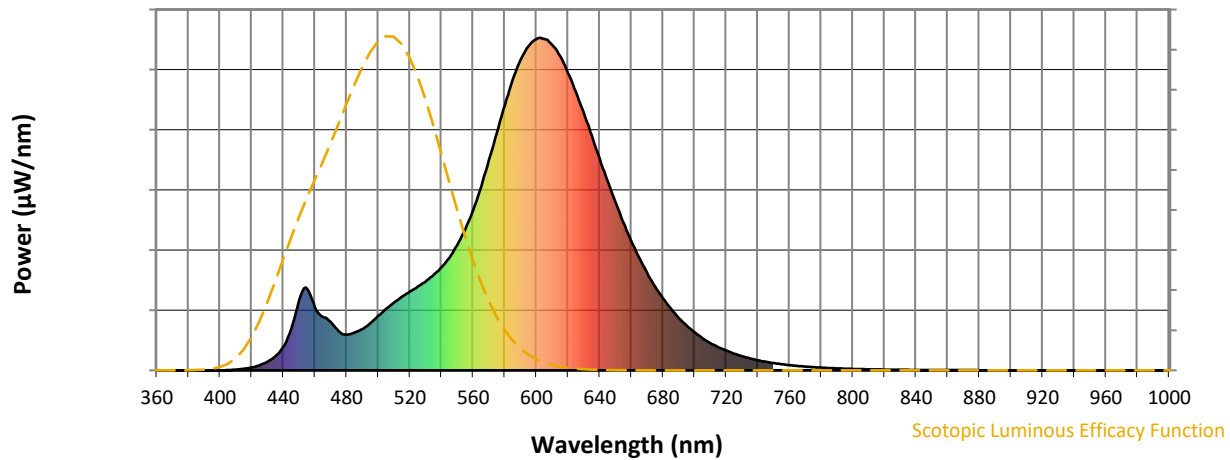


Photopic Lumens: NR

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



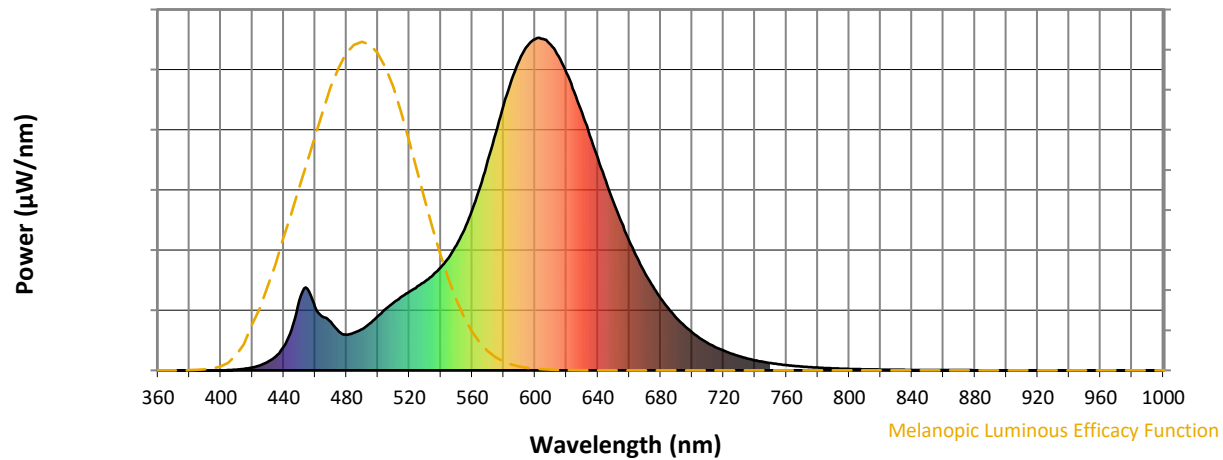
Scotopic Lumens: NR

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

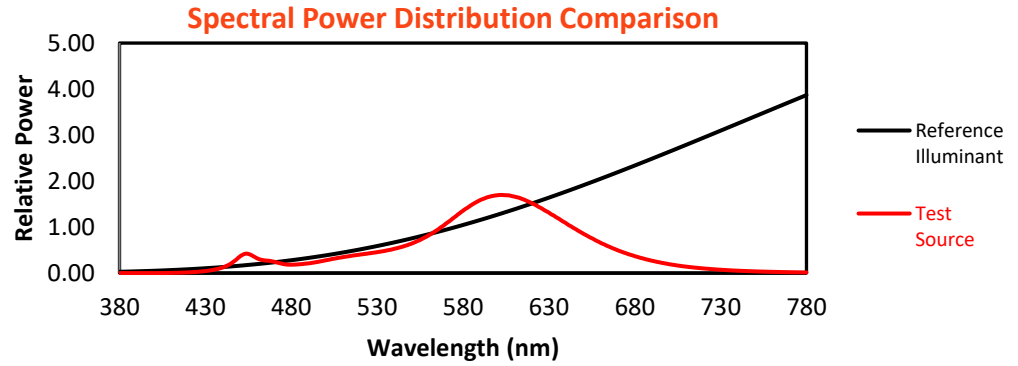
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	124	NR	620	894	NR	750	22	NR	880	0	NR
