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: STREETWORKS

Report Number: P1458362

Luminaire Tested: GLAN-SB4D-830-U-T3LG-HSS

Issue Date: 05/20/2026

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

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1458362
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4D-830-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 4xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	27998.6 lumens
Efficiency:	N/A
Efficacy:	95.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G4

Input Watts (W):	293.6
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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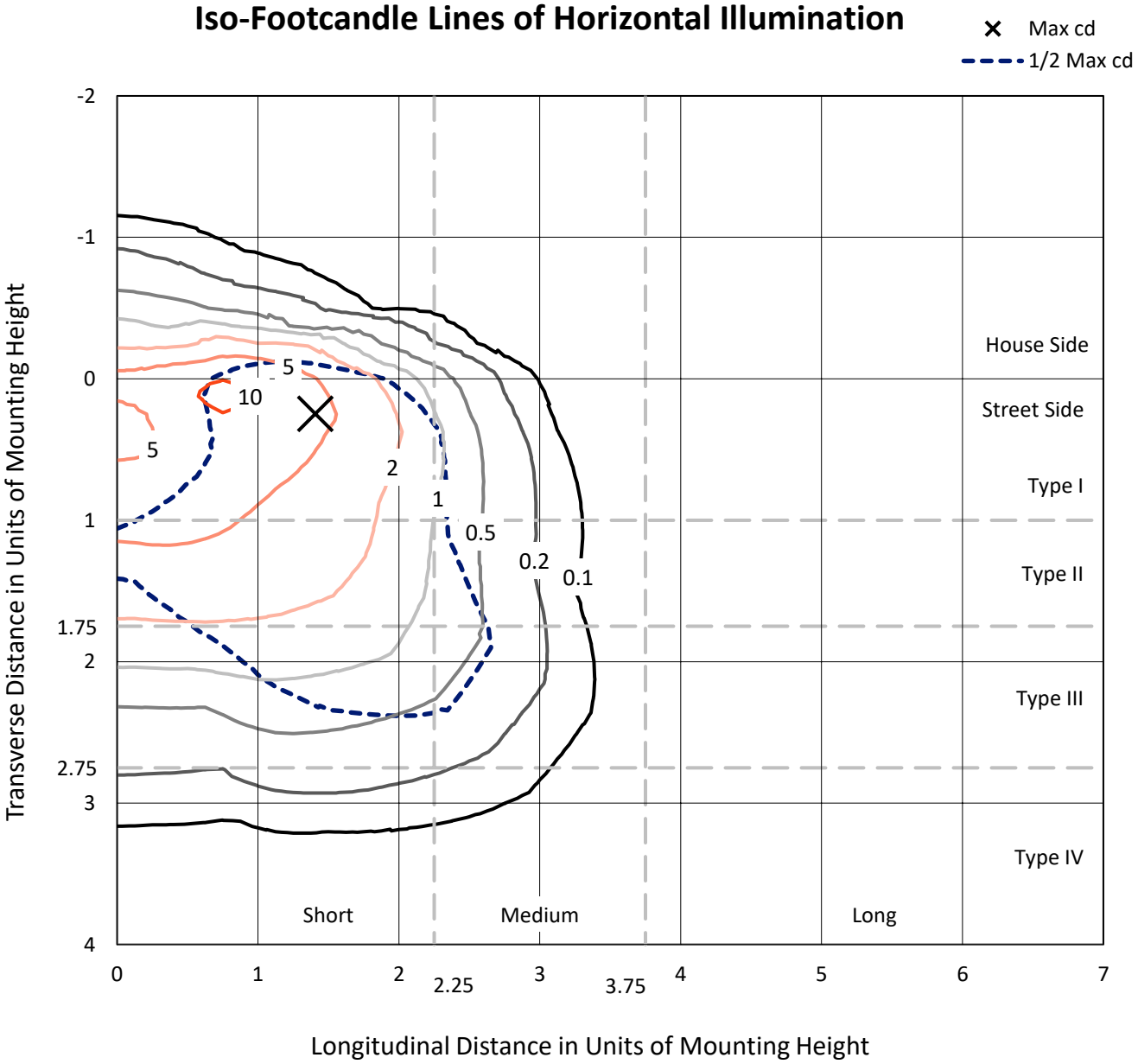
REPORT NUMBER: P1458362
CATALOG NUMBER: GLAN-SB4D-830-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 11.1 fc
Type III - Short - N/A

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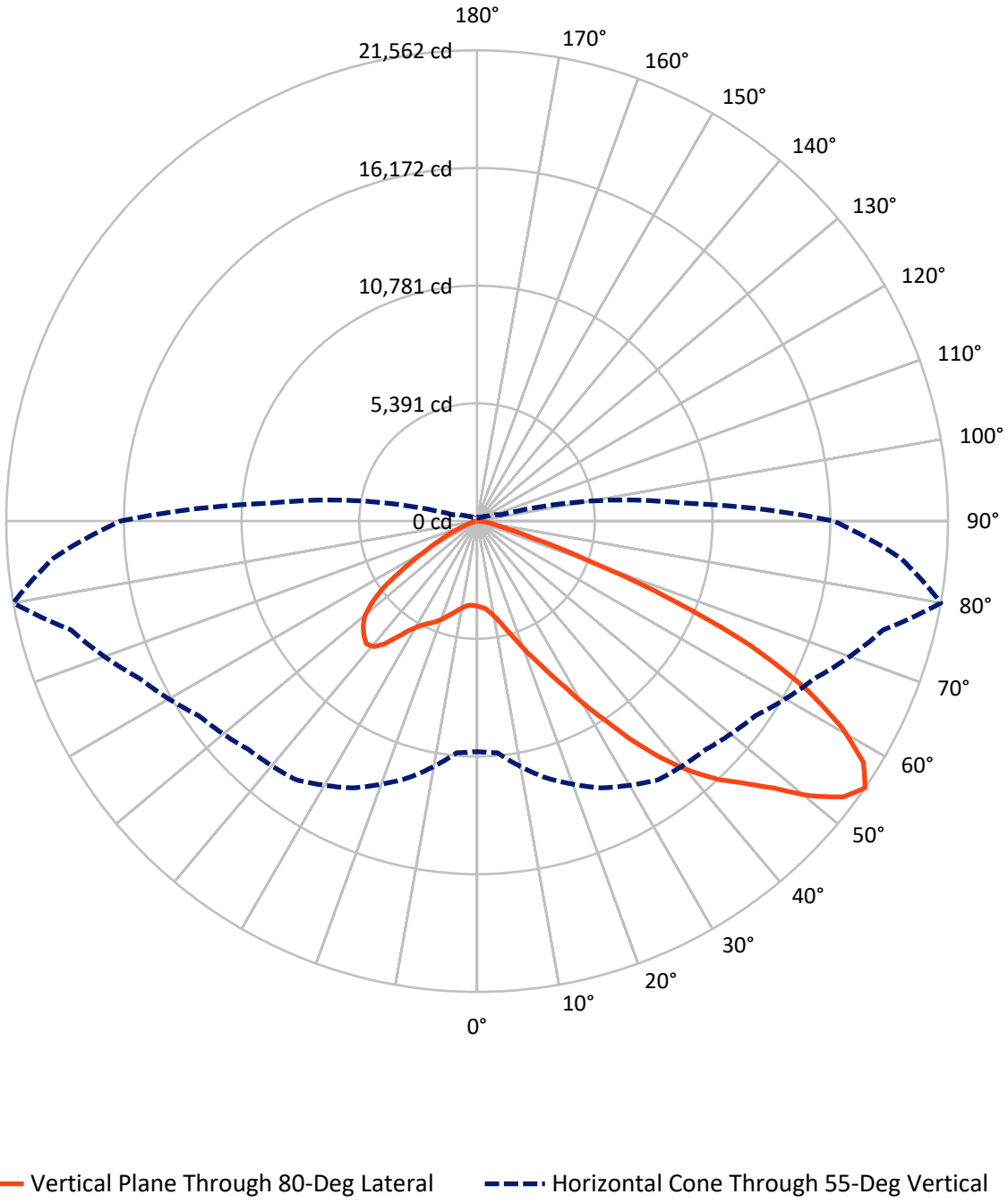
Luminous Intensity Polar Plot



