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: P1047291

Luminaire Tested: **GALN-SA7C-827-U-T3BC**

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:	P1047291
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA7C-827-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 7xLight Square PACKAGE 80CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(98) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	34858.6 lumens
Efficiency:	N/A
Efficacy:	105.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G5

Input Watts (W):	330
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: P1047291
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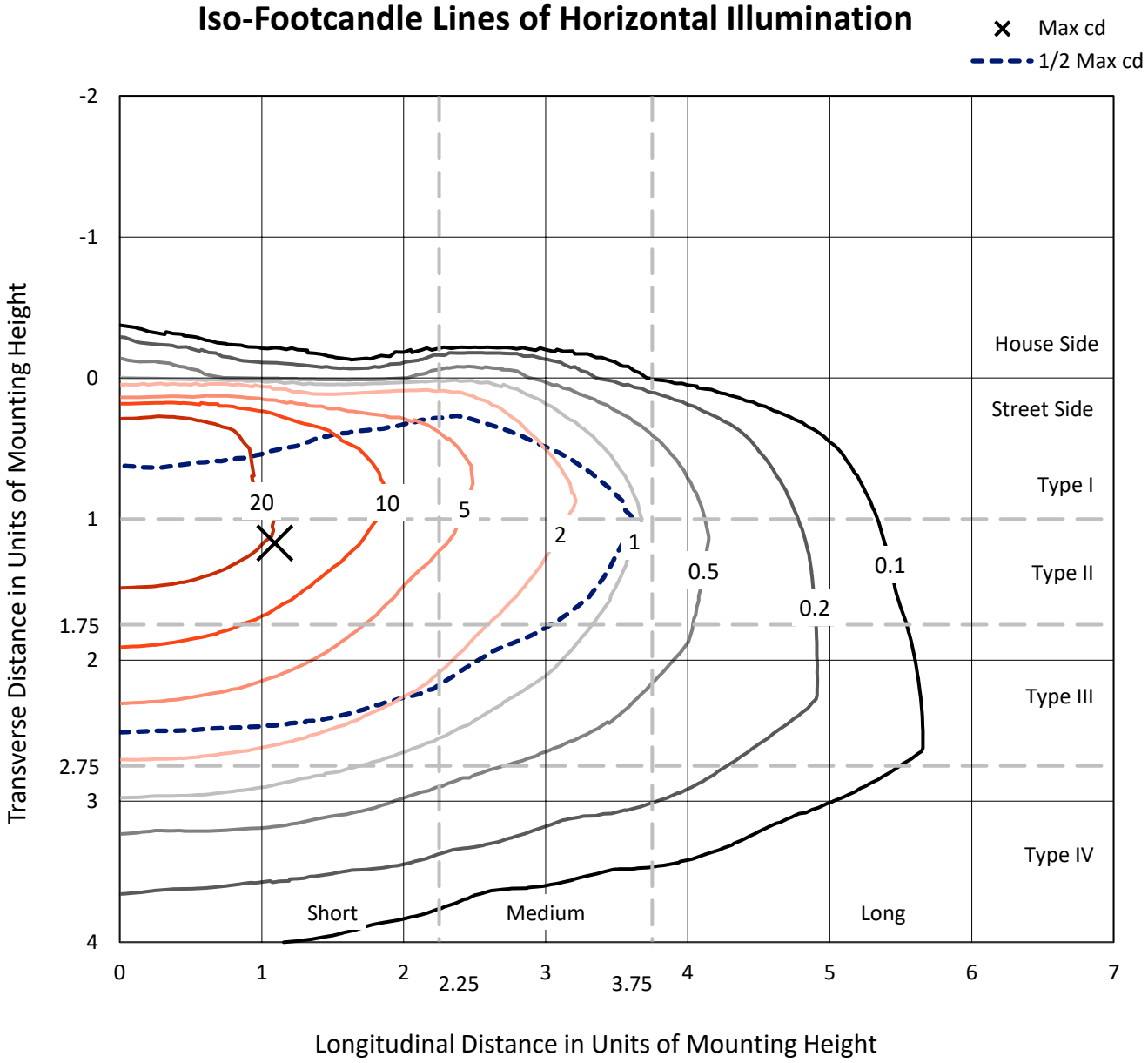
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 39.1 fc
Type III - Short - N/A

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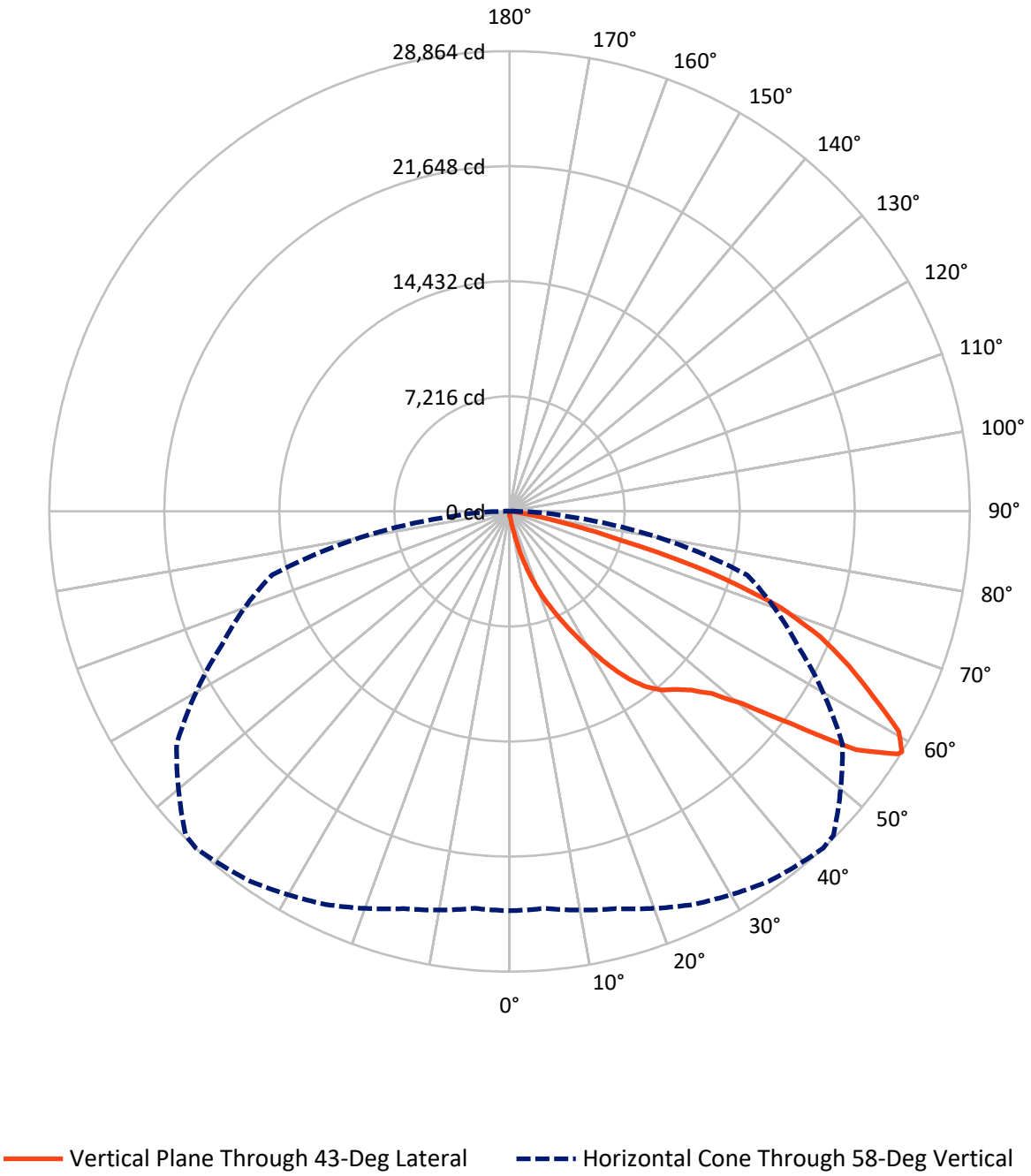
Luminous Intensity Polar Plot



