

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: P972205

Luminaire Tested: **GKO-PB1B-727-U-T4W**

Issue Date: 02/27/2025



Test Information

Test Method: LM-79-08
Report Number: P972205
Test Lab: INNOVATION CENTER(G1)
Issue Date: 02/27/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1B-727-U-T4W
Description: GEKKO WALL PACK 1500LM PACKAGE 70CRI 2700K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source: (10) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1334 lumens
Efficiency: N/A
Efficacy: 143.4 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G1

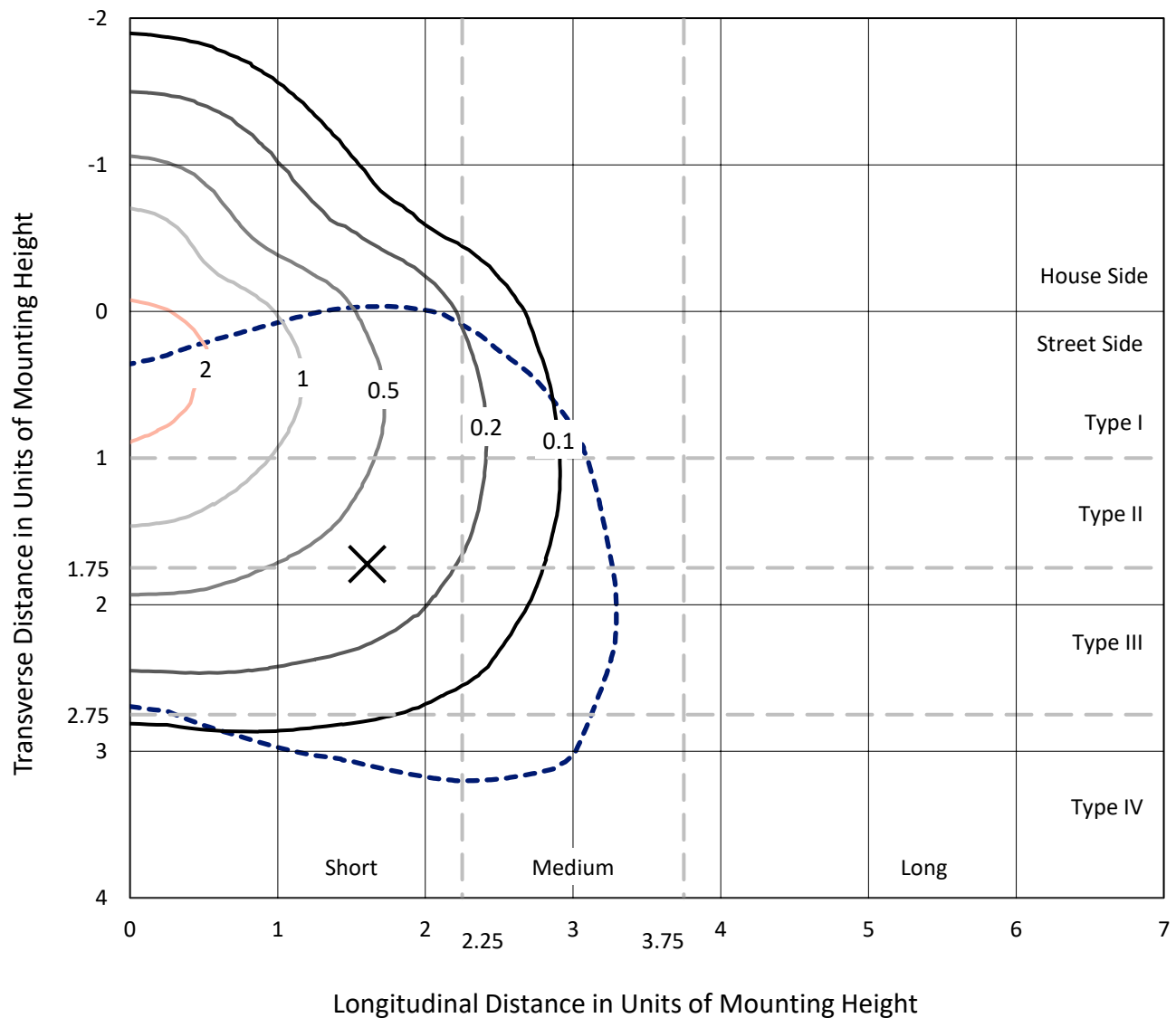
Input Watts (W): 9.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 14%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P972205

