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: P1457782

Luminaire Tested: GLAN-SB3D-830-U-T2LG-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:	P1457782
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3D-830-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 3xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(78) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	19864.4 lumens
Efficiency:	N/A
Efficacy:	91.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B2 - U0 - G2

Input Watts (W):	218.1
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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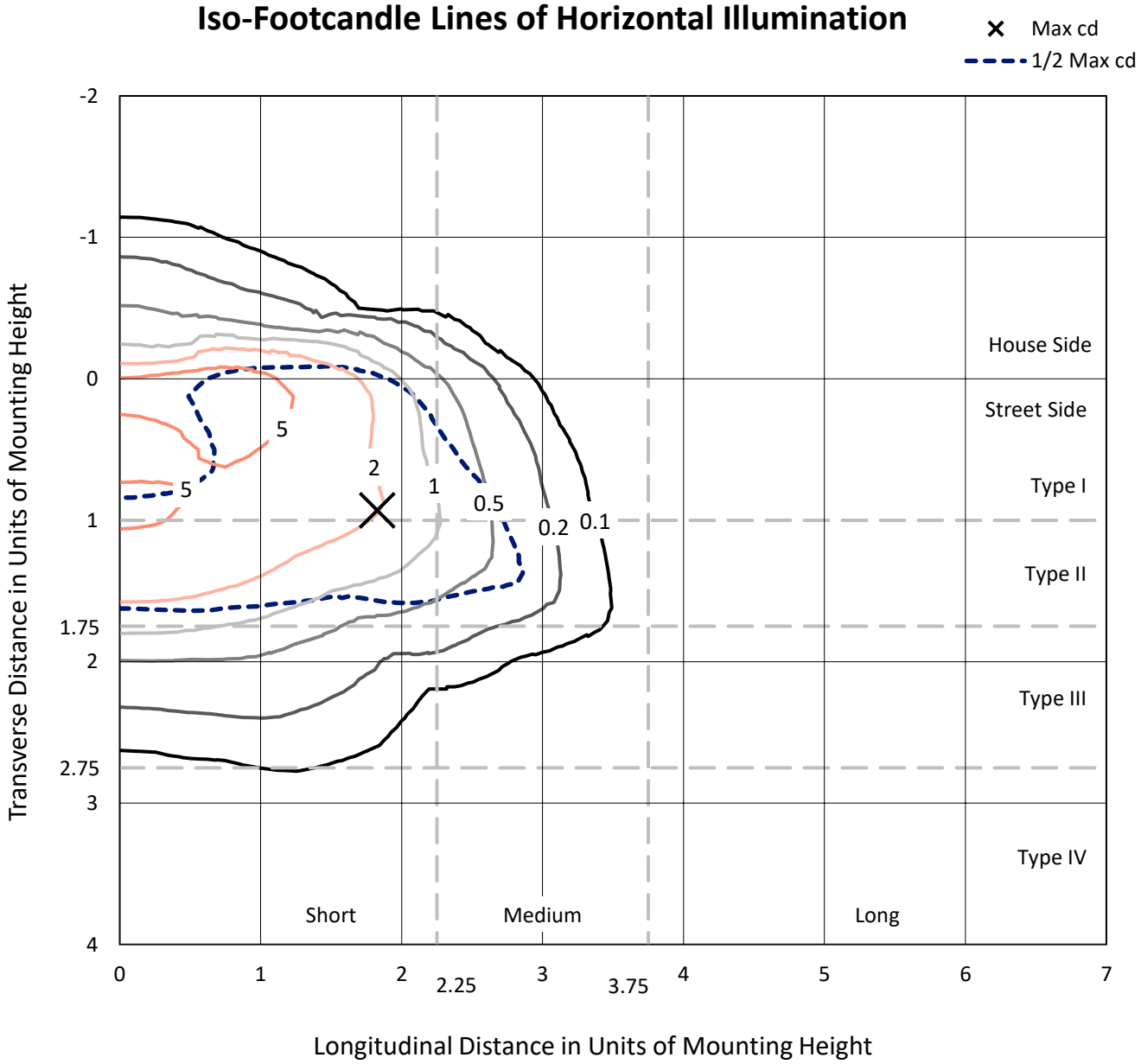
REPORT NUMBER: P1457782
CATALOG NUMBER: GLAN-SB3D-830-U-T2LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 9.1 fc
Type II - Short - N/A

