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: P1047331

Luminaire Tested: **GALN-SA8C-830-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:	P1047331
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA8C-830-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 8xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(112) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	41550.5 lumens
Efficiency:	N/A
Efficacy:	111.4 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):	372.9
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: P1047331
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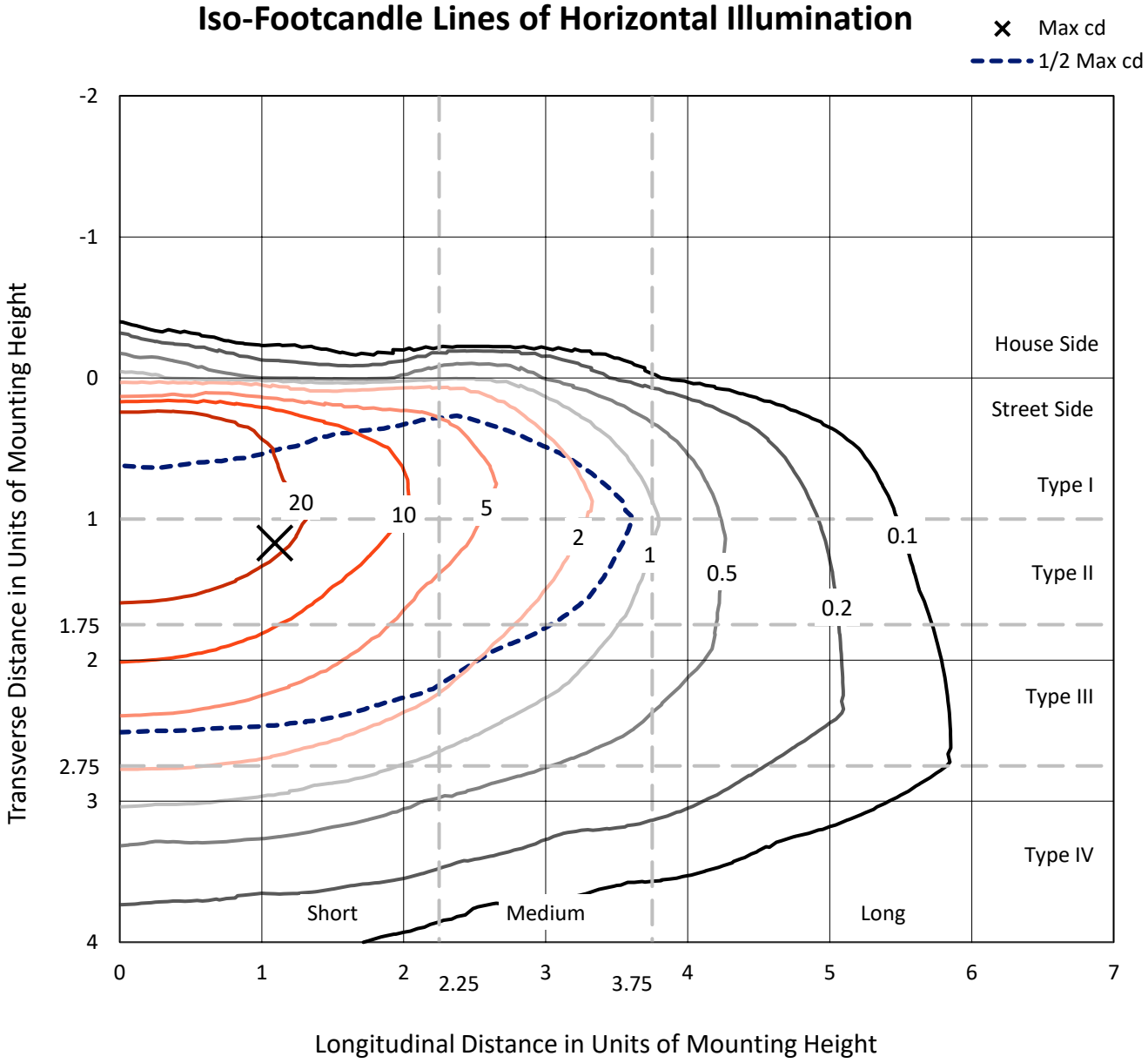
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 46.6 fc
Type III - Short - N/A

