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: P1047902

Luminaire Tested: **GALN-SA7B-827-U-T2BC**

Issue Date: 07/10/2025

Report Generated By 670347003

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

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1047902
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA7B-827-U-T2BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 7xLight Square PACKAGE 80CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(98) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	26792 lumens
Efficiency:	N/A
Efficacy:	107.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B0 - U0 - G4

Input Watts (W):	249.5
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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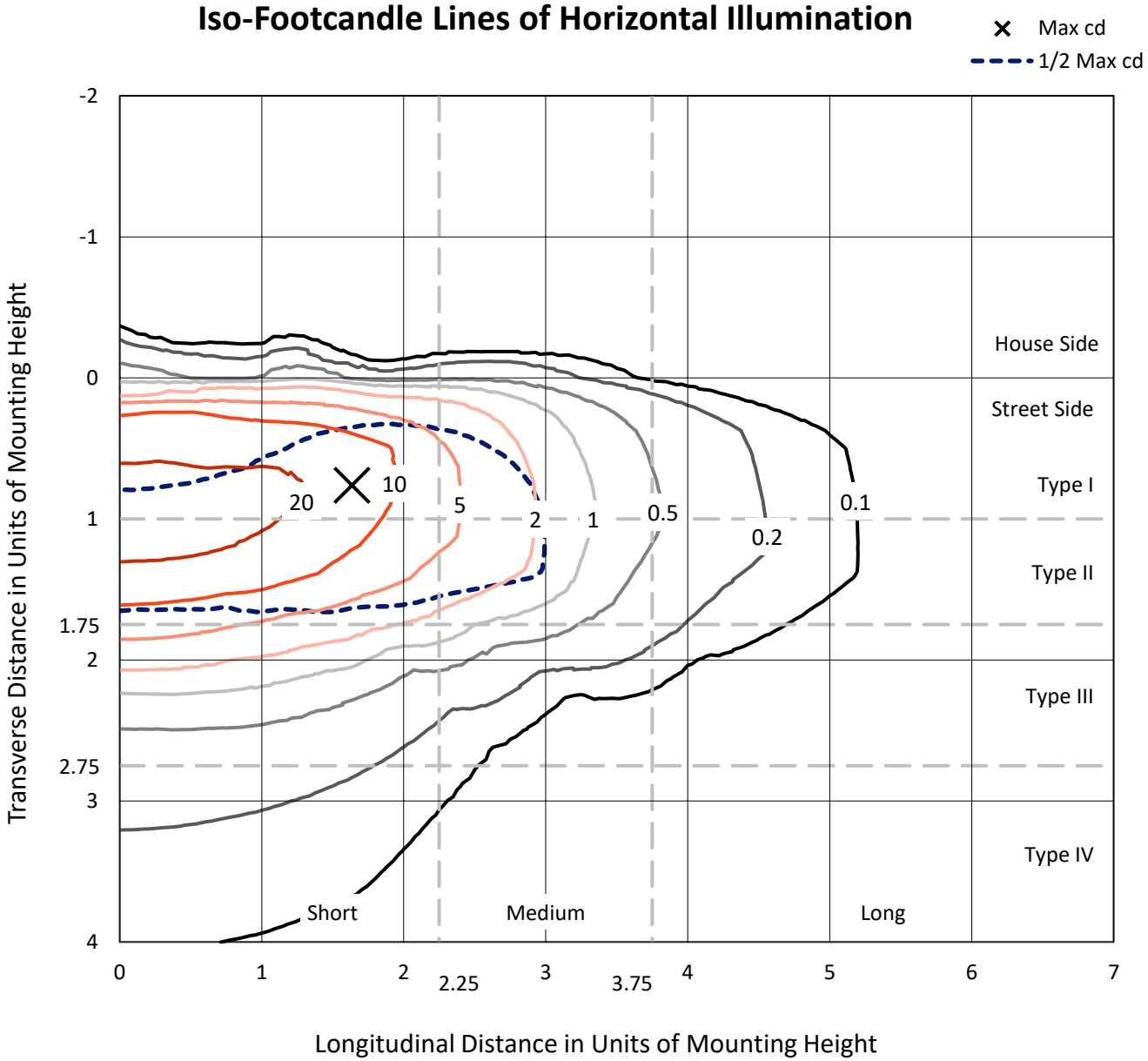
REPORT NUMBER: P1047902
CATALOG NUMBER: GALN-SA7B-827-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 35.4 fc
Type II - Short - N/A

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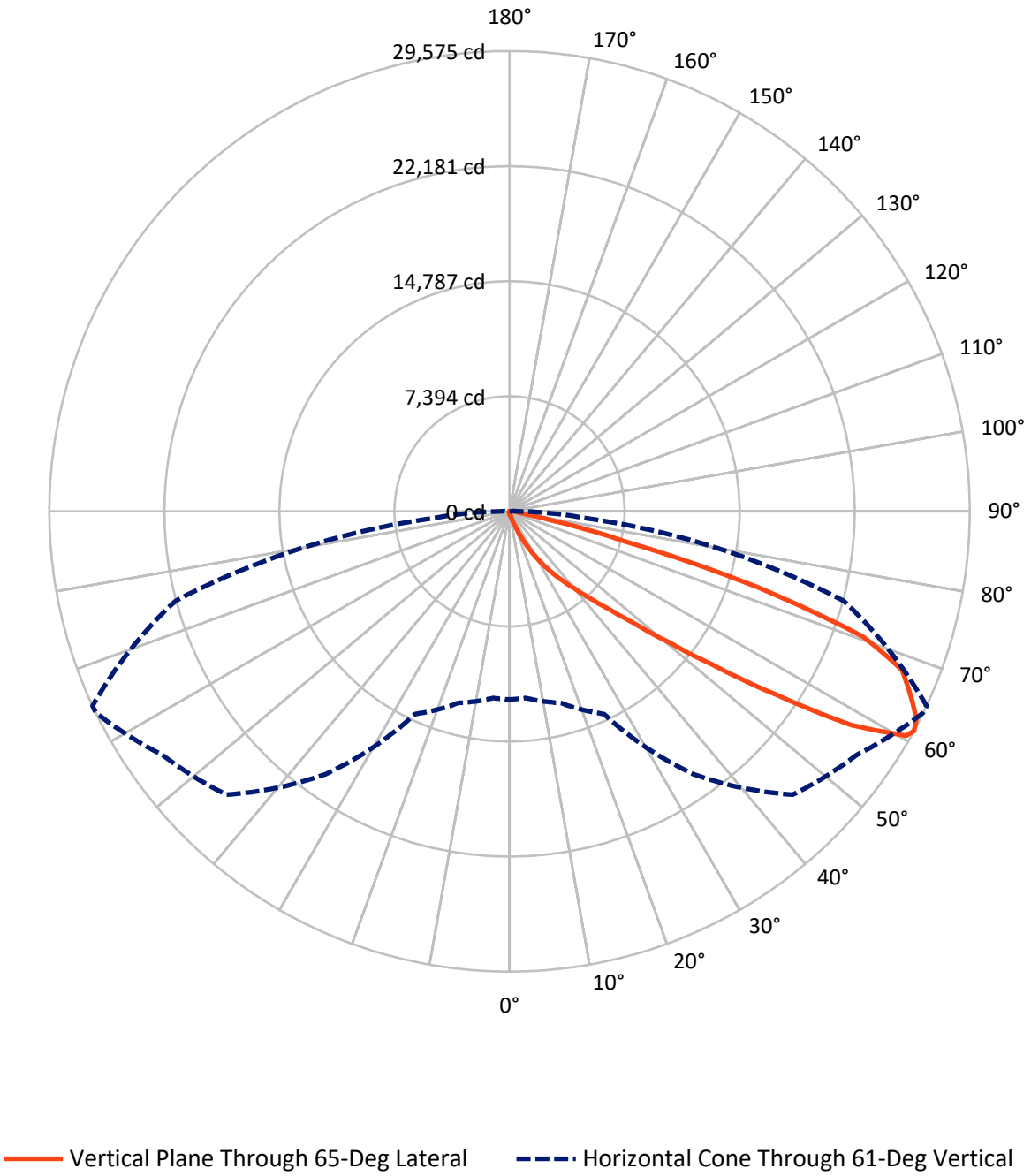
Luminous Intensity Polar Plot