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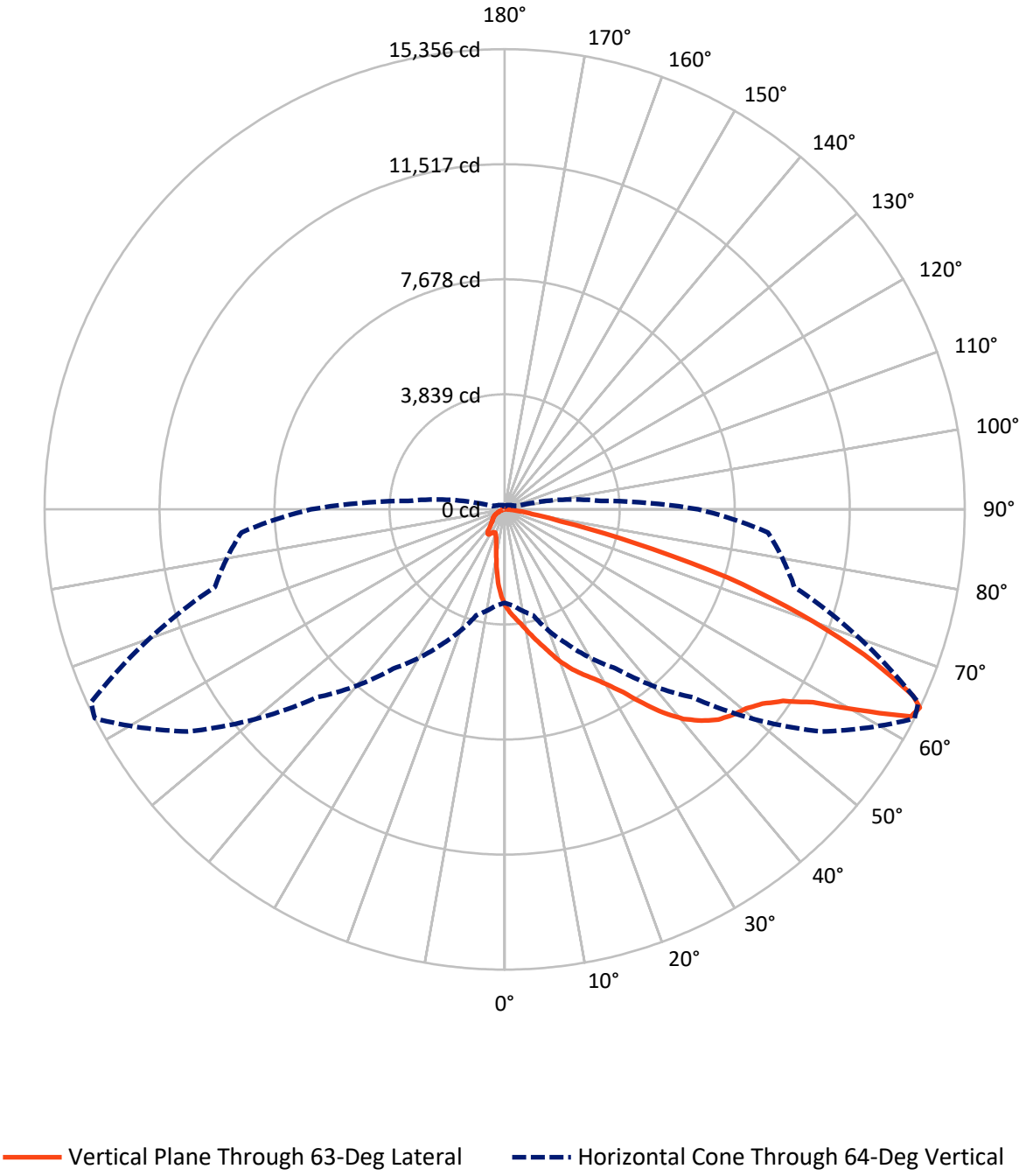
Luminous Intensity Polar Plot



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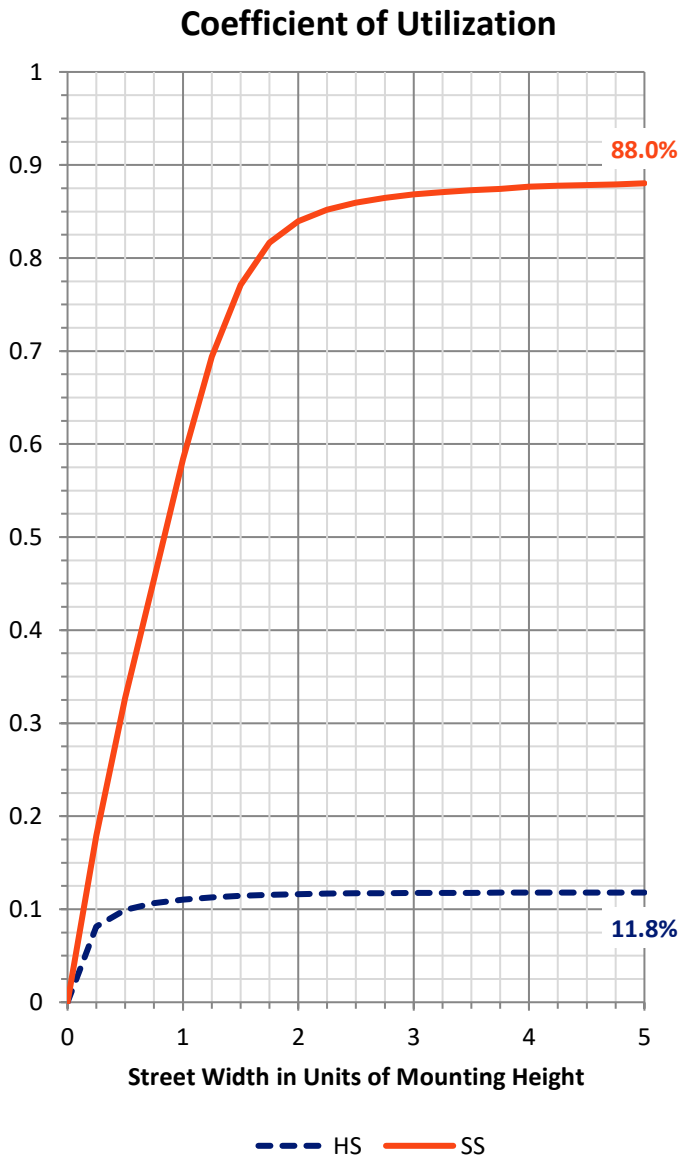
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2357.3	0.0	2357.3
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	17507.2	0.0	17507.2
	% Fixture	88.1	0.0	88.1
Total	Lumens	19864.4	0.0	19864.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	270.5	1.4
10°-20°	760.0	3.8
20°-30°	1353.7	6.8
30°-40°	2585.5	13.0
40°-50°	4285.6	21.6
50°-60°	5342.0	26.9
60°-70°	3983.4	20.1
70°-80°	1142.4	5.8
80°-90°	141.3	0.7
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°	19864.4	100.0
0°-180°	19864.4	100.0