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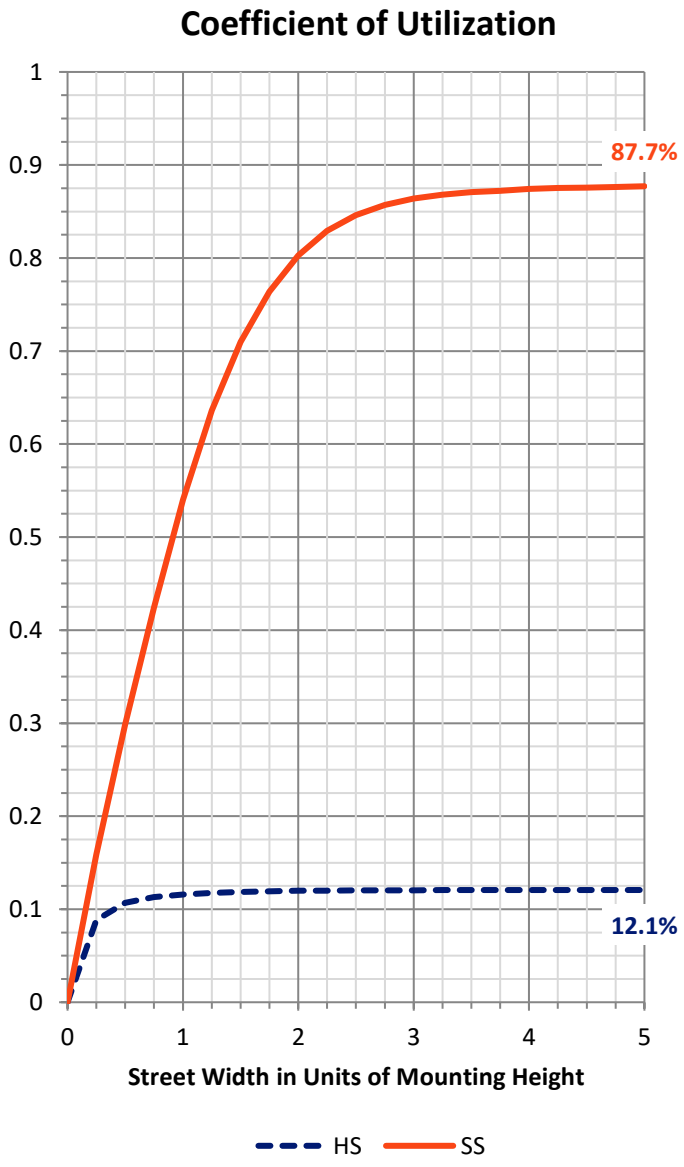
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3403.5	0.0	3403.5
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	24595.0	0.0	24595.0
	% Fixture	87.8	0.0	87.8
Total	Lumens	27998.6	0.0	27998.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	327.3	1.2
10°-20°	862.9	3.1
20°-30°	1689.3	6.0
30°-40°	3436.7	12.3
40°-50°	5793.8	20.7
50°-60°	7402.8	26.4
60°-70°	6320.2	22.6
70°-80°	2019.7	7.2
80°-90°	145.8	0.5
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°	27998.6	100.0
0°-180°	27998.6	100.0



