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: P1458376

Luminaire Tested: GLAN-SB8B-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:	P1458376
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB8B-830-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 8xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(208) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	31260.1 lumens
Efficiency:	N/A
Efficacy:	106.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G4

Input Watts (W):	292.8
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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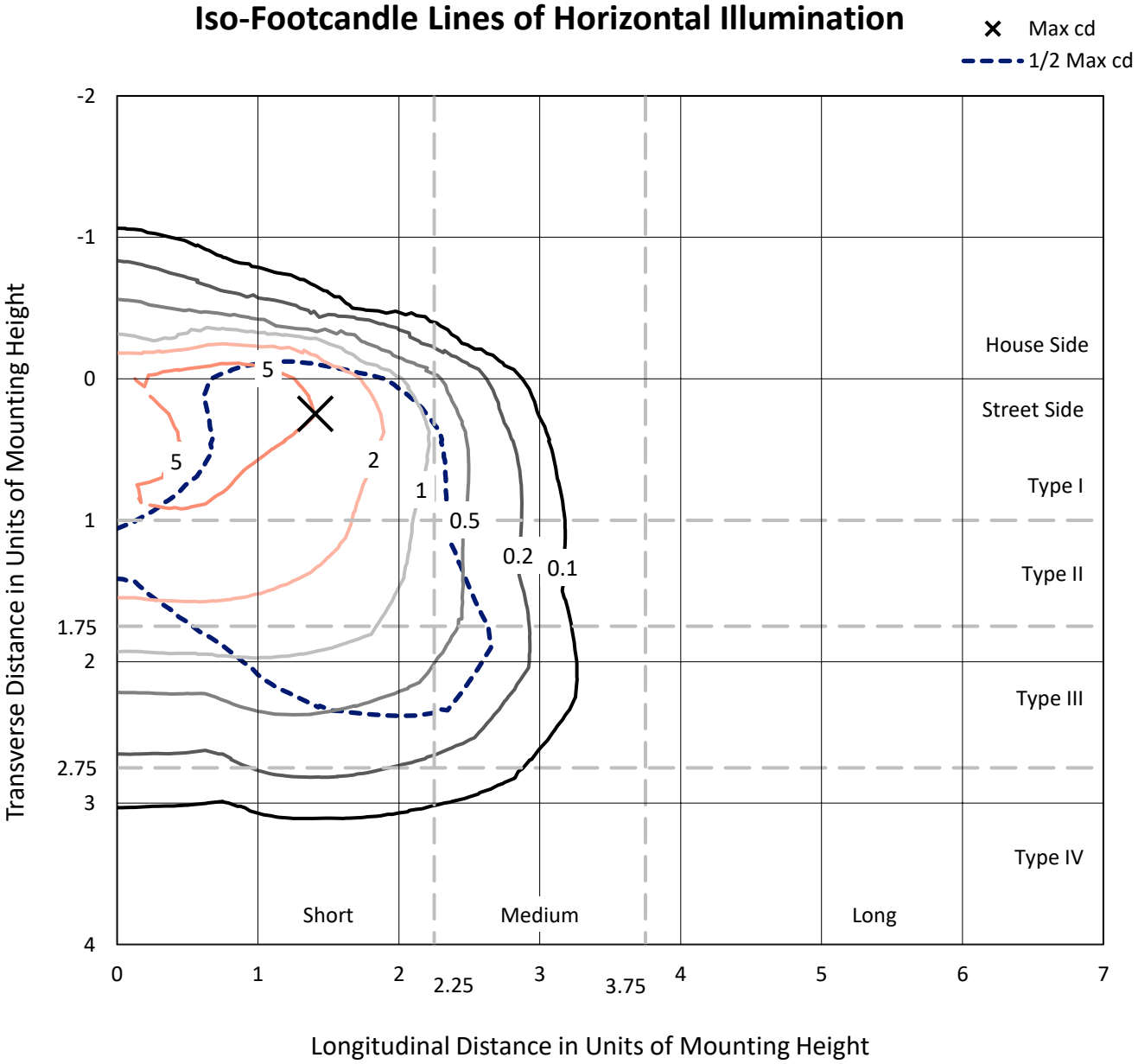
REPORT NUMBER: P1458376
CATALOG NUMBER: GLAN-SB8B-830-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 8.6 fc
Type III - Short - N/A

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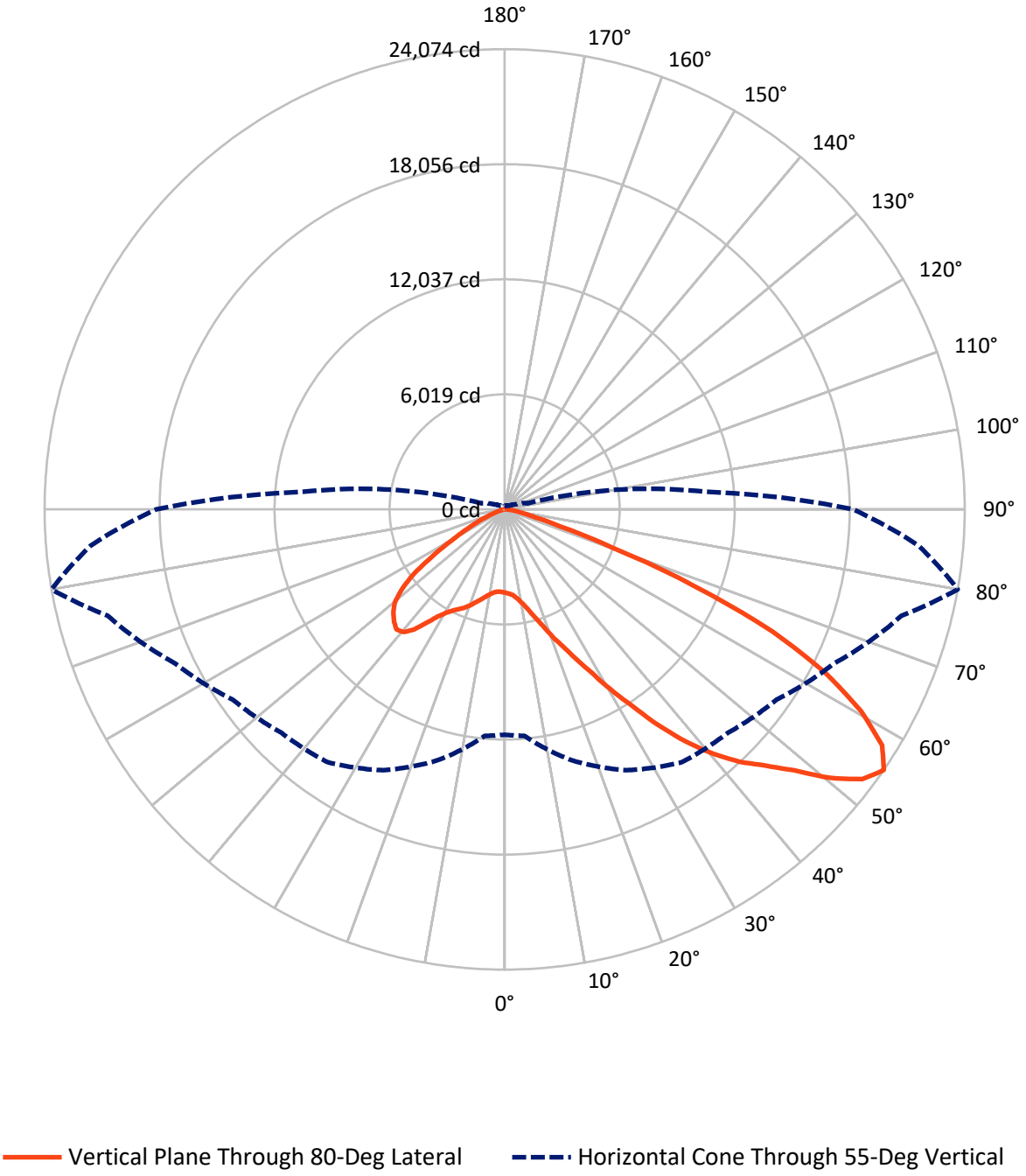
Luminous Intensity Polar Plot