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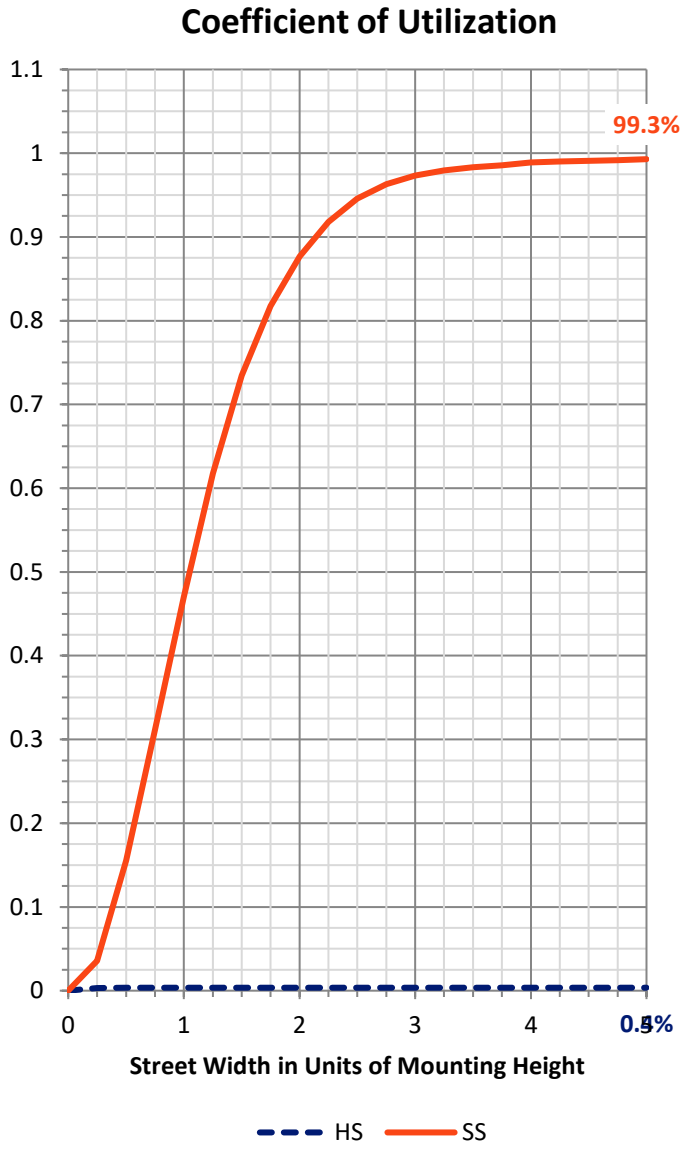
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	127.3	0.0	127.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	34731.4	0.0	34731.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	34858.6	0.0	34858.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.4	0.1
10°-20°	400.7	1.1
20°-30°	1444.2	4.1
30°-40°	3304.4	9.5
40°-50°	5573.2	16.0
50°-60°	9197.1	26.4
60°-70°	10279.0	29.5
70°-80°	4244.0	12.2
80°-90°	382.6	1.1
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°	34858.6	100.0
0°-180°	34858.6	100.0



