Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: LUMARK

Report Number: P1460914

Luminaire Tested: PRV-PC1B-722-U-T3RE-HSS

Issue Date: 06/10/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1460914
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/10/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-PC1B-722-U-T3RE-HSS
Description:	PREVAIL DISCRETE LED 1 SQUARE AT 585MA 70CRI 2200K FIXTURE w/ TYPE III ROADWAY ILLUMINANCE DISTRIBUTION OPTIC AND HOUSE SIDE SHIELD
Light Source:	(40) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6770.3 lumens
Efficiency:	N/A
Efficacy:	92.7 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2
Input Watts (W):	73
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	2.73%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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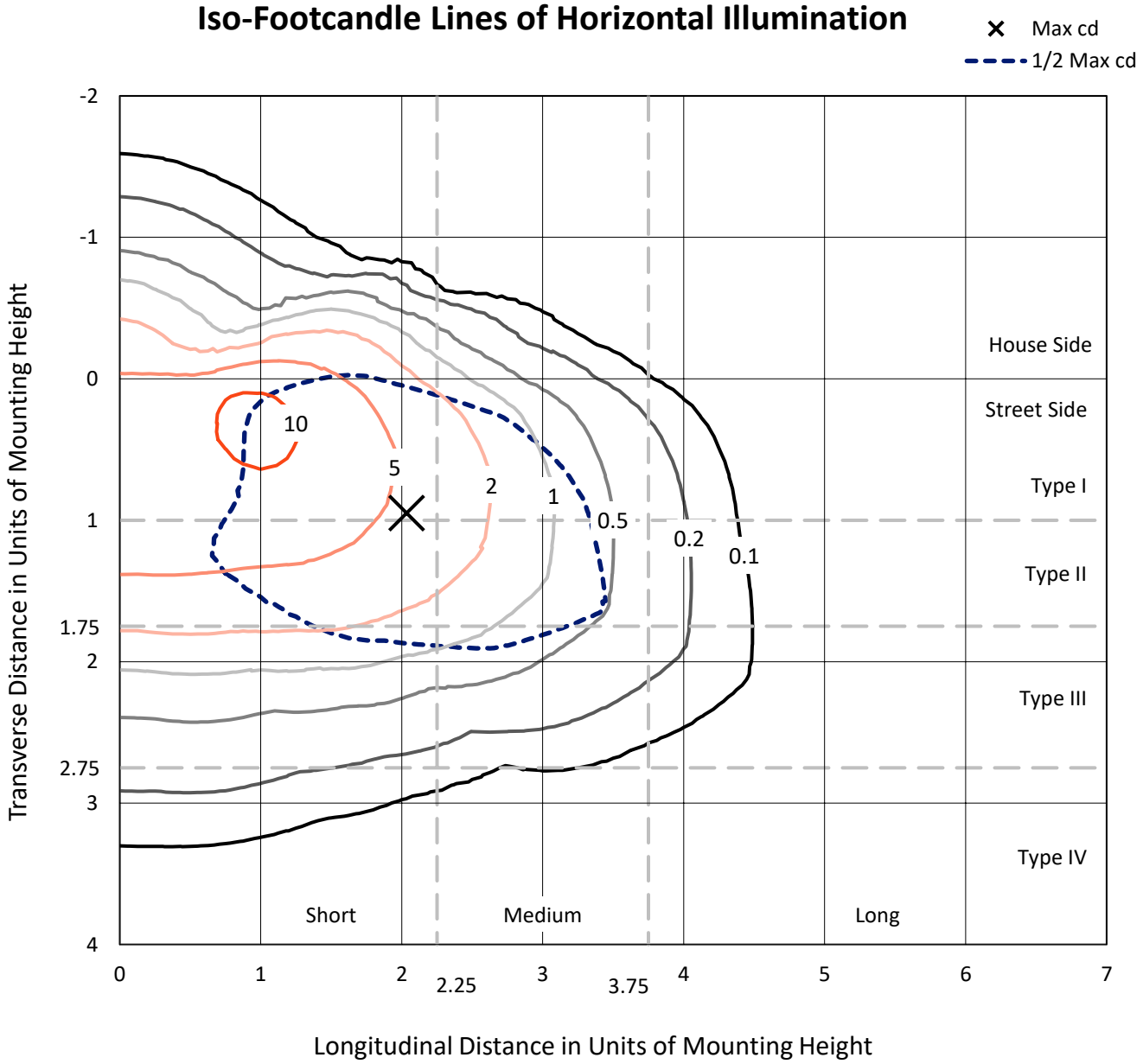
Scaled Data Report