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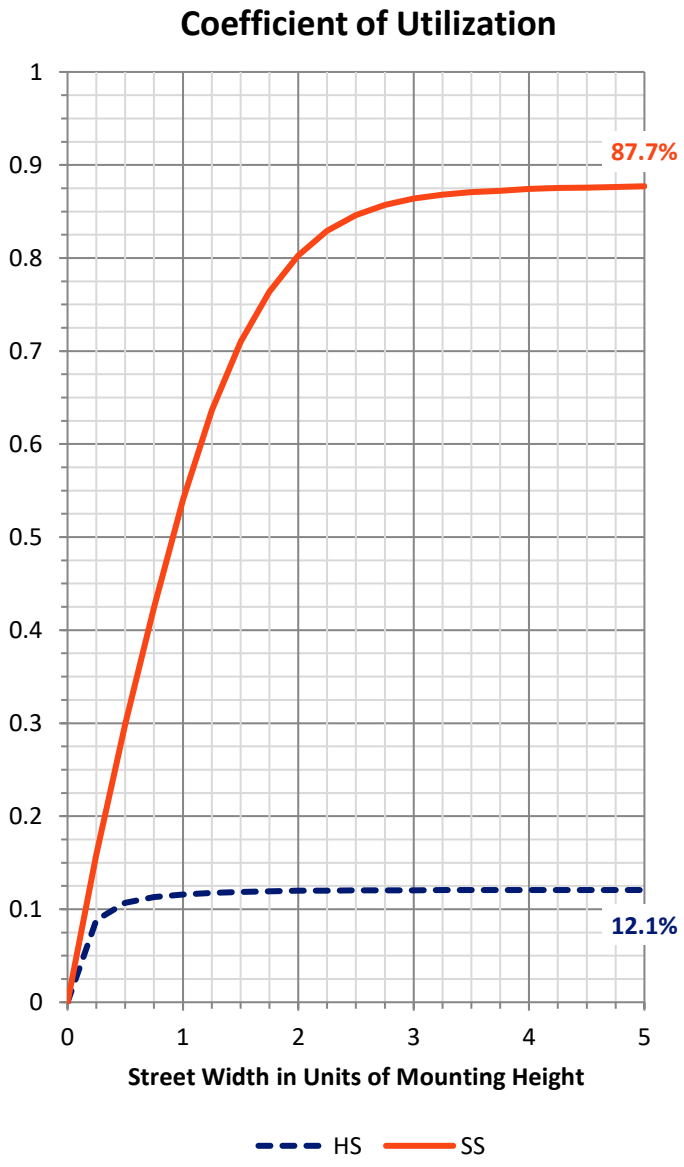
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3800.0	0.0	3800.0
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	27460.0	0.0	27460.0
	% Fixture	87.8	0.0	87.8
Total	Lumens	31260.1	0.0	31260.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	365.4	1.2
10°-20°	963.4	3.1
20°-30°	1886.1	6.0
30°-40°	3837.1	12.3
40°-50°	6468.7	20.7
50°-60°	8265.1	26.4
60°-70°	7056.5	22.6
70°-80°	2255.0	7.2
80°-90°	162.8	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°	31260.1	100.0
0°-180°	31260.1	100.0