CATALOG NUMBER: GKO-PB1B-727-U-T4W

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

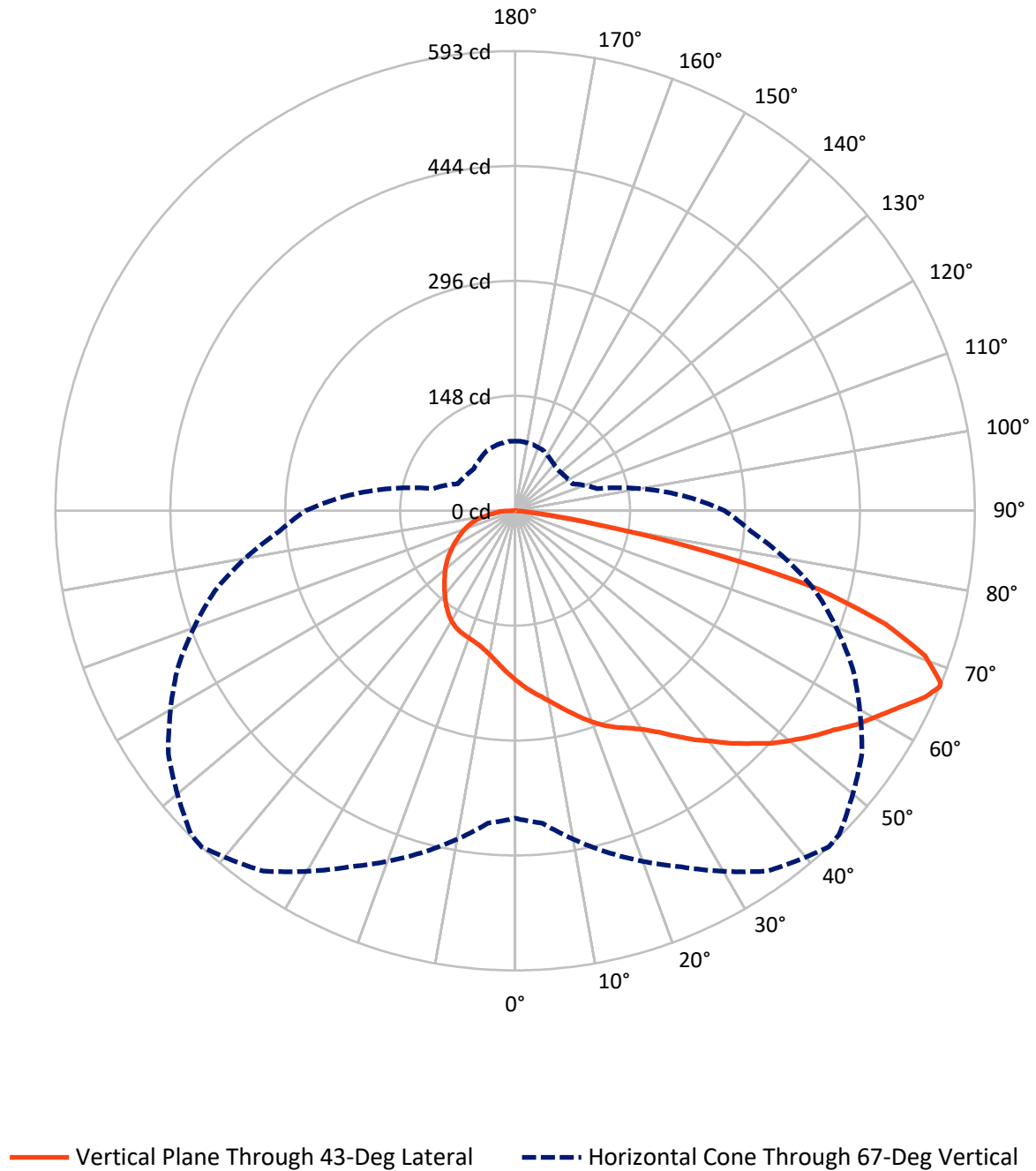


Based on 10 foot mounting height. Maximum calculated value = 2.5 fc
 Type IV - Short - N/A

REPORT NUMBER: P972205

CATALOG NUMBER: GKO-PB1B-727-U-T4W

Luminous Intensity Polar Plot



REPORT NUMBER: P972205

CATALOG NUMBER: GKO-PB1B-727-U-T4W

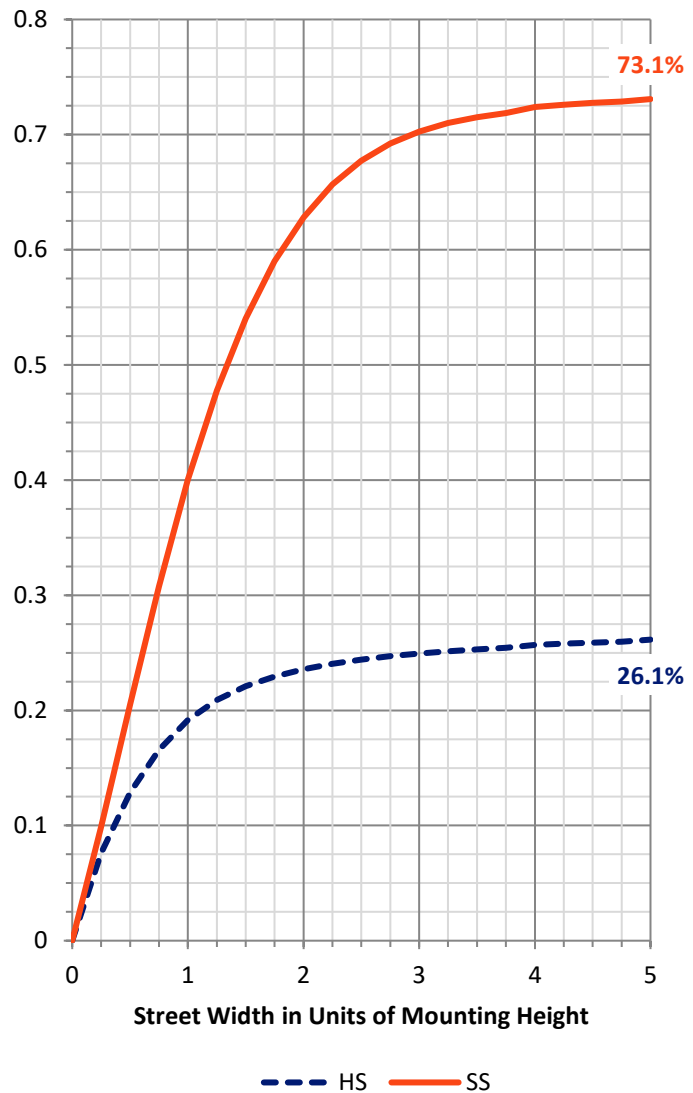
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	358.8	0.0	358.8
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	975.2	0.0	975.2
	% Fixture	73.1	0.0	73.1
Total	Lumens	1334.0	0.0	1334.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.9	1.6
10°-20°	64.3	4.8
20°-30°	111.4	8.3
30°-40°	165.3	12.4
40°-50°	224.5	16.8
50°-60°	275.6	20.7
60°-70°	290.5	21.8
70°-80°	160.3	12.0
80°-90°	21.1	1.6
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°	1334.0	100.0
0°-180°	1334.0	100.0



REPORT NUMBER: P972205

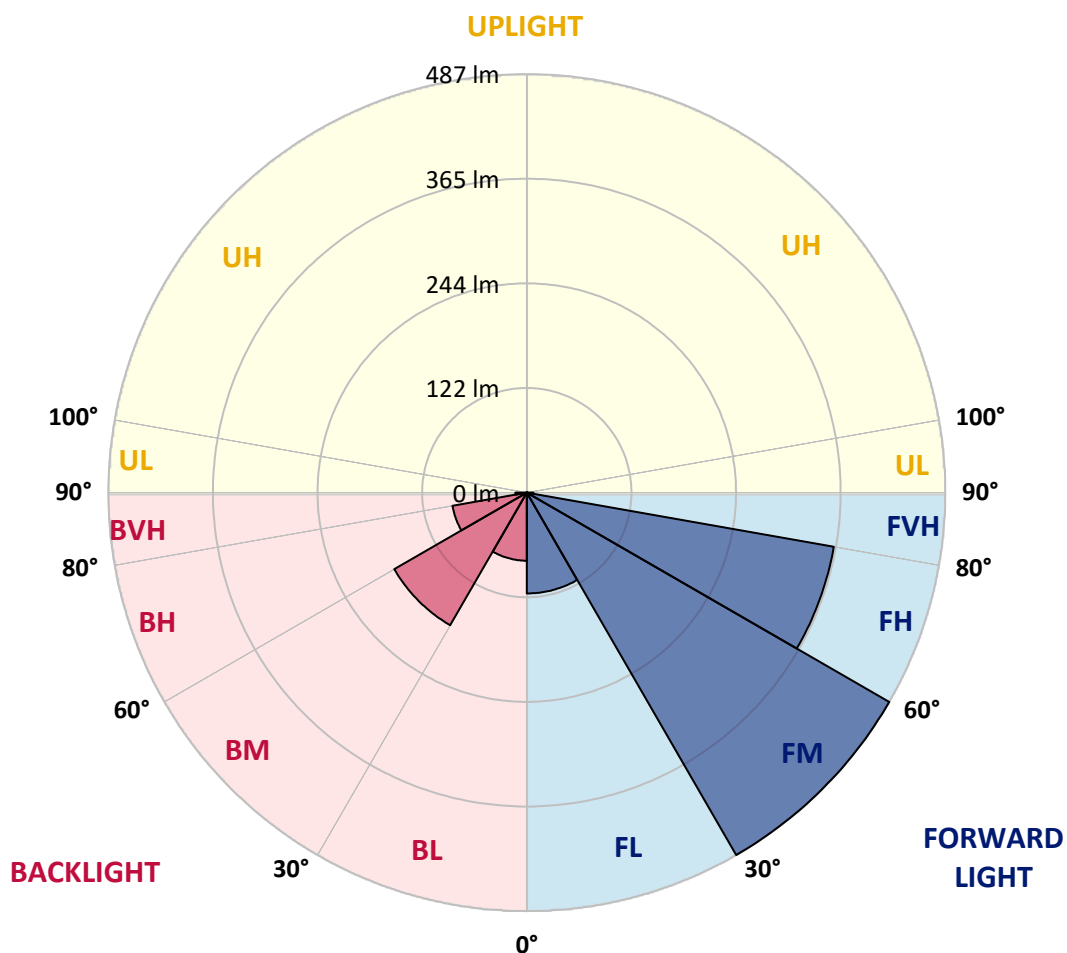
CATALOG NUMBER: GKO-PB1B-727-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	117.4	8.8			
FM	(30°-60°)	487.2	36.5			
FH	(60°-80°)	362.9	27.2			G0/660
FVH	(80°-90°)	7.7	0.6			G0/10
BL	(0°-30°)	79.3	5.9	B0/110		
BM	(30°-60°)	178.2	13.4	B0/220		
BH	(60°-80°)	87.9	6.6	B0/110		G0/110
BVH	(80°-90°)	13.4	1.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1