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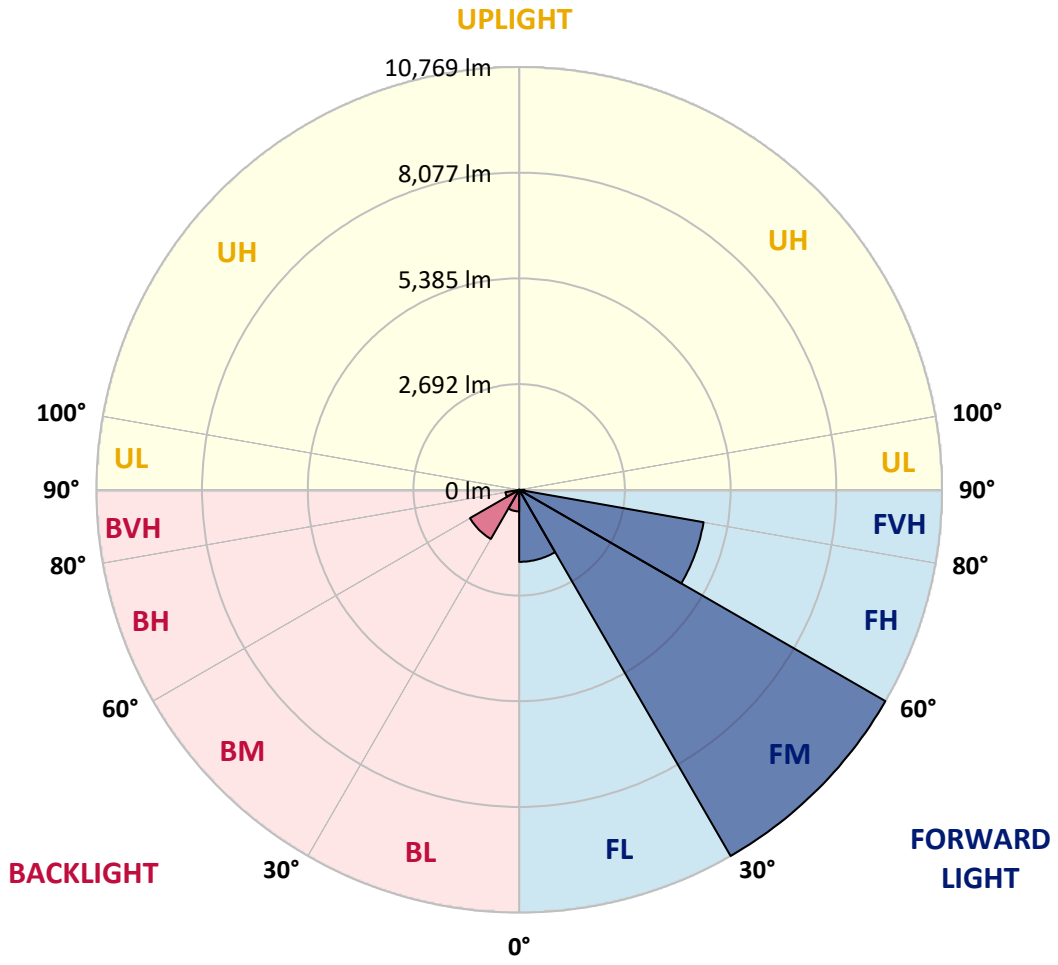
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1834.2	9.2			
FM	(30°-60°)	10769.3	54.2			
FH	(60°-80°)	4769.3	24.0			G2/5000
FVH	(80°-90°)	134.3	0.7			G2/225
BL	(0°-30°)	550.0	2.8	B2/1000		
BM	(30°-60°)	1443.9	7.3	B2/2500		
BH	(60°-80°)	356.5	1.8	B1/500		G1/500
BVH	(80°-90°)	6.9	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-G2
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	3211.8	3211.8	3211.8	3211.8	3211.8	3211.8	3211.8	*3211.8*	3211.8	3211.8	3211.8
2.5°	3599.2	3587.3	3575.3	3557.5	3533.6	3509.8	3480.0	*3438.3*	3420.4	3360.8	3289.3
5°	3783.9	3783.9	3777.9	3766.0	3754.1	3730.3	3694.5	*3640.9*	3617.0	3533.6	3408.5
7.5°	3831.6	3837.5	3855.4	3879.2	3915.0	3909.0	3909.0	*3849.4*	3837.5	3748.1	3581.3
10°	3748.1	3754.1	3801.8	3867.3	3974.6	4075.9	4147.4	*4111.6*	4093.8	4004.4	3795.8
12.5°	3629.0	3629.0	3706.4	3807.7	3974.6	4165.3	4373.8	*4409.6*	4415.5	4314.2	4064.0
15°	3319.1	3331.0	3456.2	3658.8	3932.9	4230.8	4582.4	*4719.4*	4755.2	4689.6	4391.7
17.5°	2907.9	2919.9	3045.0	3319.1	3730.3	4230.8	4761.2	*5077.0*	5124.6	5136.6	4808.8
20°	2735.1	2735.1	2806.6	3015.2	3444.2	4117.6	4868.4	*5458.3*	5565.6	5696.7	5267.7
22.5°	2759.0	2759.0	2800.7	2919.9	3265.5	3962.7	4934.0	*5798.0*	6018.5	6352.2	5857.6
25°	2890.1	2890.1	2925.8	3003.3	3283.3	3938.8	5059.1	*6101.9*	6453.5	7085.1	6530.9
27.5°	3098.6	3092.7	3122.5	3199.9	3456.2	4052.0	5267.7	*6405.8*	6799.1	7907.4	7305.6
30°	3402.5	3384.6	3396.6	3486.0	3736.2	4314.2	5571.6	*6793.1*	7192.4	8807.2	8163.7
32.5°	4105.7	4099.7	3926.9	3879.2	4147.4	4737.3	5988.7	*7275.8*	7722.7	9760.7	9045.6
35°	5374.9	5458.3	5214.0	4588.3	4642.0	5303.4	6584.6	*7931.3*	8342.4	10773.7	10005.0
37.5°	6662.0	6662.0	6560.7	5821.8	5446.4	5929.1	7228.1	*8604.6*	9033.7	11590.0	10928.6
40°	7681.0	7734.6	7615.5	7061.3	6572.7	6644.2	7871.7	*9194.6*	9587.9	12090.6	11584.1
42.5°	8437.8	8425.9	8378.2	8014.7	7740.6	7579.7	8455.7	*9635.5*	10010.9	12346.8	11995.2
45°	9254.2	9254.2	9188.6	8890.7	8664.2	8527.2	8890.7	*10005.0*	10398.3	12501.8	12251.5
47.5°	10106.3	10094.4	10028.8	9701.1	9456.8	9254.2	9331.6	*10243.3*	10636.6	12400.5	12293.2