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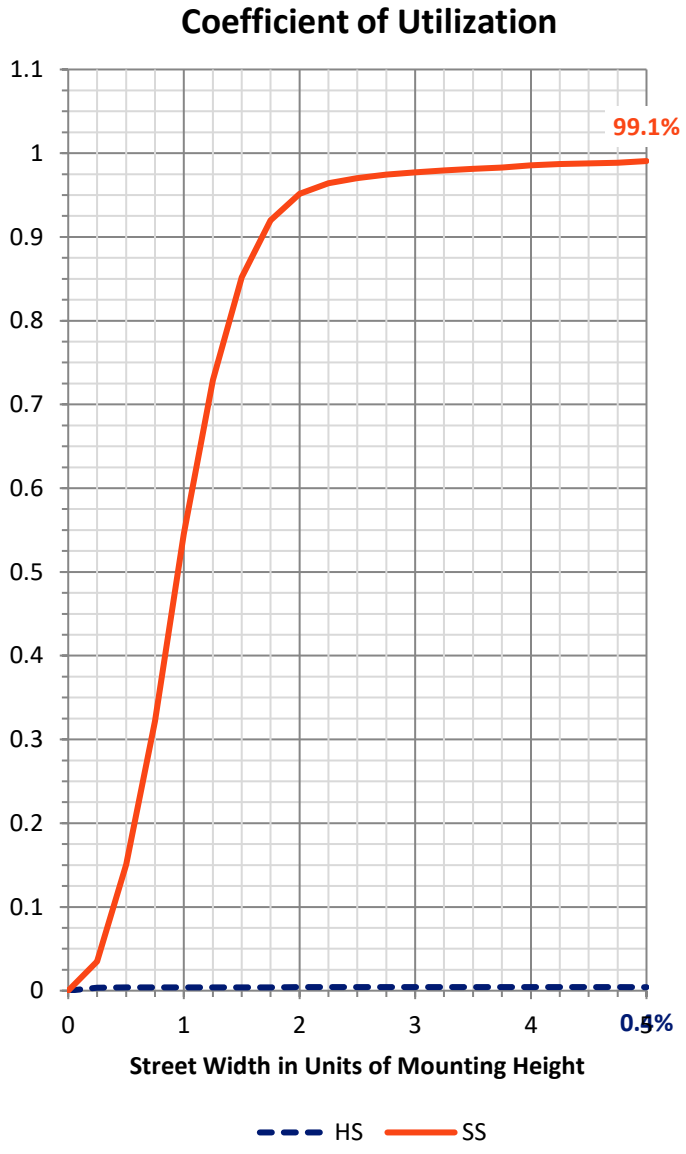
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	114.4	0.0	114.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	26677.6	0.0	26677.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	26792.0	0.0	26792.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.9	0.1
10°-20°	220.3	0.8
20°-30°	790.7	3.0
30°-40°	2105.1	7.9
40°-50°	5530.0	20.6
50°-60°	8567.0	32.0
60°-70°	7183.3	26.8
70°-80°	2113.9	7.9
80°-90°	260.8	1.0
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°	26792.0	100.0
0°-180°	26792.0	100.0