365	0	NR	495	141	NR	625	837	NR	755	19	NR	885	0	NR
370	0	NR	500	163	NR	630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

REPORT NUMBER: SP2-2501-321-2

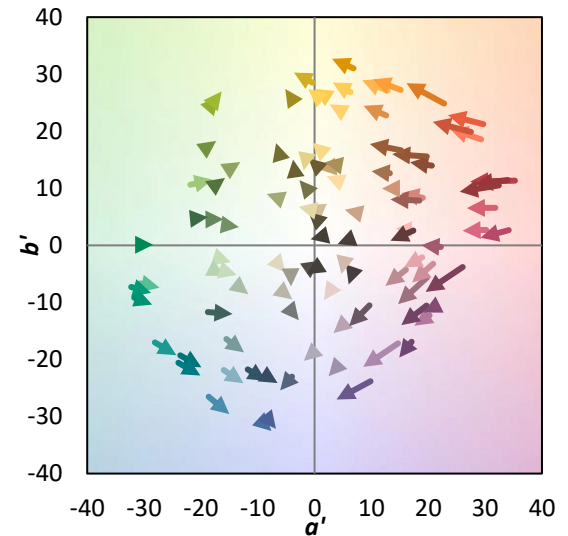
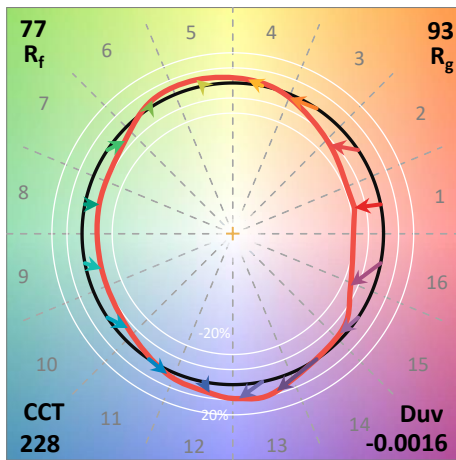
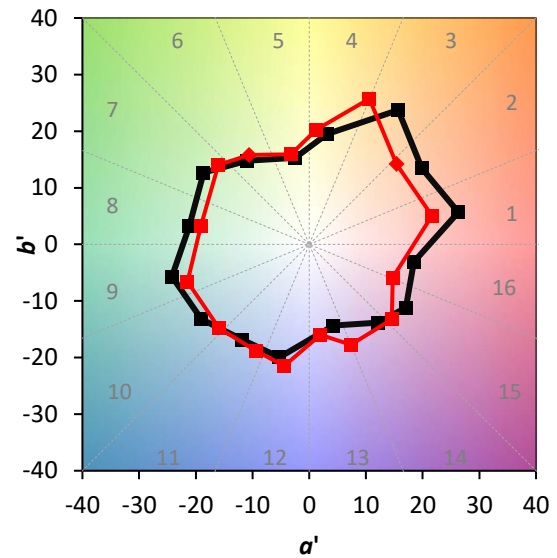
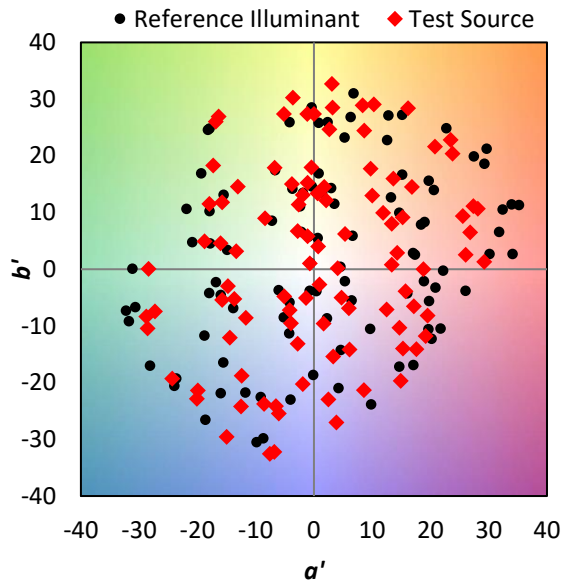
TM-30-18