Type IV Short



REPORT NUMBER: P972205

CATALOG NUMBER: GKO-PB1B-727-U-T4W

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	219.0	219.0	219.0	219.0	219.0	219.0	219.0	219.0	219.0	219.0	219.0
2.5°	229.1	229.6	229.1	228.6	227.5	227.0	226.4	225.1	223.5	221.1	219.2
5°	239.2	239.2	238.4	237.9	236.3	234.7	233.9	230.7	227.2	223.2	219.5
7.5°	248.6	249.7	248.3	247.0	244.6	241.9	241.4	236.6	231.8	226.4	220.8
10°	260.3	261.1	259.3	258.2	253.7	250.2	249.1	243.2	236.8	230.2	223.0
12.5°	272.4	272.9	271.6	269.1	264.3	260.1	258.5	250.7	242.4	234.4	225.4
15°	282.8	283.3	282.8	280.1	275.6	270.2	268.1	259.5	249.4	239.0	228.3
17.5°	290.5	291.6	291.6	290.2	286.2	281.2	279.8	269.1	257.4	244.3	231.8
20°	297.2	297.7	298.8	298.0	295.9	291.6	289.7	279.6	265.4	250.5	235.2
22.5°	302.5	303.1	304.9	304.7	303.3	301.2	299.3	290.0	274.8	256.6	238.4
25°	311.9	311.6	312.7	311.9	310.3	309.5	308.4	300.1	284.1	263.8	242.7
27.5°	328.2	327.6	326.6	322.6	318.5	317.5	316.7	310.8	295.1	272.1	247.5
30°	352.2	352.7	347.7	338.6	330.6	327.4	326.3	322.3	307.3	281.7	252.9
32.5°	380.8	380.5	372.2	359.4	346.9	340.4	338.3	334.0	319.6	291.3	259.0
35°	401.3	400.8	396.5	385.0	371.9	356.7	352.7	346.0	332.7	302.3	265.1
37.5°	429.1	428.3	420.0	408.0	396.2	374.4	369.8	360.7	345.2	312.9	272.1
40°	460.9	455.8	442.2	429.9	413.9	390.6	386.9	375.2	359.7	326.0	280.1
42.5°	489.7	482.2	464.6	449.1	429.1	409.9	405.1	391.2	373.6	338.0	288.4
45°	533.0	514.8	489.4	480.4	445.6	428.0	424.0	406.9	388.8	351.1	296.7
47.5°	527.6	514.8	506.5	505.5	463.0	447.8	441.9	424.3	405.1	365.0	305.2
50°	538.0	527.9	528.4	515.3	478.8	464.6	460.3	442.4	421.6	378.6	314.3
52.5°	535.9	538.8	537.2	516.9	494.0	482.2	479.0	461.1	437.4	391.7	322.3
55°	553.0	551.4	547.9	527.9	510.8	498.8	496.1	480.6	453.4	402.9	329.2
57.5°	565.5	557.3	557.0	540.2	529.5	519.6	515.3	500.7	468.3	412.8	334.6
60°	557.8	547.9	555.1	542.0	541.0	537.2	534.8	518.3	481.7	420.3	336.7
62.5°	516.4	518.8	540.2	539.4	553.5	557.0	554.3	530.6	490.5	422.9	335.1
65°	461.7	468.9	501.7	529.8	568.2	580.2	577.6	539.4	489.7	416.8	324.4
67°	396.5	404.3	455.5	506.5	566.9	592.5	590.6	545.8	480.1	401.1	305.2
67.5°	382.1	390.9	442.2	495.8	562.1	591.4	590.1	546.3	476.9	393.6	297.7
70°	281.2	291.6	363.9	435.8	523.6	560.5	560.2	526.3	443.8	353.0	258.2
72.5°	175.2	184.5	259.5	339.9	453.7	499.0	497.2	458.5	382.1	288.1	203.7
75°	107.3	113.2	163.4	221.6	329.0	404.0	406.7	358.3	260.6	171.2	115.1
77.5°	65.7	72.1	103.1	136.7	201.1	251.3	251.8	198.7	133.8	93.2	63.0
80°	36.6	38.2	53.7	71.6	103.1	103.6	99.3	87.6	69.4	44.9	32.3
82.5°	14.4	15.5	23.2	28.8	29.4	30.7	28.6	25.9	21.9	14.4	10.1
85°	0.0	0.0	0.0	0.5	1.9	3.7	3.7	2.7	1.1	0.8	0.8
87.5°	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P972205