50°	10314.8	10302.9	10451.9	10463.8	10243.3	9856.0	9683.2	*10445.9*	10791.6	12406.4	12424.3
52.5°	10070.5	10142.0	10362.5	10630.7	10880.9	10475.7	10058.6	*10767.7*	11125.2	12573.3	12752.0
55°	9462.7	9492.5	9915.6	10344.6	10928.6	11071.6	10660.5	*11280.2*	11596.0	12734.1	13044.0
57.5°	8330.5	8443.7	8896.6	9641.5	10529.4	11125.2	11709.2	*12138.3*	12376.6	12799.7	12883.1
60°	6286.6	6346.2	7329.4	8294.8	9701.1	10696.2	12686.5	*13592.2*	13562.4	12060.8	11756.9
62.5°	3825.6	3879.2	4582.4	6113.8	7883.6	9802.4	13014.2	*15219.0*	15058.1	10815.4	9897.7
64°	*3116.5*	*3217.8*	*3652.8*	*4963.8*	*6483.3*	*8866.8*	*12918.9*	*15356.1*	*15230.9*	*10010.9*	*8819.2*
65°	2663.6	2800.7	3247.6	4308.3	5512.0	7859.8	12656.7	*14974.7*	14891.3	9522.3	7925.3
67.5°	1674.4	1740.0	2401.4	3348.9	3795.8	5029.3	10880.9	*12948.7*	13097.6	8485.5	5845.7
70°	1245.4	1275.2	1650.6	2592.1	2961.6	2925.8	7472.4	*10487.6*	10523.4	6787.2	3527.7
72.5°	905.8	911.7	1156.0	1918.8	2318.0	1996.2	3938.8	*7794.2*	7538.0	3974.6	1924.7
75°	601.8	625.7	810.4	1352.7	1805.5	1465.9	1793.6	*4439.4*	4361.9	1942.6	1102.4
77.5°	441.0	446.9	548.2	905.8	1418.2	1078.6	1084.5	*1912.8*	1972.4	1156.0	697.2
80°	250.3	262.2	357.5	554.2	923.6	738.9	607.8	*923.6*	1060.7	786.6	464.8
82.5°	149.0	160.9	256.2	363.5	631.6	303.9	309.9	*506.5*	631.6	566.1	250.3
85°	89.4	95.3	160.9	196.6	375.4	202.6	113.2	*250.3*	327.7	333.7	137.1
87.5°	59.6	59.6	89.4	83.4	107.3	95.3	47.7	*65.5*	83.4	113.2	53.6
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: P1457782
CATALOG NUMBER: GLAN-SB3D-830-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3211.8	3211.8	3211.8	3211.8	3211.8	3211.8	3211.8	3211.8	3211.8	3211.8	3211.8
2.5°	3229.7	3194.0	3086.7	2943.7	2812.6	2711.3	2586.2	2502.7	2425.3	2425.3	2359.7
5°	3307.2	3211.8	2949.7	2621.9	2270.3	1936.6	1722.1	1483.8	1406.3	1340.8	1352.7
7.5°	3438.3	3265.5	2800.7	2210.7	1650.6	1293.1	1054.7	947.5	899.8	870.0	876.0
10°	3599.2	3360.8	2621.9	1793.6	1215.6	947.5	834.2	792.5	774.7	768.7	768.7
12.5°	3819.6	3474.0	2443.1	1442.1	959.4	816.4	756.8	732.9	715.1	703.1	703.1
15°	4081.8	3617.0	2234.6	1185.8	840.2	750.8	703.1	679.3	655.5	649.5	649.5