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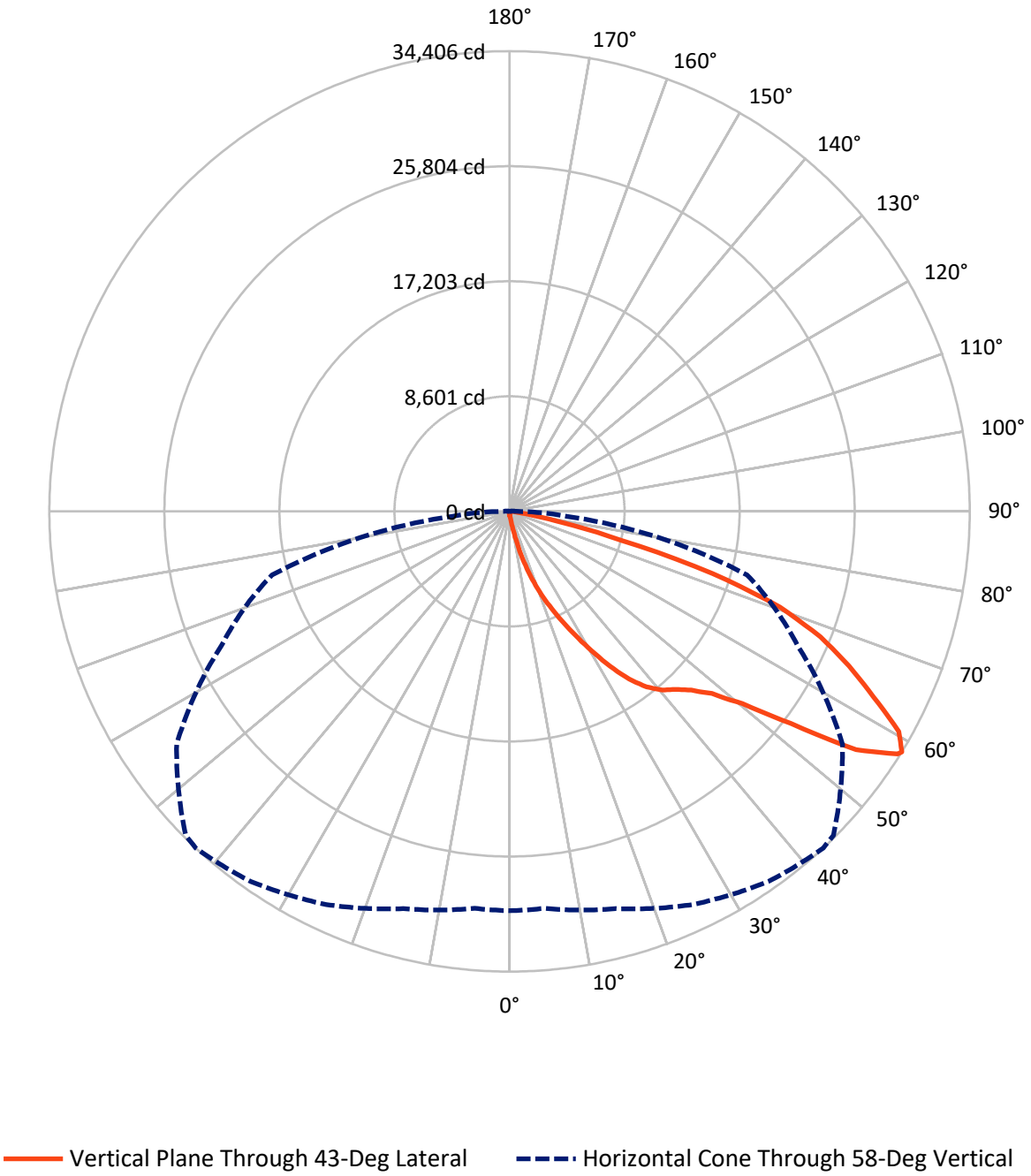
Luminous Intensity Polar Plot



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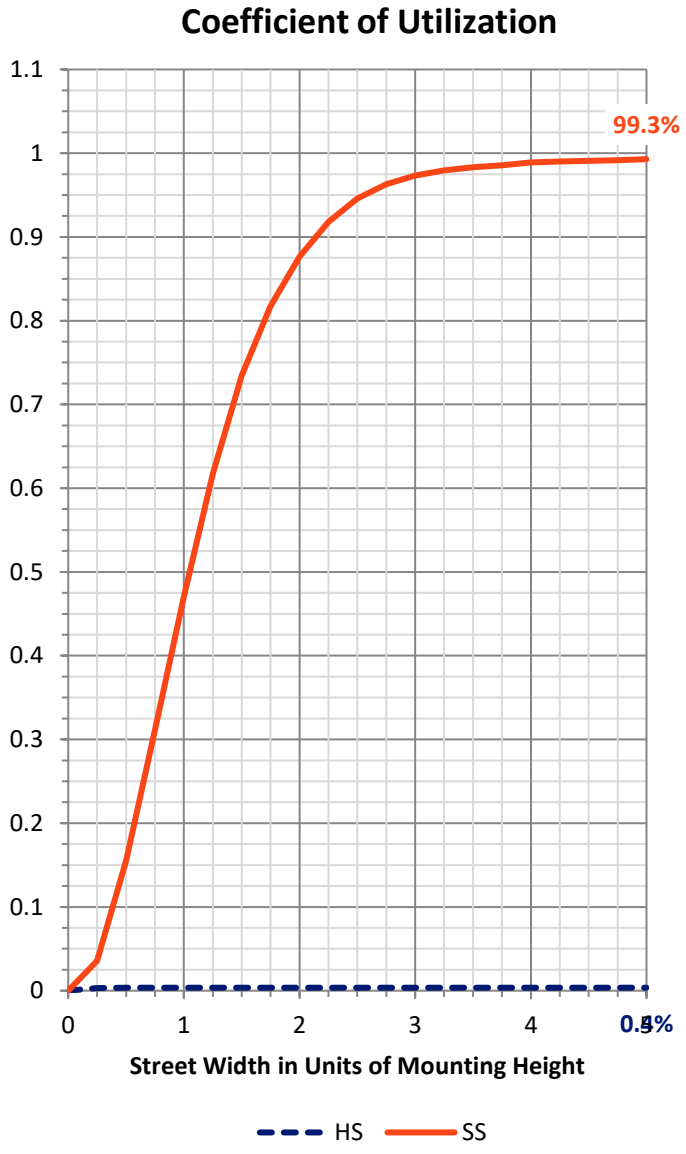
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	151.7	0.0	151.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	41398.8	0.0	41398.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	41550.5	0.0	41550.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.8	0.1
10°-20°	477.6	1.1
20°-30°	1721.5	4.1
30°-40°	3938.7	9.5
40°-50°	6643.1	16.0
50°-60°	10962.7	26.4
60°-70°	12252.3	29.5
70°-80°	5058.8	12.2
80°-90°	456.0	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°	41550.5	100.0
0°-180°	41550.5	100.0