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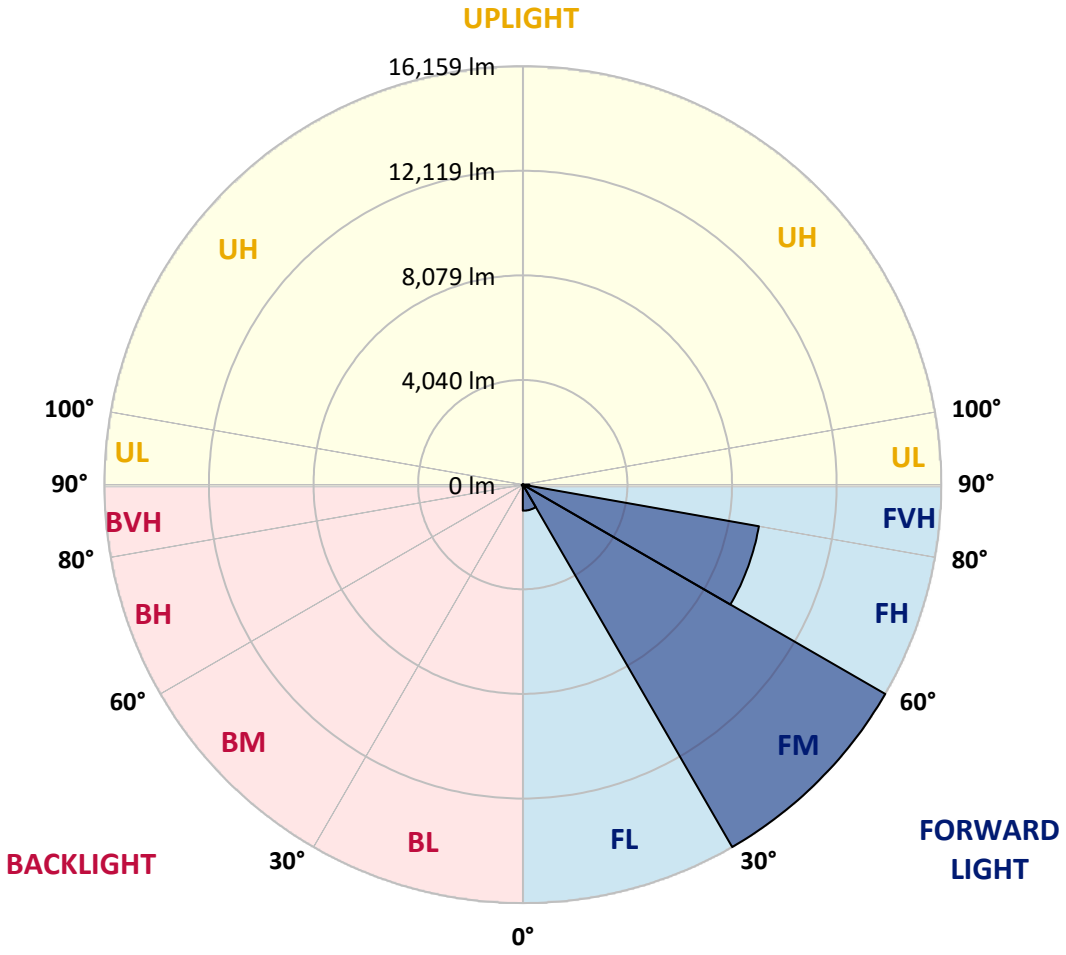
CATALOG NUMBER: GALN-SA7B-827-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1006.2	3.8			
FM	(30°-60°)	16158.6	60.3			
FH	(60°-80°)	9256.9	34.6			G4/12000
FVH	(80°-90°)	255.9	1.0			G3/500
BL	(0°-30°)	25.7	0.1	B0/110		
BM	(30°-60°)	43.5	0.2	B0/220		
BH	(60°-80°)	40.3	0.2	B0/110		G0/110
BVH	(80°-90°)	4.8	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G4
Type II Short