CATALOG NUMBER: GKO-PB1B-727-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	219.0	219.0	219.0	219.0	219.0	219.0	219.0	219.0	219.0	219.0	219.0
2.5°	218.7	218.4	216.5	214.4	212.8	211.5	210.1	208.5	208.5	209.1	208.8
5°	218.2	216.8	213.3	209.6	206.7	204.0	201.6	199.5	199.2	199.5	199.7
7.5°	218.4	216.0	210.7	205.1	200.3	196.8	193.3	191.7	191.4	191.4	191.4
10°	219.5	216.0	208.8	201.1	195.2	190.1	186.4	184.8	185.0	185.3	185.6
12.5°	221.4	216.5	207.5	197.6	190.1	185.0	181.3	180.0	181.0	182.4	182.6
15°	223.2	217.6	206.1	194.7	186.1	180.5	177.8	177.6	179.4	181.8	182.4
17.5°	225.4	218.4	204.5	190.9	181.8	177.3	176.0	176.8	179.7	183.4	184.2
20°	227.5	219.5	202.7	187.4	177.8	174.6	175.4	177.8	181.6	186.1	186.9
22.5°	229.6	220.3	200.3	183.2	173.6	172.5	175.4	179.4	183.2	188.2	189.3
25°	232.0	221.4	197.3	177.8	169.3	170.1	175.2	180.0	184.0	189.3	190.6
27.5°	235.8	223.0	194.4	173.0	164.5	167.2	173.8	179.7	184.0	189.0	190.6
30°	239.5	224.6	192.0	168.0	159.7	163.1	171.2	178.4	182.6	187.2	189.3
32.5°	243.8	226.7	189.8	162.9	154.3	158.6	167.4	175.4	180.5	184.5	186.6
35°	248.3	229.9	188.2	158.3	149.0	152.7	161.8	171.7	176.8	180.5	182.4
37.5°	254.2	233.4	187.2	153.8	143.4	146.6	155.9	166.3	172.2	175.2	177.6
40°	260.6	238.4	187.2	150.1	138.0	140.2	149.8	161.0	166.9	169.3	171.7
42.5°	267.0	243.5	186.9	146.3	132.4	134.0	143.7	155.1	160.7	162.6	164.5
45°	274.5	249.4	186.6	142.1	126.3	127.9	137.8	149.3	154.6	156.2	157.8
47.5°	282.5	255.3	185.6	136.7	120.7	122.0	131.9	142.6	147.9	149.8	151.4
50°	289.7	260.9	182.9	130.6	115.6	117.0	125.8	134.6	139.4	141.5	143.1
52.5°	296.1	264.9	178.6	123.6	110.0	111.6	118.3	126.0	129.8	131.4	132.4
55°	301.2	267.0	171.7	117.0	104.7	105.5	110.8	117.8	120.7	121.0	121.8
57.5°	304.7	266.7	162.3	109.2	99.3	99.6	103.3	109.5	111.6	111.3	111.9
60°	305.5	263.3	151.1	102.0	94.0	93.2	96.9	101.2	102.5	103.6	104.9
62.5°	302.3	255.0	138.3	94.8	88.6	87.3	90.0	93.7	95.9	96.4	96.9
65°	290.5	239.8	122.8	87.3	83.3	80.9	83.8	89.2	92.7	93.7	93.5
67°	270.0	218.4	109.5	81.7	78.0	75.8	80.1	85.7	88.1	89.7	89.7
67.5°	263.3	210.7	104.9	79.8	76.6	74.8	78.8	84.1	87.3	89.2	89.2
70°	223.5	172.8	88.6	70.5	68.9	69.2	74.0	79.8	83.8	85.7	85.7
72.5°	170.4	133.8	72.1	61.4	60.9	62.7	68.9	74.2	79.3	82.5	82.2
75°	96.7	77.2	52.6	50.2	52.3	56.1	63.8	69.7	74.2	77.4	77.2
77.5°	56.3	46.5	36.3	34.4	40.6	49.1	57.1	64.6	67.8	68.9	68.1
80°	28.6	24.3	22.7	23.5	27.2	36.6	49.9	58.7	61.1	61.9	61.1
82.5°	9.1	8.3	9.1	12.0	18.2	28.8	40.3	53.1	56.1	56.1	55.8
85°	0.5	0.5	0.5	5.3	12.5	21.4	31.5	46.5	52.6	52.1	51.3
87.5°	0.3	0.3	0.3	3.5	9.9	17.9	27.8	42.2	50.2	46.5	43.8
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: SP2-2501-321-3

Test Date: 04/09/2025

Luminaire Tested: GKO-PB1E-727-U-T4W

Data in this report applies to families of products including GKO-PB1E-727-U-T4W

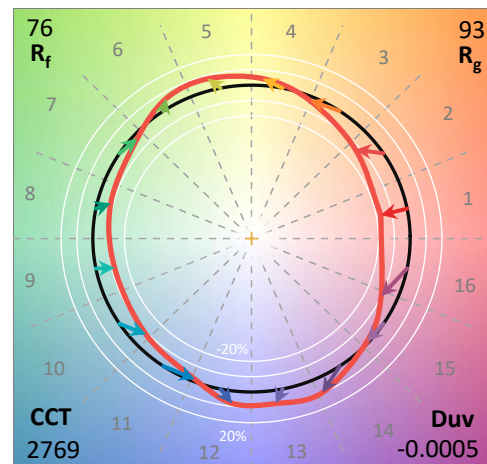
Test Information

Test Method: LM-79-2019
 Report Number: SP2-2501-321-3
 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-727-U-T4W**
 Description: Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K): 2769
 CIE u' : 0.2596
 CIE v' : 0.5253
 Duv: -0.0005
 CIE x: 0.4535
 CIE y: 0.4078
 CIE z: 0.1387
 Peak Wavelength (nm): 597
 Dominant Wavelength (nm): 584
 Purity: 58.54014
 R_f: 75.7
 R_g: 93.2

CRI (Ra): 71.7
 R1: 68.0
 R2: 84.0
 R3: 94.6
 R4: 65.9
 R5: 67.3
 R6: 78.7
 R7: 75.2
 R8: 39.8
 R9: -34.5
 R10: 64.3
 R11: 60.9
 R12: 54.4
 R13: 71.2
 R14: 97.6
 R15: 59.5



Test Conditions

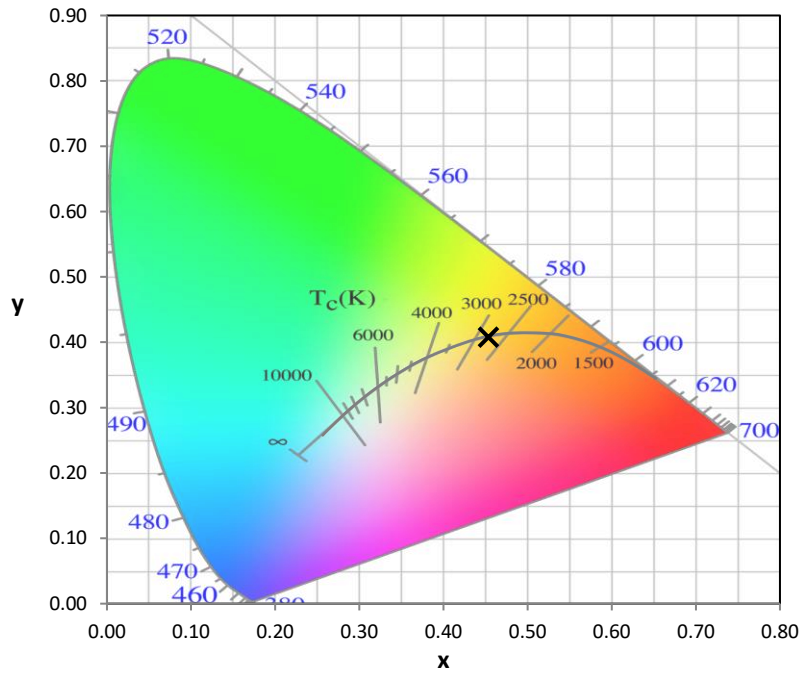
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP2-2501-321-3