Summary

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

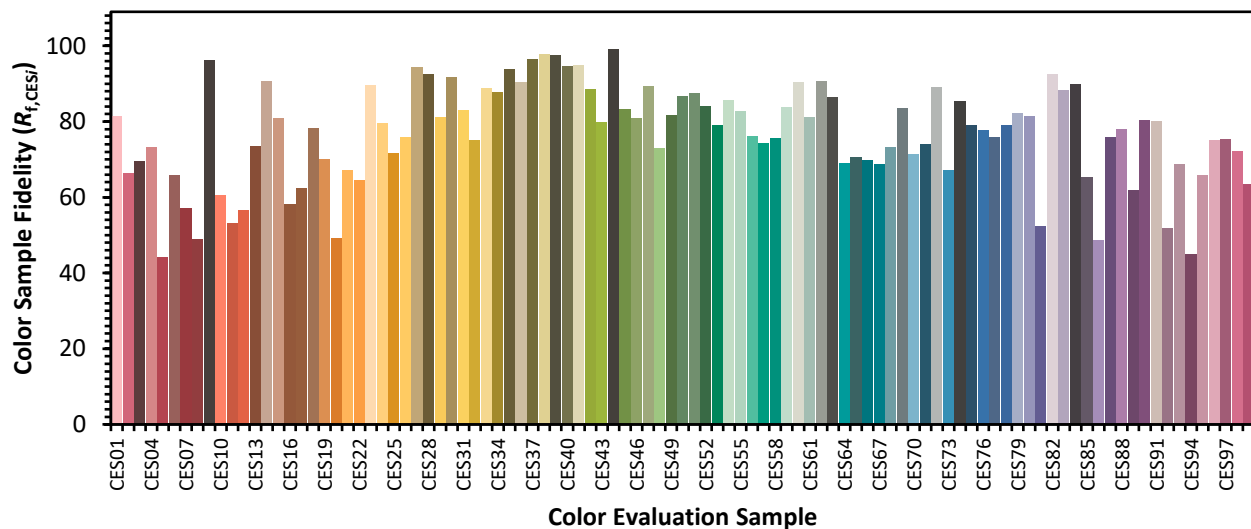


Color Vector Graphics