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REPORT NUMBER: P1047902
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	164.0	164.0	164.0	164.0	164.0	164.0	164.0	164.0	*164.0*	164.0	164.0
2.5°	199.0	200.9	197.2	189.8	184.3	184.3	182.5	176.9	*176.9*	171.4	167.7
5°	278.3	274.6	267.2	252.5	239.6	226.7	213.8	200.9	*199.0*	182.5	171.4
7.5°	455.2	458.9	434.9	388.9	350.2	300.4	254.3	226.7	*223.0*	195.4	173.2
10°	998.9	971.3	916.0	737.2	606.3	457.1	339.1	263.5	*259.9*	210.1	176.9
12.5°	1820.9	1798.8	1697.4	1513.1	1175.8	818.3	495.8	326.2	*315.2*	223.0	178.8
15°	2624.4	2589.4	2534.1	2348.0	1953.6	1467.0	810.9	446.0	*416.5*	241.4	176.9
17.5°	3136.8	3142.3	3092.6	3013.3	2759.0	2171.1	1400.7	665.3	*608.2*	274.6	173.2
20°	3584.6	3571.7	3599.4	3557.0	3378.2	2950.6	2038.4	1054.2	*956.5*	328.1	175.1
22.5°	4100.7	4132.0	4152.3	4143.1	3945.9	3580.9	2762.7	1577.6	*1454.1*	425.7	180.6
25°	4791.8	4788.1	4790.0	4766.0	4574.3	4168.9	3488.8	2228.2	*2102.9*	584.2	193.5
27.5°	5516.1	5538.2	5547.4	5460.8	5210.2	4812.1	4161.5	2939.6	*2792.1*	838.6	210.1
30°	6505.8	6487.4	6445.0	6268.0	5963.9	5470.0	4825.0	3686.0	*3531.2*	1194.3	235.9
32.5°	7840.1	7819.8	7606.1	7215.3	6760.1	6155.6	5492.1	4434.3	*4246.3*	1638.4	270.9
35°	10038.8	10070.1	9544.9	8533.1	7716.6	6979.4	6231.2	5178.8	*5013.0*	2185.8	318.8
37.5°	13406.0	13234.6	12521.3	10733.6	8975.4	8007.8	6937.0	5930.8	*5787.0*	2860.3	381.5
40°	16677.3	16507.7	16301.3	14607.6	11163.0	9141.3	7924.9	6813.6	*6627.4*	3621.5	473.7
42.5°	20116.3	20022.3	20013.1	18735.9	15155.0	10923.5	9113.6	7847.5	*7689.0*	4456.4	624.8
45°	22552.8	22458.8	22656.0	22879.0	20591.8	14742.1	11183.3	9191.0	*8960.7*	5470.0	866.2
47.5°	22880.8	22884.5	23411.6	24110.1	24631.7	20649.0	13940.4	10971.4	*10691.2*	6920.5	1271.7
50°	21789.8	21832.2	22670.7	23920.3	25324.6	25604.8	18802.3	13555.3	*13140.6*	8640.0	1846.7
52.5°	19712.7	19760.6	20929.1	22984.0	24687.0	26795.4	24526.6	16935.3	*16458.0*	10785.2	2657.6
55°	17842.1	17871.6	19211.4	21808.2	23918.4	26148.5	27925.1	21448.8	*20822.2*	13424.4	3457.5
57.5°	15989.9	15921.7	16793.4	19766.2	23787.6	25354.1	28426.4	26592.6	*25901.5*	16308.7	4080.4
60°	13512.9	13398.6	14098.9	15989.9	22066.2	25875.7	27488.3	29438.2	*29281.6*	20324.6	4561.4
61°	*12088.2*	*12040.3*	*12744.3*	*14366.2*	*20617.6*	*25743.0*	*27263.5*	*29558.0*	*29574.6*	*22224.7*	*4777.1*
62.5°	8632.6	8769.0	9845.3	11953.7	17268.9	24882.3	27293.0	29187.6	*29351.6*	24749.6	5335.5
65°	3837.1	4056.4	4893.2	6609.0	10042.5	20698.7	27031.3	28374.8	*28293.7*	25442.6	7259.6
67.5°	2276.1	2309.3	2725.8	3745.0	5318.9	11133.6	23853.9	27300.3	*27191.6*	22149.2	9032.5
70°	1793.2	1809.8	1942.5	2349.8	3087.0	4264.7	13614.2	23619.9	*24093.5*	17960.0	8842.7
72.5°	1701.1	1697.4	1715.8	1787.7	1944.4	2115.8	5271.0	15700.5	*16664.4*	12934.2	7414.4
75°	1679.0	1671.6	1653.2	1625.5	1408.1	1245.9	1632.9	6944.4	*7502.8*	8837.2	5582.4
77.5°	1629.2	1631.1	1634.7	1559.2	1207.2	881.0	790.6	2228.2	*2740.5*	5608.2	3968.0
80°	1102.1	1118.7	1146.3	1116.9	1085.5	637.7	558.4	792.5	*803.5*	3147.8	2620.7
82.5°	558.4	558.4	545.5	486.6	420.2	414.7	444.2	575.0	*582.4*	1592.4	1233.0
85°	337.3	355.7	363.1	329.9	302.3	278.3	339.1	457.1	*473.7*	617.4	287.5
87.5°	75.6	77.4	84.8	112.4	164.0	223.0	315.2	418.4	*425.7*	396.2	35.0
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: GALN-SA7B-827-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	164.0	164.0	164.0	164.0	164.0	164.0	164.0	164.0	164.0	164.0	164.0
2.5°	165.9	162.2	160.3	154.8	149.3	143.8	140.1	138.2	140.1	141.9	141.9
5°	164.0	158.5	149.3	140.1	132.7	125.3	118.0	116.1	116.1	118.0	118.0
7.5°	164.0	154.8	141.9	130.9	119.8	108.7	103.2	99.5	101.4	101.4	101.4
10°	164.0	153.0	136.4	119.8	106.9	94.0	84.8	81.1	81.1	81.1	81.1
12.5°	162.2	151.1	130.9	110.6	92.1	77.4	66.3	60.8	62.7	62.7	62.7
15°	158.5	145.6	123.5	94.0	73.7	59.0	47.9	42.4	44.2	47.9	49.8
17.5°	153.0	140.1	110.6	79.2	59.0	44.2	33.2	29.5	31.3	36.9	36.9
20°	151.1	134.5	97.7	64.5	44.2	31.3	22.1	18.4	20.3	27.6	29.5
22.5°	151.1	130.9	88.5	53.4	33.2	20.3	12.9	7.4	7.4	12.9	12.9
25°	153.0	129.0	81.1	44.2	24.0	14.7	7.4	3.7	7.4	20.3	24.0
27.5°	156.7	127.2	77.4	36.9	18.4	12.9	5.5	12.9	22.1	22.1	22.1
30°	160.3	123.5	71.9	31.3	16.6	9.2	9.2	18.4	18.4	22.1	24.0
32.5°	165.9	121.6	68.2	27.6	12.9	7.4	12.9	11.1	11.1	12.9	14.7
35°	176.9	123.5	64.5	27.6	12.9	9.2	11.1	5.5	3.7	3.7	3.7
37.5°	191.7	125.3	59.0	24.0	11.1	11.1	5.5	0.0	0.0	0.0	0.0
40°	215.6	130.9	55.3	22.1	9.2	9.2	1.8	0.0	0.0	0.0	0.0
42.5°	256.2	141.9	53.4	20.3	9.2	7.4	0.0	0.0	0.0	0.0	0.0
45°	337.3	167.7	49.8	18.4	9.2	3.7	0.0	0.0	0.0	0.0	0.0
47.5°	484.7	228.5	47.9	14.7	5.5	0.0	0.0	0.0	0.0	0.0	0.0
50°	707.7	309.6	46.1	12.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	903.1	326.2	31.3	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	925.2	224.8	24.0	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	737.2	145.6	20.3	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	558.4	110.6	18.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	*536.3*	*99.5*	*18.4*	*1.8*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	591.6	86.6	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	962.0	71.9	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1671.6	62.7	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2112.1	59.0	11.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1841.2	53.4	11.1	3.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0
75°	1107.6	46.1	11.1	7.4	3.7	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	580.5	35.0	11.1	9.2	5.5	1.8	0.0	0.0	0.0	0.0	0.0
80°	282.0	31.3	12.9	9.2	7.4	3.7	0.0	0.0	0.0	0.0	0.0
82.5°	110.6	25.8	14.7	12.9	9.2	5.5	1.8	0.0	0.0	0.0	0.0
85°	49.8	22.1	16.6	14.7	12.9	7.4	1.8	0.0	0.0	0.0	0.0
87.5°	25.8	20.3	18.4	16.6	12.9	9.2	3.7	0.0	0.0	0.0	0.0
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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

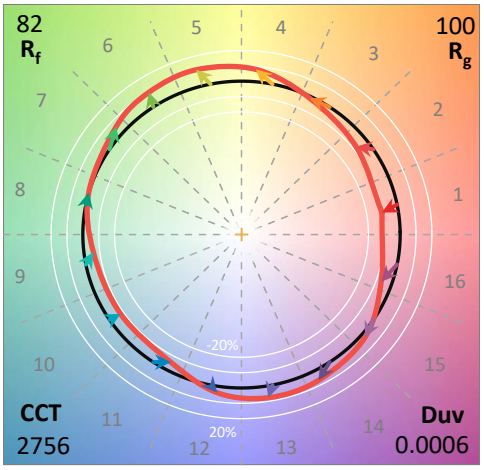
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-8
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-827-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2756
CIE u':	0.2599
CIE v':	0.5271
Duv:	0.0006
CIE x:	0.4563
CIE y:	0.4112
CIE z:	0.1325
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	583
Purity:	60.41121
Rf:	82.2
Rg:	99.9

CRI (Ra):	82.9
R1:	81.6
R2:	88.8
R3:	96.0
R4:	83.4
R5:	81.4
R6:	87.0
R7:	84.0
R8:	60.8
R9:	10.8
R10:	74.8
R11:	84.3
R12:	72.1
R13:	82.9
R14:	97.3
R15:	73.7