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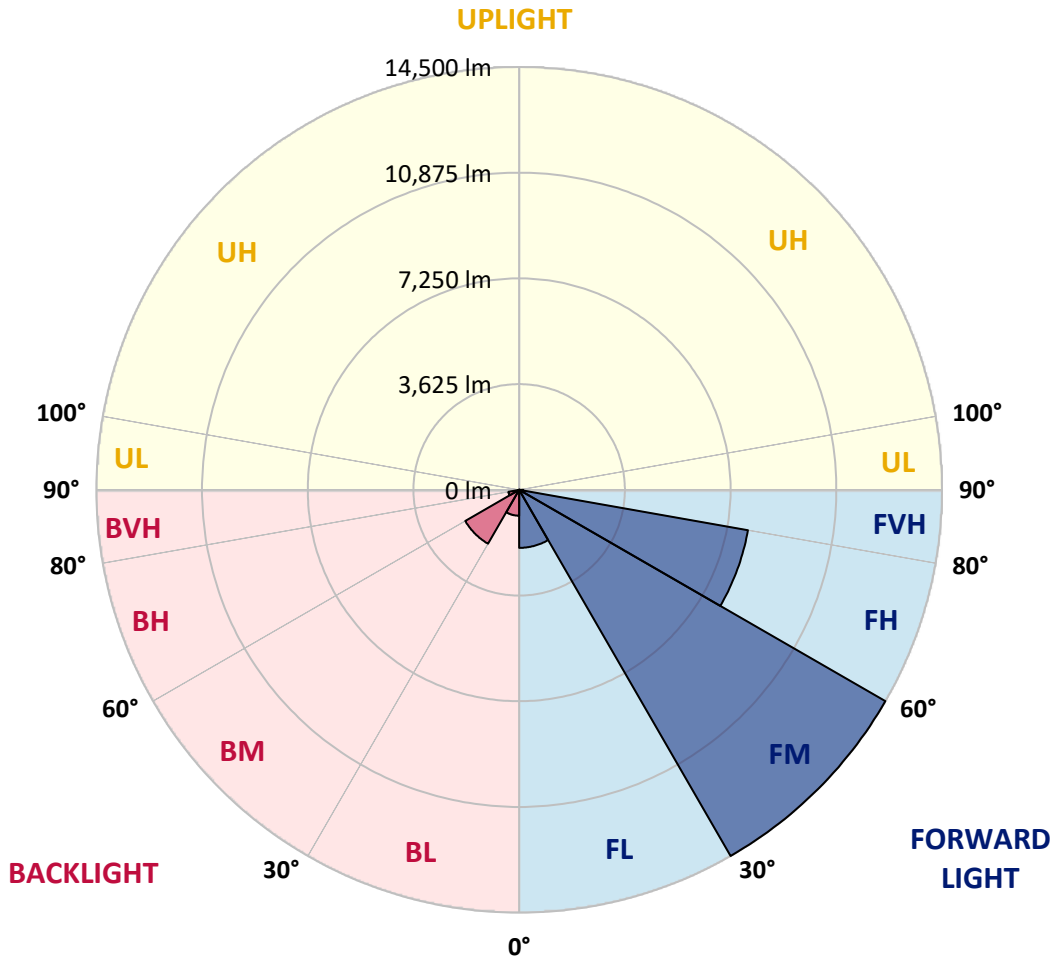
CATALOG NUMBER: GLAN-SB4D-830-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1990.7	7.1			
FM	(30°-60°)	14500.2	51.8			
FH	(60°-80°)	7965.8	28.5			G4/12000
FVH	(80°-90°)	138.2	0.5			G2/225
BL	(0°-30°)	888.8	3.2	B2/1000		
BM	(30°-60°)	2133.1	7.6	B2/2500		
BH	(60°-80°)	374.1	1.3	B1/500		G1/500
BVH	(80°-90°)	7.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G4
Type III Short



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REPORT NUMBER: P1458362
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	3900.2	3900.2	3900.2	3900.2	3900.2	3900.2	3900.2	3900.2	3900.2	*3900.2*	3900.2
2.5°	3924.0	3932.0	3924.0	3932.0	3947.9	3940.0	3971.8	3963.8	3963.8	*3955.9*	3924.0
5°	3701.2	3709.1	3725.0	3764.8	3820.6	3876.3	3947.9	3995.7	4043.4	*4035.5*	4003.6
7.5°	3263.4	3279.3	3343.0	3422.6	3605.7	3772.8	3955.9	4075.3	4178.7	*4210.6*	4186.7
10°	3016.7	3032.6	3072.4	3152.0	3319.1	3597.7	3955.9	4202.6	4385.7	*4449.4*	4457.3
12.5°	2992.8	3000.7	3032.6	3120.1	3263.4	3502.2	3947.9	4369.8	4680.2	*4775.7*	4807.5
15°	3008.7	3024.6	3056.4	3128.1	3295.2	3565.9	4011.6	4632.4	5070.2	*5205.5*	5213.5
17.5°	3072.4	3088.3	3128.1	3207.7	3390.7	3733.0	4210.6	4903.1	5539.8	*5691.0*	5778.6
20°	3199.7	3207.7	3255.4	3358.9	3565.9	3940.0	4505.1	5269.2	6104.9	*6327.8*	6391.5
22.5°	3366.9	3390.7	3454.4	3581.8	3844.4	4226.5	4911.0	5714.9	6725.8	*6956.6*	7068.0
25°	3549.9	3581.8	3677.3	3884.2	4218.5	4664.3	5412.5	6303.9	7458.1	*7736.6*	7887.9
27.5°	3924.0	3932.0	3995.7	4258.3	4688.1	5237.4	6049.2	7060.1	8317.7	*8644.0*	8811.2
30°	4743.9	4751.8	4696.1	4767.7	5205.5	5913.9	6797.4	7943.6	9320.6	*9774.3*	9909.6
32.5°	5746.8	5786.6	5778.6	5730.8	5929.8	6590.5	7688.9	9002.2	10498.6	*10976.2*	11103.5
35°	6885.0	6980.5	6956.6	6940.7	6964.6	7458.1	8707.7	10172.2	11835.8	*12416.8*	12520.3
37.5°	7999.3	8023.2	8134.6	8269.9	8285.8	8628.1	9885.7	11413.9	13077.5	*13817.7*	13976.9
40°	8858.9	8938.5	9217.1	9487.7	9766.3	10036.9	10856.8	12416.8	14064.4	*15059.4*	15131.0
42.5°	9527.5	9718.6	10124.5	10546.3	11111.5	11413.9	11780.1	13125.2	14868.3	*16165.7*	16133.9
45°	10339.4	10419.0	10992.1	11549.2	12122.3	12584.0	12576.0	13722.2	15497.1	*17112.9*	16913.9
47.5°	10888.6	10984.1	11764.1	12416.8	13005.8	13236.6	13284.4	14366.9	16364.7	*18259.1*	17789.5
50°	11183.1	11350.2	12201.9	13029.7	13666.5	13738.1	13953.0	15210.6	17502.9	*19779.4*	18895.9
52.5°	11214.9	11374.1	12353.1	13419.7	14112.2	14255.5	14621.6	16165.7	18609.3	*20997.2*	19532.6
55°	*10554.3*	*10649.8*	*12170.1*	*13483.4*	*14462.4*	*14796.7*	*15544.9*	*17049.3*	*19254.0*	*21562.3*	*19476.9*
57.5°	9933.5	10029.0	11350.2	13372.0	14820.6	15505.1	16531.9	17654.2	18752.6	*20861.9*	18235.2
60°	9400.2	9447.9	10649.8	12854.6	14955.9	16197.6	17383.5	17057.2	17455.2	*19182.4*	16110.0
62.5°	8397.3	8429.1	9853.9	11923.3	14685.3	16730.9	17678.1	15791.6	16030.4	*16866.2*	13610.7
65°	6343.7	6463.1	7768.5	11222.9	14239.5	16977.6	16993.5	14247.5	14000.8	*13801.8*	10705.5
67.5°	4306.1	4441.4	5229.4	10092.6	13515.2	17081.1	15664.3	12249.7	10665.7	*9639.0*	7012.3
70°	3438.5	3438.5	3709.1	8110.7	11796.0	15759.8	14016.7	9248.9	6773.5	*5324.9*	3756.9
72.5°	2260.5	2268.5	2523.2	5149.8	8365.4	12018.8	11429.8	5348.8	3518.1	*2714.2*	1854.6
75°	819.8	819.8	1106.4	2061.5	4425.5	7155.6	6964.6	2555.0	1910.3	*1480.5*	1122.3
77.5°	437.8	453.7	533.3	851.7	1695.4	2913.2	2722.1	1305.4	1082.5	*923.3*	700.4
80°	294.5	302.5	358.2	525.3	819.8	1122.3	875.5	732.3	732.3	*620.8*	469.6
82.5°	159.2	167.1	238.8	342.3	437.8	525.3	421.9	429.8	517.4	*421.9*	270.6
85°	111.4	111.4	183.1	246.7	246.7	254.7	183.1	270.6	302.5	*262.7*	183.1
87.5°	63.7	63.7	103.5	119.4	119.4	111.4	55.7	95.5	119.4	*135.3*	79.6
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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Scaled Data Report