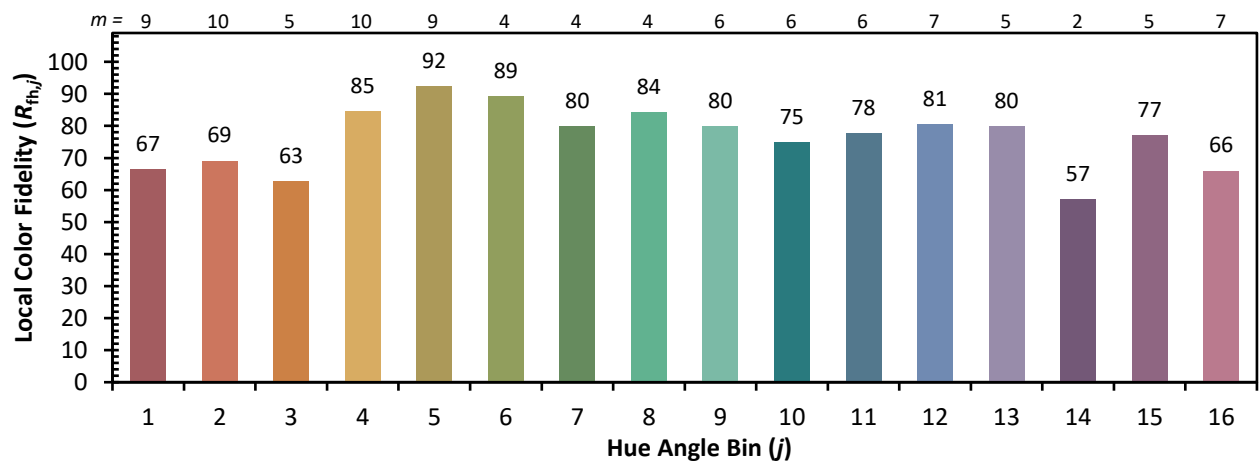
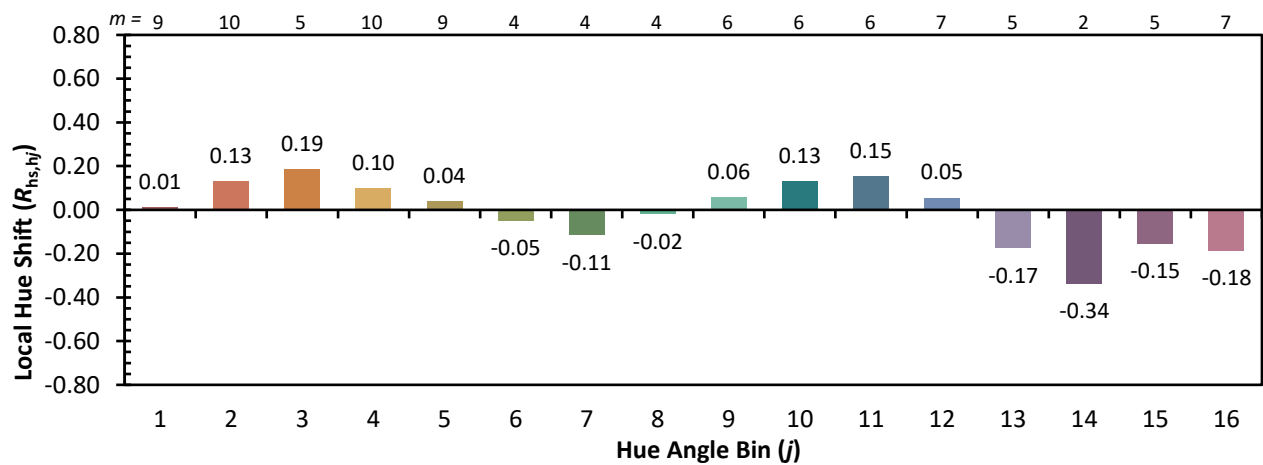
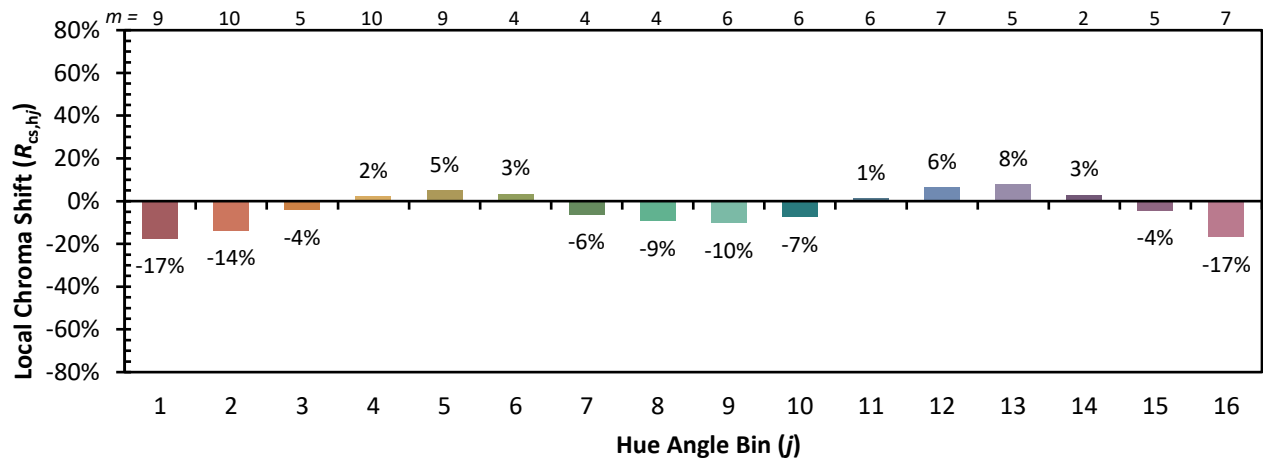