Test Conditions

Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

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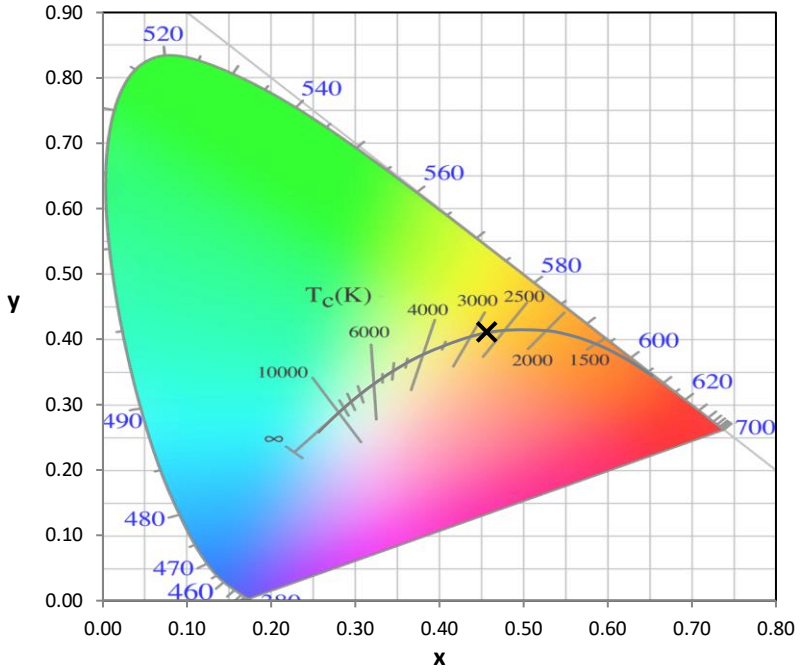
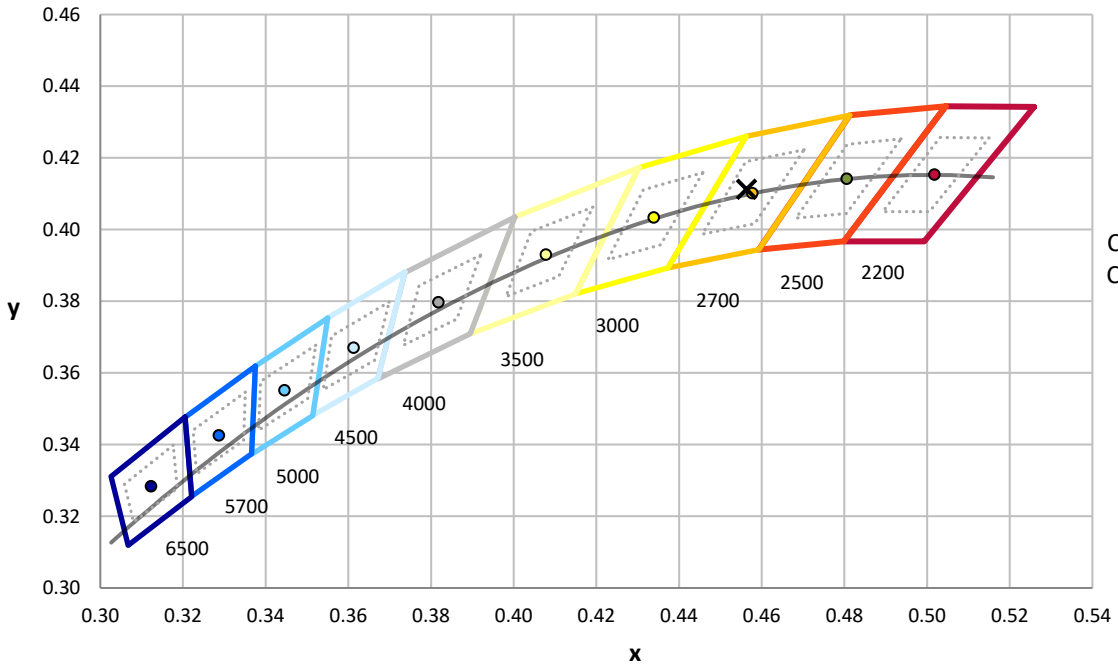
CIE 1931 Chromaticity Diagram