REPORT NUMBER: P1458362
CATALOG NUMBER: GLAN-SB4D-830-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3900.2	3900.2	3900.2	3900.2	3900.2	3900.2	3900.2	3900.2	3900.2	3900.2	3900.2
2.5°	3916.1	3892.2	3844.4	3748.9	3701.2	3637.5	3581.8	3510.1	3494.2	3486.3	3454.4
5°	3979.8	3932.0	3788.7	3581.8	3406.7	3239.5	3072.4	2976.9	2897.3	2857.5	2849.5
7.5°	4138.9	4043.4	3780.8	3414.6	3088.3	2801.7	2555.0	2340.1	2228.7	2133.1	2141.1
10°	4377.7	4226.5	3796.7	3255.4	2769.9	2308.3	1950.1	1639.7	1416.8	1313.3	1305.4
12.5°	4696.1	4481.2	3852.4	3096.2	2379.9	1735.2	1281.5	1098.4	1050.7	1042.7	1034.7
15°	5086.1	4783.7	3908.1	2889.3	1854.6	1201.9	1042.7	1002.9	994.9	987.0	987.0
17.5°	5555.7	5133.9	3940.0	2539.1	1353.1	1034.7	979.0	955.1	947.2	939.2	939.2
20°	6144.7	5523.9	3979.8	2093.3	1146.2	994.9	931.3	899.4	891.5	891.5	883.5
22.5°	6725.8	5961.7	3947.9	1703.3	1106.4	947.2	875.5	843.7	827.8	827.8	819.8
25°	7394.4	6407.4	3852.4	1536.2	1098.4	907.4	819.8	772.1	748.2	740.2	740.2
27.5°	8158.5	6916.8	3701.2	1544.1	1098.4	875.5	748.2	684.5	668.6	652.7	652.7
30°	9034.0	7537.6	3589.7	1647.6	1114.3	843.7	684.5	604.9	581.0	565.1	573.1
32.5°	10036.9	8230.1	3581.8	1814.8	1138.2	796.0	612.9	525.3	501.4	493.5	501.4
35°	11175.1	9089.7	3764.8	1942.1	1074.5	692.5	525.3	453.7	429.8	429.8	437.8
37.5°	12440.7	10076.7	4011.6	1910.3	867.6	549.2	453.7	398.0	374.1	382.1	390.0
40°	13594.8	10848.8	4051.4	1631.7	652.7	469.6	390.0	350.2	334.3	342.3	350.2
42.5°	14470.4	11469.6	3669.3	1265.6	549.2	398.0	334.3	302.5	294.5	310.4	310.4
45°	15178.8	11716.4	3064.4	939.2	485.5	342.3	294.5	278.6	262.7	270.6	270.6
47.5°	15919.0	11756.2	2499.3	756.2	429.8	310.4	270.6	254.7	238.8	238.8	238.8
50°	16635.4	11660.7	1910.3	668.6	398.0	278.6	246.7	230.8	214.9	206.9	206.9
52.5°	16810.5	10896.6	1400.9	620.8	366.1	262.7	230.8	214.9	199.0	191.0	191.0
55°	*16324.9*	*9447.9*	*1098.4*	*557.2*	*334.3*	*238.8*	*214.9*	*199.0*	*175.1*	*167.1*	*167.1*
57.5°	14725.1	7203.3	875.5	477.6	302.5	230.8	199.0	183.1	159.2	151.2	151.2
60°	12647.6	5110.0	708.4	390.0	278.6	206.9	183.1	159.2	143.3	127.4	127.4
62.5°	10347.4	3669.3	573.1	326.3	262.7	183.1	167.1	143.3	111.4	87.6	87.6
65°	7935.6	2634.6	445.7	262.7	238.8	159.2	143.3	119.4	87.6	63.7	63.7
67.5°	5133.9	1703.3	334.3	230.8	183.1	135.3	111.4	95.5	79.6	55.7	47.8
70°	2706.2	994.9	246.7	199.0	135.3	103.5	95.5	79.6	63.7	39.8	39.8
72.5°	1400.9	652.7	183.1	175.1	103.5	71.6	79.6	63.7	47.8	23.9	23.9
75°	899.4	437.8	135.3	143.3	63.7	55.7	55.7	39.8	23.9	15.9	8.0
77.5°	581.0	294.5	95.5	119.4	39.8	31.8	31.8	15.9	8.0	0.0	0.0
80°	342.3	183.1	63.7	79.6	15.9	15.9	8.0	0.0	0.0	0.0	0.0
82.5°	175.1	95.5	31.8	31.8	8.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	111.4	47.8	8.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	55.7	15.9	8.0	0.0	0.0	0.0	0.0	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