Individual Sample Fidelity Index ($R_{f,i}$)

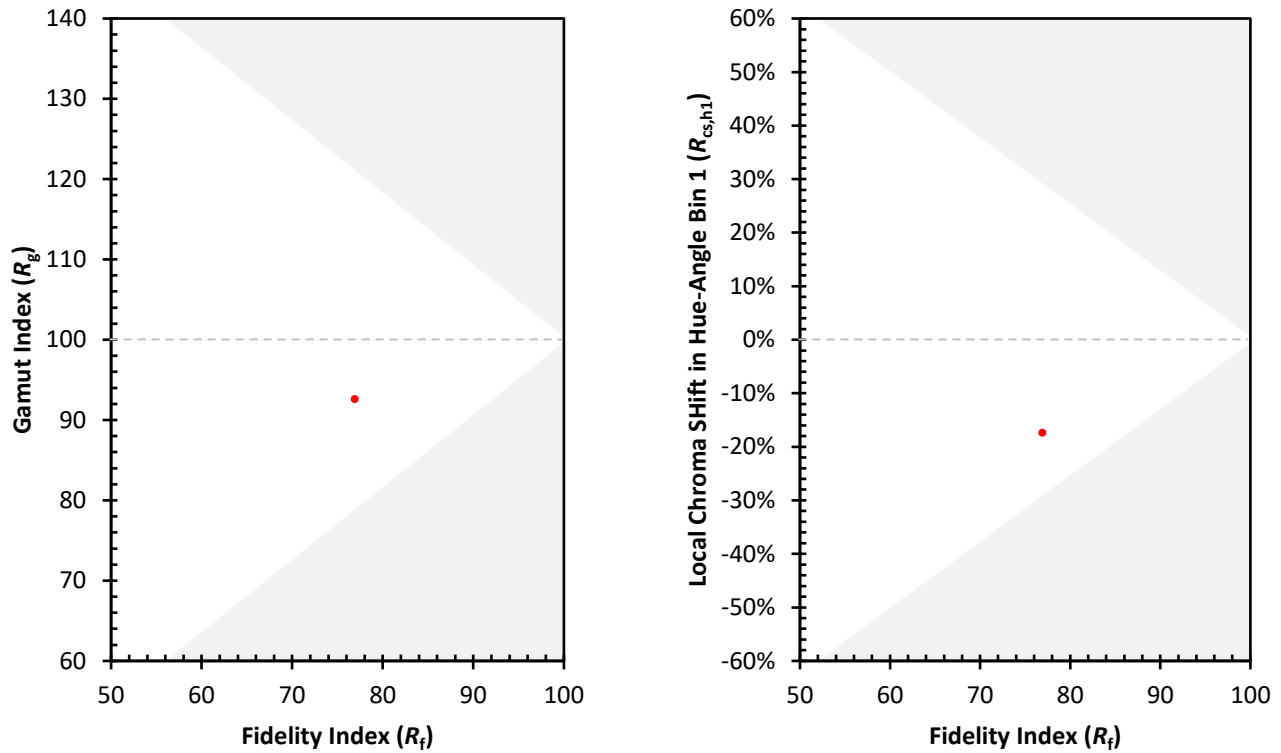
CES01 = 87	CES26 = 76	CES51 = 88	CES76 = 78
CES02 = 65	CES27 = 94	CES52 = 84	CES77 = 76
CES03 = 32	CES28 = 93	CES53 = 79	CES78 = 79
CES04 = 72	CES29 = 81	CES54 = 86	CES79 = 82
CES05 = 51	CES30 = 92	CES55 = 83	CES80 = 81
CES06 = 52	CES31 = 83	CES56 = 76	CES81 = 52
CES07 = 44	CES32 = 75	CES57 = 74	CES82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