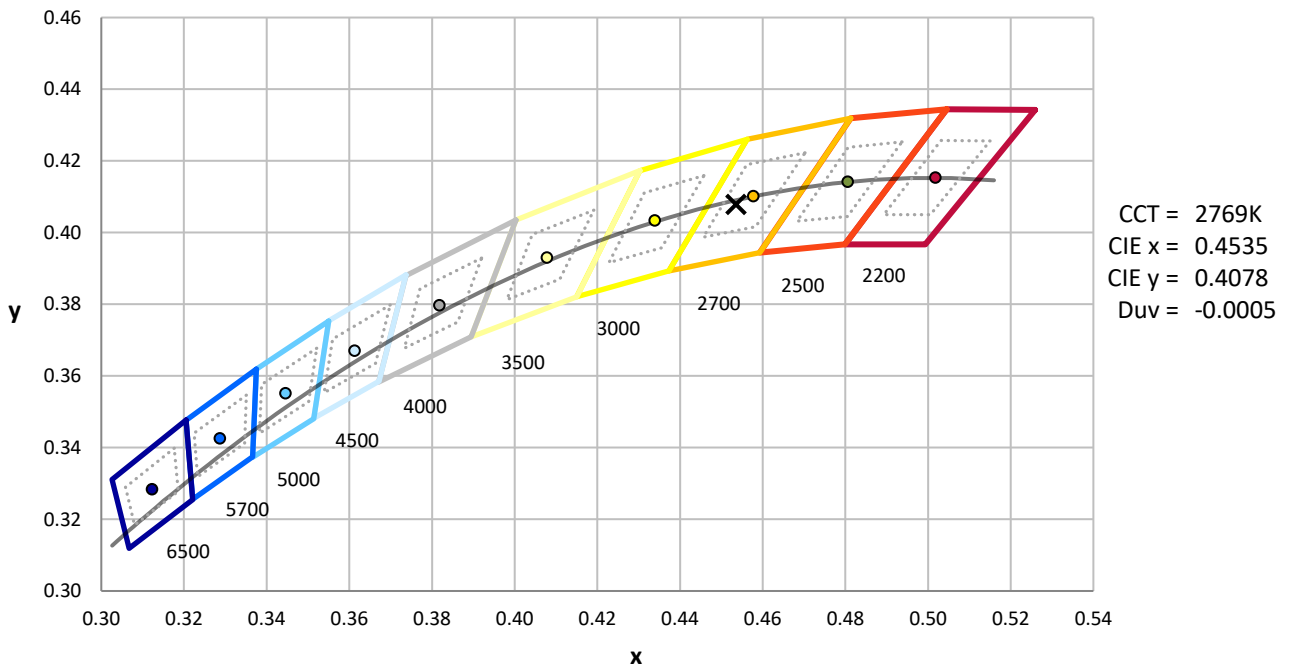
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

REPORT NUMBER: SP2-2501-321-3

CIE 1931 Chromaticity Diagram



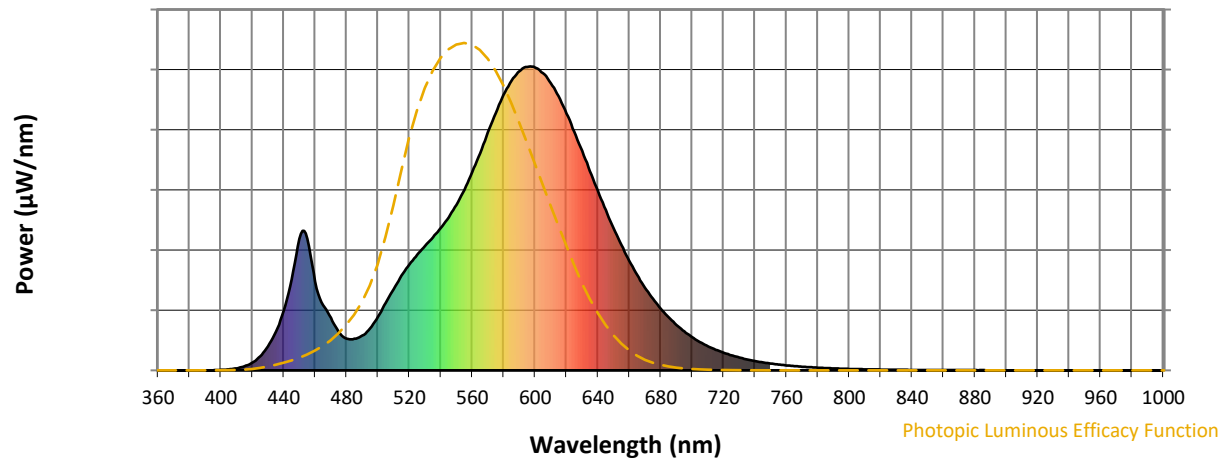
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-3

Photopic Flux vs. Wavelength

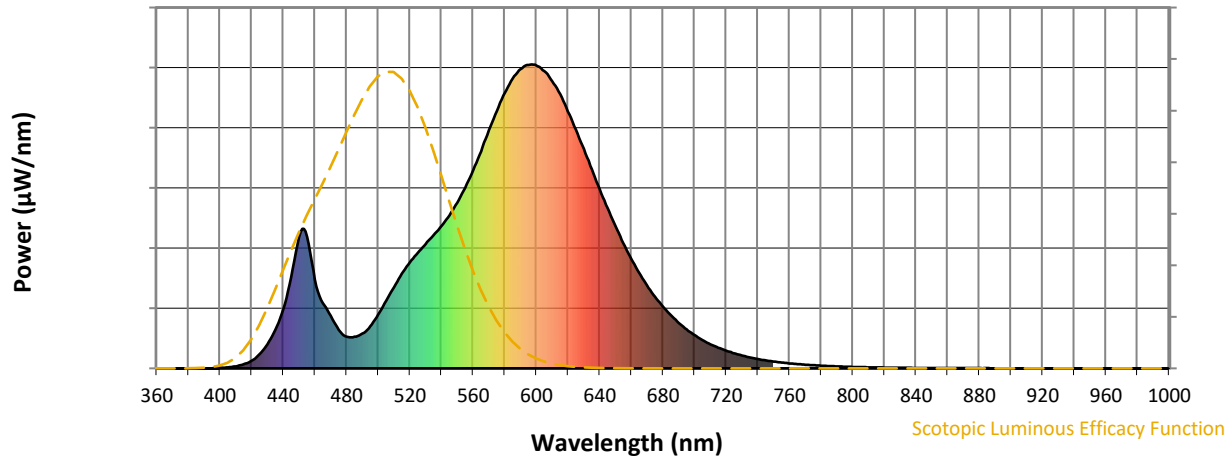


Photopic Lumens: NR

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	114	NR	620	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