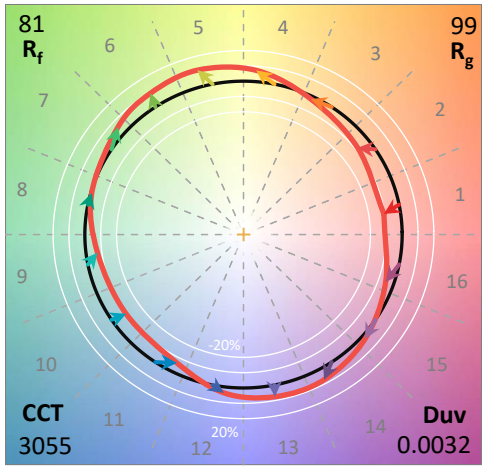
Test Information

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

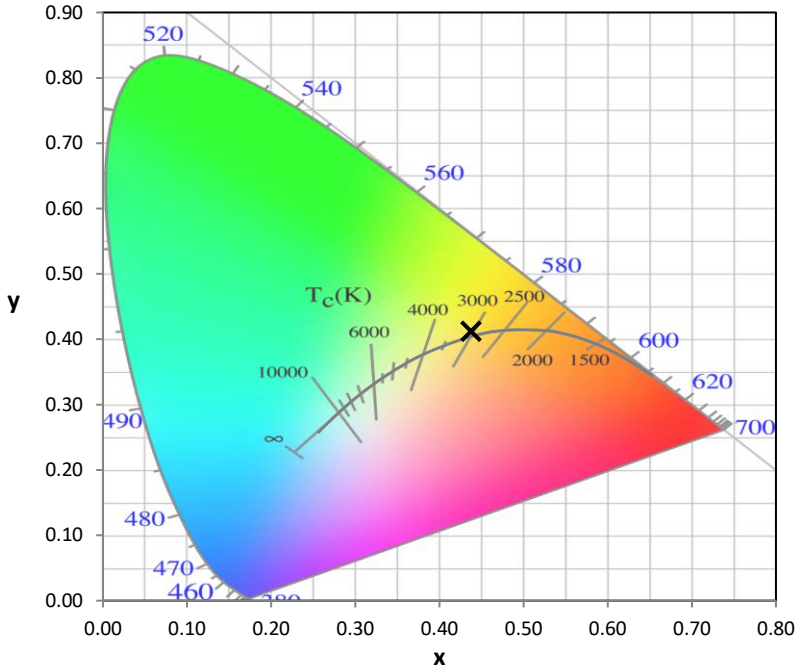
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

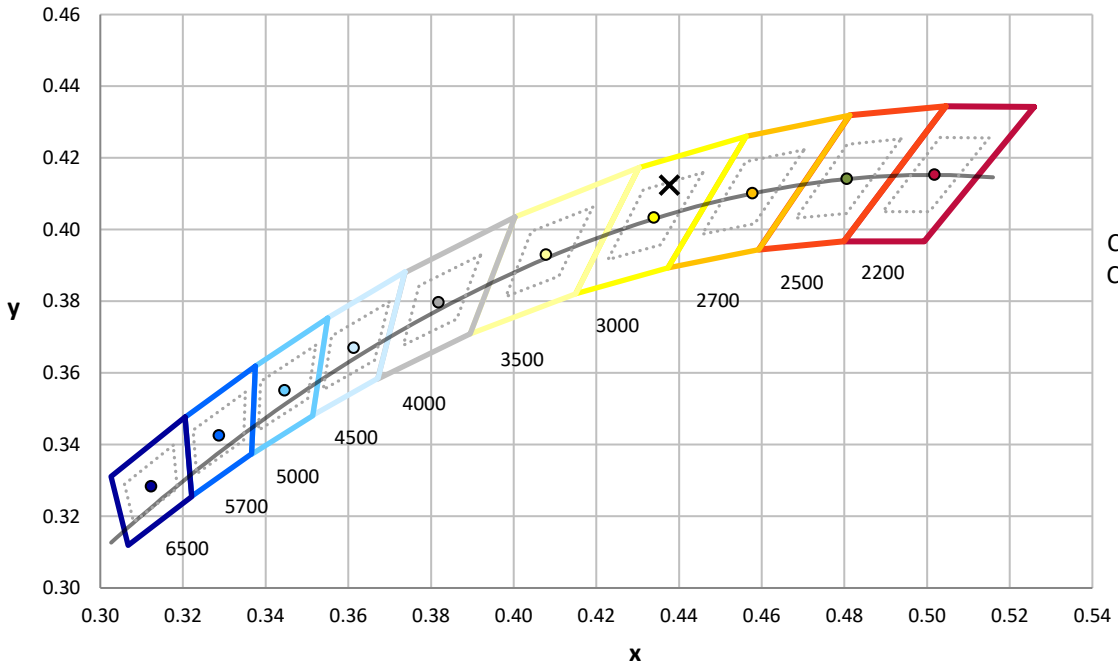
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