REPORT NUMBER: P1460914
CATALOG NUMBER: PRV-PC1B-722-U-T3RE-HSS

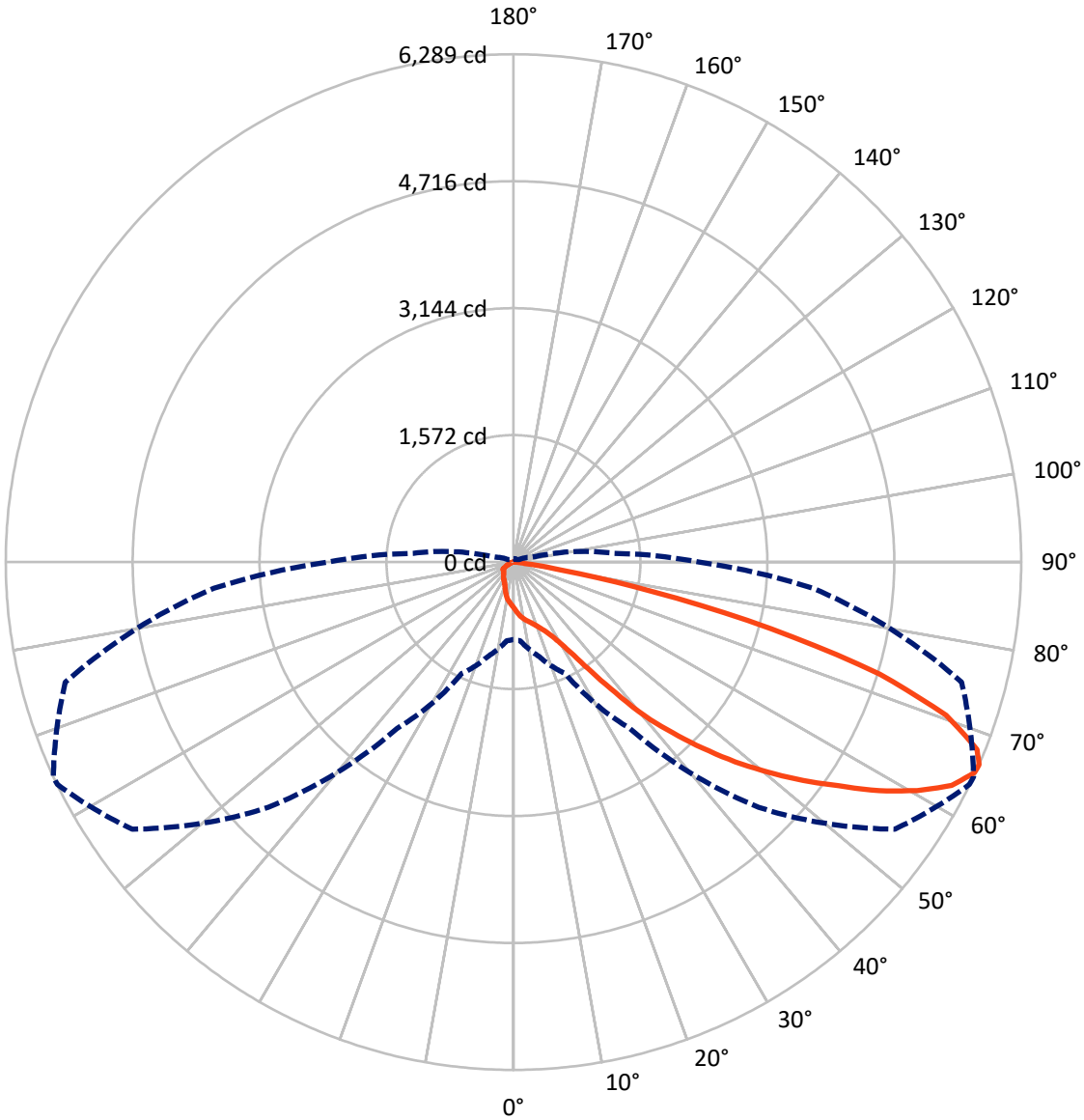
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 11.8 fc
Type III - Short - N/A

REPORT NUMBER: P1460914
CATALOG NUMBER: PRV-PC1B-722-U-T3RE-HSS

Luminous Intensity Polar Plot



Vertical Plane Through 65-Deg Lateral Horizontal Cone Through 66-Deg Vertical

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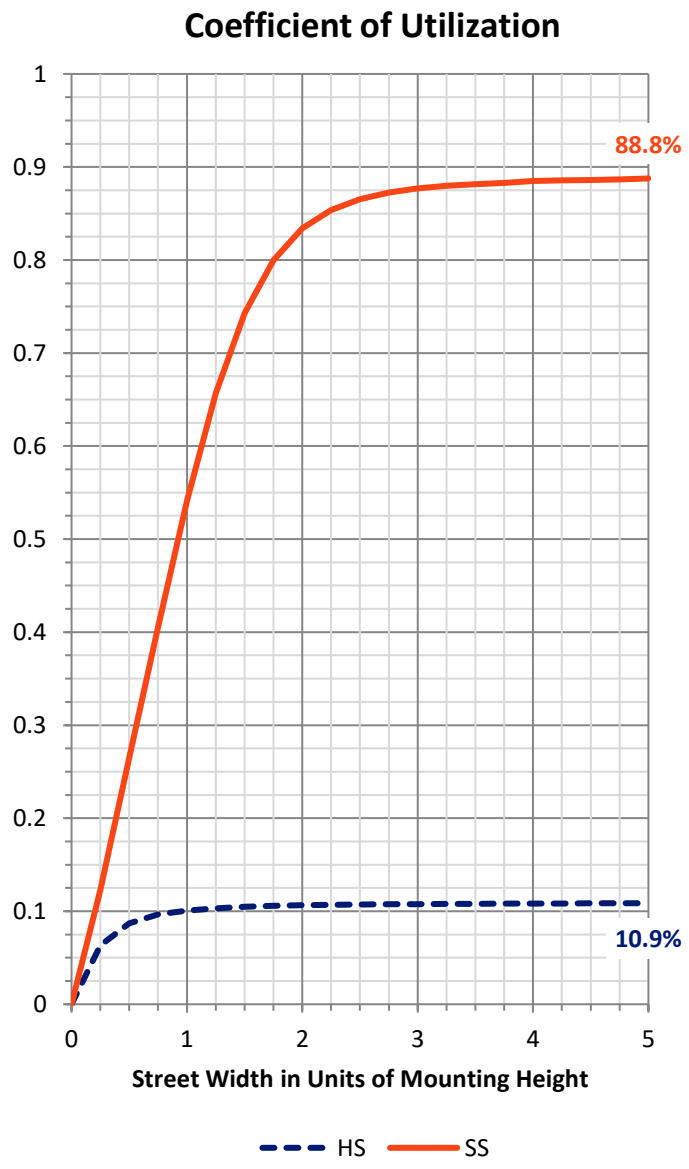
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	742.3	0.0	742.3
	% Fixture	11.0	0.0	11.0
Street Side	Lumens	6028.0	0.0	6028.0
	% Fixture	89.0	0.0	89.0
Total	Lumens	6770.3	0.0	6770.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.6	0.8
10°-20°	158.1	2.3
20°-30°	288.1	4.3
30°-40°	571.8	8.4
40°-50°	1186.5	17.5
50°-60°	1848.7	27.3
60°-70°	1882.7	27.8
70°-80°	731.1	10.8
80°-90°	49.6	0.7
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°	6770.3	100.0
0°-180°	6770.3	100.0