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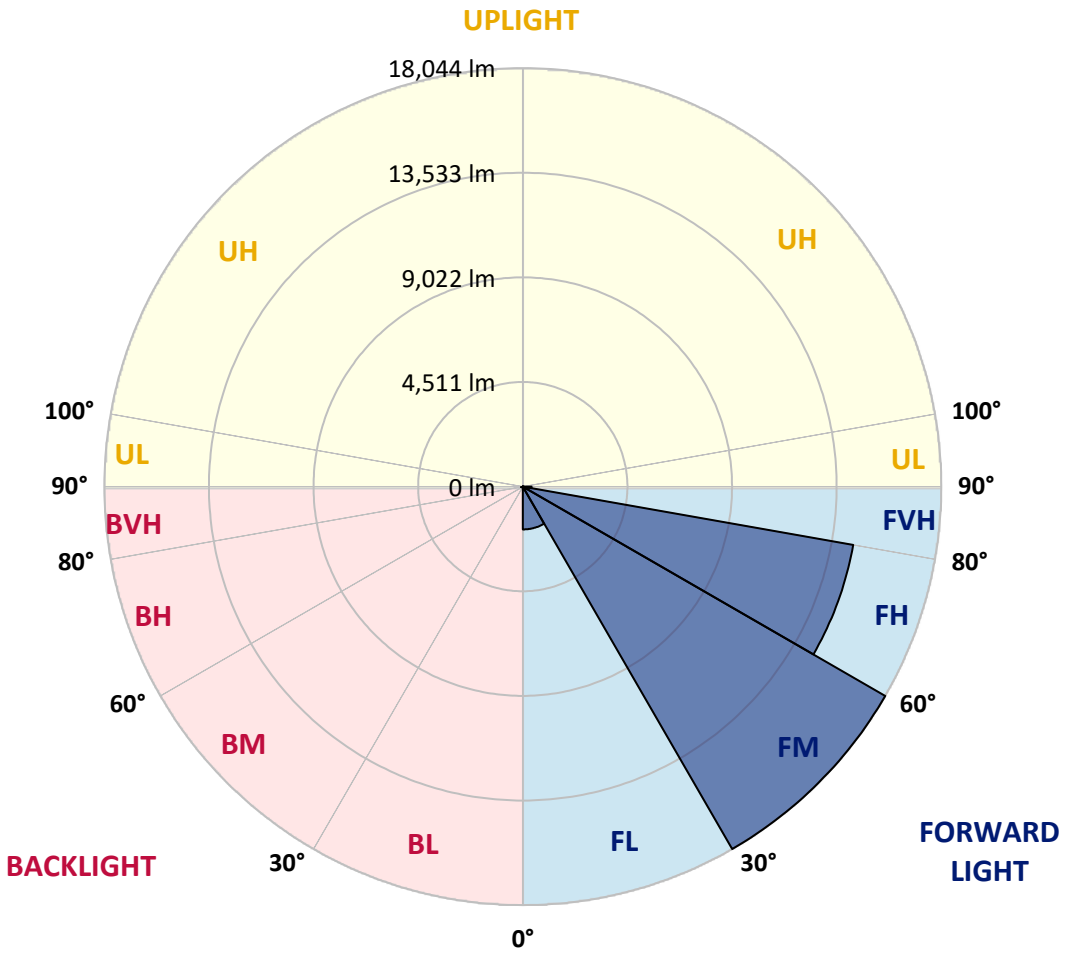
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1845.1	5.3			
FM	(30°-60°)	18044.2	51.8			
FH	(60°-80°)	14464.7	41.5			G5
FVH	(80°-90°)	377.4	1.1			G3/500
BL	(0°-30°)	33.2	0.1	B0/110		
BM	(30°-60°)	30.5	0.1	B0/220		
BH	(60°-80°)	58.3	0.2	B0/110		G0/110
BVH	(80°-90°)	5.2	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-G5
Type III Short