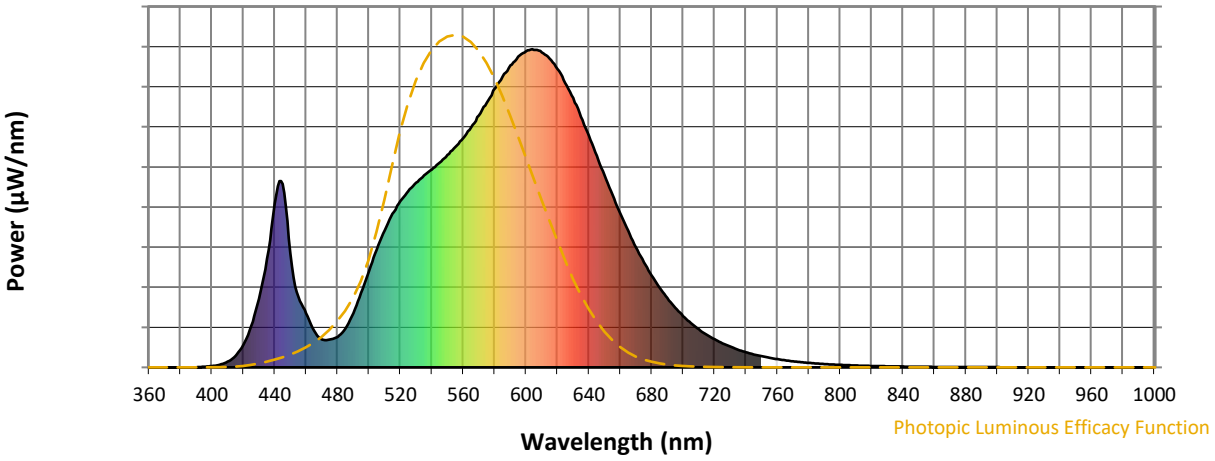


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

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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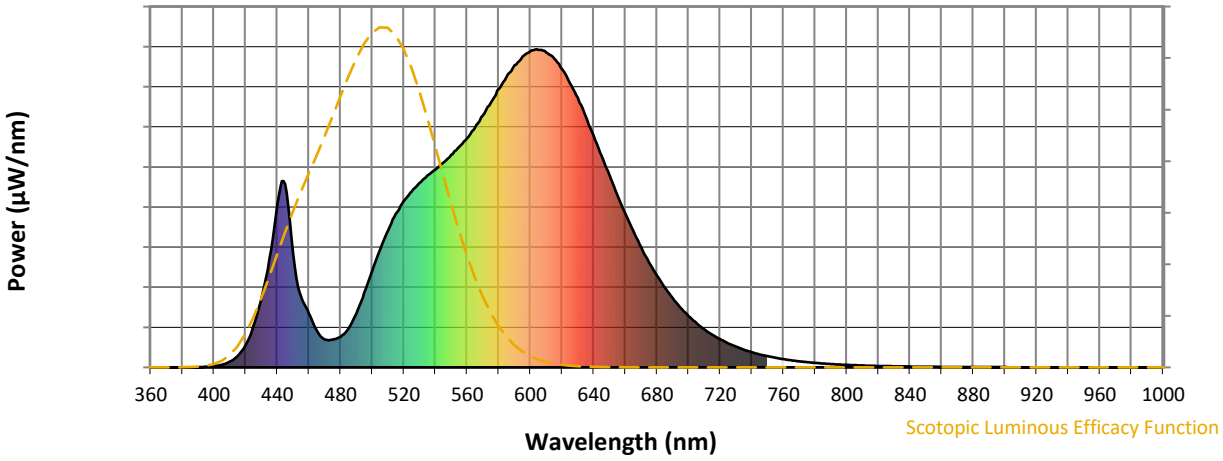
Scotopic Flux vs. Wavelength



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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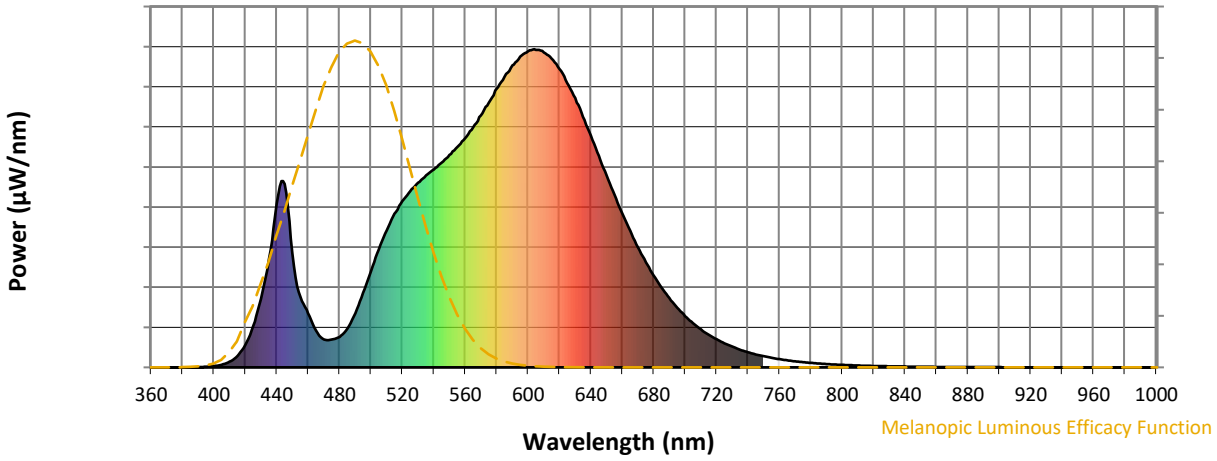
Melanopic Flux vs. Wavelength



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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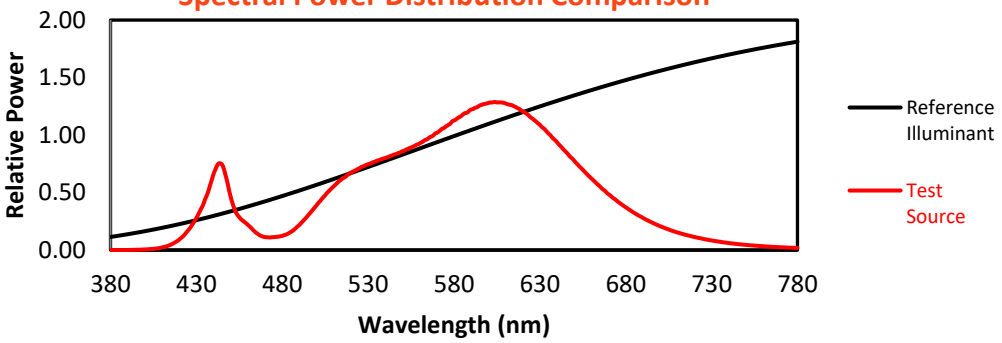
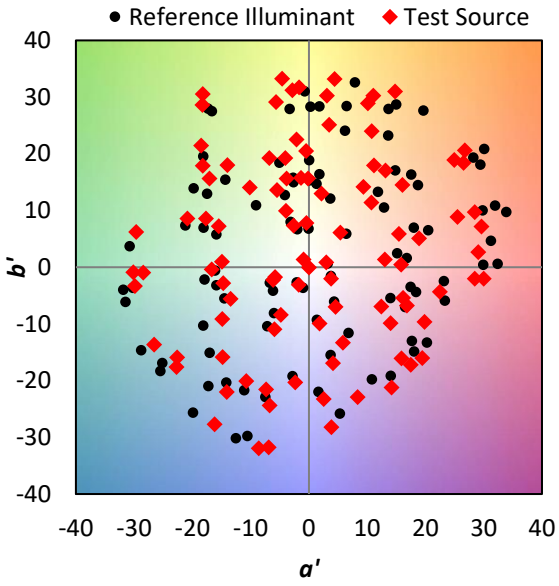
Summary

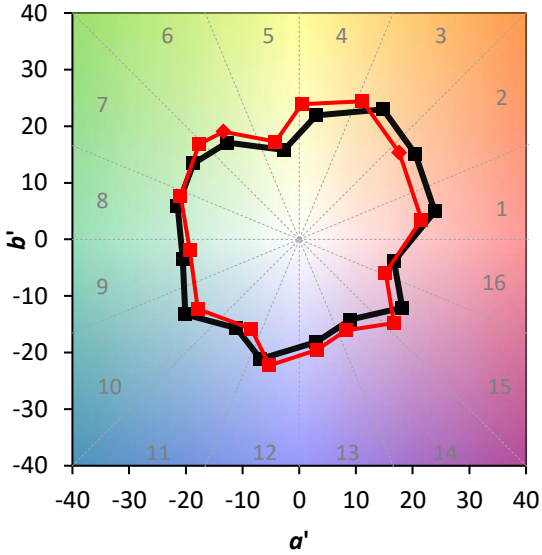
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