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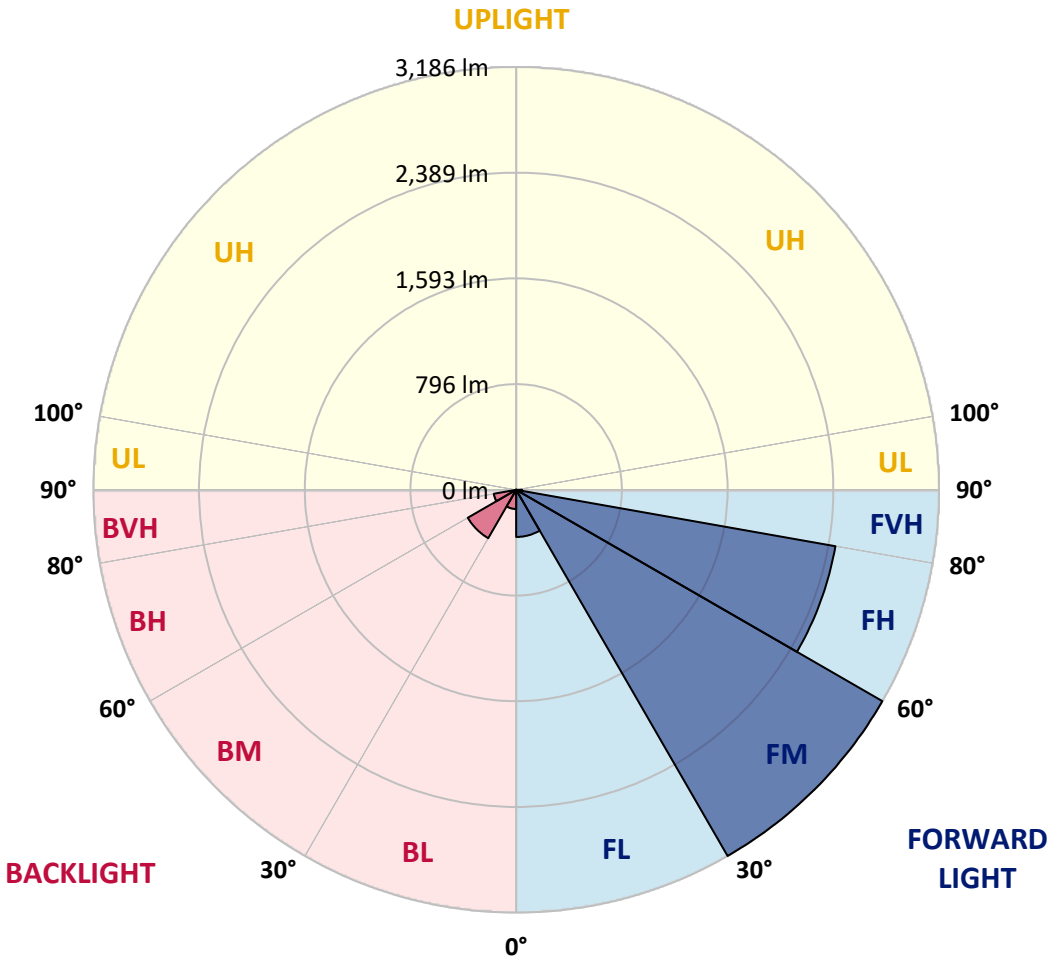
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	355.3	5.2			
FM	(30°-60°)	3186.0	47.1			
FH	(60°-80°)	2442.7	36.1			G2/5000
FVH	(80°-90°)	44.1	0.7			G1/100
BL	(0°-30°)	144.6	2.1	B1/500		
BM	(30°-60°)	421.0	6.2	B1/1000		
BH	(60°-80°)	171.2	2.5	B1/500		G1/500
BVH	(80°-90°)	5.5	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	563.6	563.6	563.6	563.6	563.6	563.6	563.6	563.6	*563.6*	563.6	563.6
2.5°	654.5	652.2	649.9	645.7	637.0	629.2	615.9	603.1	*604.0*	587.5	573.2
5°	698.1	695.8	695.3	693.9	690.3	681.5	666.9	647.6	*646.2*	616.8	585.2
7.5°	706.8	705.4	705.9	705.4	706.8	705.4	702.6	683.4	*684.3*	650.3	600.8
10°	716.4	713.2	716.0	718.3	720.5	722.8	721.5	715.0	*716.4*	682.9	621.4
12.5°	728.8	726.1	729.7	733.9	738.9	743.5	745.3	739.8	*744.4*	721.0	648.0
15°	741.2	738.9	744.4	751.8	761.4	768.7	771.5	769.7	*772.4*	760.0	677.9
17.5°	755.9	753.6	761.4	773.3	786.2	799.5	805.0	804.1	*807.7*	802.2	711.4
20°	774.7	772.4	783.4	800.4	820.6	837.1	848.1	844.9	*848.6*	848.1	755.0
22.5°	806.8	804.5	816.0	835.3	862.8	885.3	898.6	895.4	*900.0*	899.5	801.3
25°	857.3	855.5	869.7	889.0	913.8	945.9	963.8	959.2	*963.3*	962.9	863.3
27.5°	929.8	929.4	934.9	953.7	982.1	1019.8	1050.5	1044.1	*1051.4*	1052.8	938.1
30°	1036.3	1028.0	1022.1	1033.1	1063.4	1118.9	1163.9	1174.0	*1182.7*	1190.1	1060.2
32.5°	1215.8	1193.7	1174.4	1145.5	1158.8	1233.7	1320.9	1371.3	*1375.5*	1413.6	1243.7
35°	1455.3	1432.4	1385.6	1334.2	1310.8	1381.9	1535.6	1658.6	*1671.5*	1752.7	1512.7
37.5°	1713.3	1701.3	1634.3	1571.0	1531.0	1587.0	1796.3	2051.0	*2046.9*	2152.0	1821.6
40°	2040.5	2033.1	1962.9	1858.7	1772.0	1825.7	2107.9	2449.9	*2506.3*	2551.7	2172.7
42.5°	2290.6	2269.0	2230.9	2190.1	2083.2	2087.3	2434.7	2852.8	*2888.2*	2957.0	2516.0
45°	2444.8	2434.7	2459.0	2484.3	2435.2	2396.2	2799.1	3258.5	*3283.8*	3377.4	2852.8
47.5°	2578.8	2577.9	2610.0	2710.5	2735.3	2760.6	3205.8	3654.1	*3696.4*	3798.3	3160.3
50°	2650.9	2658.7	2744.0	2886.8	2991.4	3128.6	3644.5	4066.7	*4086.0*	4176.9	3456.8
52.5°	2605.0	2617.8	2790.4	3015.7	3193.8	3479.3	4079.6	4469.7	*4492.2*	4551.4	3713.3
55°	2429.2	2437.0	2687.6	3048.8	3369.1	3875.4	4514.2	4863.9	*4888.3*	4906.2	3974.9
57.5°	2098.8	2122.2	2459.5	2920.7	3492.6	4217.7	4962.6	5312.3	*5341.2*	5261.4	4194.8
60°	1792.6	1814.7	2155.2	2625.2	3456.8	4512.4	5391.3	5737.8	*5743.7*	5576.7	4262.7
62.5°	1421.8	1452.6	1788.5	2221.8	3222.3	4658.8	5690.5	6078.8	*6090.7*	5778.2	4148.0
65°	1046.4	1079.9	1364.5	1718.3	2760.1	4506.4	5813.5	6275.2	*6278.4*	5795.1	3878.6
66°	*958.3*	*978.5*	*1206.1*	*1524.6*	*2515.5*	*4294.4*	*5766.2*	*6282.1*	*6288.5*	*5746.0*	*3724.8*
67.5°	861.0	877.0	1054.2	1231.8	2081.8	3849.2	5492.7	6181.6	*6192.6*	5542.3	3484.3
70°	672.8	688.4	819.2	908.7	1429.2	2701.4	4690.0	5642.3	*5686.4*	4899.7	2960.7
72.5°	455.7	467.7	538.8	581.9	858.2	1504.0	3514.2	4678.5	*4744.6*	3791.8	2178.2
75°	275.8	281.3	295.6	325.4	429.1	721.9	2098.3	3245.2	*3295.7*	2407.2	1291.0
77.5°	201.0	199.2	203.8	203.3	213.4	282.3	991.8	1755.9	*1762.4*	1064.8	544.8