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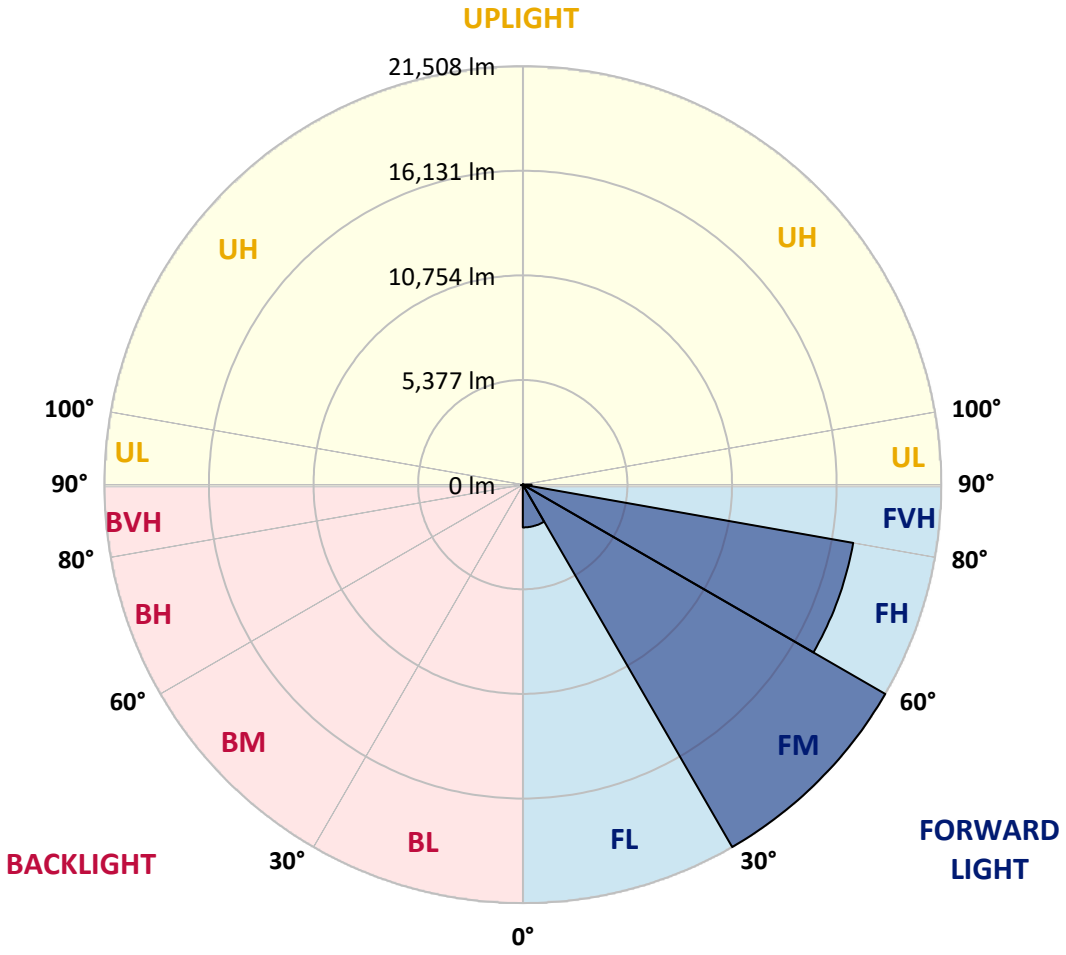
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2199.3	5.3			
FM	(30°-60°)	21508.1	51.8			
FH	(60°-80°)	17241.5	41.5			G5
FVH	(80°-90°)	449.8	1.1			G3/500
BL	(0°-30°)	39.6	0.1	B0/110		
BM	(30°-60°)	36.4	0.1	B0/220		
BH	(60°-80°)	69.5	0.2	B0/110		G0/110
BVH	(80°-90°)	6.3	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	271.7	271.7	271.7	271.7	271.7	*271.7*	271.7	271.7	271.7	271.7	271.7
2.5°	326.0	336.9	326.0	326.0	326.0	*315.1*	315.1	304.3	304.3	293.4	282.5
5°	478.2	478.2	445.6	423.8	402.1	*391.2*	380.4	358.6	336.9	315.1	293.4
7.5°	1065.0	1065.0	967.2	836.8	662.9	*565.1*	543.4	445.6	380.4	336.9	293.4
10°	2542.9	2542.9	2325.6	1967.0	1521.4	*1130.2*	1010.6	641.2	456.4	358.6	304.3
12.5°	4227.3	4281.7	4010.0	3553.6	2890.7	*2206.0*	1967.0	1173.7	608.6	391.2	304.3
15°	5737.9	5607.5	5531.4	5096.7	4466.4	*3651.4*	3347.1	1977.8	880.2	445.6	304.3
17.5°	6759.4	6759.4	6650.7	6357.3	5781.3	*5064.1*	4814.2	3194.9	1423.6	510.8	315.1
20°	7954.8	7954.8	7759.2	7552.7	7041.9	*6433.4*	6194.3	4542.5	2206.0	652.0	315.1
22.5°	9400.1	9421.8	9204.5	8835.0	8346.0	*7672.2*	7465.7	5792.2	3194.9	869.4	326.0
25°	11160.6	11182.3	10867.2	10519.4	9769.6	*9041.5*	8726.3	7226.7	4401.2	1217.1	326.0
27.5°	13105.8	13257.9	12790.7	12193.0	11399.7	*10486.8*	10247.7	8519.9	5596.6	1717.0	347.7
30°	15529.2	15529.2	14909.8	14073.0	13214.5	*12084.3*	11780.0	9878.3	6868.1	2379.9	369.5
32.5°	17615.7	17452.7	16659.4	15779.1	14866.3	*13812.2*	13486.2	11301.9	8172.1	3205.8	413.0
35°	19213.2	19071.9	18093.8	17148.4	16355.1	*15387.9*	14996.7	12845.0	9552.2	4140.4	478.2
37.5°	20582.4	20528.1	19202.3	18017.8	17496.1	*16648.5*	16300.8	14301.2	10910.6	5151.0	554.2
40°	22082.1	21908.2	20495.5	19028.4	18246.0	*17561.3*	17246.2	15474.9	12214.7	6335.6	662.9
42.5°	23364.4	23157.9	21886.5	20452.0	19115.4	*18191.6*	17887.4	16463.8	13486.2	7520.1	804.2
45°	24788.0	24679.3	23397.0	22310.3	20528.1	*19050.1*	18648.1	17257.1	14648.9	8932.8	988.9
47.5°	26928.8	26733.2	25537.8	24646.7	22582.0	*20354.2*	19778.2	18072.1	15768.3	10323.8	1271.5
50°	29417.4	29287.0	28580.7	27874.3	25820.4	*22582.0*	21897.3	19245.8	17018.0	11975.6	1640.9
52.5°	31449.6	31427.9	31514.8	31525.7	29971.7	*26331.2*	25309.6	21136.6	18452.5	13605.7	2162.6
55°	31406.1	31503.9	32460.2	33557.8	33677.4	*31449.6*	30460.7	24320.7	20321.6	15616.1	2890.7
57.5°	30232.5	30156.4	31167.0	32818.9	33981.6	*34220.7*	34057.7	29265.3	23136.2	18039.5	4010.0
58°	*29852.1*	*29786.9*	*30743.2*	*32427.6*	*33764.3*	*34405.5*	*34242.5*	*30384.6*	*23766.5*	*18387.3*	*4314.3*
60°	28472.0	28482.9	29047.9	30580.2	31916.9	*33438.3*	33590.4	33579.6	26907.1	20712.8	5846.5
62.5°	26646.3	26559.4	27081.0	28330.7	29504.4	*30525.9*	30786.7	33796.9	31503.9	23668.7	8769.8
65°	24125.1	23994.7	24548.9	25961.7	27222.3	*27885.2*	27896.0	30884.5	33666.5	26841.9	12942.8
67.5°	19441.4	19332.7	20441.1	22256.0	24201.2	*25070.6*	25461.8	26798.4	31840.8	28993.6	15333.6
70°	11910.4	12138.6	13681.8	16529.0	19854.3	*21451.8*	22038.6	22451.6	27113.6	28667.6	12823.3
72.5°	5498.8	5227.1	6542.0	8530.7	12323.4	*15876.9*	16485.5	18104.7	21495.3	24885.8	9563.1