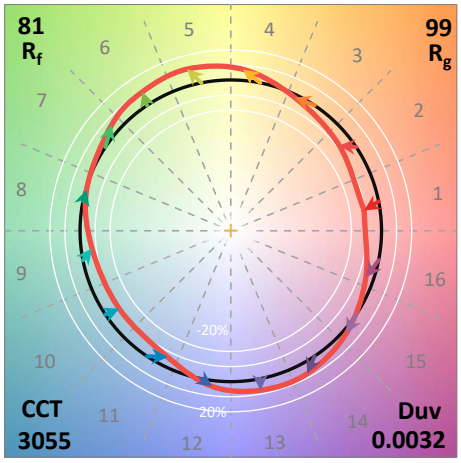
Spectral Power Distribution Comparison

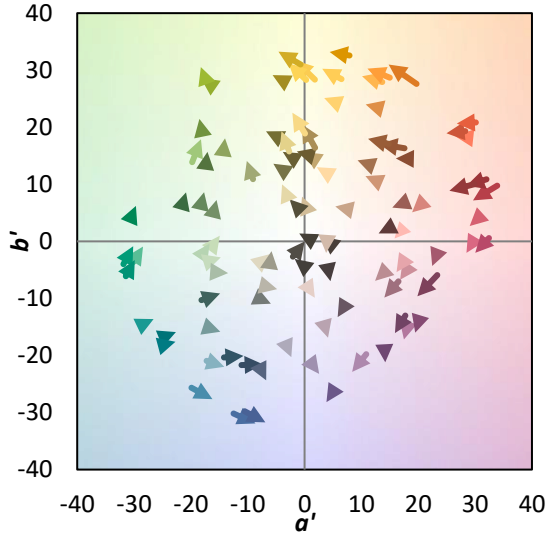


Color Vector Graphics









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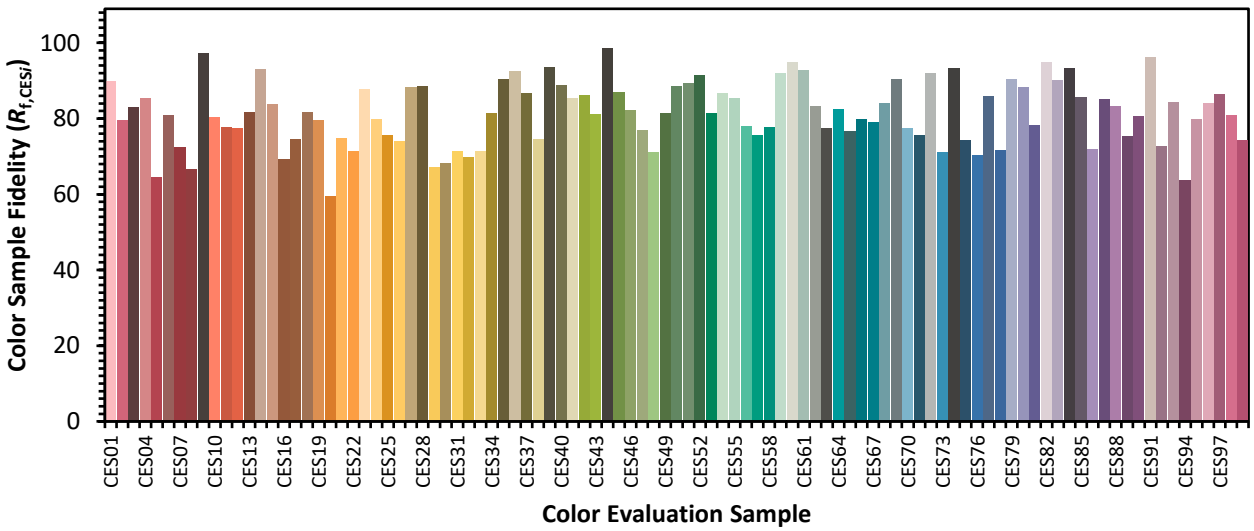
Individual Sample Fidelity Index ($R_{f,i}$)