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

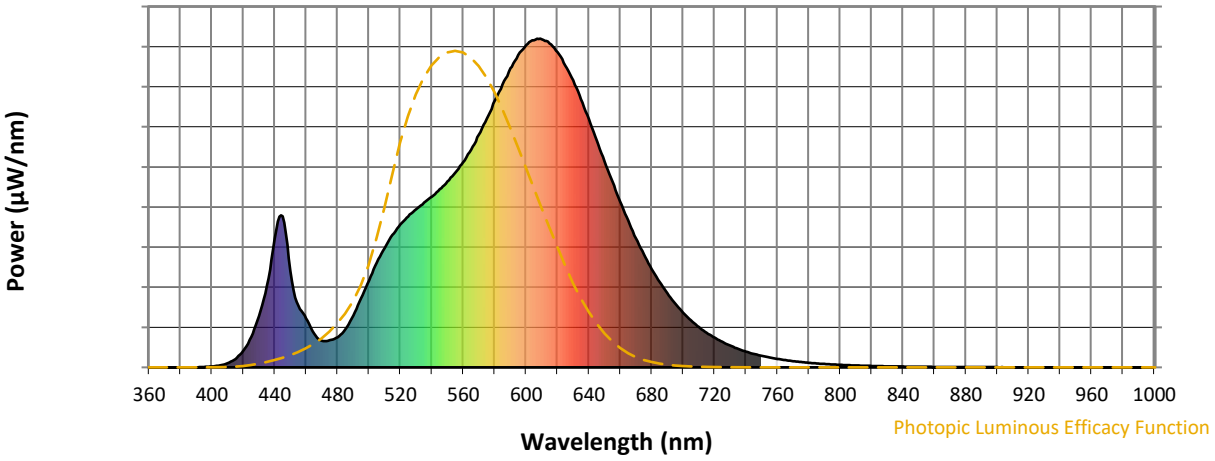


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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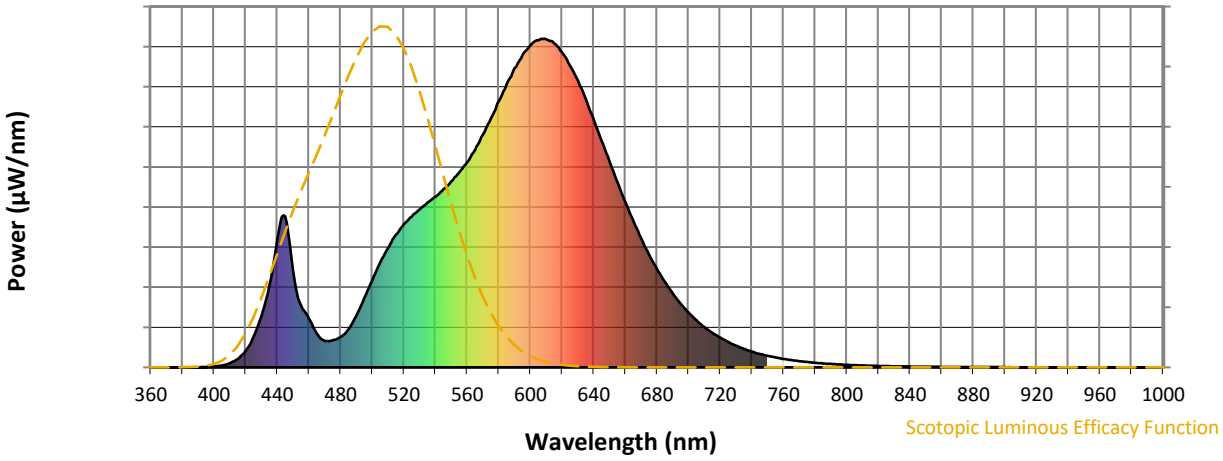
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.2**

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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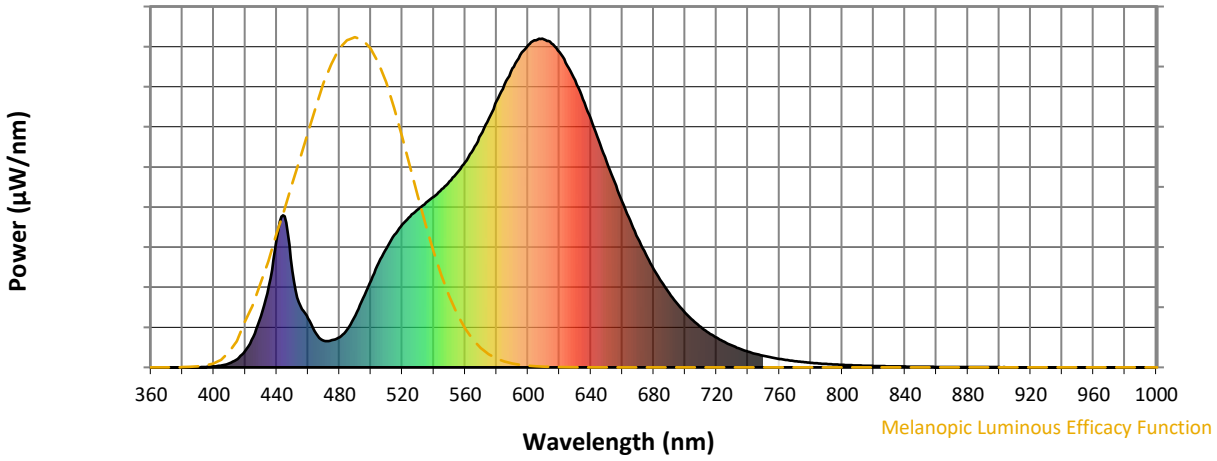
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.16**

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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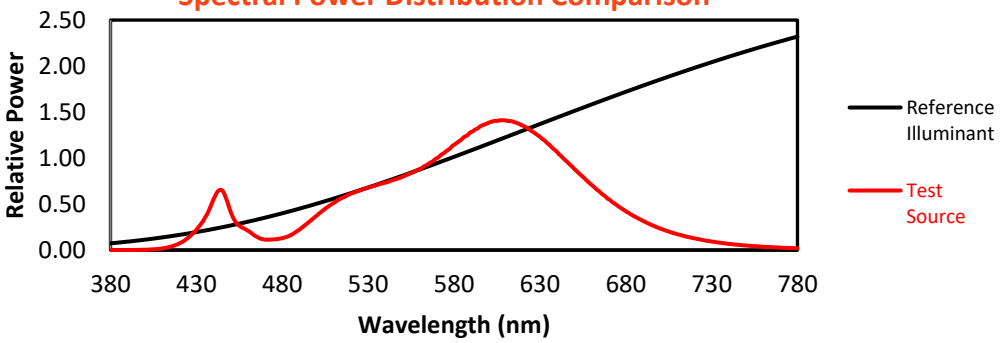
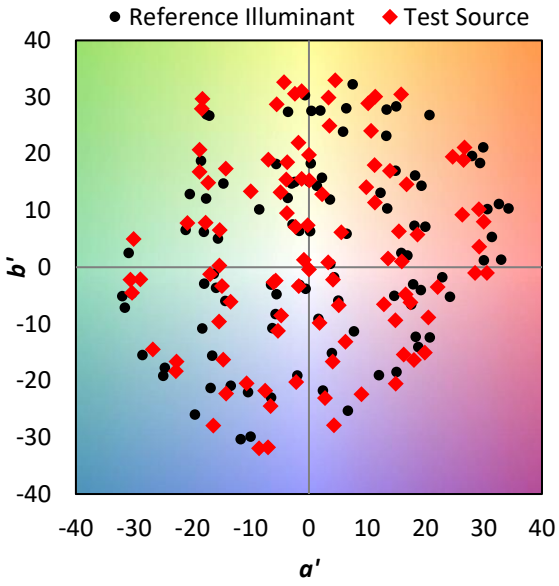
Summary

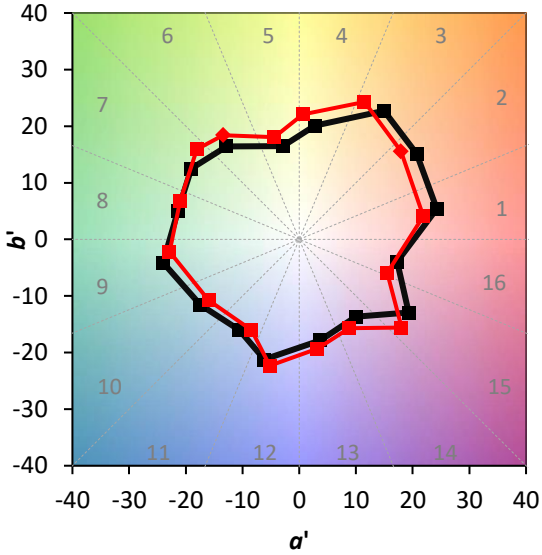
R_f = 82.2
R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