75°	2564.7	2466.8	2771.1	3727.4	5585.7	*8574.2*	9682.6	14453.3	16485.5	17311.4	6900.7
77.5°	1314.9	1325.8	1575.7	1695.3	2303.8	*3966.5*	4553.3	9508.8	12084.3	9660.9	4629.4
80°	576.0	597.7	608.6	662.9	934.6	*1532.3*	1727.9	4412.1	8259.0	4922.8	2532.1
82.5°	369.5	380.4	380.4	380.4	445.6	*608.6*	695.5	1771.3	4118.7	2445.1	782.4
85°	195.6	195.6	217.3	271.7	315.1	*369.5*	391.2	565.1	1358.4	728.1	184.7
87.5°	108.7	119.5	130.4	163.0	206.5	*249.9*	271.7	391.2	521.6	499.9	43.5
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: GALN-SA8C-830-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	271.7	271.7	271.7	271.7	271.7	271.7	271.7	271.7	271.7	271.7	271.7
2.5°	282.5	271.7	260.8	249.9	239.1	228.2	228.2	228.2	228.2	228.2	228.2
5°	271.7	260.8	249.9	228.2	206.5	195.6	184.7	173.9	173.9	173.9	173.9
7.5°	271.7	260.8	228.2	206.5	184.7	163.0	141.3	141.3	141.3	141.3	141.3
10°	271.7	249.9	217.3	184.7	152.1	130.4	119.5	108.7	108.7	108.7	108.7
12.5°	271.7	239.1	206.5	163.0	130.4	108.7	97.8	86.9	86.9	86.9	86.9
15°	271.7	239.1	195.6	152.1	119.5	86.9	76.1	65.2	65.2	65.2	65.2
17.5°	260.8	228.2	184.7	130.4	97.8	65.2	54.3	43.5	43.5	54.3	54.3
20°	249.9	217.3	163.0	108.7	76.1	54.3	32.6	32.6	32.6	32.6	32.6
22.5°	249.9	217.3	152.1	97.8	65.2	32.6	21.7	21.7	21.7	21.7	32.6
25°	249.9	206.5	130.4	76.1	43.5	21.7	10.9	10.9	10.9	10.9	10.9
27.5°	249.9	206.5	119.5	65.2	32.6	21.7	10.9	0.0	0.0	0.0	0.0
30°	239.1	195.6	108.7	54.3	21.7	10.9	0.0	0.0	0.0	0.0	0.0
32.5°	239.1	184.7	86.9	43.5	21.7	10.9	0.0	0.0	0.0	0.0	0.0
35°	249.9	173.9	76.1	32.6	10.9	0.0	0.0	0.0	0.0	0.0	10.9
37.5°	260.8	163.0	65.2	21.7	10.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	271.7	152.1	65.2	21.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	293.4	152.1	54.3	21.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	315.1	152.1	43.5	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	358.6	163.0	43.5	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	391.2	173.9	32.6	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	434.7	163.0	32.6	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	489.0	163.0	32.6	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	532.5	152.1	32.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*554.2*	*141.3*	*21.7*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	662.9	130.4	21.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1032.4	108.7	21.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2097.4	97.8	21.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3912.2	86.9	21.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	4379.5	97.8	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2760.3	76.1	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1456.2	76.1	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	728.1	76.1	10.9	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	336.9	54.3	10.9	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	141.3	32.6	21.7	10.9	10.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	65.2	32.6	21.7	21.7	10.9	10.9	0.0	0.0	0.0	0.0	0.0
87.5°	32.6	32.6	32.6	21.7	21.7	10.9	10.9	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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