REPORT NUMBER: SP2-2501-321-3

Scotopic Flux vs. Wavelength



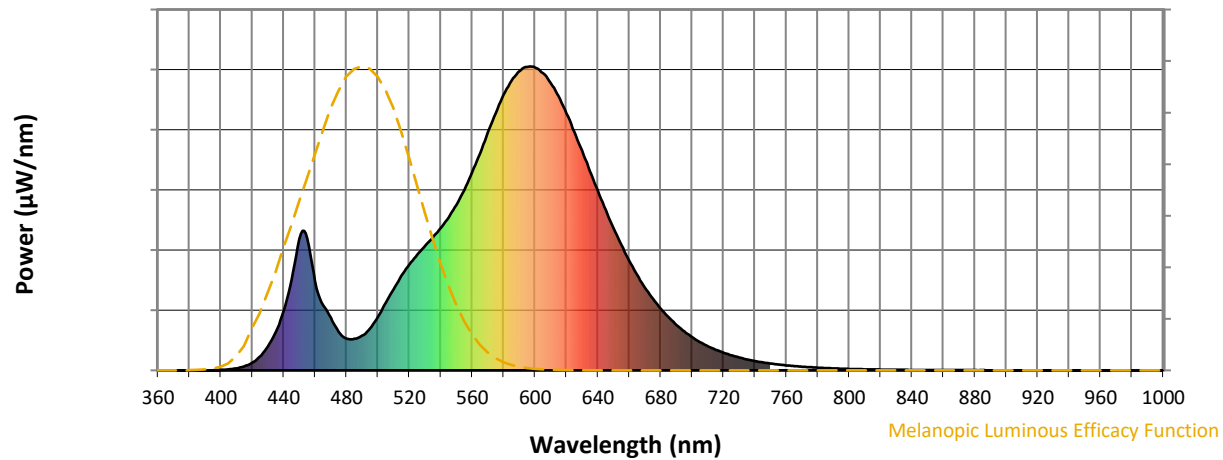
Scotopic Lumens: NR

S/P: 1.14

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	114	NR	620	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

REPORT NUMBER: SP2-2501-321-3

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.08

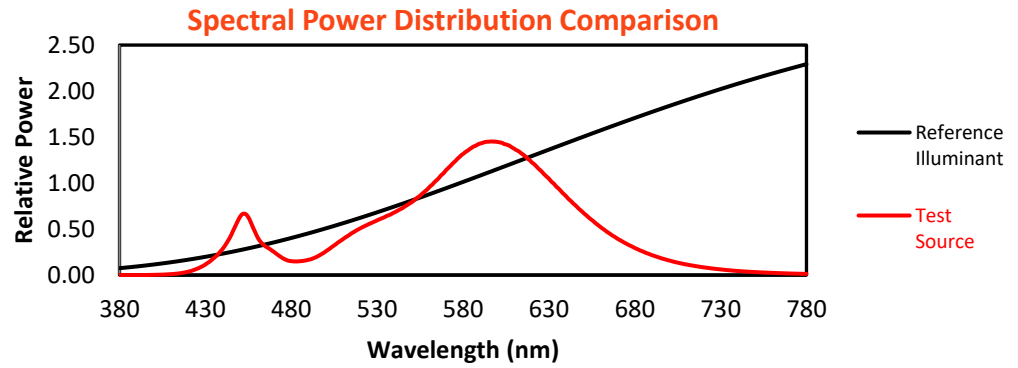
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	114	NR	620	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

REPORT NUMBER: SP2-2501-321-3

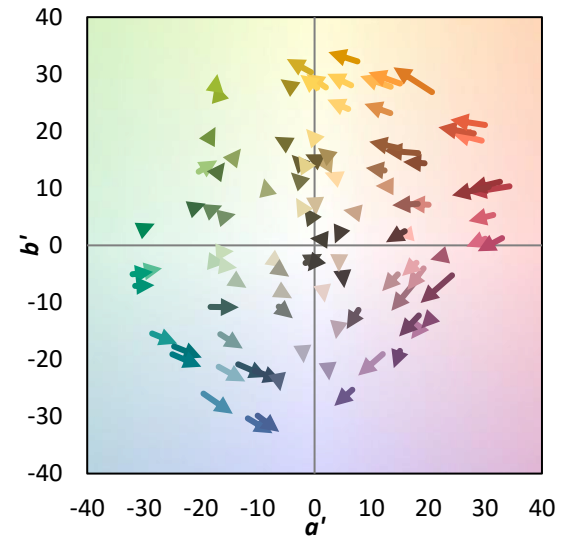
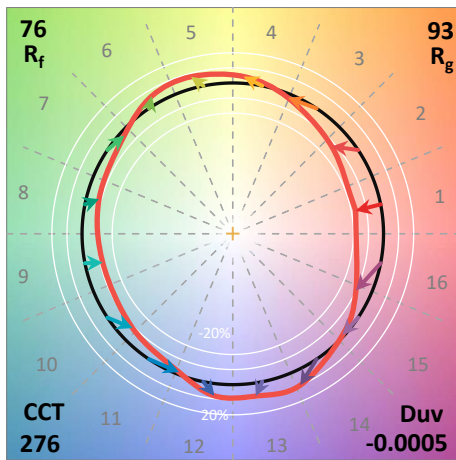
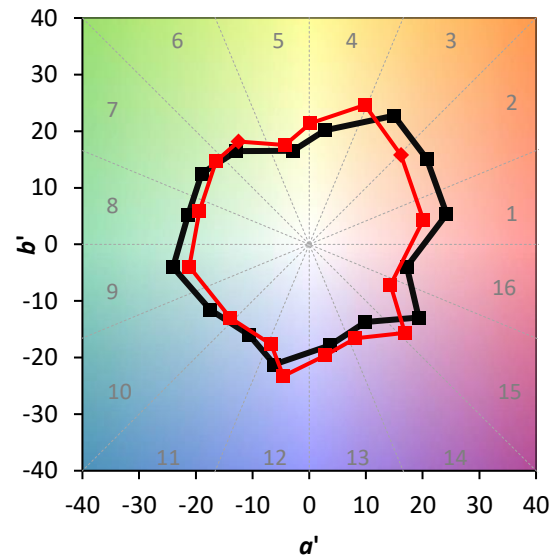
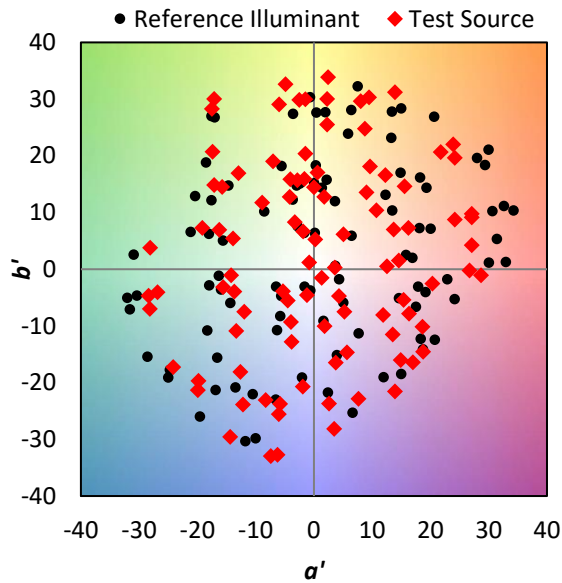
TM-30-18