80°	158.3	150.1	152.4	152.4	142.7	130.3	310.2	537.9	*595.7*	309.3	161.1
82.5°	126.2	120.2	121.6	118.9	105.1	86.7	97.3	140.0	*140.0*	92.2	55.1
85°	90.4	84.4	87.7	88.6	67.0	63.3	56.0	62.9	*63.3*	49.6	42.2
87.5°	45.0	45.4	48.6	53.7	44.1	35.8	29.8	30.3	*31.2*	27.5	24.3
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: P1460914
CATALOG NUMBER: PRV-PC1B-722-U-T3RE-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	563.6	563.6	563.6	563.6	563.6	563.6	563.6	563.6	563.6	563.6	563.6
2.5°	565.4	558.5	545.7	535.6	523.2	514.5	506.7	499.8	498.4	495.7	492.9
5°	570.0	556.7	532.4	509.9	487.4	468.6	452.1	437.8	430.5	421.3	420.4
7.5°	577.4	558.1	521.4	486.5	449.3	415.8	386.0	369.0	356.6	352.0	350.2
10°	589.7	563.1	513.1	457.6	399.7	356.6	333.2	318.1	312.5	311.6	311.6
12.5°	607.2	572.8	503.5	423.1	355.2	316.2	300.6	299.2	299.2	299.7	298.8
15°	627.8	585.6	488.8	385.5	317.6	293.3	289.6	288.7	288.2	288.7	289.1
17.5°	649.9	598.0	470.4	348.8	291.4	282.7	280.0	278.6	279.0	279.5	278.6
20°	678.3	614.1	445.6	313.9	279.5	273.1	269.9	268.9	268.9	269.4	269.4
22.5°	710.5	629.7	415.8	288.7	269.9	263.4	259.3	257.0	257.0	258.4	258.4
25°	750.8	647.6	384.1	269.9	258.8	252.4	246.0	242.8	243.7	244.6	243.7
27.5°	800.4	671.4	351.1	256.6	246.9	239.6	230.9	227.2	227.6	231.3	231.3
30°	884.4	706.8	321.3	243.7	233.1	223.5	213.9	210.7	212.0	217.1	218.9
32.5°	1007.4	768.3	296.0	230.4	217.5	203.8	194.1	190.5	195.1	203.3	203.8
35°	1215.3	883.0	280.9	215.7	199.2	184.0	171.6	167.5	173.9	180.8	182.2
37.5°	1459.5	1045.0	285.9	202.4	182.2	165.2	151.9	147.3	149.6	156.5	156.5
40°	1733.4	1237.3	322.2	190.0	166.6	148.2	134.9	130.3	131.3	133.1	134.9
42.5°	1985.9	1437.9	384.6	178.5	152.8	132.6	121.6	116.6	117.0	117.5	117.5
45°	2264.4	1644.4	459.4	169.8	140.0	120.2	109.2	106.9	106.9	107.4	107.9
47.5°	2507.7	1836.3	541.1	164.8	128.0	108.3	99.6	98.7	98.7	99.6	100.1
50°	2742.2	2019.4	624.2	161.5	116.6	98.2	91.3	90.4	91.3	92.7	93.2
52.5°	2947.8	2195.1	717.3	160.2	106.5	90.0	84.0	82.6	83.1	84.4	84.9
55°	3143.8	2369.1	824.7	159.7	95.9	81.7	76.2	74.3	74.8	75.7	75.3
57.5°	3295.7	2452.6	889.0	146.9	87.2	73.9	68.4	65.2	66.1	66.1	67.0
60°	3270.0	2354.9	816.5	119.8	78.0	65.2	60.1	56.9	58.3	58.3	59.2
62.5°	2965.3	1966.1	582.4	95.5	68.4	57.4	52.8	50.5	51.4	51.9	51.4
65°	2496.7	1442.5	310.2	77.1	58.3	49.6	46.4	44.1	45.0	44.5	44.5
66°	*2293.8*	*1245.6*	*235.4*	*72.1*	*54.2*	*47.3*	*44.1*	*42.2*	*42.2*	*41.8*	*41.3*
67.5°	1989.1	996.8	149.6	64.3	48.6	44.5	40.8	38.6	38.1	37.6	37.6
70°	1478.7	661.8	83.1	50.5	41.3	38.6	35.8	33.0	32.1	31.7	32.1
72.5°	1062.9	434.2	56.0	39.0	35.3	34.0	30.7	27.5	27.1	27.5	27.5
75°	625.1	235.0	41.3	28.9	28.9	28.9	26.2	22.9	22.9	25.2	25.2
77.5°	292.3	111.1	31.2	23.4	23.4	24.8	21.6	19.3	20.7	23.4	23.9
80°	111.1	50.5	21.6	18.4	18.4	20.7	17.0	17.0	17.9	18.8	17.4
82.5°	47.3	28.0	15.1	13.8	14.2	15.6	13.3	13.8	14.2	8.7	10.1
85°	37.2	16.5	8.3	7.8	8.3	9.2	7.3	8.3	6.9	2.3	4.6
87.5°	19.7	7.8	4.1	3.7	3.2	3.2	2.8	3.7	3.2	1.4	1.4
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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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

Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

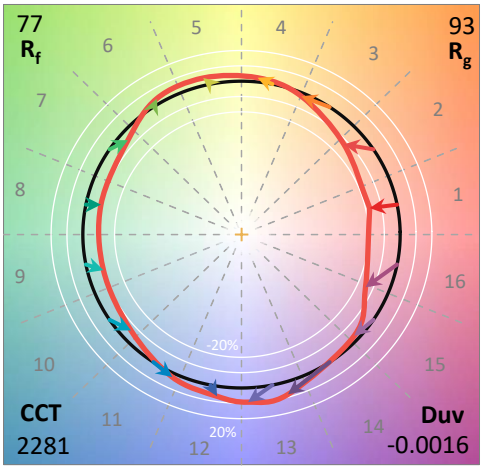
Test Information

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

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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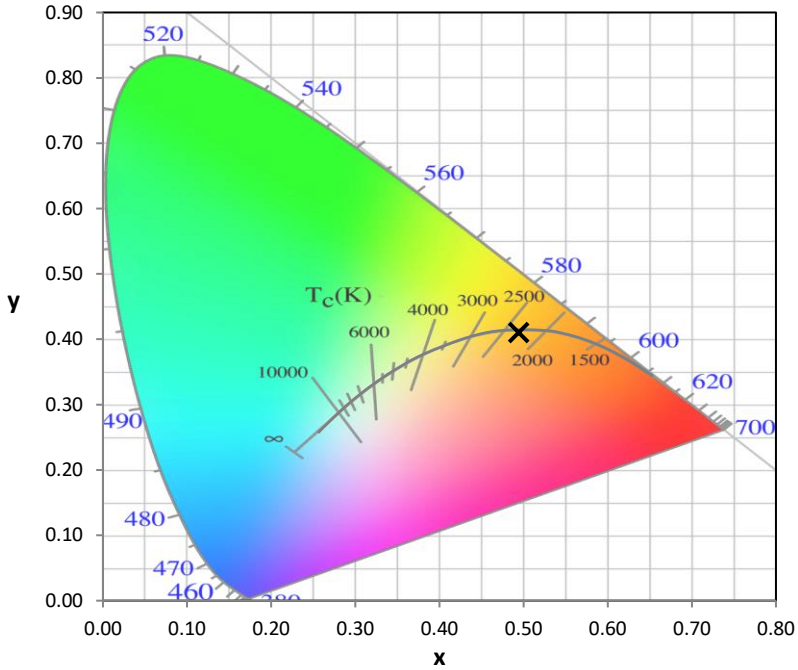
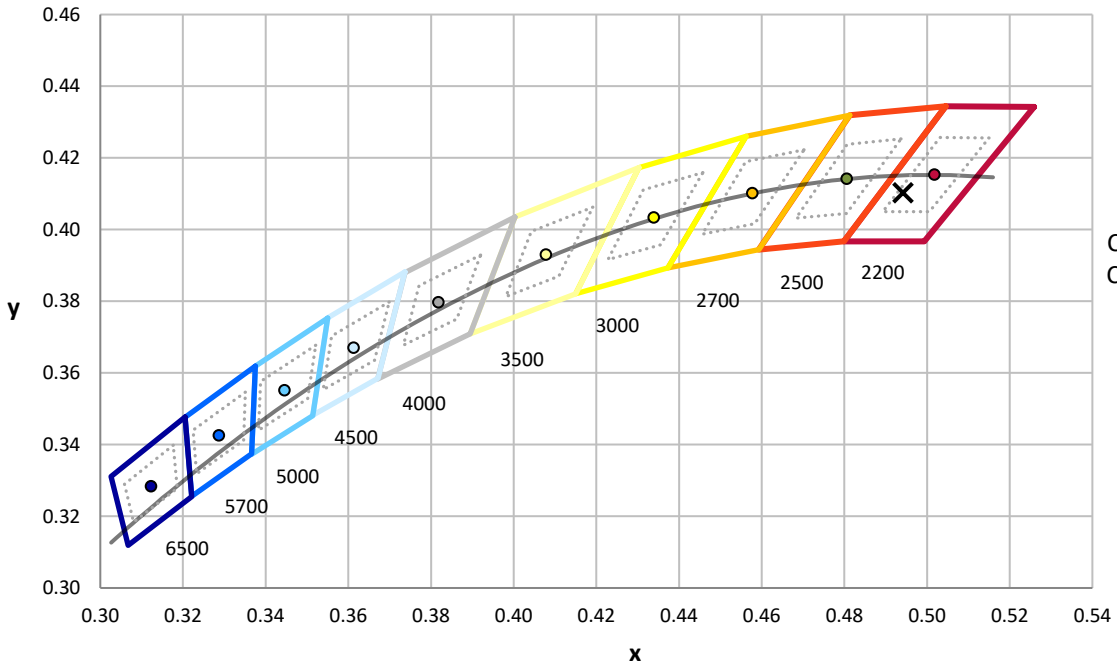
CIE 1931 Chromaticity Diagram