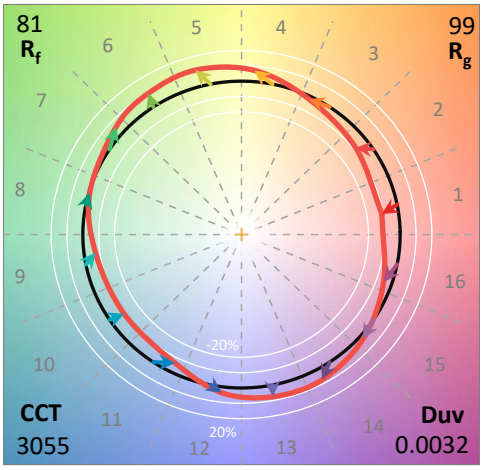
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-9
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-830-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3055
CIE u':	0.2475
CIE v':	0.5247
Duv:	0.0032
CIE x:	0.4377
CIE y:	0.4124
CIE z:	0.1499
Peak Wavelength (nm):	604
Dominant Wavelength (nm):	581
Purity:	55.16339
Rf:	81.5
Rg:	99.2

CRI (Ra):	80.9
R1:	79.5
R2:	85.6
R3:	92.1
R4:	82.4
R5:	78.9
R6:	81.7
R7:	85.1
R8:	61.9
R9:	6.8
R10:	67.1
R11:	82.5
R12:	63.4
R13:	80.2
R14:	95.1
R15:	71.7



Test Conditions

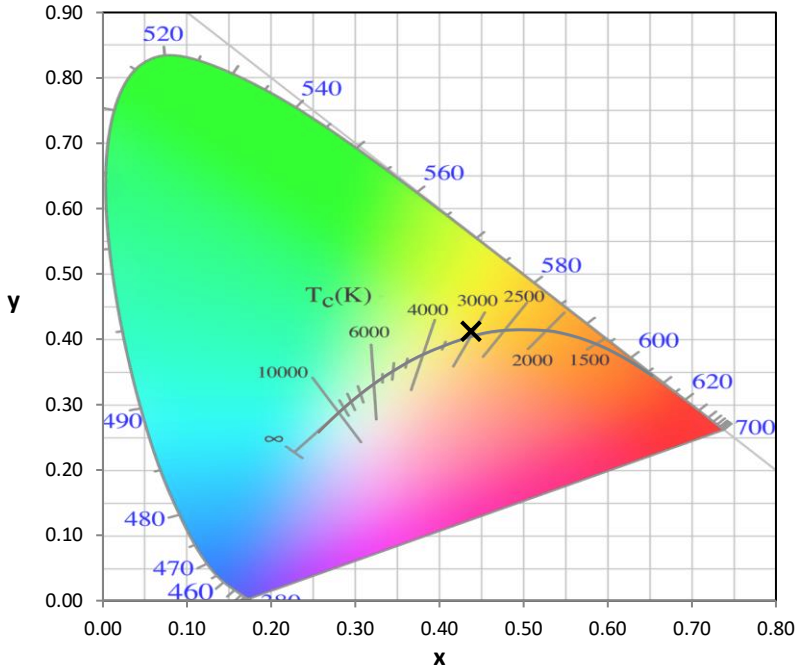
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

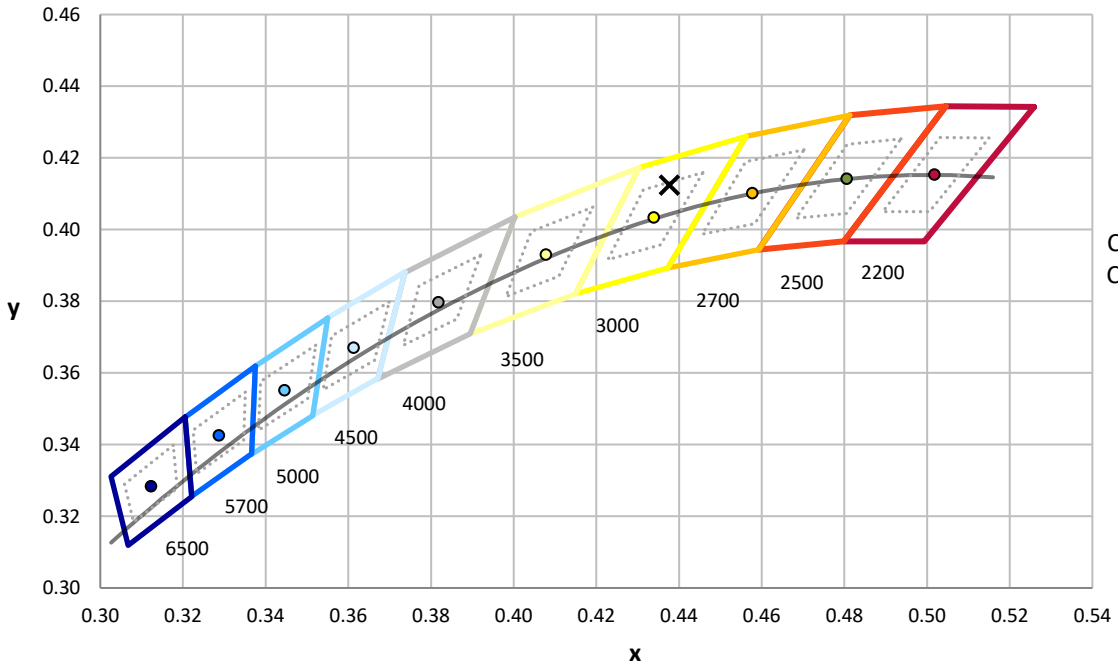
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