17.5°	4415.5	3766.0	2049.9	1019.0	780.6	703.1	655.5	625.7	607.8	601.8	601.8
20°	4785.0	3950.7	1865.1	923.6	738.9	655.5	607.8	584.0	566.1	554.2	560.1
22.5°	5255.7	4183.1	1746.0	876.0	703.1	613.8	566.1	542.3	524.4	512.5	518.4
25°	5774.2	4475.1	1680.4	876.0	679.3	584.0	530.3	506.5	488.6	476.7	476.7
27.5°	6405.8	4802.9	1686.4	911.7	673.4	560.1	500.5	476.7	458.8	441.0	441.0
30°	7103.0	5190.2	1751.9	977.3	685.3	536.3	476.7	441.0	429.0	411.2	411.2
32.5°	7841.9	5637.1	1918.8	1060.7	673.4	506.5	441.0	411.2	393.3	381.4	381.4
35°	8622.5	6143.6	2127.3	1096.4	613.8	464.8	411.2	381.4	369.5	363.5	357.5
37.5°	9367.4	6584.6	2240.5	1024.9	536.3	429.0	375.4	345.6	339.7	327.7	327.7
40°	9945.4	6948.1	2175.0	876.0	494.6	393.3	345.6	315.8	303.9	292.0	292.0
42.5°	10285.0	7079.2	1936.6	744.9	464.8	357.5	315.8	286.0	274.1	268.2	268.2
45°	10481.7	7061.3	1656.6	667.4	435.0	327.7	286.0	268.2	250.3	244.3	238.4
47.5°	10475.7	6876.6	1454.0	601.8	405.2	303.9	268.2	250.3	232.4	226.4	226.4
50°	10434.0	6602.5	1227.5	554.2	381.4	286.0	250.3	238.4	220.5	214.5	208.6
52.5°	10535.3	6447.5	1024.9	524.4	351.6	274.1	244.3	226.4	202.6	196.6	196.6
55°	10660.5	6358.1	822.3	494.6	327.7	268.2	232.4	214.5	190.7	184.7	184.7
57.5°	10297.0	6018.5	679.3	446.9	297.9	256.2	220.5	208.6	184.7	166.8	166.8
60°	9152.9	4975.7	560.1	393.3	274.1	238.4	208.6	190.7	166.8	143.0	143.0
62.5°	7442.7	3795.8	464.8	333.7	256.2	220.5	190.7	172.8	143.0	113.2	113.2
64°	*6465.4*	*3223.8*	*417.1*	*292.0*	*244.3*	*202.6*	*172.8*	*154.9*	*125.1*	*95.3*	*89.4*
65°	5798.0	2848.3	387.3	274.1	238.4	190.7	166.8	149.0	113.2	89.4	83.4
67.5°	4081.8	1912.8	309.9	226.4	208.6	160.9	143.0	125.1	101.3	77.5	71.5
70°	2377.6	1084.5	244.3	190.7	160.9	125.1	119.2	113.2	89.4	59.6	59.6
72.5°	1293.1	542.3	184.7	154.9	125.1	89.4	101.3	89.4	71.5	47.7	41.7
75°	792.5	333.7	137.1	113.2	83.4	65.5	77.5	65.5	41.7	29.8	23.8
77.5°	530.3	214.5	101.3	77.5	53.6	41.7	53.6	35.8	17.9	6.0	6.0
80°	327.7	149.0	65.5	47.7	29.8	17.9	11.9	6.0	6.0	0.0	0.0
82.5°	143.0	95.3	35.8	23.8	11.9	6.0	6.0	0.0	0.0	0.0	0.0
85°	77.5	29.8	11.9	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	23.8	11.9	6.0	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