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

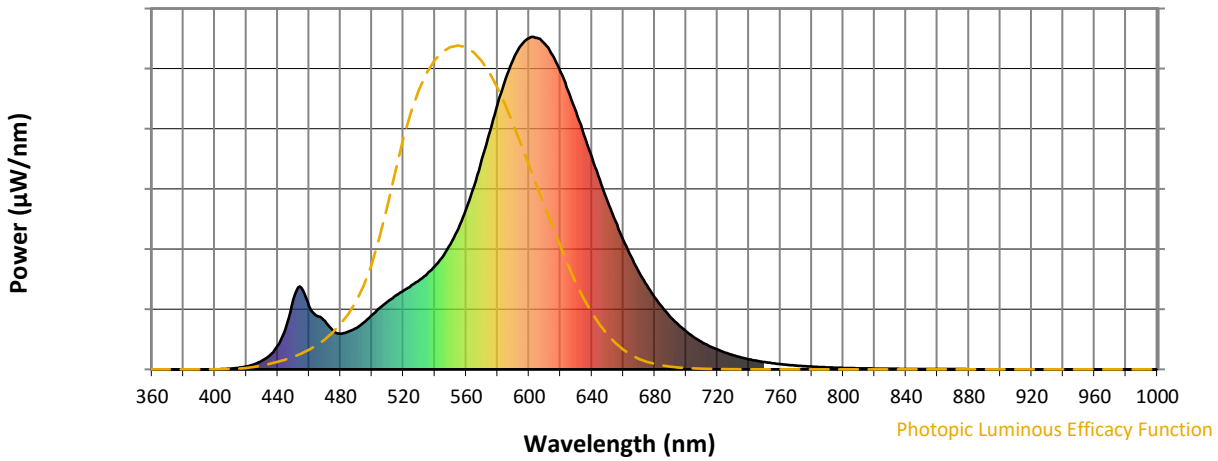


CCT = 2281K
CIE x = 0.4942
CIE y = 0.4102
Duv = -0.0016

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-2

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	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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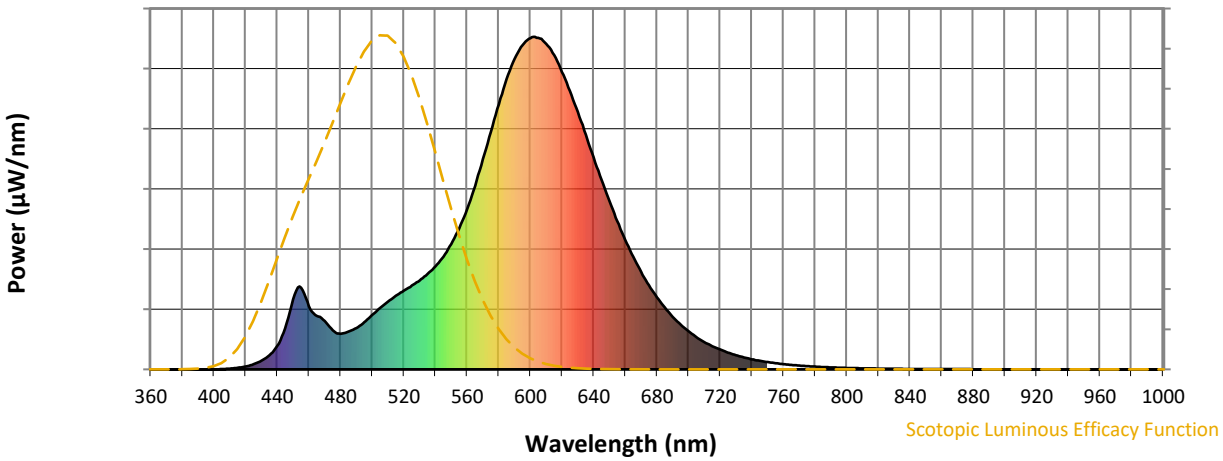
Scotopic Flux vs. Wavelength



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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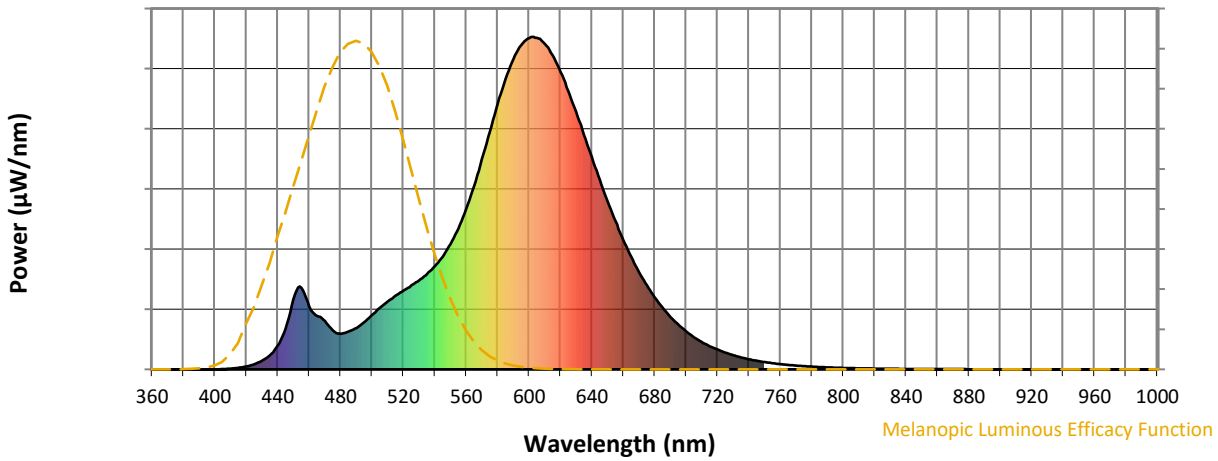
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.75**

λ (nm)	Power W^/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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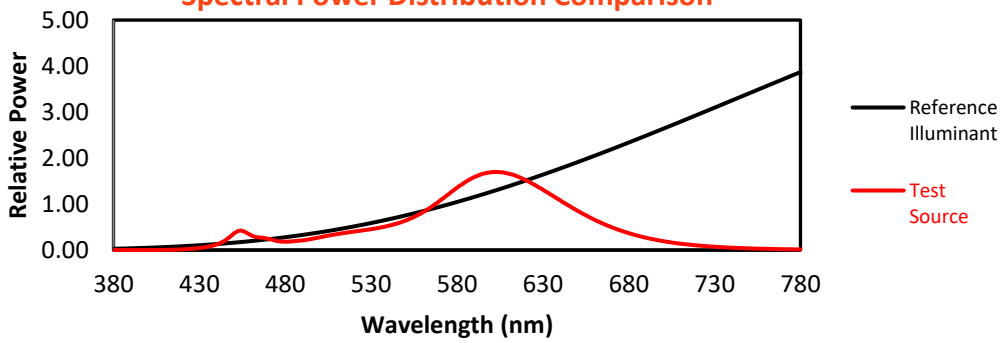
TM-30-18