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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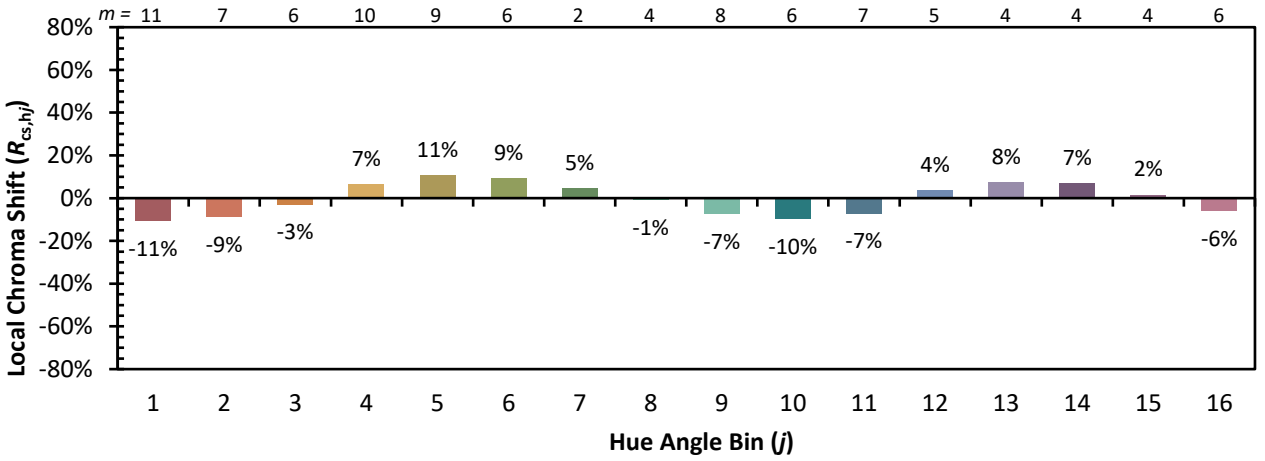
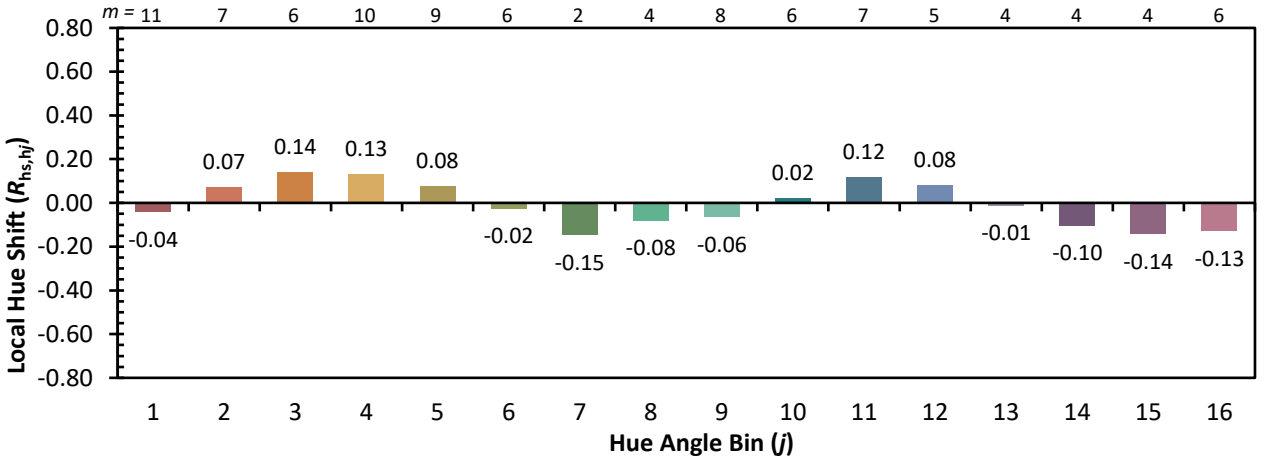
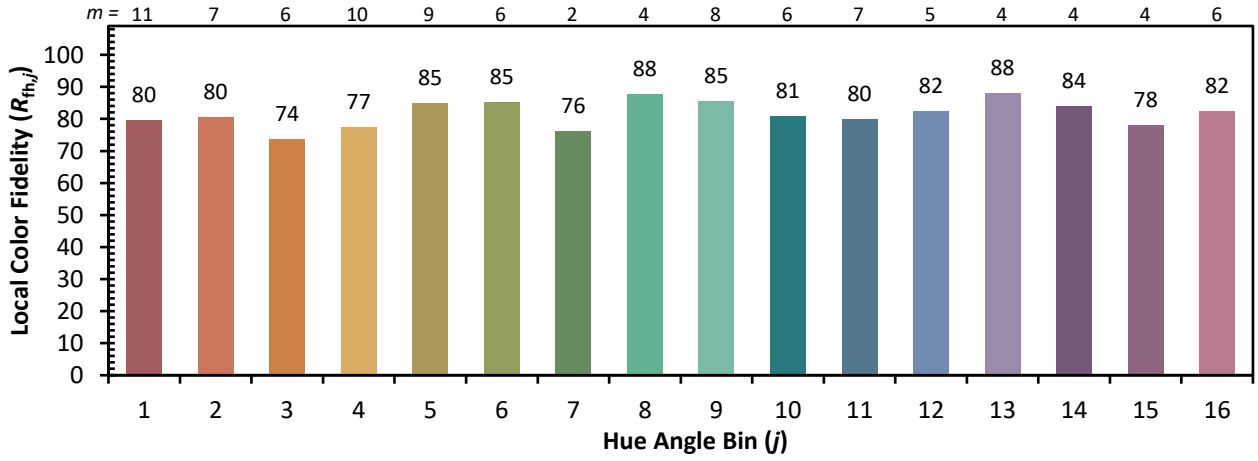
Color Rendition by Hue-Angle Bin







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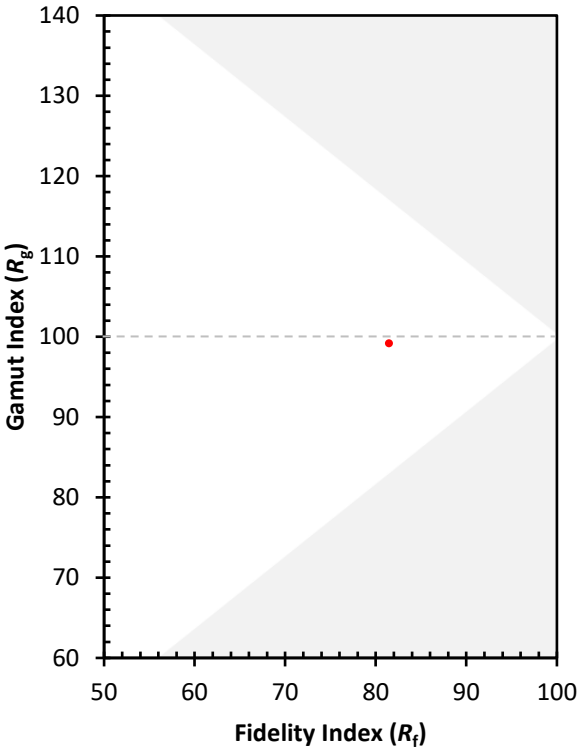
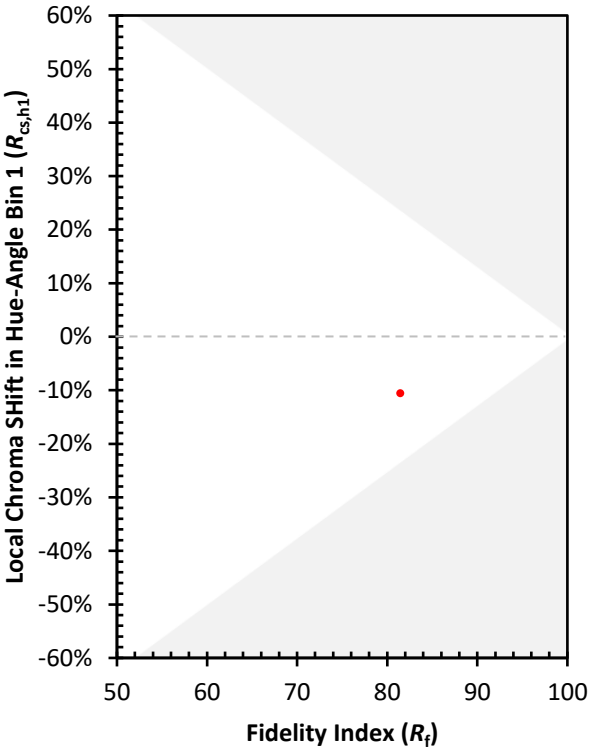
Measure Comparisons





(END OF REPORT)