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REPORT NUMBER: P1047291
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	227.9	227.9	227.9	227.9	227.9	*227.9*	227.9	227.9	227.9	227.9	227.9
2.5°	273.5	282.6	273.5	273.5	273.5	*264.4*	264.4	255.3	255.3	246.2	237.0
5°	401.1	401.1	373.8	355.6	337.3	*328.2*	319.1	300.9	282.6	264.4	246.2
7.5°	893.5	893.5	811.4	702.0	556.1	*474.1*	455.8	373.8	319.1	282.6	246.2
10°	2133.4	2133.4	1951.0	1650.2	1276.4	*948.2*	847.9	537.9	382.9	300.9	255.3
12.5°	3546.5	3592.1	3364.2	2981.3	2425.1	*1850.7*	1650.2	984.6	510.6	328.2	255.3
15°	4813.8	4704.4	4640.5	4275.9	3747.1	*3063.3*	2808.0	1659.3	738.5	373.8	255.3
17.5°	5670.8	5670.8	5579.6	5333.4	4850.2	*4248.5*	4038.8	2680.4	1194.3	428.5	264.4
20°	6673.6	6673.6	6509.5	6336.3	5907.8	*5397.2*	5196.7	3810.9	1850.7	547.0	264.4
22.5°	7886.2	7904.4	7722.1	7412.1	7001.8	*6436.6*	6263.4	4859.3	2680.4	729.4	273.5
25°	9363.1	9381.4	9117.0	8825.2	8196.2	*7585.3*	7320.9	6062.8	3692.4	1021.1	273.5
27.5°	10995.1	11122.7	10730.7	10229.2	9563.7	*8797.9*	8597.3	7147.7	4695.2	1440.5	291.7
30°	13028.2	13028.2	12508.5	11806.5	11086.2	*10138.1*	9882.8	8287.3	5761.9	1996.6	310.0
32.5°	14778.6	14641.9	13976.3	13237.8	12472.0	*11587.7*	11314.2	9481.7	6856.0	2689.5	346.4
35°	16118.8	16000.3	15179.8	14386.6	13721.0	*12909.6*	12581.4	10776.3	8013.8	3473.6	401.1
37.5°	17267.5	17222.0	16109.7	15115.9	14678.3	*13967.2*	13675.5	11997.9	9153.4	4321.4	465.0
40°	18525.7	18379.8	17194.6	15963.8	15307.4	*14733.0*	14468.6	12982.6	10247.5	5315.2	556.1
42.5°	19601.5	19428.3	18361.6	17158.1	16036.8	*15261.8*	15006.5	13812.2	11314.2	6308.9	674.7
45°	20795.8	20704.6	19628.8	18717.1	17222.0	*15982.1*	15644.7	14477.8	12289.7	7494.2	829.6
47.5°	22591.9	22427.8	21424.9	20677.3	18945.1	*17076.1*	16592.9	15161.5	13228.7	8661.1	1066.7
50°	24679.6	24570.2	23977.6	23385.0	21661.9	*18945.1*	18370.7	16146.2	14277.2	10046.9	1376.7
52.5°	26384.5	26366.3	26439.2	26448.3	25144.6	*22090.4*	21233.4	17732.5	15480.6	11414.4	1814.3
55°	26348.1	26430.1	27232.4	28153.2	28253.5	*26384.5*	25554.9	20403.8	17048.7	13101.1	2425.1
57.5°	25363.4	25299.6	26147.5	27533.3	28508.8	*28709.3*	28572.6	24552.0	19410.0	15134.2	3364.2
58°	*25044.3*	*24989.6*	*25791.9*	*27205.0*	*28326.4*	*28864.3*	*28727.6*	*25491.1*	*19938.8*	*15425.9*	*3619.4*
60°	23886.5	23895.6	24369.7	25655.2	26776.5	*28052.9*	28180.6	28171.4	22573.6	17376.9	4904.9
62.5°	22354.8	22281.9	22719.5	23767.9	24752.6	*25609.6*	25828.4	28353.8	26430.1	19856.8	7357.4
65°	20239.7	20130.3	20595.2	21780.4	22838.0	*23394.2*	23403.3	25910.4	28244.4	22518.9	10858.3
67.5°	16310.3	16219.1	17149.0	18671.6	20303.5	*21032.9*	21361.1	22482.5	26712.7	24324.1	12864.0
70°	9992.2	10183.7	11478.3	13866.9	16656.7	*17996.9*	18489.2	18835.7	22746.8	24050.6	10758.0
72.5°	4613.2	4385.3	5488.4	7156.8	10338.6	*13319.9*	13830.4	15188.9	18033.4	20877.9	8022.9
75°	2151.6	2069.6	2324.8	3127.1	4686.1	*7193.3*	8123.2	12125.6	13830.4	14523.3	5789.3
77.5°	1103.2	1112.3	1322.0	1422.2	1932.8	*3327.7*	3820.0	7977.4	10138.1	8105.0	3883.8
80°	483.2	501.4	510.6	556.1	784.1	*1285.5*	1449.6	3701.5	6928.9	4130.0	2124.3
82.5°	310.0	319.1	319.1	319.1	373.8	*510.6*	583.5	1486.1	3455.3	2051.3	656.4
85°	164.1	164.1	182.3	227.9	264.4	*310.0*	328.2	474.1	1139.6	610.8	155.0
87.5°	91.2	100.3	109.4	136.8	173.2	*209.7*	227.9	328.2	437.6	419.4	36.5
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	227.9	227.9	227.9	227.9	227.9	227.9	227.9	227.9	227.9	227.9	227.9
2.5°	237.0	227.9	218.8	209.7	200.6	191.5	191.5	191.5	191.5	191.5	191.5
5°	227.9	218.8	209.7	191.5	173.2	164.1	155.0	145.9	145.9	145.9	145.9
7.5°	227.9	218.8	191.5	173.2	155.0	136.8	118.5	118.5	118.5	118.5	118.5
10°	227.9	209.7	182.3	155.0	127.6	109.4	100.3	91.2	91.2	91.2	91.2
12.5°	227.9	200.6	173.2	136.8	109.4	91.2	82.1	72.9	72.9	72.9	72.9
15°	227.9	200.6	164.1	127.6	100.3	72.9	63.8	54.7	54.7	54.7	54.7
17.5°	218.8	191.5	155.0	109.4	82.1	54.7	45.6	36.5	36.5	45.6	45.6
20°	209.7	182.3	136.8	91.2	63.8	45.6	27.4	27.4	27.4	27.4	27.4
22.5°	209.7	182.3	127.6	82.1	54.7	27.4	18.2	18.2	18.2	18.2	27.4
25°	209.7	173.2	109.4	63.8	36.5	18.2	9.1	9.1	9.1	9.1	9.1
27.5°	209.7	173.2	100.3	54.7	27.4	18.2	9.1	0.0	0.0	0.0	0.0
30°	200.6	164.1	91.2	45.6	18.2	9.1	0.0	0.0	0.0	0.0	0.0
32.5°	200.6	155.0	72.9	36.5	18.2	9.1	0.0	0.0	0.0	0.0	0.0
35°	209.7	145.9	63.8	27.4	9.1	0.0	0.0	0.0	0.0	0.0	9.1
37.5°	218.8	136.8	54.7	18.2	9.1	0.0	0.0	0.0	0.0	0.0	0.0
40°	227.9	127.6	54.7	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	246.2	127.6	45.6	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	264.4	127.6	36.5	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	300.9	136.8	36.5	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	328.2	145.9	27.4	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	364.7	136.8	27.4	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	410.3	136.8	27.4	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	446.7	127.6	27.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*465.0*	*118.5*	*18.2*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	556.1	109.4	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	866.1	91.2	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1759.6	82.1	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3282.1	72.9	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3674.1	82.1	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2315.7	63.8	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1221.7	63.8	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	610.8	63.8	9.1	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	282.6	45.6	9.1	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	118.5	27.4	18.2	9.1	9.1	0.0	0.0	0.0	0.0	0.0	0.0
85°	54.7	27.4	18.2	18.2	9.1	9.1	0.0	0.0	0.0	0.0	0.0
87.5°	27.4	27.4	27.4	18.2	18.2	9.1	9.1	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

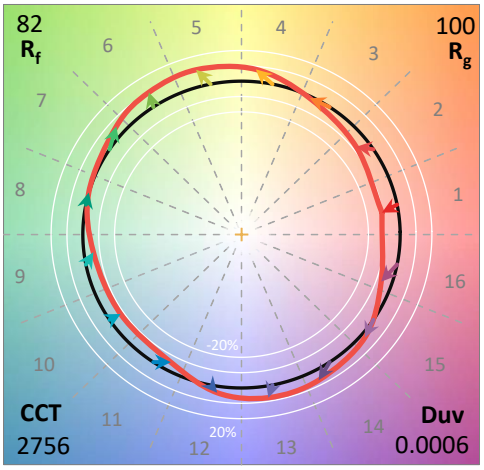
Test Information

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

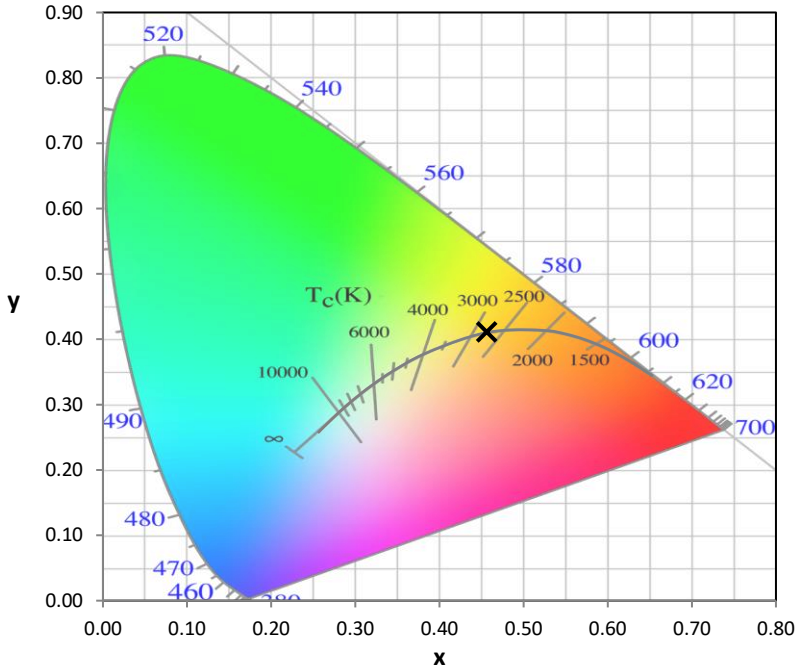
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