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

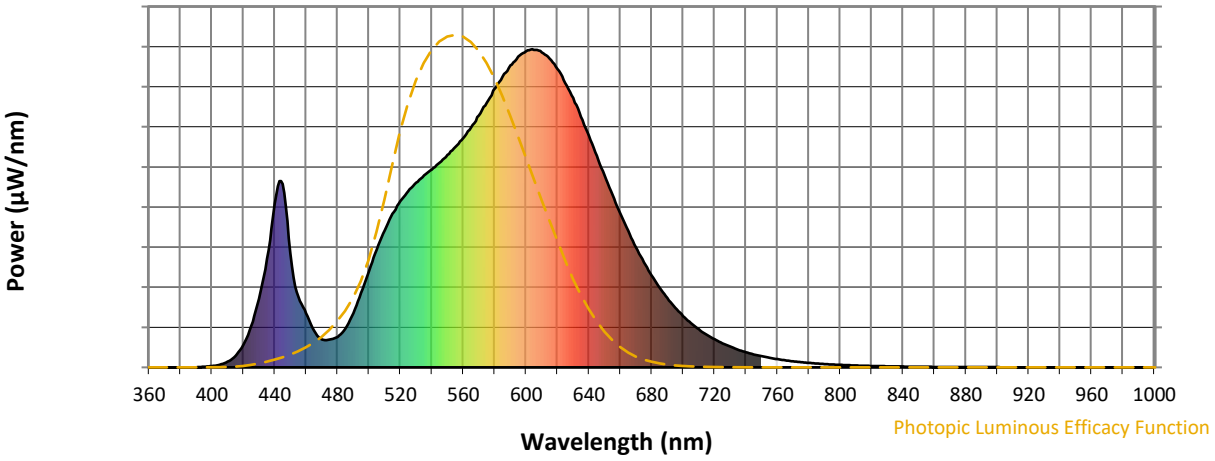


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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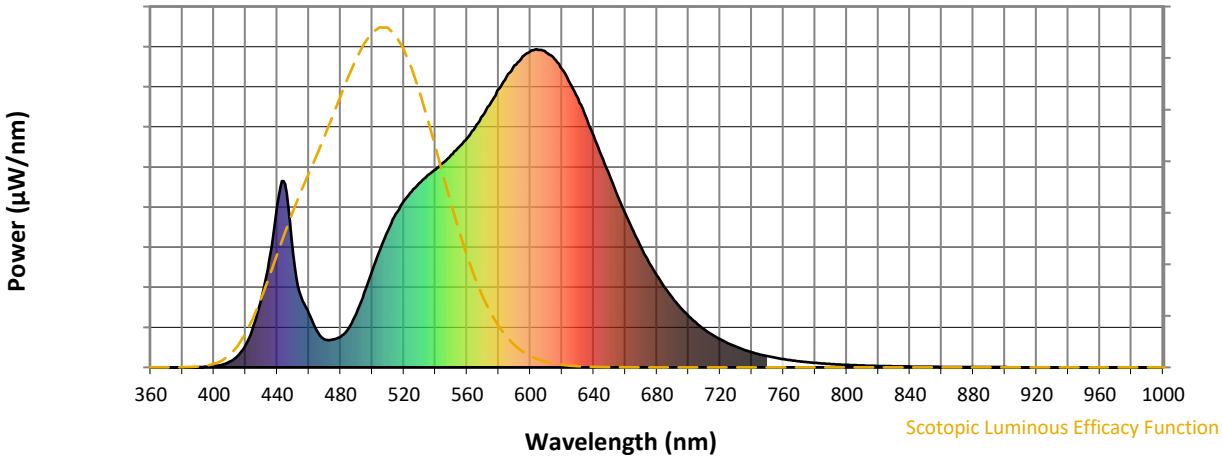
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.28**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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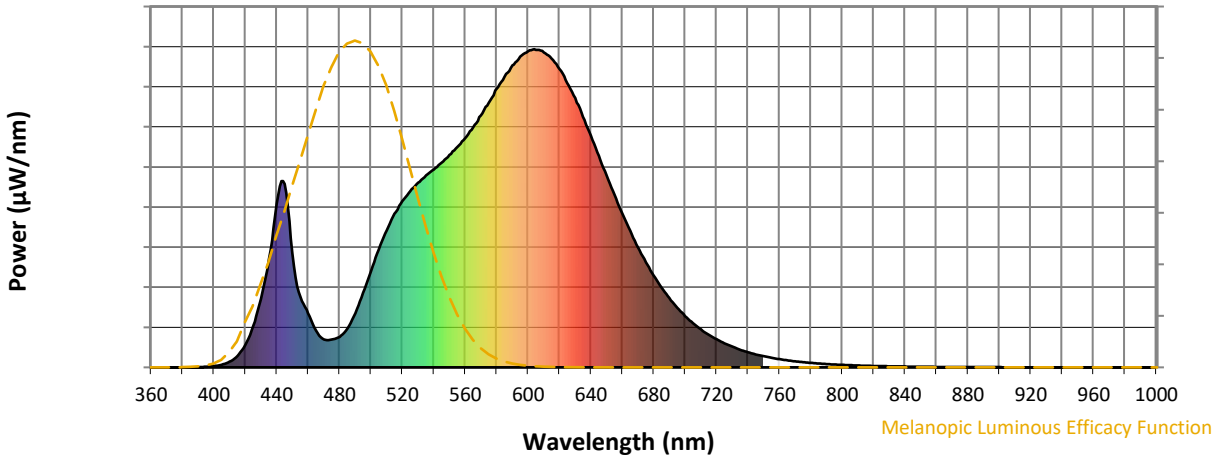
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.33**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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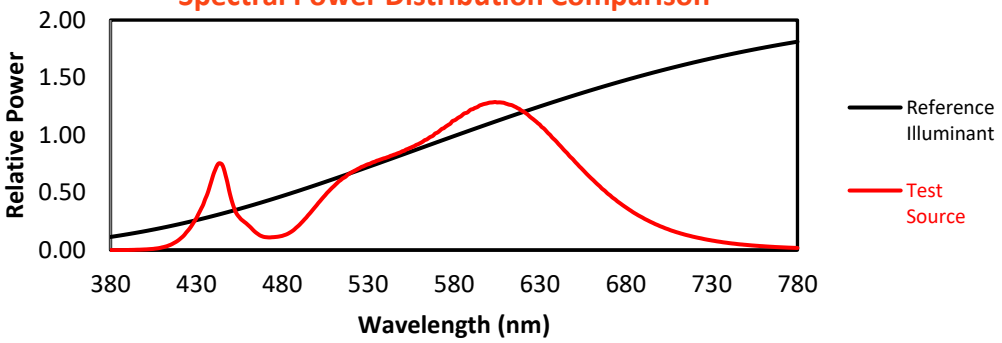
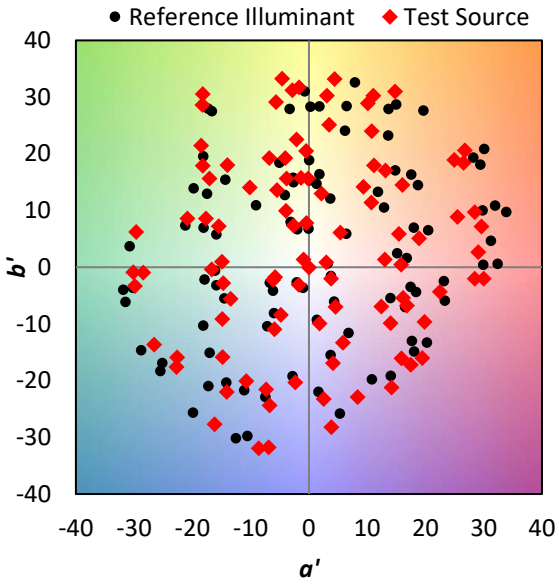
Summary