Summary

$R_f = 75.7$
 $R_g = 93.2$
 $CIE R_a = 71.7$
 $R_g = -34.5$

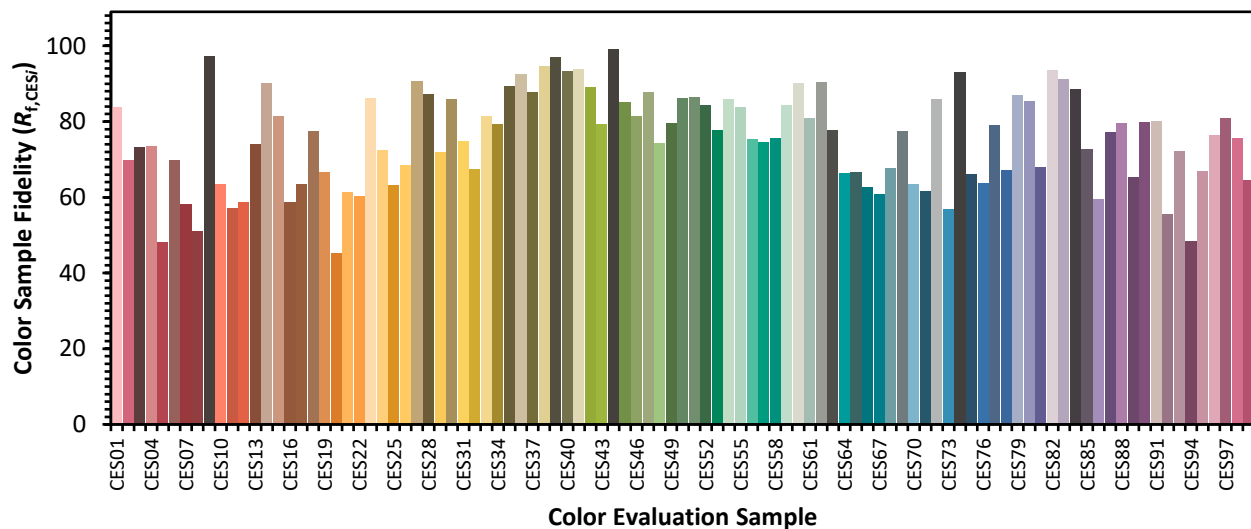


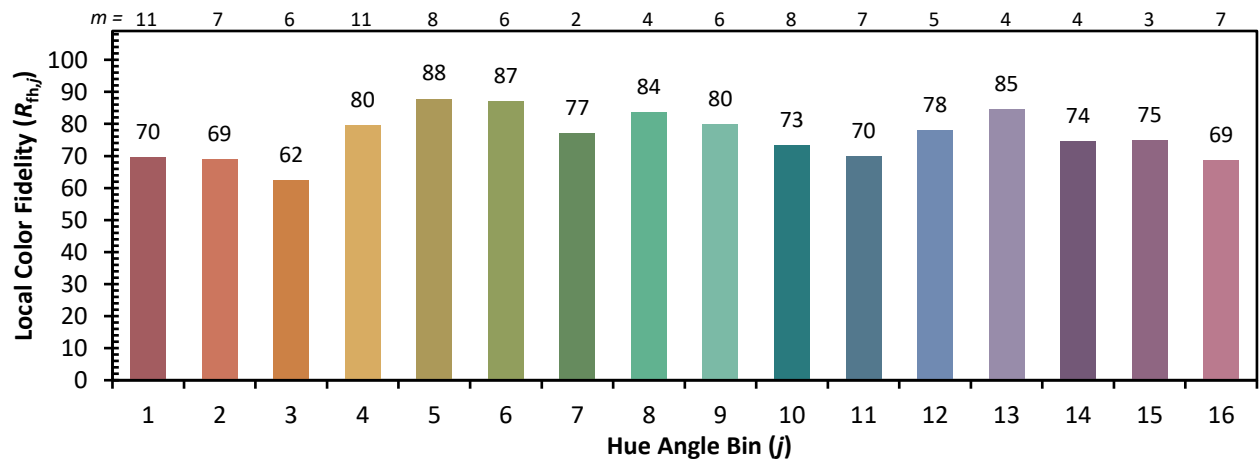
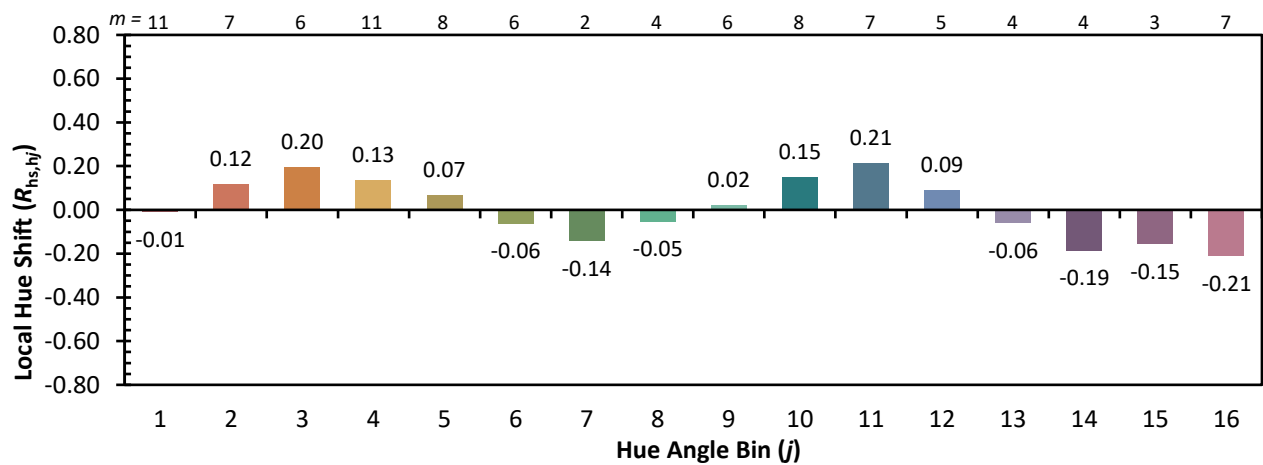
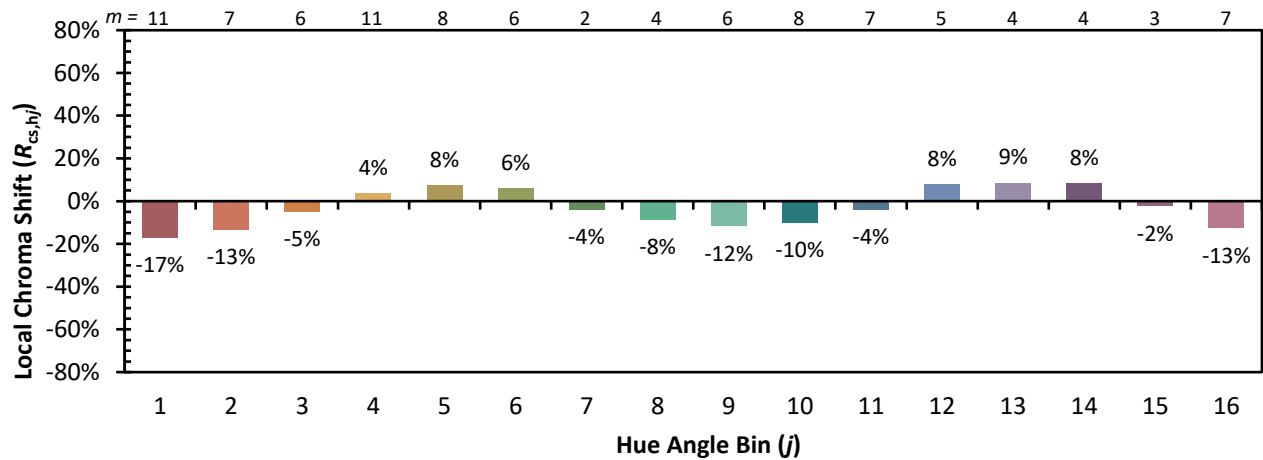
Color Vector Graphics