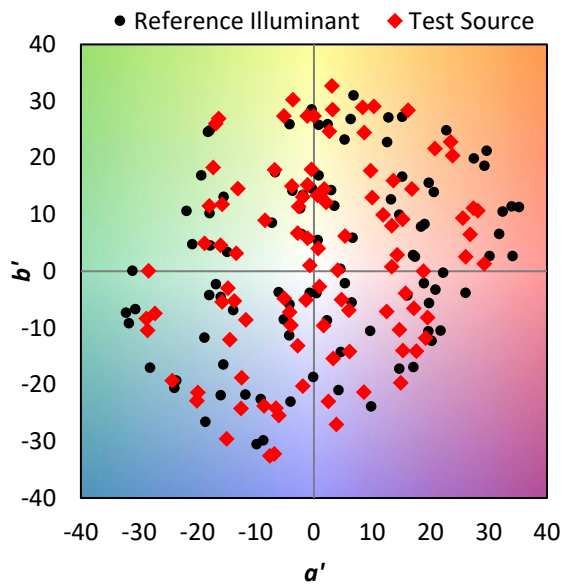
Summary

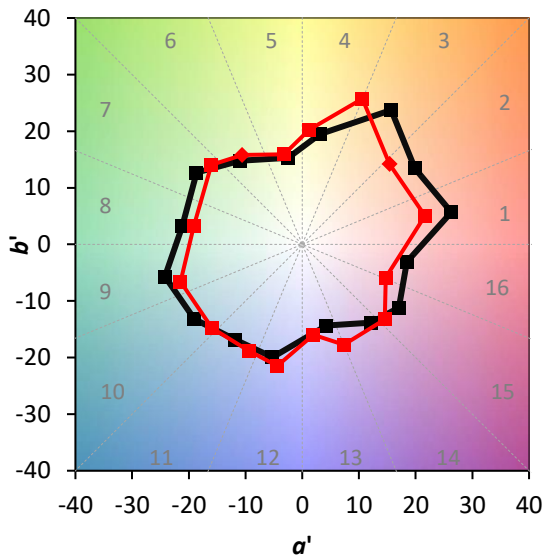
R_f = 76.9
R_g = 92.6
CIE R_a = 70.6
R_9 = -35.1