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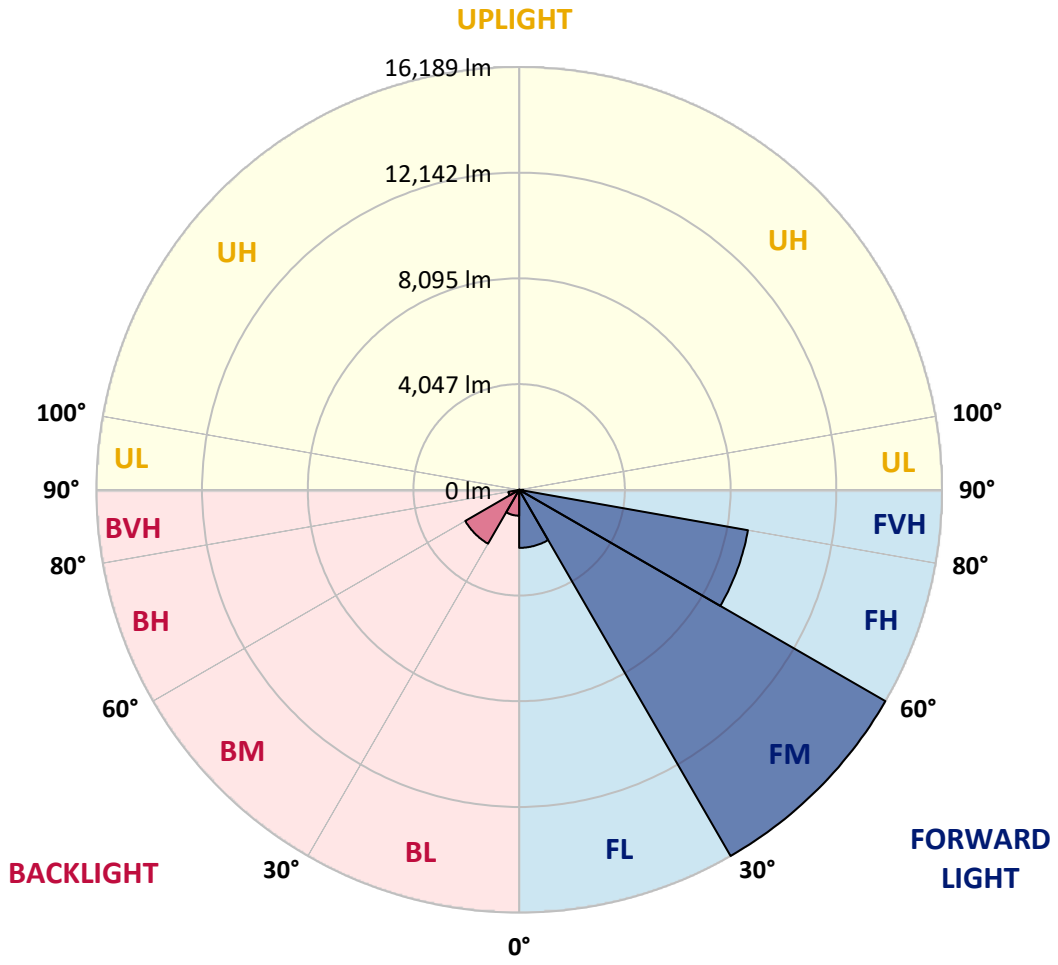
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2222.6	7.1			
FM	(30°-60°)	16189.3	51.8			
FH	(60°-80°)	8893.7	28.5			G4/12000
FVH	(80°-90°)	154.3	0.5			G2/225
BL	(0°-30°)	992.3	3.2	B2/1000		
BM	(30°-60°)	2381.6	7.6	B2/2500		
BH	(60°-80°)	417.7	1.3	B1/500		G1/500
BVH	(80°-90°)	8.5	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: P1458376
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	4354.5	4354.5	4354.5	4354.5	4354.5	4354.5	4354.5	4354.5	4354.5	*4354.5*	4354.5
2.5°	4381.1	4390.0	4381.1	4390.0	4407.8	4398.9	4434.5	4425.6	4425.6	*4416.7*	4381.1
5°	4132.3	4141.2	4159.0	4203.4	4265.6	4327.8	4407.8	4461.1	4514.4	*4505.6*	4470.0
7.5°	3643.5	3661.3	3732.4	3821.3	4025.7	4212.3	4416.7	4550.0	4665.5	*4701.1*	4674.4
10°	3368.1	3385.8	3430.3	3519.1	3705.7	4016.8	4416.7	4692.2	4896.6	*4967.7*	4976.5
12.5°	3341.4	3350.3	3385.8	3483.6	3643.5	3910.1	4407.8	4878.8	5225.4	*5332.0*	5367.6
15°	3359.2	3376.9	3412.5	3492.5	3679.1	3981.2	4478.9	5172.1	5660.8	*5811.9*	5820.8
17.5°	3430.3	3448.0	3492.5	3581.3	3785.7	4167.9	4701.1	5474.2	6185.1	*6354.0*	6451.7
20°	3572.4	3581.3	3634.7	3750.2	3981.2	4398.9	5029.9	5883.0	6816.1	*7064.9*	7136.0
22.5°	3759.1	3785.7	3856.8	3999.0	4292.3	4718.8	5483.1	6380.6	7509.3	*7767.0*	7891.4
25°	3963.5	3999.0	4105.6	4336.7	4709.9	5207.6	6042.9	7038.3	8326.8	*8637.9*	8806.7
27.5°	4381.1	4390.0	4461.1	4754.4	5234.3	5847.4	6753.9	7882.5	9286.6	*9650.9*	9837.6
30°	5296.5	5305.4	5243.1	5323.1	5811.9	6602.8	7589.2	8868.9	10406.3	*10912.9*	11063.9
32.5°	6416.2	6460.6	6451.7	6398.4	6620.6	7358.2	8584.5	10050.8	11721.5	*12254.7*	12396.9
35°	7687.0	7793.6	7767.0	7749.2	7775.9	8326.8	9722.0	11357.2	13214.5	*13863.2*	13978.8
37.5°	8931.1	8957.8	9082.2	9233.3	9251.0	9633.2	11037.3	12743.5	14600.8	*15427.3*	15605.0
40°	9890.9	9979.7	10290.8	10592.9	10904.0	11206.1	12121.4	13863.2	15702.8	*16813.6*	16893.6
42.5°	10637.4	10850.6	11303.9	11774.9	12405.8	12743.5	13152.3	14654.1	16600.3	*18048.9*	18013.3
45°	11543.8	11632.7	12272.5	12894.6	13534.4	14049.9	14041.0	15320.6	17302.4	*19106.4*	18884.2
47.5°	12157.0	12263.6	13134.5	13863.2	14520.8	14778.6	14831.9	16040.5	18271.0	*20386.1*	19861.7
50°	12485.8	12672.4	13623.3	14547.5	15258.4	15338.4	15578.4	16982.5	19541.8	*22083.4*	21097.0
52.5°	12521.3	12699.1	13792.1	14983.0	15756.1	15916.1	16324.8	18048.9	20777.1	*23443.1*	21807.9
55°	*11783.7*	*11890.4*	*13587.7*	*15054.0*	*16147.1*	*16520.4*	*17355.7*	*19035.3*	*21496.9*	*24074.0*	*21745.7*
57.5°	11090.6	11197.2	12672.4	14929.6	16547.0	17311.3	18457.6	19710.7	20937.0	*23292.0*	20359.4
60°	10495.2	10548.5	11890.4	14352.0	16698.1	18084.4	19408.5	19044.2	19488.5	*21416.9*	17986.7
62.5°	9375.5	9411.0	11001.7	13312.3	16395.9	18679.8	19737.3	17631.2	17897.8	*18830.9*	15196.2
65°	7082.7	7216.0	8673.4	12530.2	15898.3	18955.3	18973.1	15907.2	15631.7	*15409.5*	11952.6
67.5°	4807.7	4958.8	5838.6	11268.3	15089.6	19070.8	17489.0	13676.6	11908.2	*10761.8*	7829.2
70°	3839.0	3839.0	4141.2	9055.5	13170.1	17595.6	15649.5	10326.3	7562.6	*5945.2*	4194.5
72.5°	2523.8	2532.7	2817.1	5749.7	9339.9	13418.9	12761.3	5971.9	3927.9	*3030.4*	2070.6
75°	915.3	915.3	1235.2	2301.7	4941.0	7989.1	7775.9	2852.6	2132.8	*1652.9*	1253.0