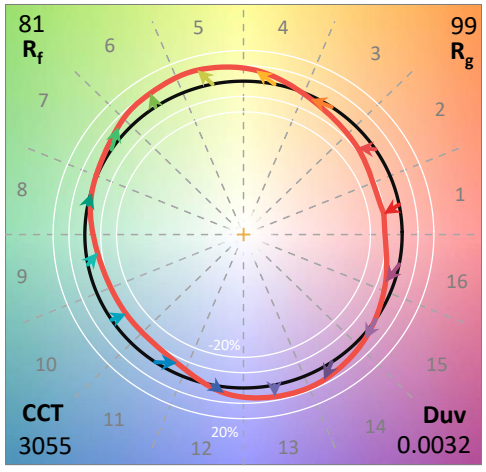
Test Information

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

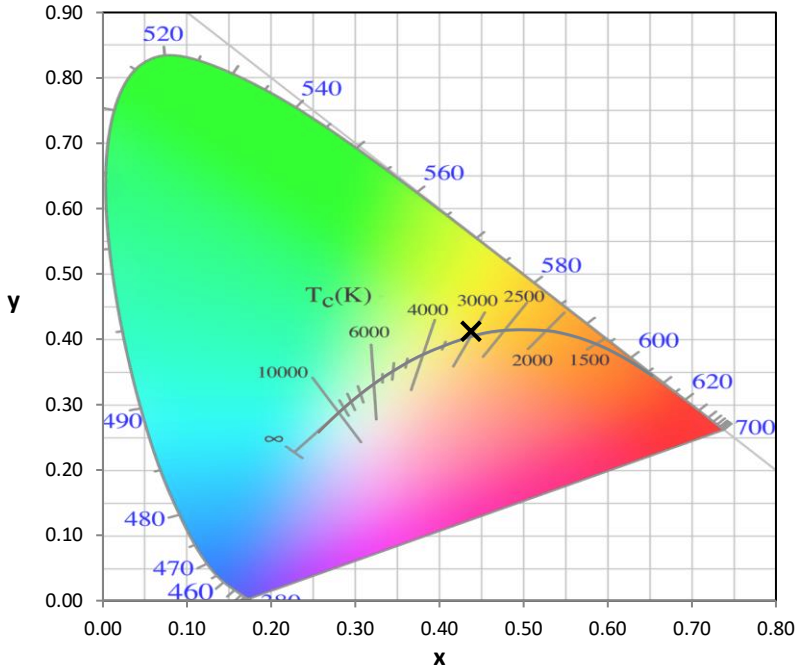
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

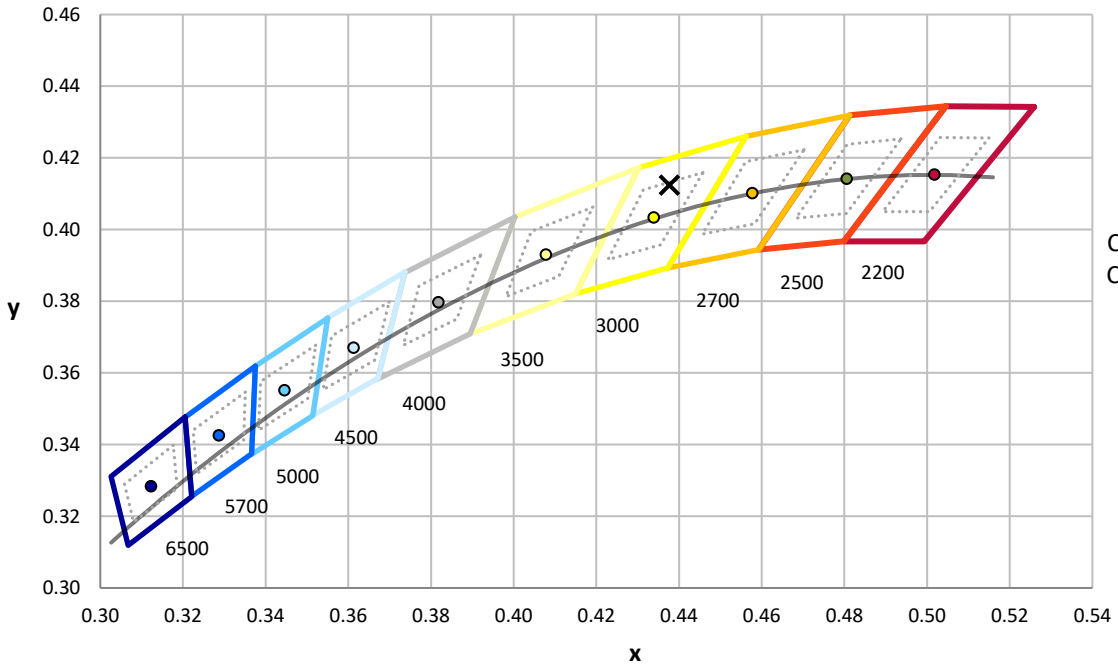
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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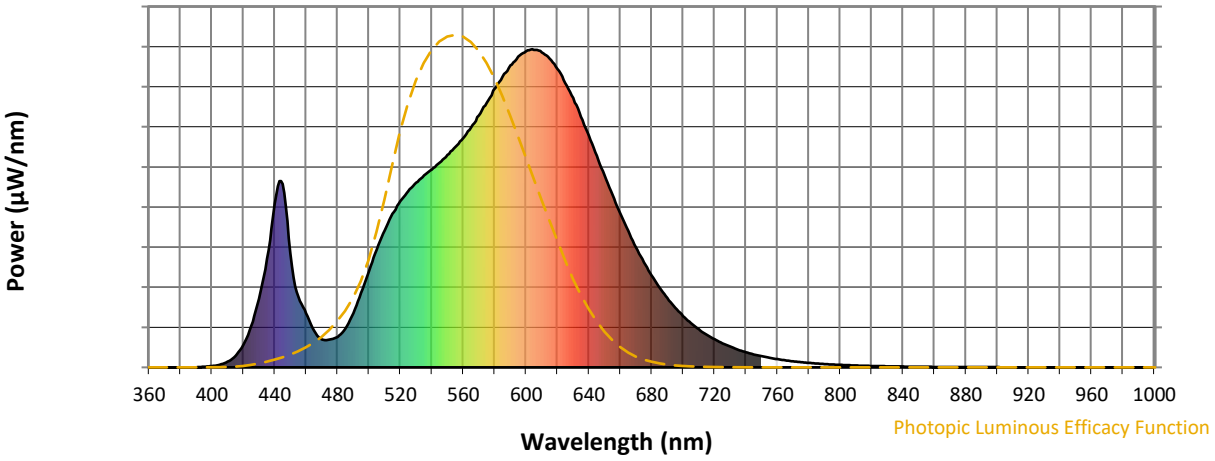
Photopic Flux vs. Wavelength