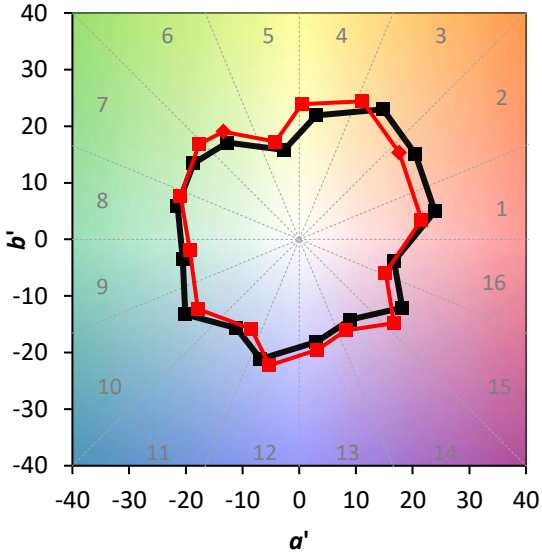
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

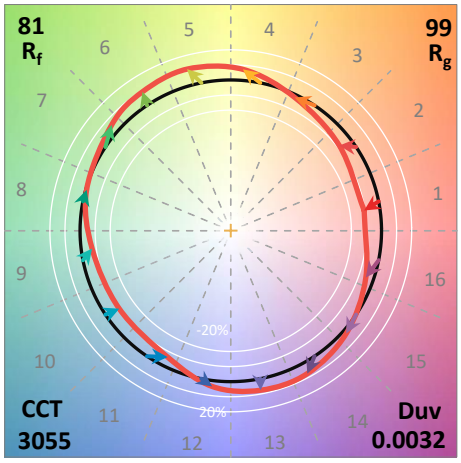
Spectral Power Distribution Comparison

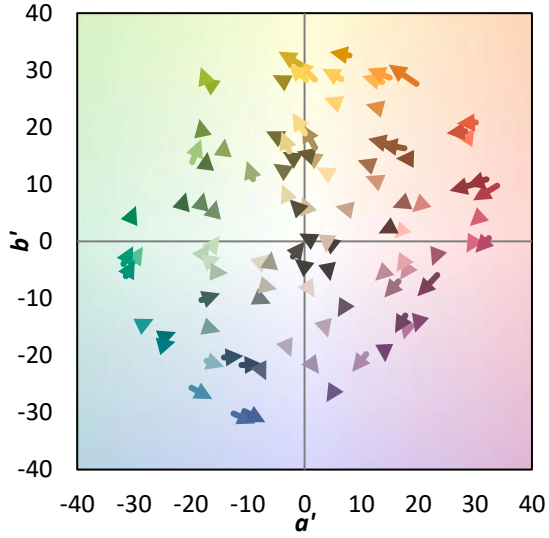


Color Vector Graphics









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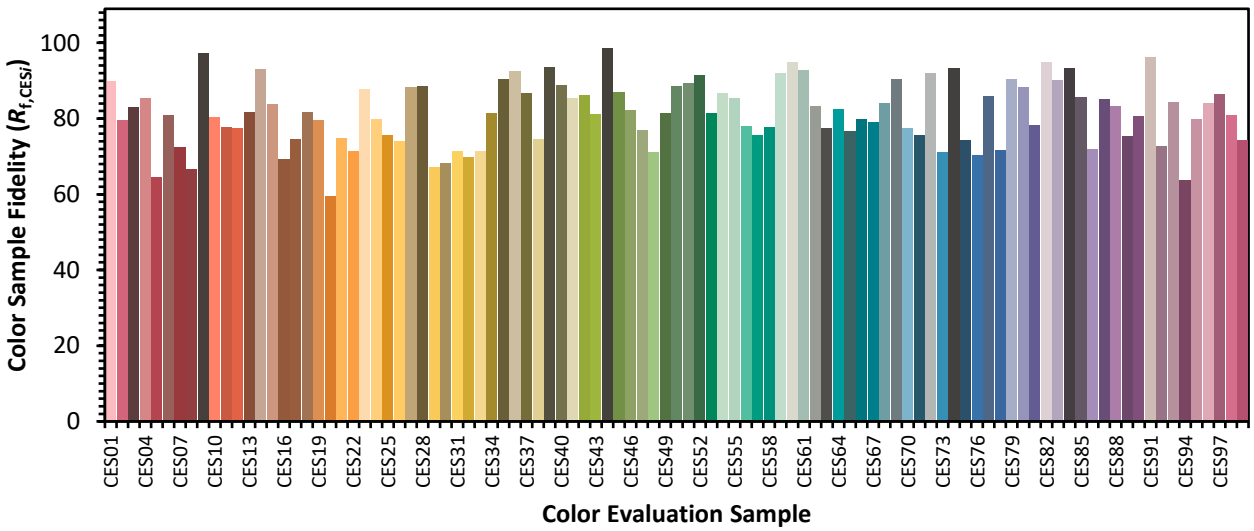
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