77.5°	488.8	506.5	595.4	950.9	1892.9	3252.5	3039.2	1457.4	1208.6	*1030.9*	782.0
80°	328.8	337.7	399.9	586.5	915.3	1253.0	977.5	817.6	817.6	*693.2*	524.3
82.5°	177.7	186.6	266.6	382.1	488.8	586.5	471.0	479.9	577.6	*471.0*	302.1
85°	124.4	124.4	204.4	275.5	275.5	284.4	204.4	302.1	337.7	*293.3*	204.4
87.5°	71.1	71.1	115.5	133.3	133.3	124.4	62.2	106.6	133.3	*151.1*	88.9
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: P1458376
CATALOG NUMBER: GLAN-SB8B-830-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4354.5	4354.5	4354.5	4354.5	4354.5	4354.5	4354.5	4354.5	4354.5	4354.5	4354.5
2.5°	4372.2	4345.6	4292.3	4185.6	4132.3	4061.2	3999.0	3919.0	3901.3	3892.4	3856.8
5°	4443.3	4390.0	4230.1	3999.0	3803.5	3616.9	3430.3	3323.6	3234.8	3190.3	3181.4
7.5°	4621.1	4514.4	4221.2	3812.4	3448.0	3128.1	2852.6	2612.7	2488.3	2381.6	2390.5
10°	4887.7	4718.8	4238.9	3634.7	3092.6	2577.1	2177.2	1830.7	1581.8	1466.3	1457.4
12.5°	5243.1	5003.2	4301.2	3456.9	2657.1	1937.3	1430.8	1226.4	1173.0	1164.2	1155.3
15°	5678.6	5340.9	4363.4	3225.9	2070.6	1341.9	1164.2	1119.7	1110.8	1101.9	1101.9
17.5°	6202.9	5731.9	4398.9	2834.9	1510.7	1155.3	1093.1	1066.4	1057.5	1048.6	1048.6
20°	6860.5	6167.4	4443.3	2337.2	1279.7	1110.8	1039.7	1004.2	995.3	995.3	986.4
22.5°	7509.3	6656.1	4407.8	1901.8	1235.2	1057.5	977.5	942.0	924.2	924.2	915.3
25°	8255.7	7153.8	4301.2	1715.1	1226.4	1013.1	915.3	862.0	835.3	826.5	826.5
27.5°	9108.9	7722.5	4132.3	1724.0	1226.4	977.5	835.3	764.3	746.5	728.7	728.7
30°	10086.4	8415.7	4007.9	1839.5	1244.1	942.0	764.3	675.4	648.7	631.0	639.8
32.5°	11206.1	9188.8	3999.0	2026.2	1270.8	888.7	684.3	586.5	559.9	551.0	559.9
35°	12476.9	10148.6	4203.4	2168.4	1199.7	773.1	586.5	506.5	479.9	479.9	488.8
37.5°	13889.9	11250.5	4478.9	2132.8	968.6	613.2	506.5	444.3	417.7	426.6	435.4
40°	15178.5	12112.6	4523.3	1821.8	728.7	524.3	435.4	391.0	373.2	382.1	391.0
42.5°	16156.0	12805.7	4096.8	1413.0	613.2	444.3	373.2	337.7	328.8	346.6	346.6
45°	16946.9	13081.2	3421.4	1048.6	542.1	382.1	328.8	311.0	293.3	302.1	302.1
47.5°	17773.4	13125.6	2790.4	844.2	479.9	346.6	302.1	284.4	266.6	266.6	266.6
50°	18573.2	13019.0	2132.8	746.5	444.3	311.0	275.5	257.7	239.9	231.1	231.1
52.5°	18768.7	12165.9	1564.1	693.2	408.8	293.3	257.7	239.9	222.2	213.3	213.3
55°	*18226.6*	*10548.5*	*1226.4*	*622.1*	*373.2*	*266.6*	*239.9*	*222.2*	*195.5*	*186.6*	*186.6*
57.5°	16440.4	8042.5	977.5	533.2	337.7	257.7	222.2	204.4	177.7	168.8	168.8
60°	14120.9	5705.3	790.9	435.4	311.0	231.1	204.4	177.7	160.0	142.2	142.2
62.5°	11552.7	4096.8	639.8	364.4	293.3	204.4	186.6	160.0	124.4	97.8	97.8
65°	8860.0	2941.5	497.7	293.3	266.6	177.7	160.0	133.3	97.8	71.1	71.1
67.5°	5731.9	1901.8	373.2	257.7	204.4	151.1	124.4	106.6	88.9	62.2	53.3
70°	3021.5	1110.8	275.5	222.2	151.1	115.5	106.6	88.9	71.1	44.4	44.4
72.5°	1564.1	728.7	204.4	195.5	115.5	80.0	88.9	71.1	53.3	26.7	26.7
75°	1004.2	488.8	151.1	160.0	71.1	62.2	62.2	44.4	26.7	17.8	8.9
77.5°	648.7	328.8	106.6	133.3	44.4	35.5	35.5	17.8	8.9	0.0	0.0
80°	382.1	204.4	71.1	88.9	17.8	17.8	8.9	0.0	0.0	0.0	0.0
82.5°	195.5	106.6	35.5	35.5	8.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	124.4	53.3	8.9	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	62.2	17.8	8.9	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