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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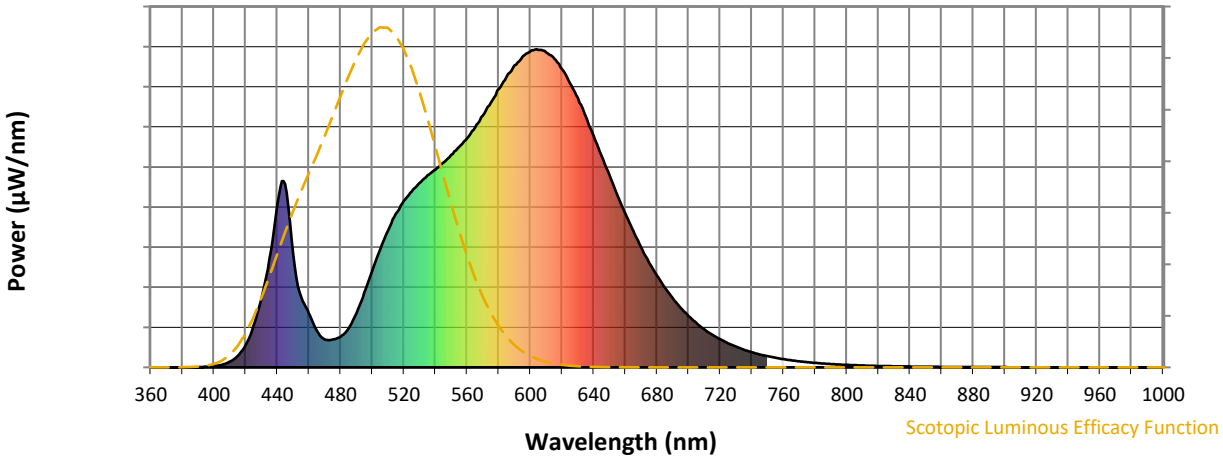
Scotopic Flux vs. Wavelength



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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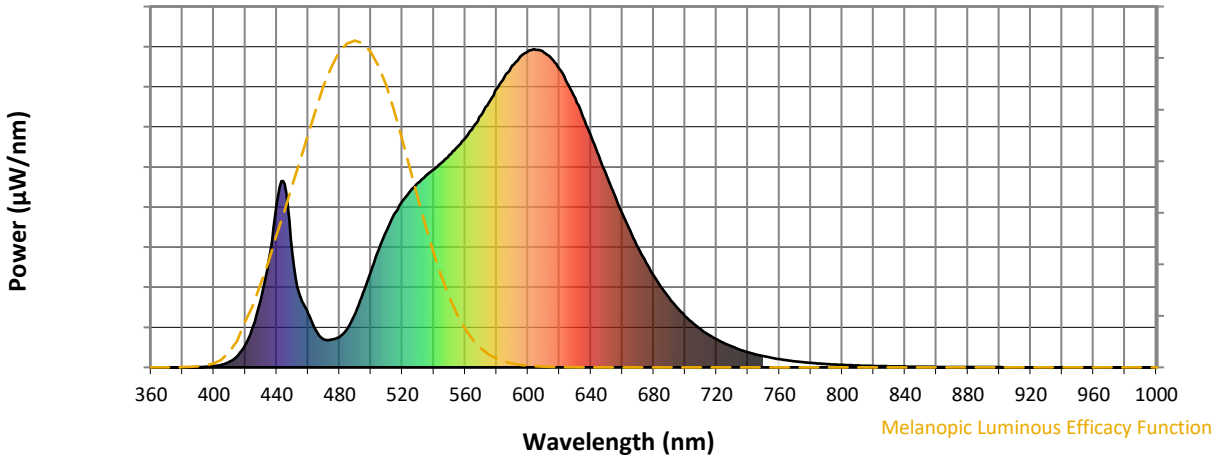
Melanopic Flux vs. Wavelength