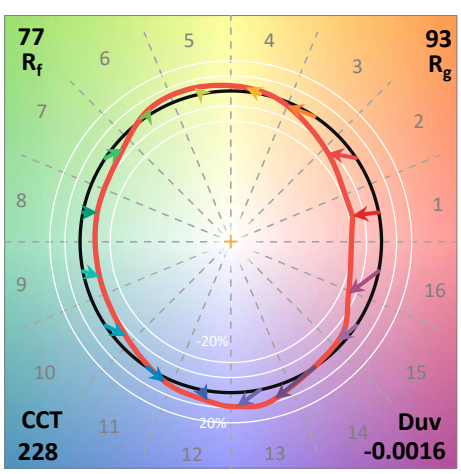
Spectral Power Distribution Comparison

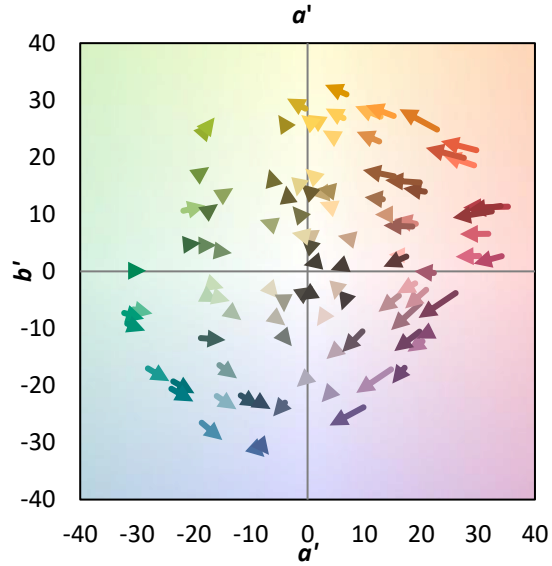


Color Vector Graphics



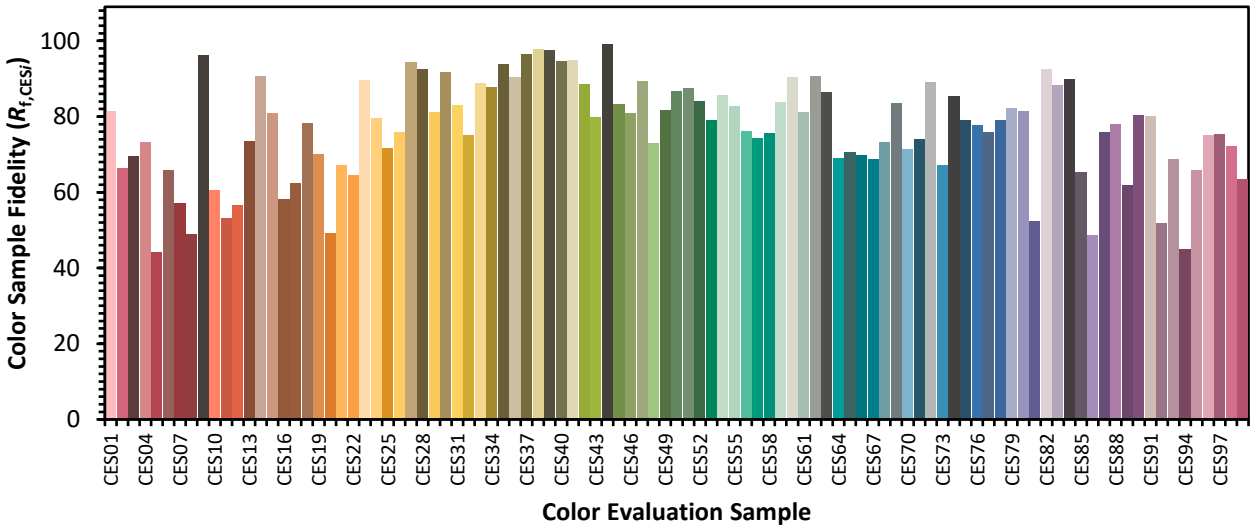




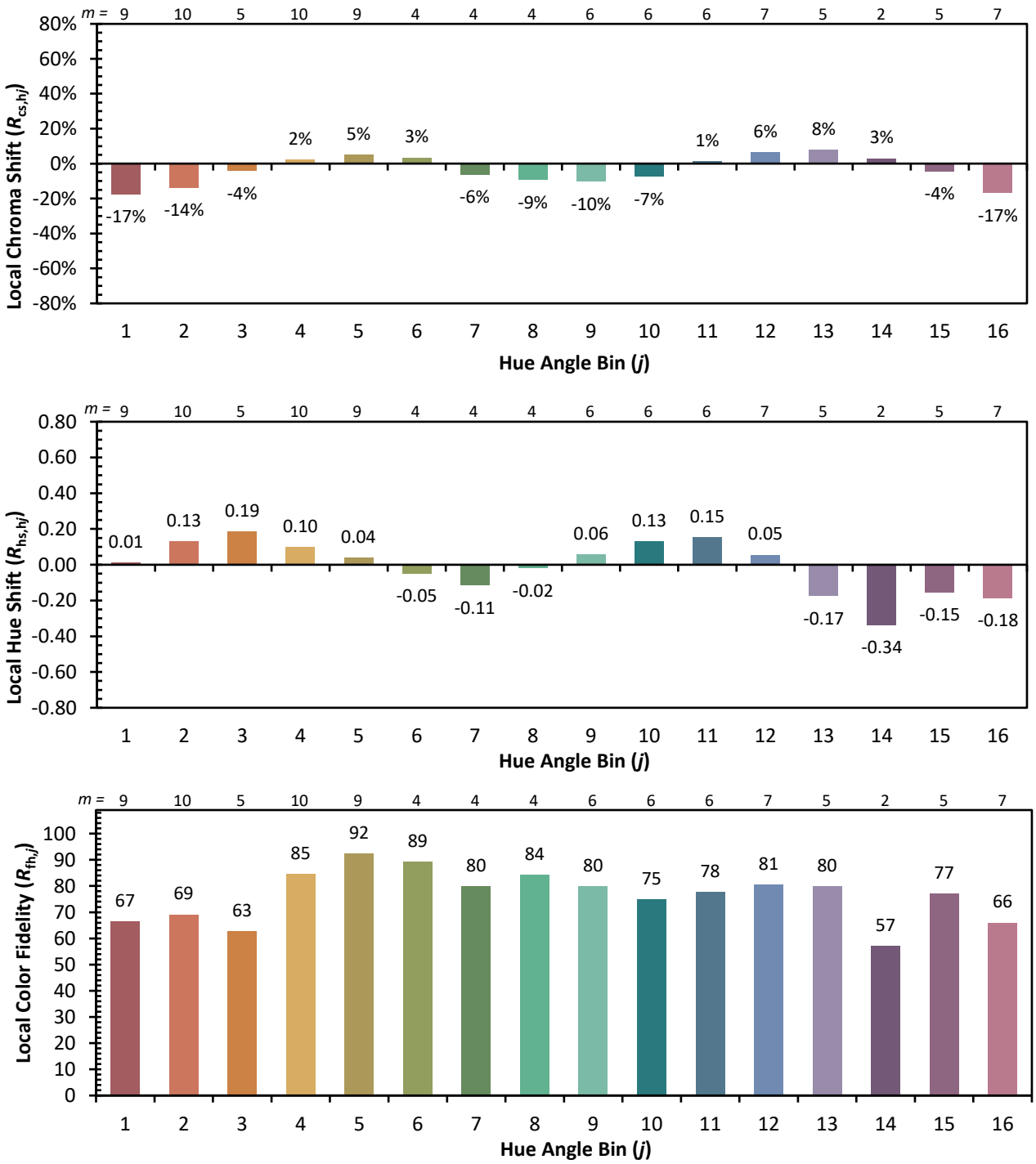


Individual Sample Fidelity Index ($R_{f,i}$)

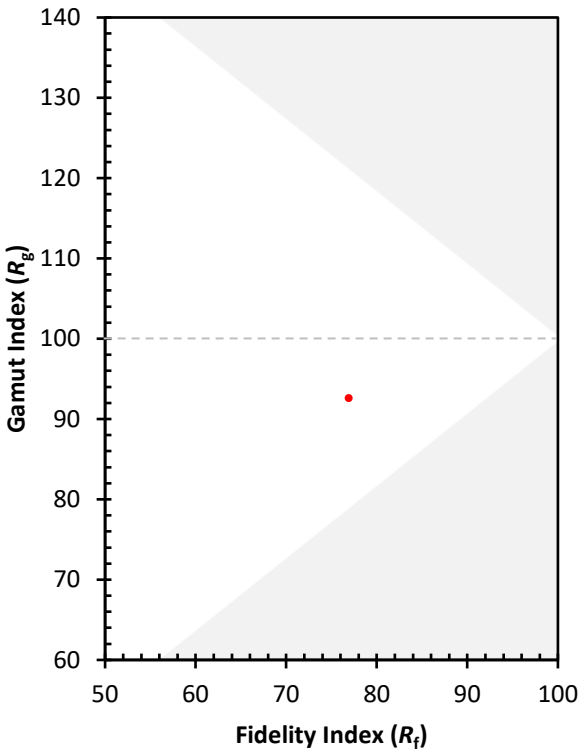
CES01 = 87	CES26 = 76	CES51 = 88	CES76 = 78
CES02 = 65	CES27 = 94	CES52 = 84	CES77 = 76
CES03 = 32	CES28 = 93	CES53 = 79	CES78 = 79
CES04 = 72	CES29 = 81	CES54 = 86	CES79 = 82
CES05 = 51	CES30 = 92	CES55 = 83	CES80 = 81
CES06 = 52	CES31 = 83	CES56 = 76	CES81 = 52
CES07 = 44	CES32 = 75	CES57 = 74	CES82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

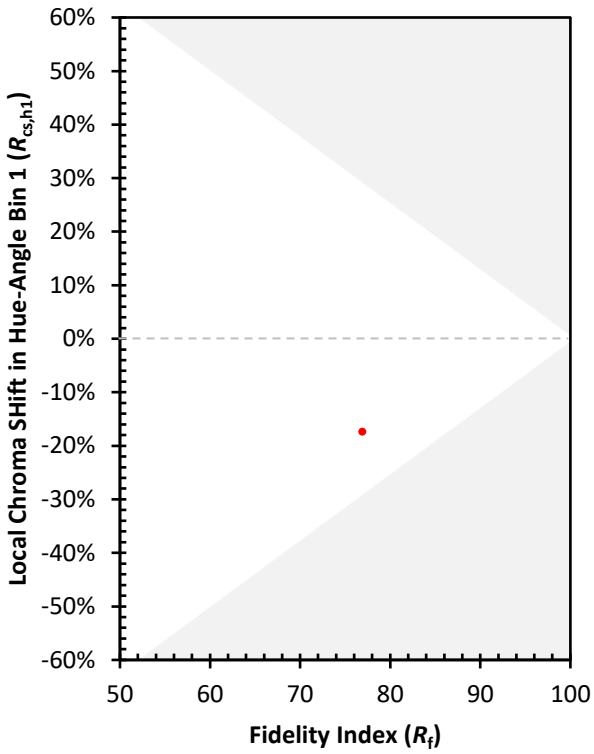


Color Rendition by Hue-Angle Bin



Measure Comparisons





(END OF REPORT)