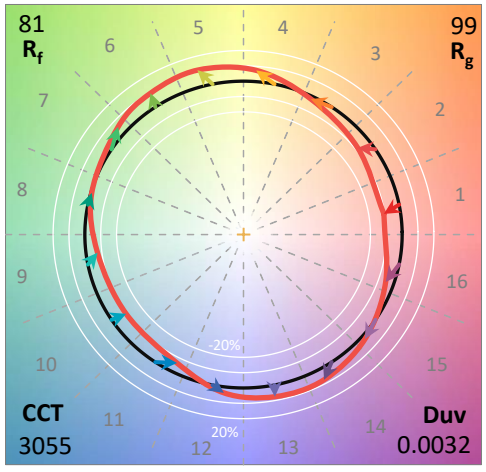
Test Information

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

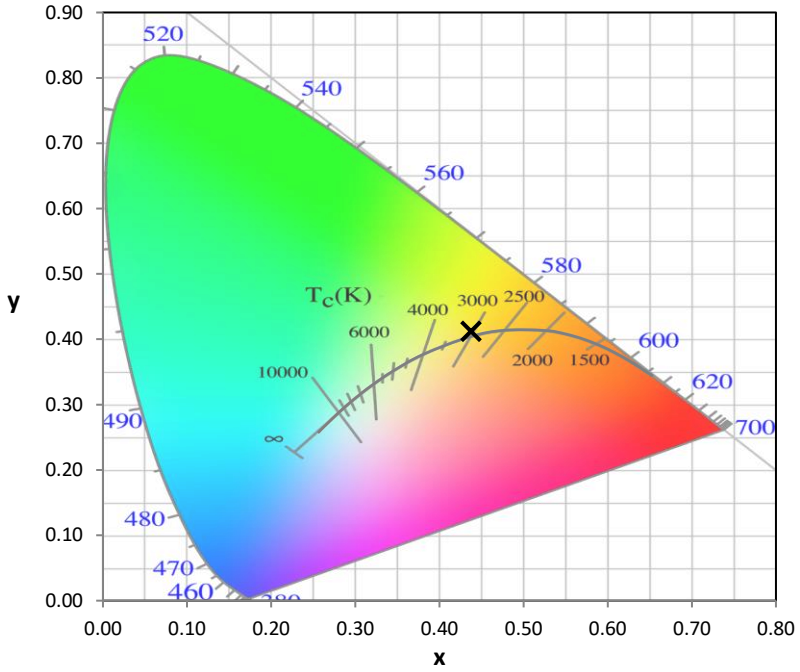
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

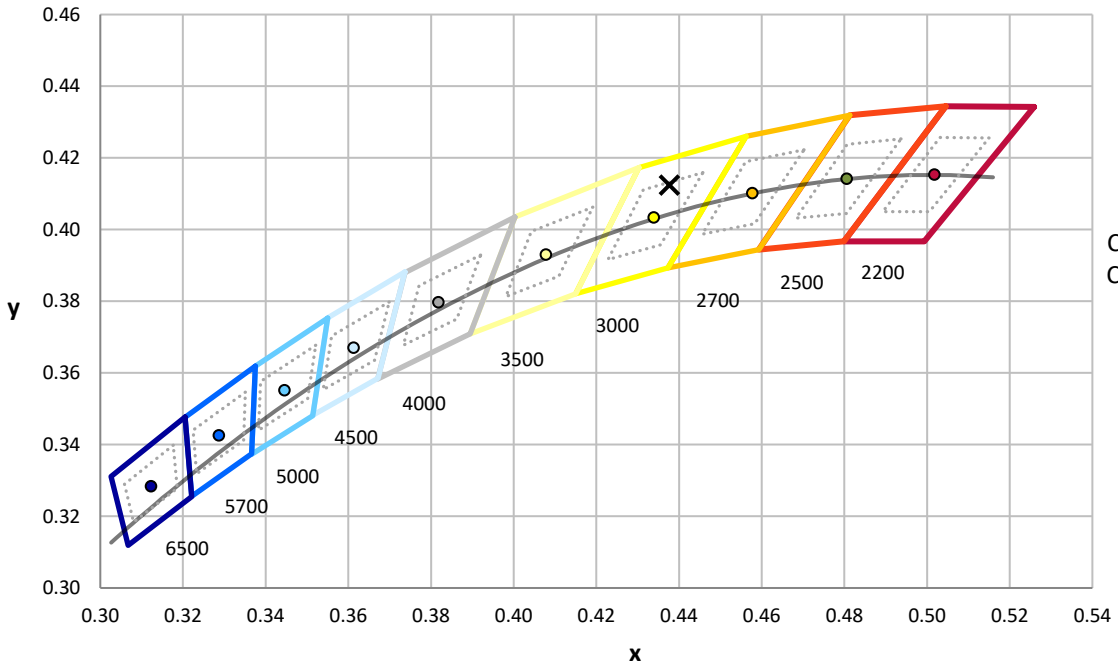
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