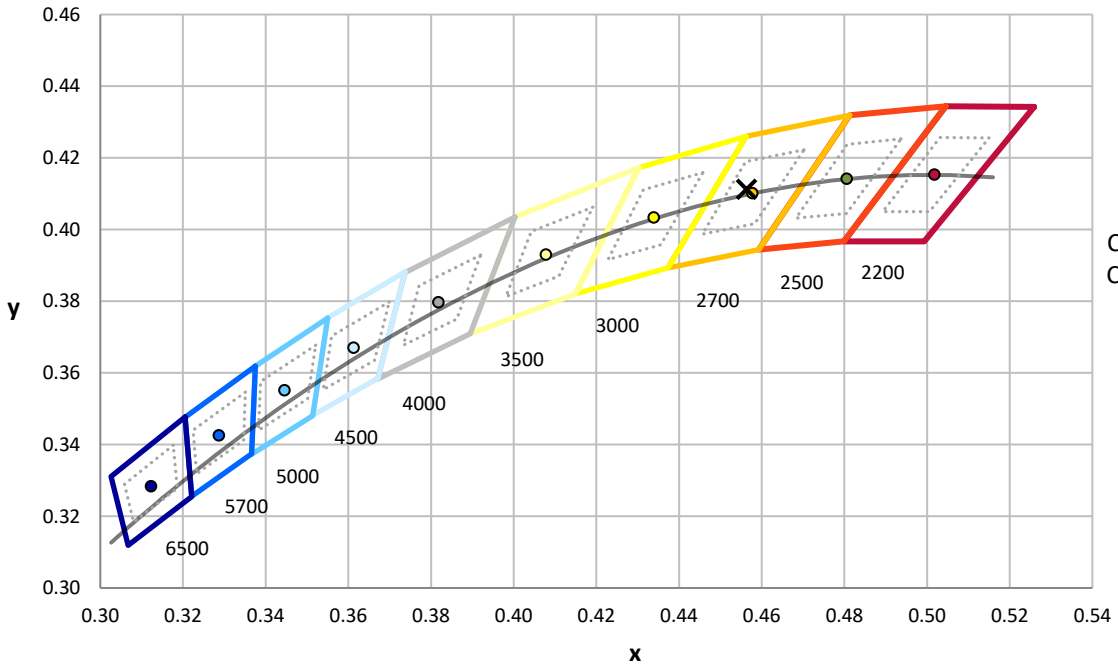
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-8

CIE 1931 Chromaticity Diagram



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

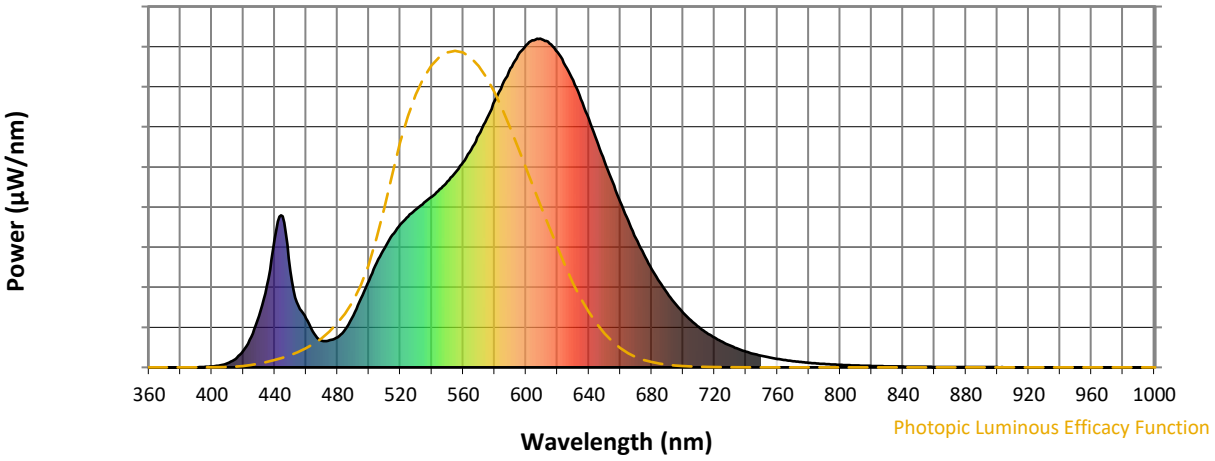


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

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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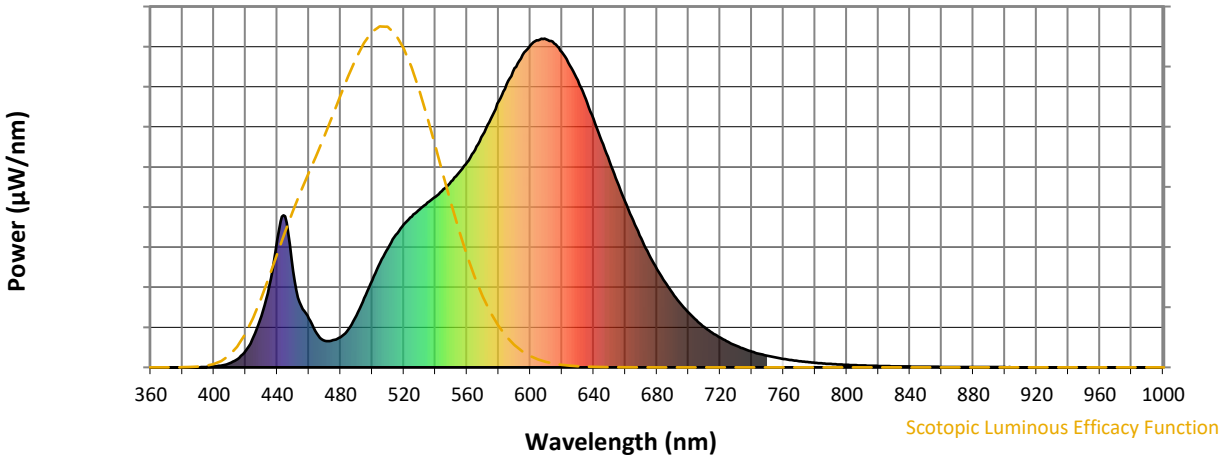
Scotopic Flux vs. Wavelength