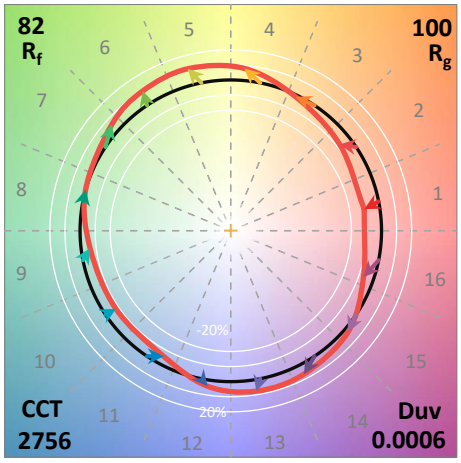
Spectral Power Distribution Comparison

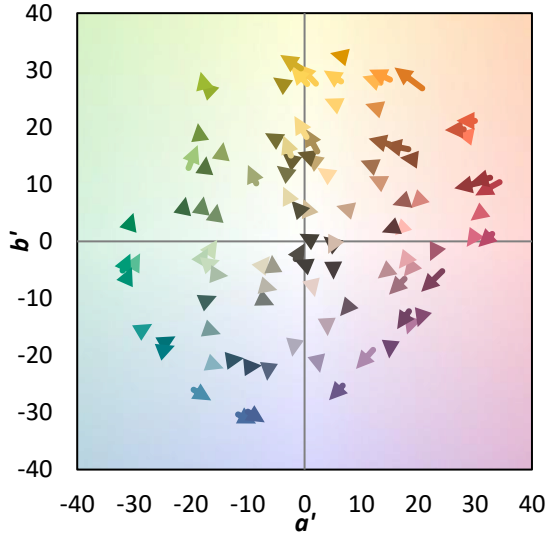


Color Vector Graphics









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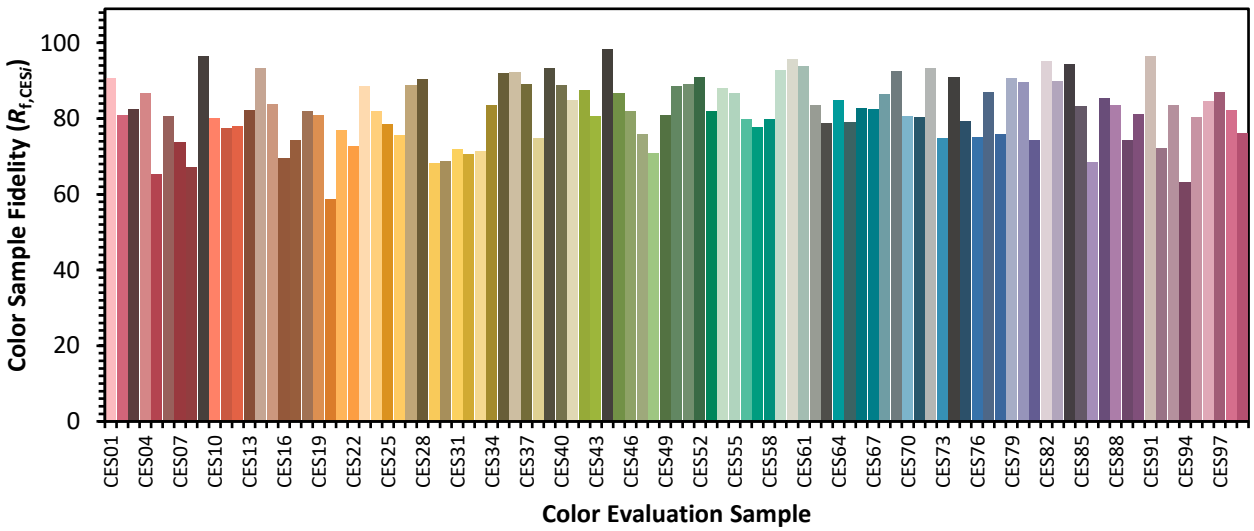
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