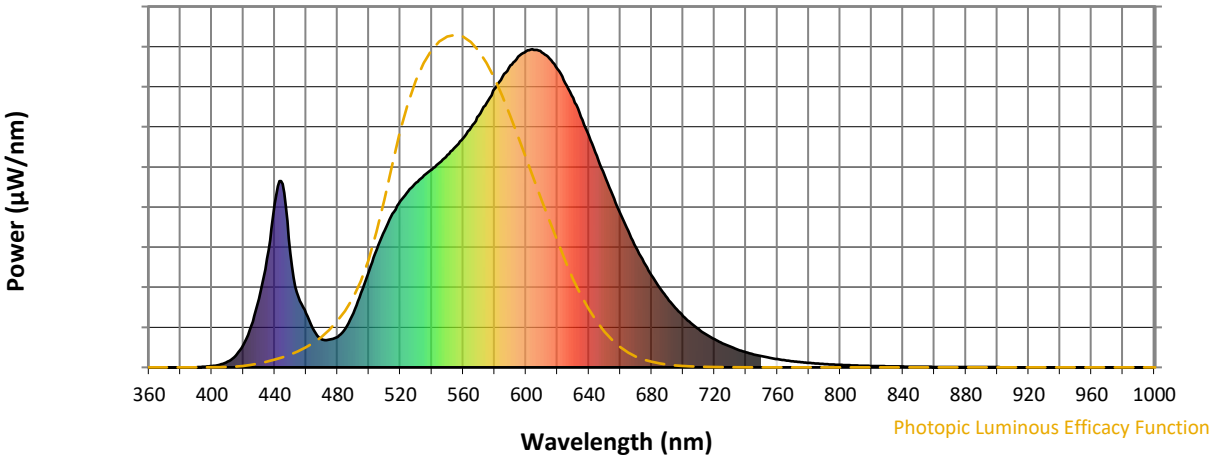


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

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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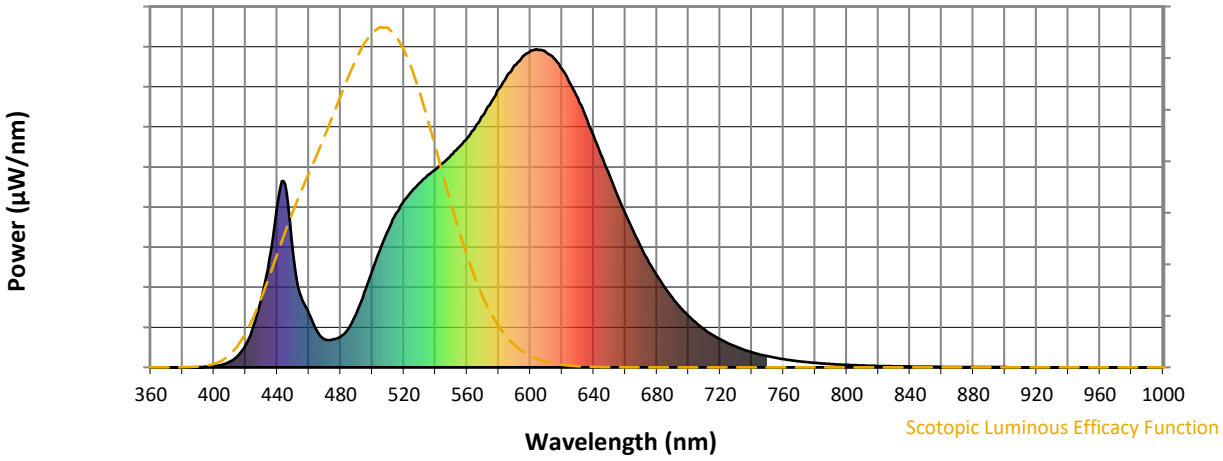
Scotopic Flux vs. Wavelength



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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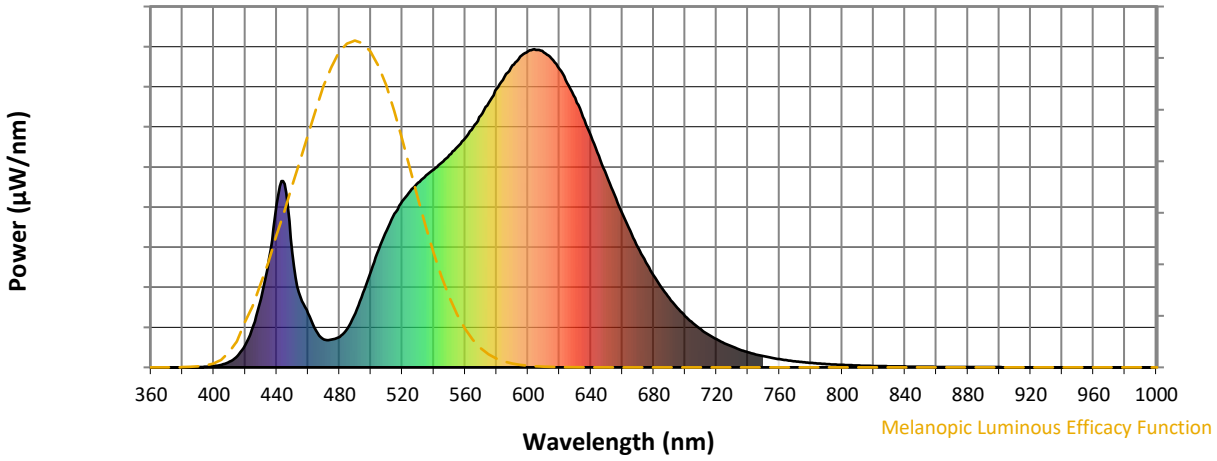
Melanopic Flux vs. Wavelength



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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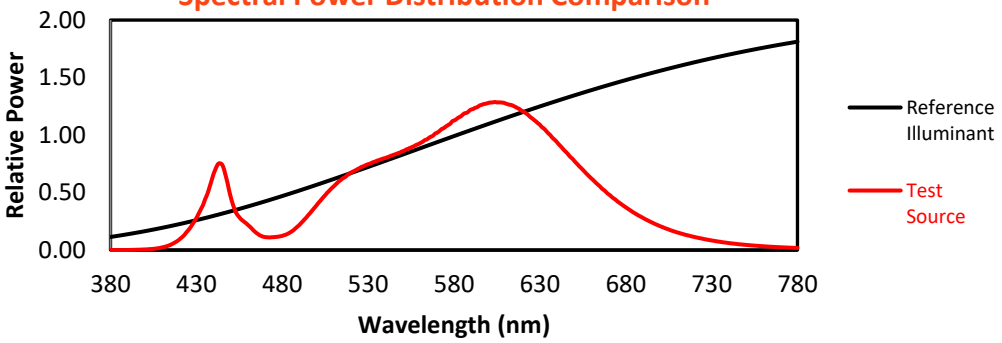
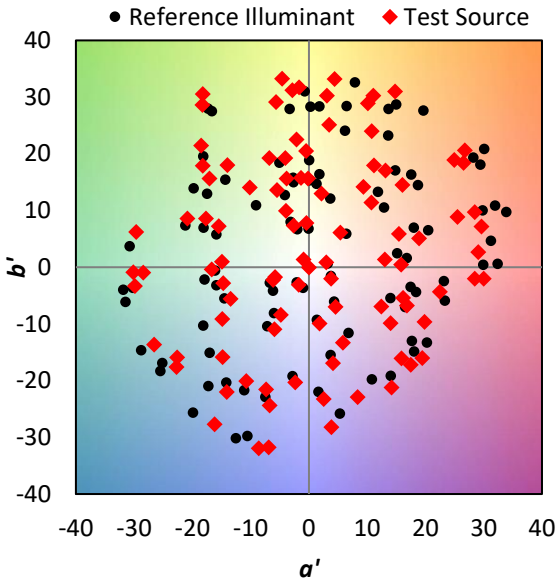
Summary

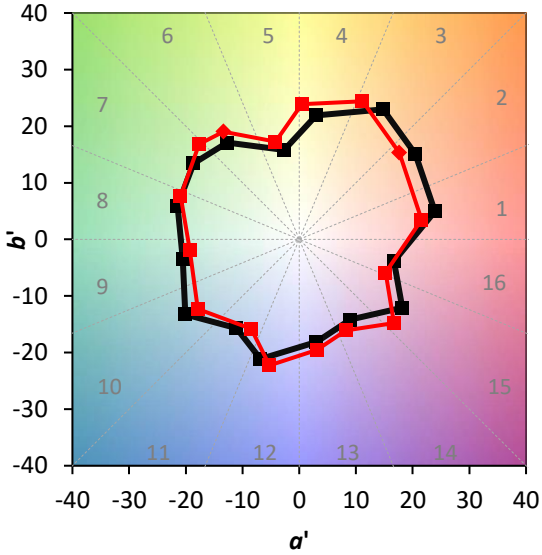
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