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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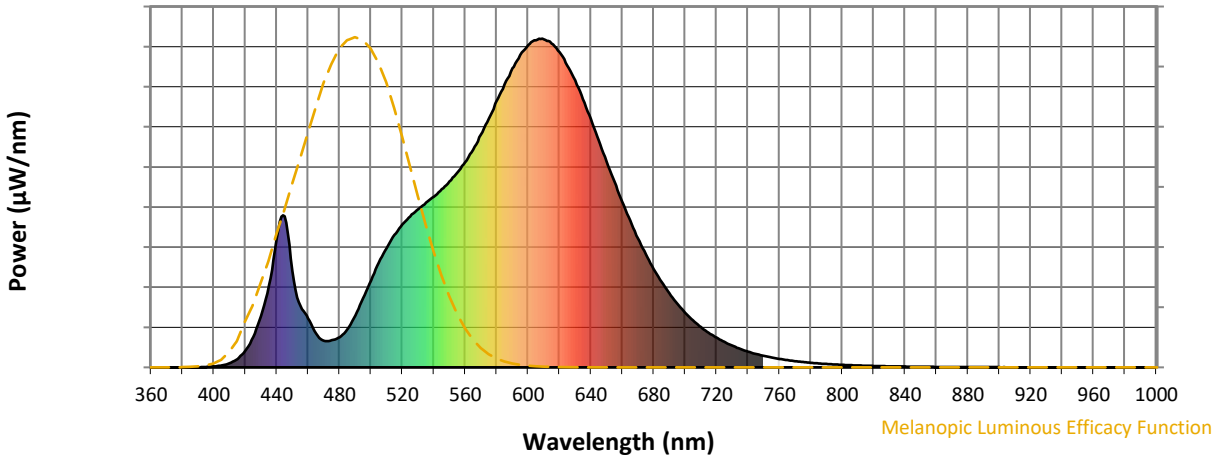
Melanopic Flux vs. Wavelength



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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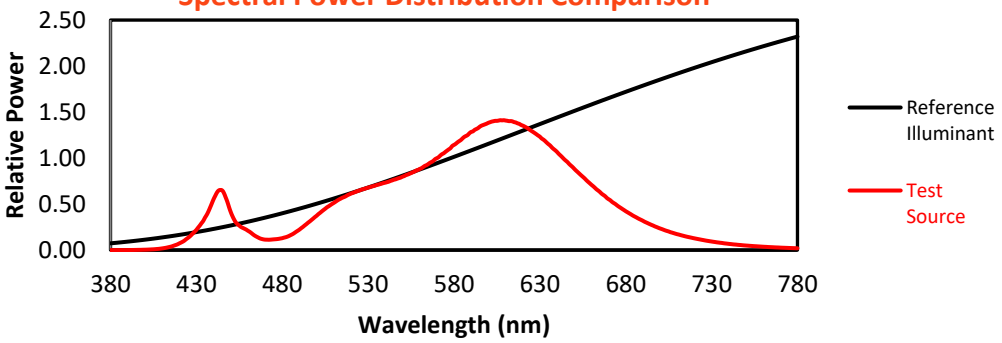
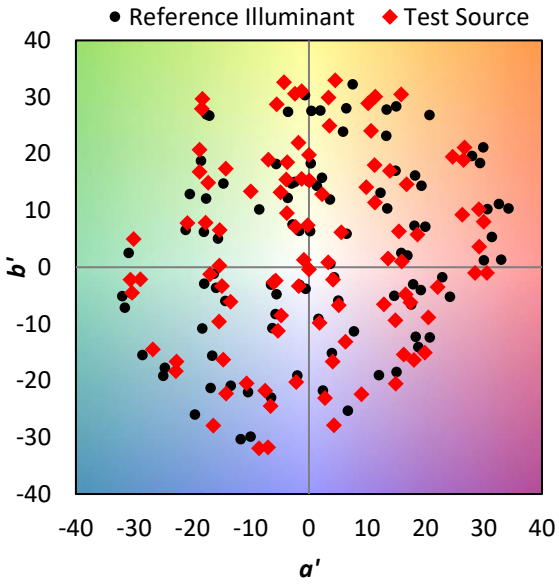
Summary

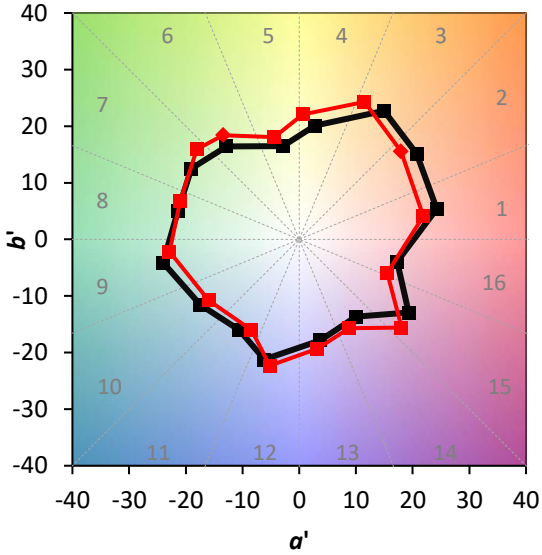
R_f = 82.2
R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