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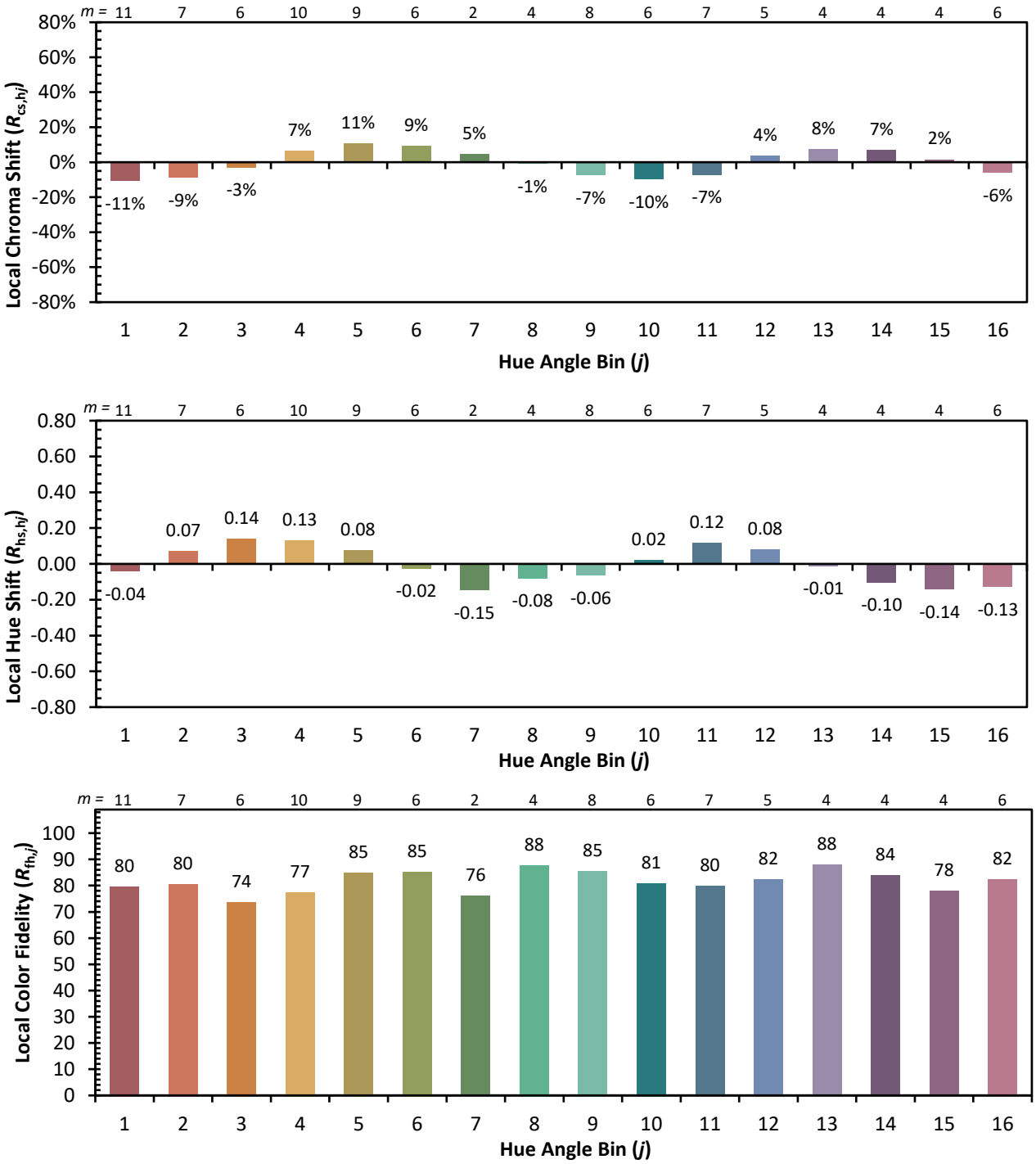
Color Rendition by Hue-Angle Bin



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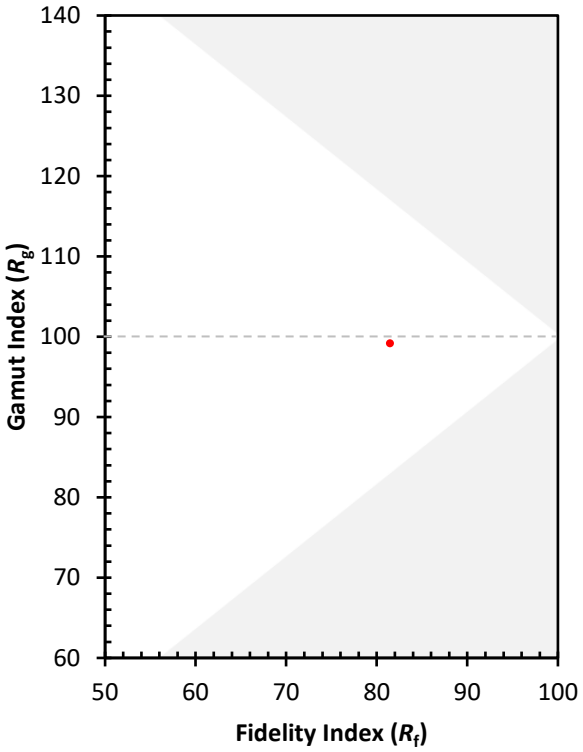
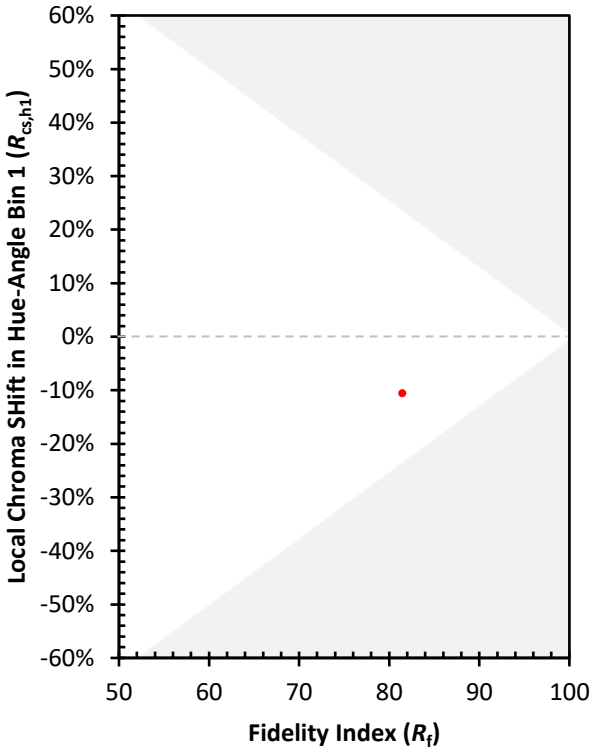
Measure Comparisons





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