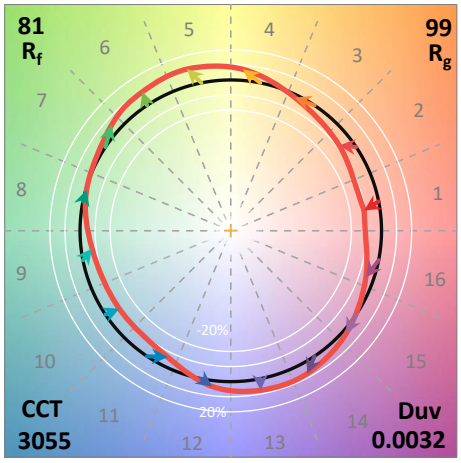
Spectral Power Distribution Comparison

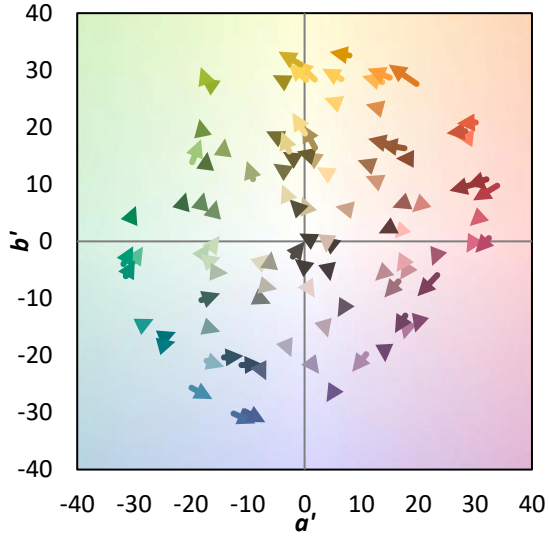


Color Vector Graphics









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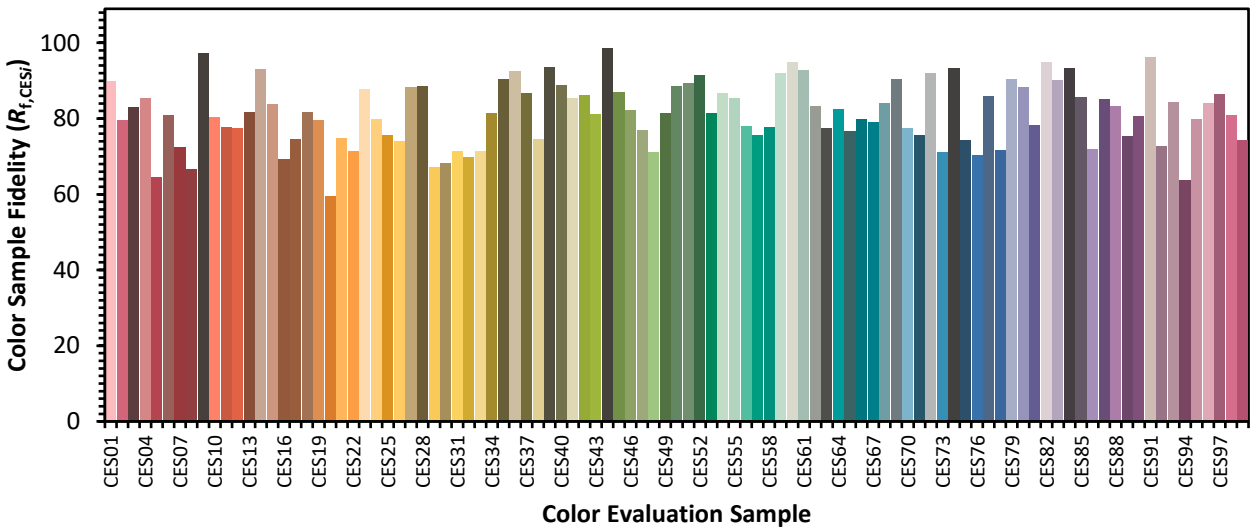
Individual Sample Fidelity Index ($R_{f,i}$)