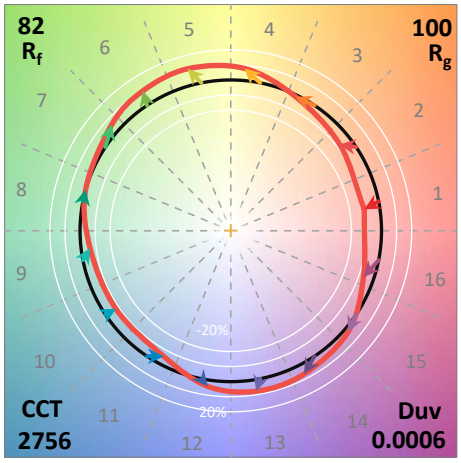
Spectral Power Distribution Comparison

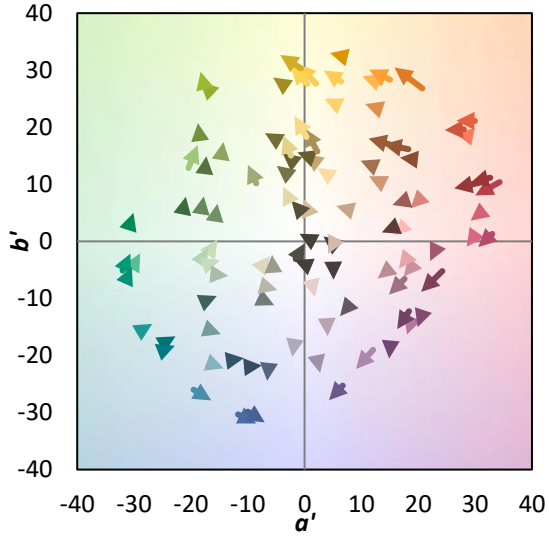


Color Vector Graphics









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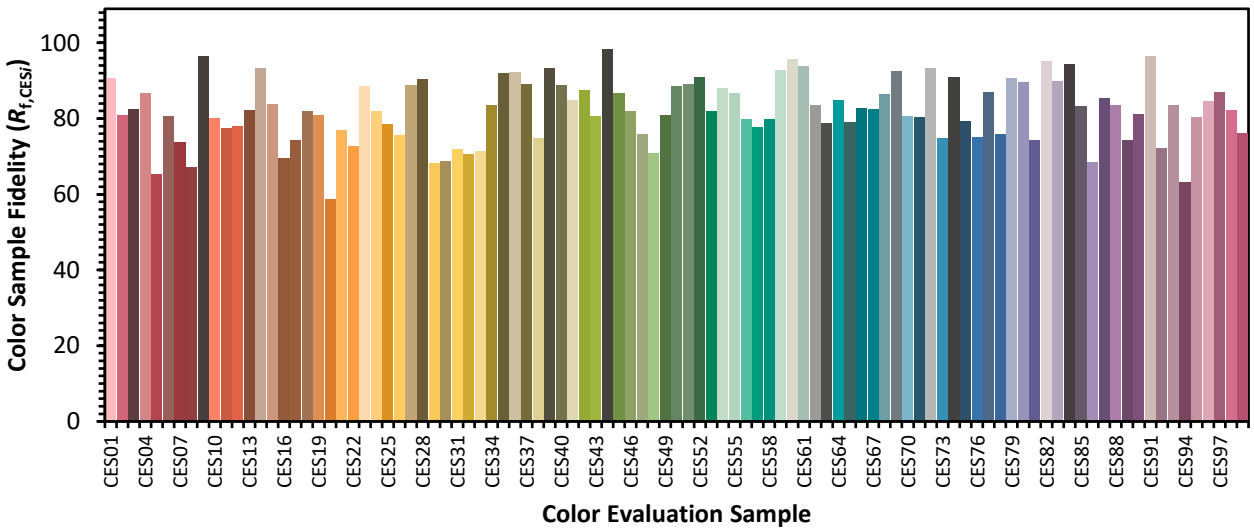
Individual Sample Fidelity Index ($R_{f,i}$)