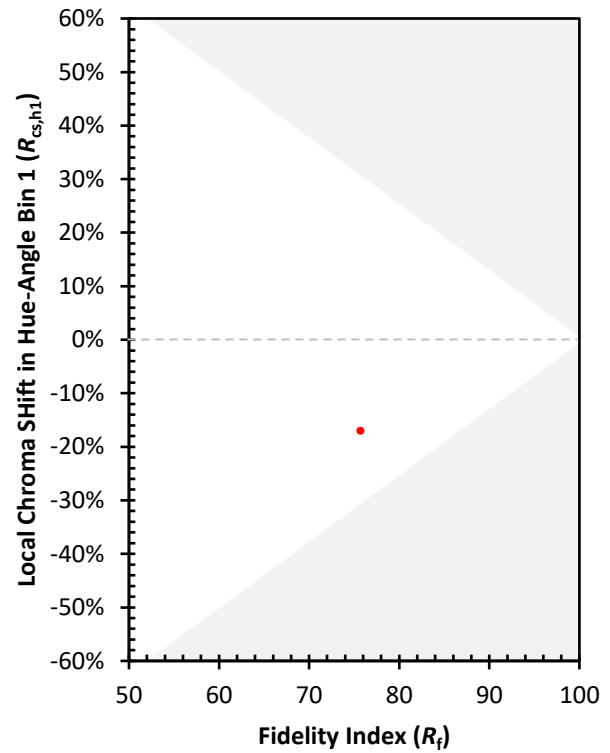
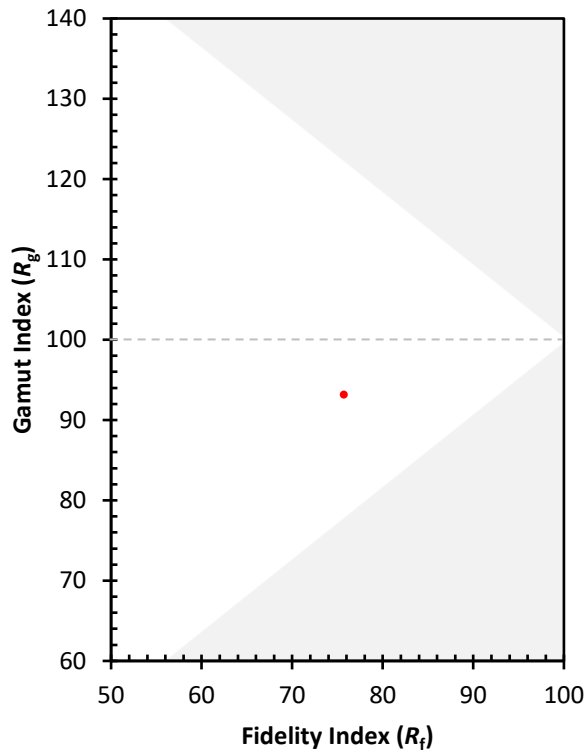
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 68	CES51 = 87	CES76 = 64
CES02 = 63	CES27 = 91	CES52 = 84	CES77 = 79
CES03 = 31	CES28 = 87	CES53 = 78	CES78 = 67
CES04 = 71	CES29 = 72	CES54 = 86	CES79 = 87
CES05 = 50	CES30 = 86	CES55 = 84	CES80 = 85
CES06 = 52	CES31 = 75	CES56 = 75	CES81 = 68
CES07 = 42	CES32 = 67	CES57 = 74	CES82 = 94
CES08 = 41	CES33 = 81	CES58 = 76	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 84	CES84 = 89
CES10 = 77	CES35 = 89	CES60 = 90	CES85 = 73
CES11 = 60	CES36 = 92	CES61 = 81	CES86 = 59
CES12 = 66	CES37 = 88	CES62 = 90	CES87 = 77
CES13 = 43	CES38 = 95	CES63 = 78	CES88 = 79
CES14 = 74	CES39 = 97	CES64 = 66	CES89 = 65
CES15 = 72	CES40 = 93	CES65 = 67	CES90 = 80
CES16 = 48	CES41 = 94	CES66 = 63	CES91 = 80
CES17 = 50	CES42 = 89	CES67 = 61	CES92 = 55
CES18 = 57	CES43 = 79	CES68 = 68	CES93 = 72
CES19 = 73	CES44 = 99	CES69 = 77	CES94 = 48
CES20 = 67	CES45 = 85	CES70 = 63	CES95 = 67
CES21 = 87	CES46 = 81	CES71 = 62	CES96 = 76
CES22 = 80	CES47 = 88	CES72 = 86	CES97 = 81
CES23 = 92	CES48 = 74	CES73 = 57	CES98 = 76
CES24 = 91	CES49 = 80	CES74 = 93	CES99 = 64
CES25 = 73	CES50 = 86	CES75 = 66	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)