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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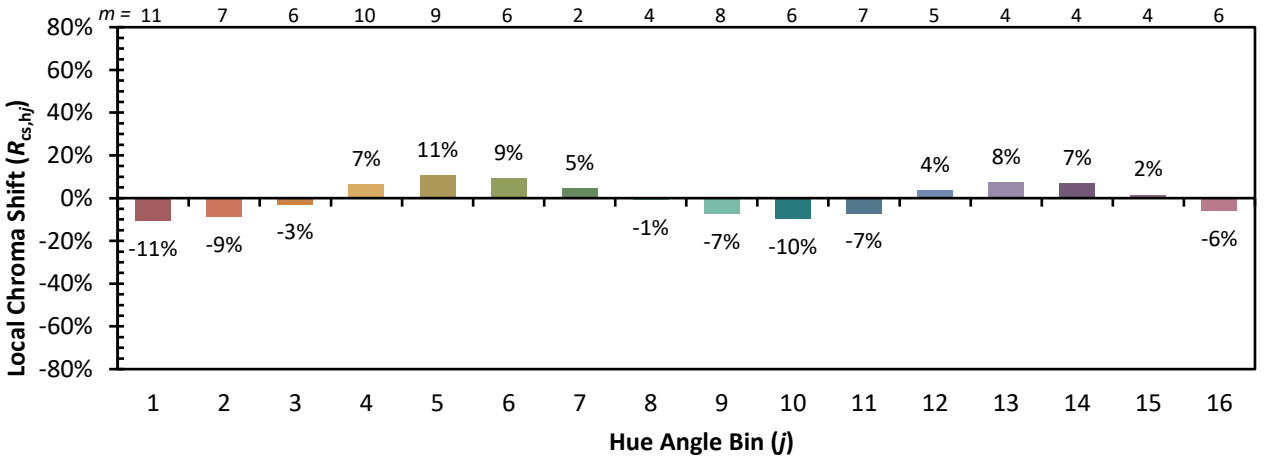
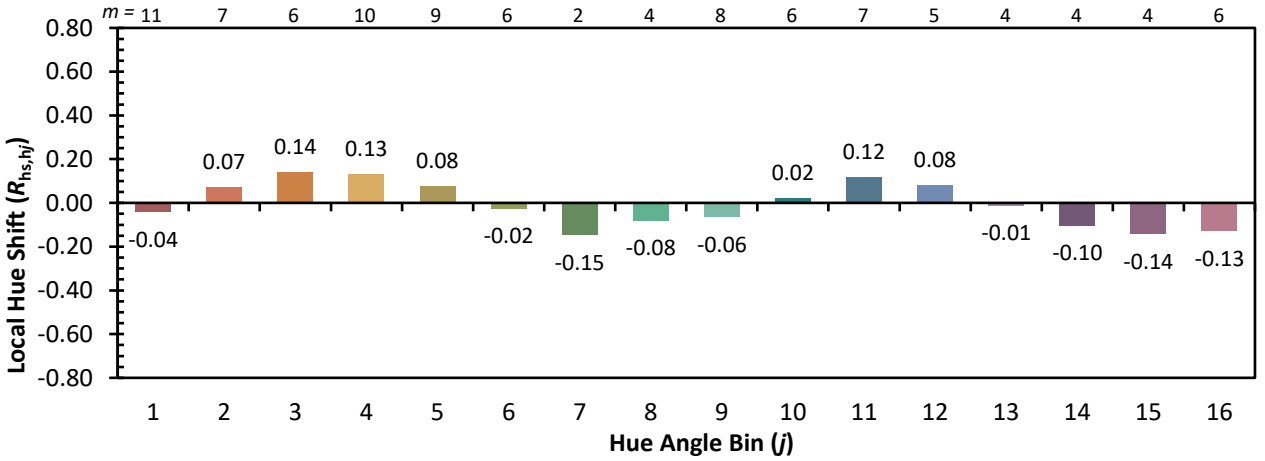
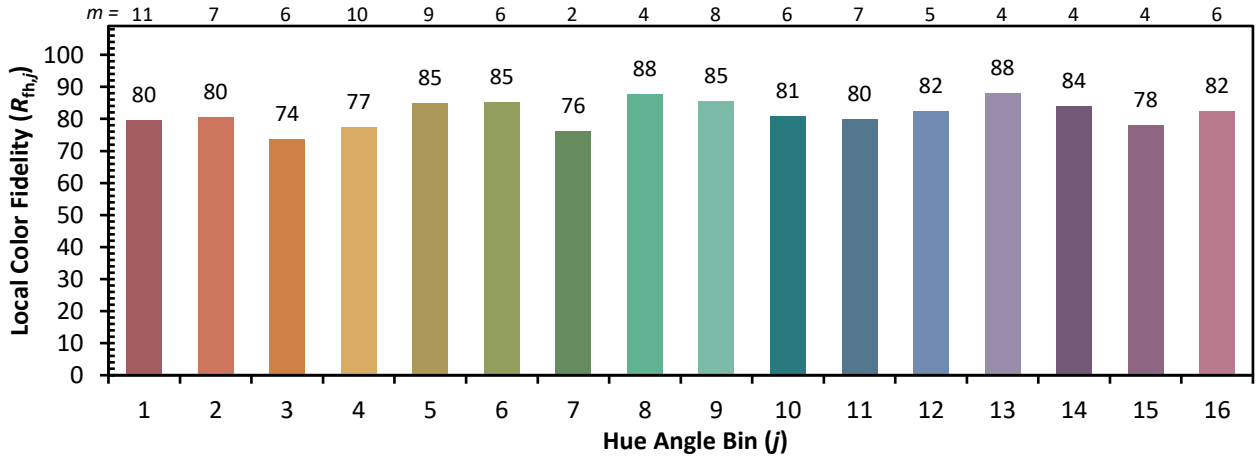
Color Rendition by Hue-Angle Bin







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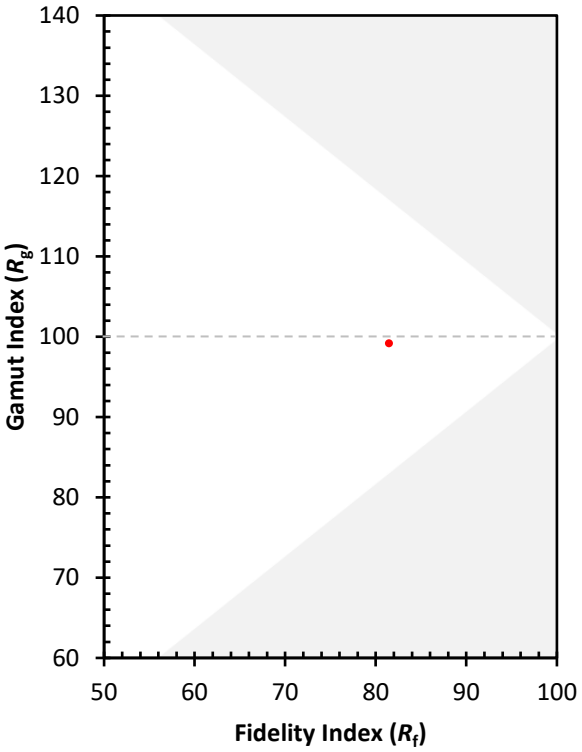
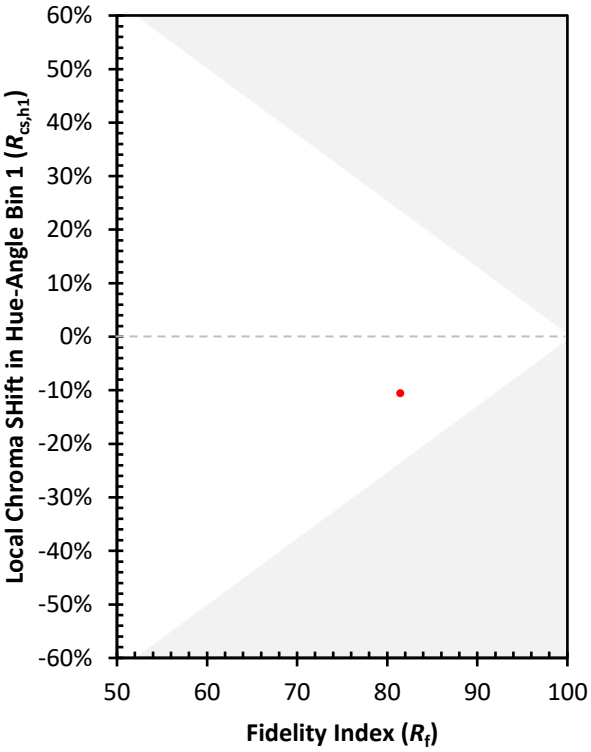
Measure Comparisons





(END OF REPORT)