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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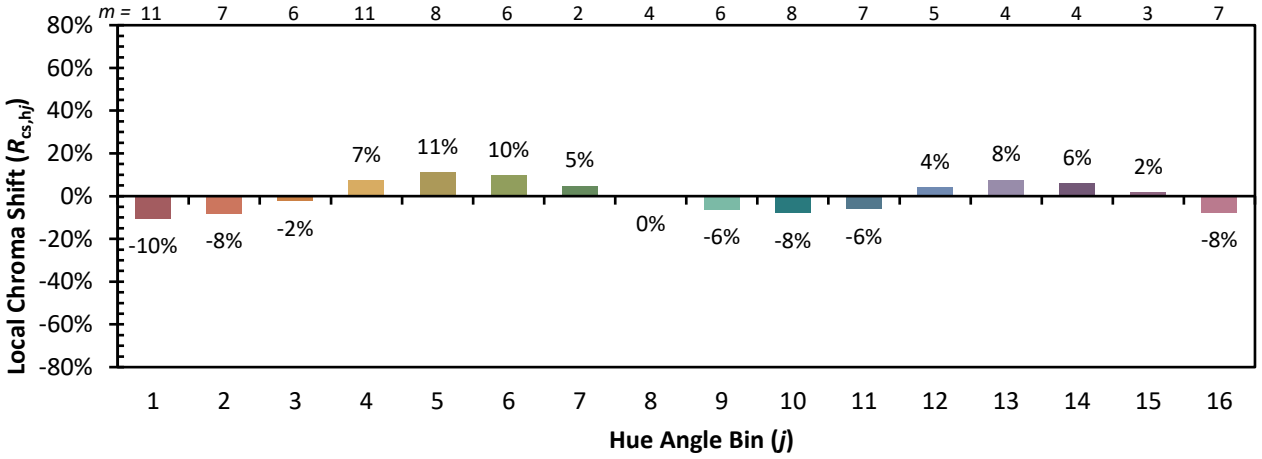
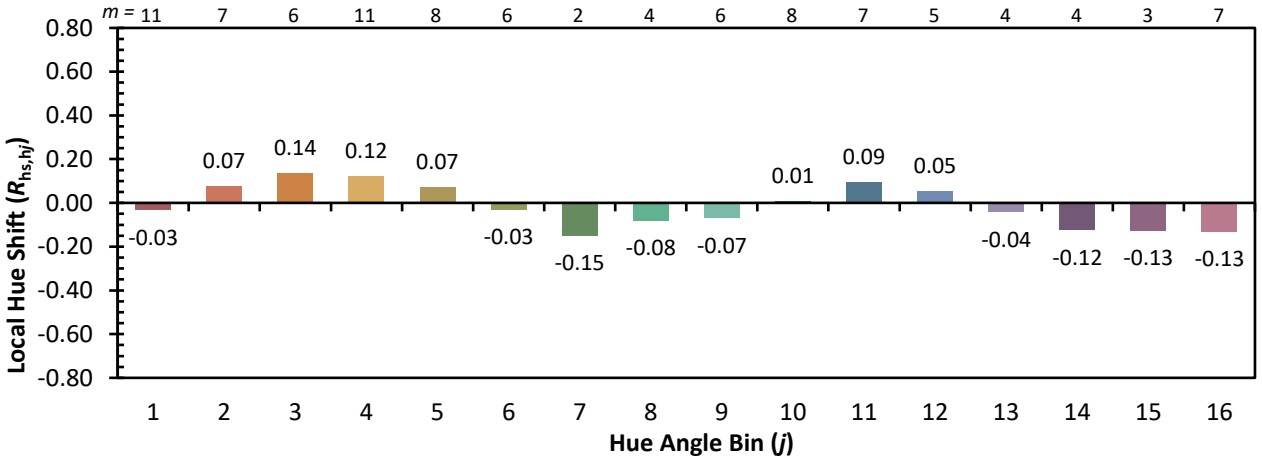
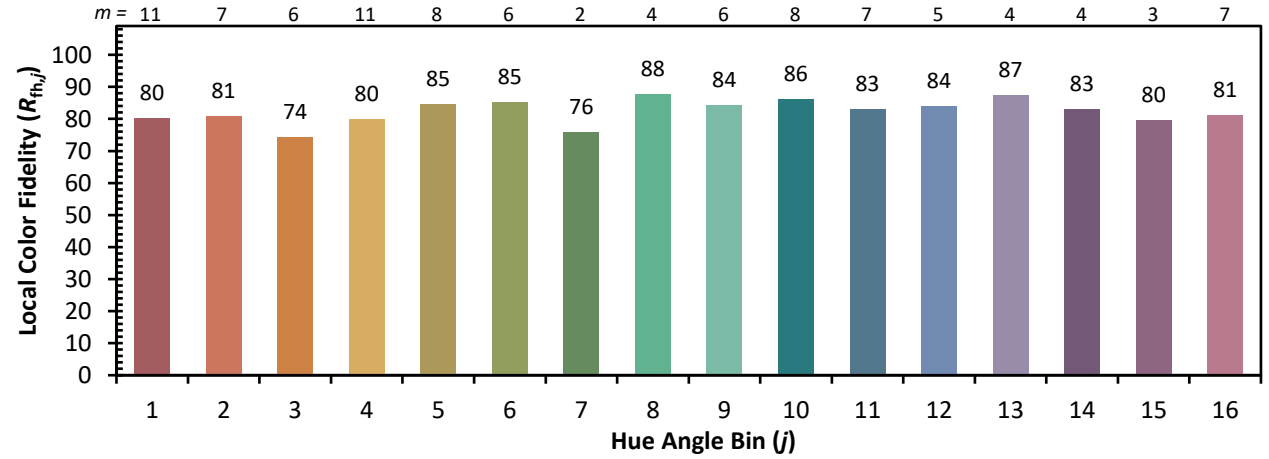
Color Rendition by Hue-Angle Bin







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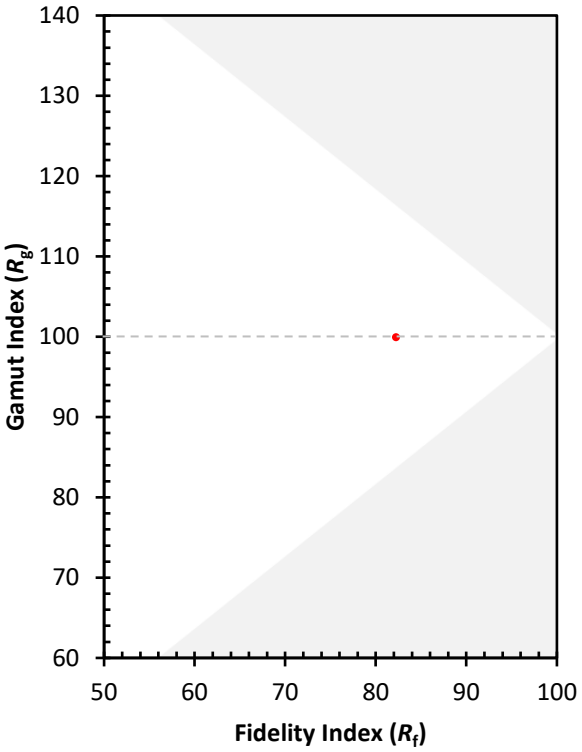
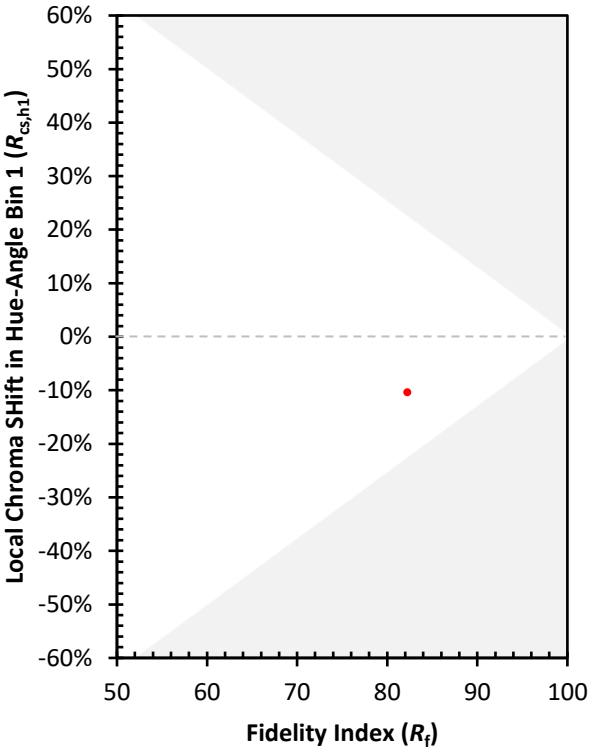
Measure Comparisons





(END OF REPORT)