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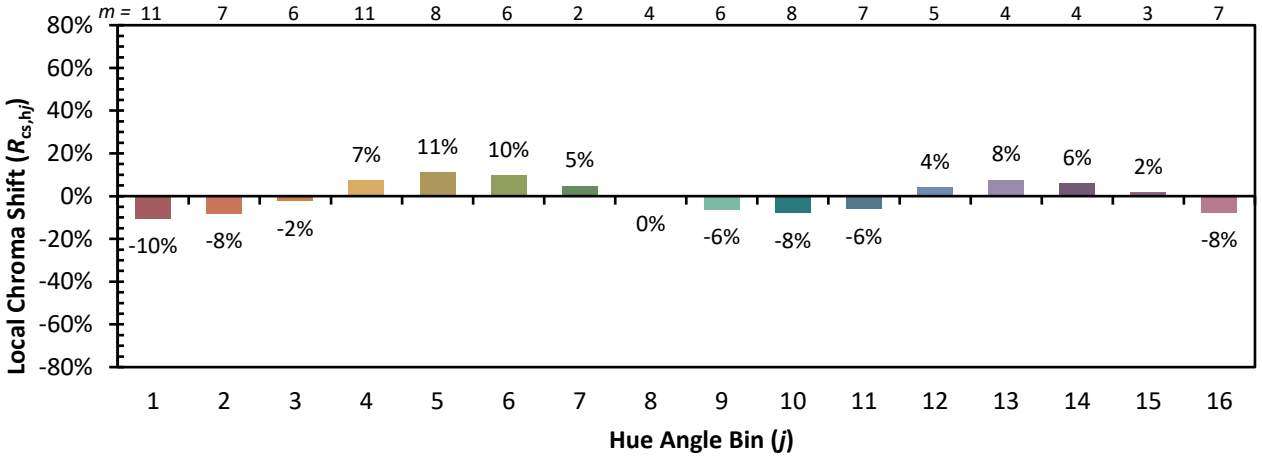
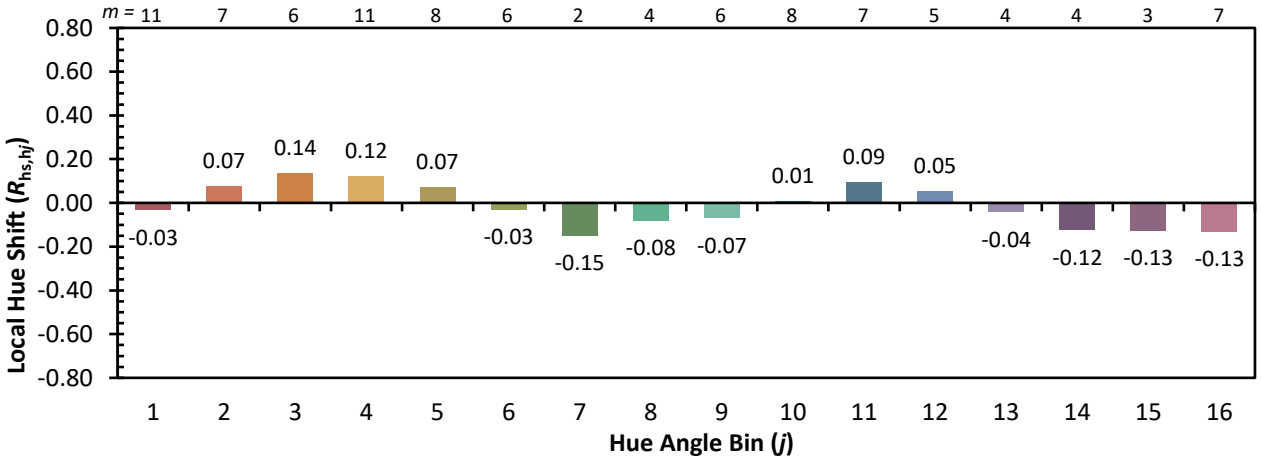
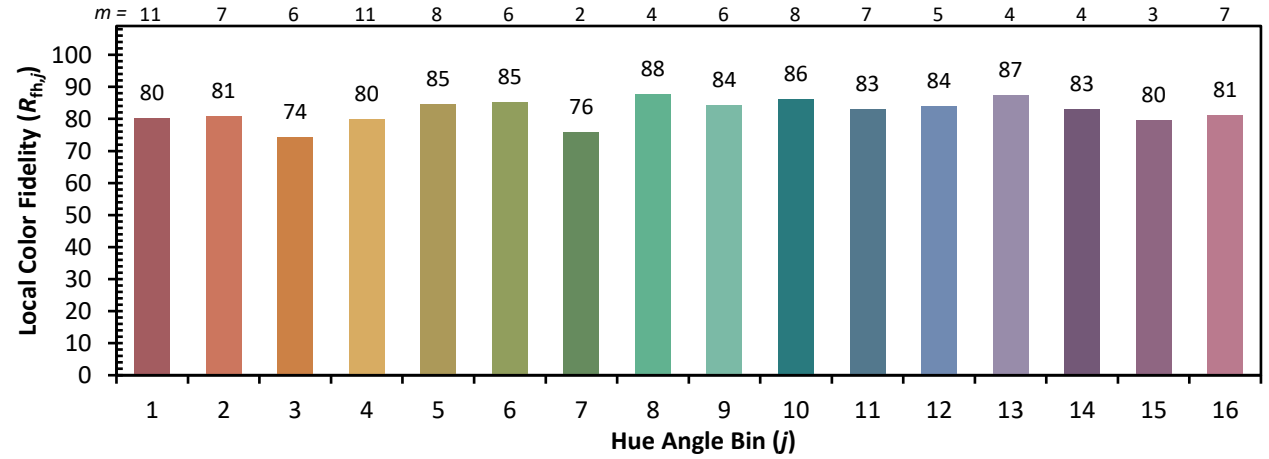
Color Rendition by Hue-Angle Bin







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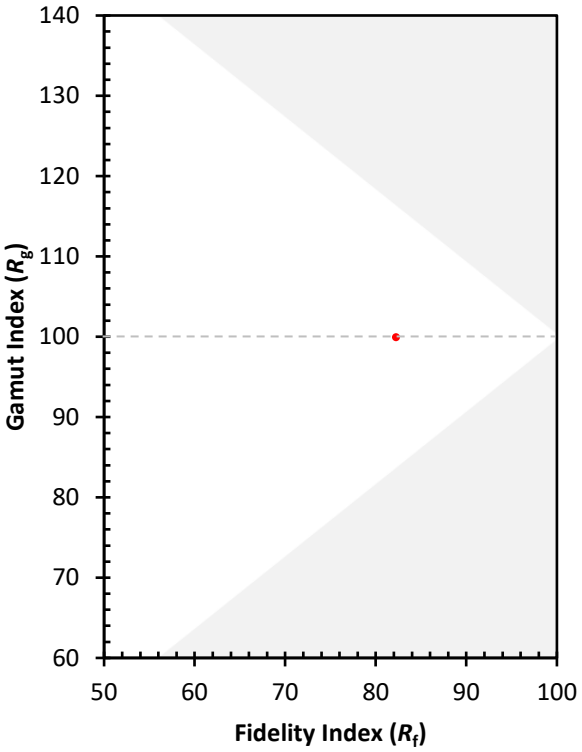
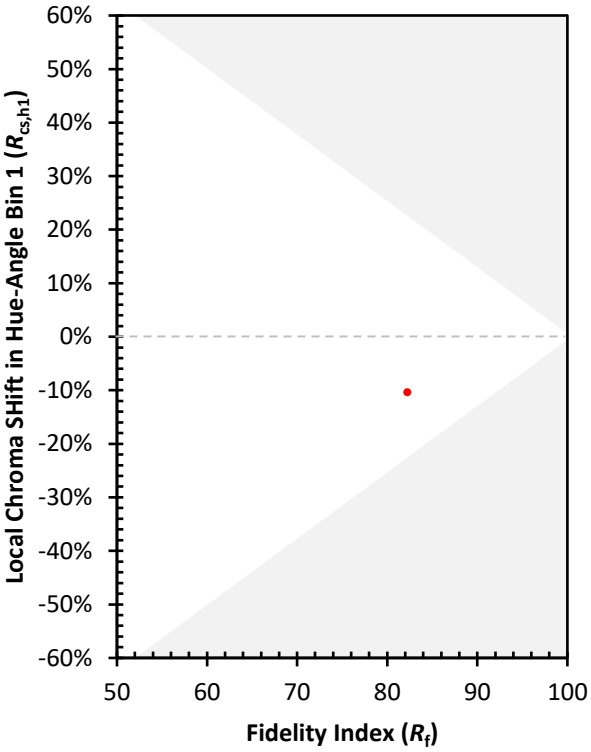
Measure Comparisons





(END OF REPORT)