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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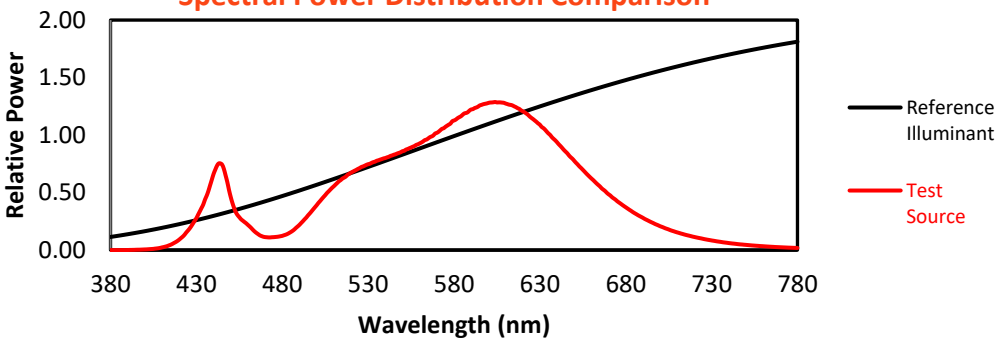
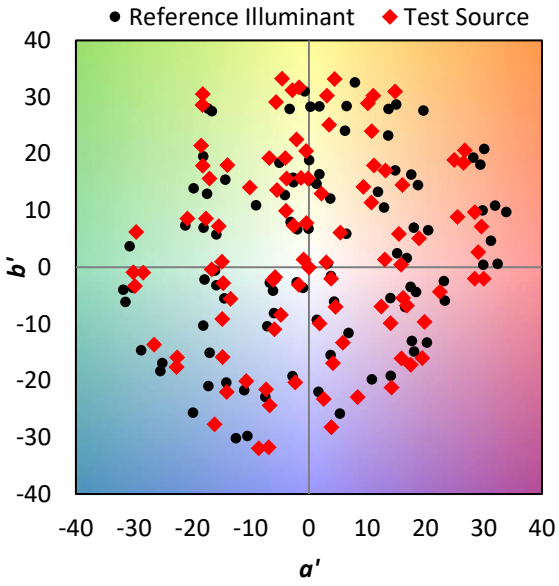
Summary

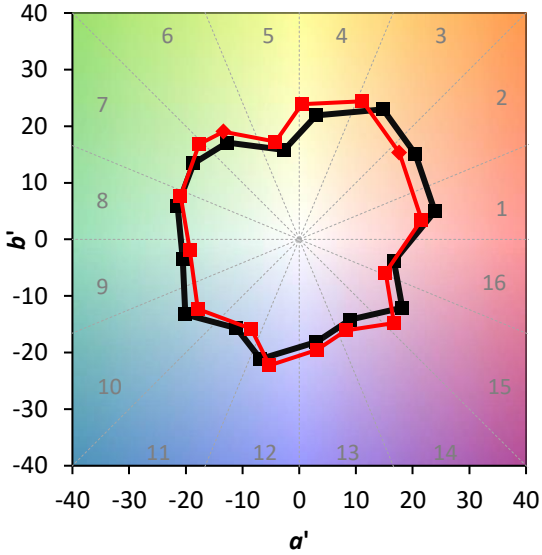
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

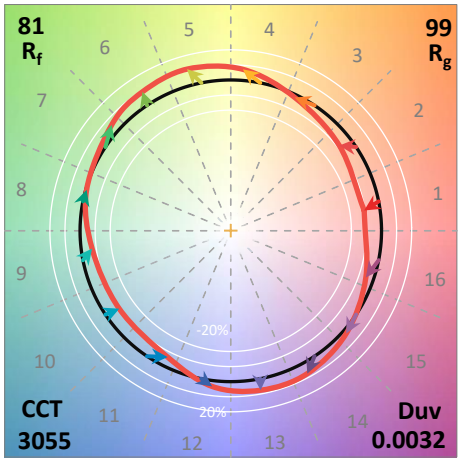
Spectral Power Distribution Comparison

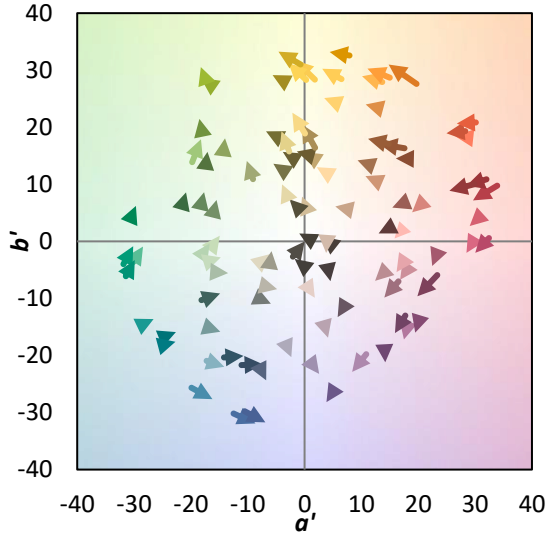


Color Vector Graphics









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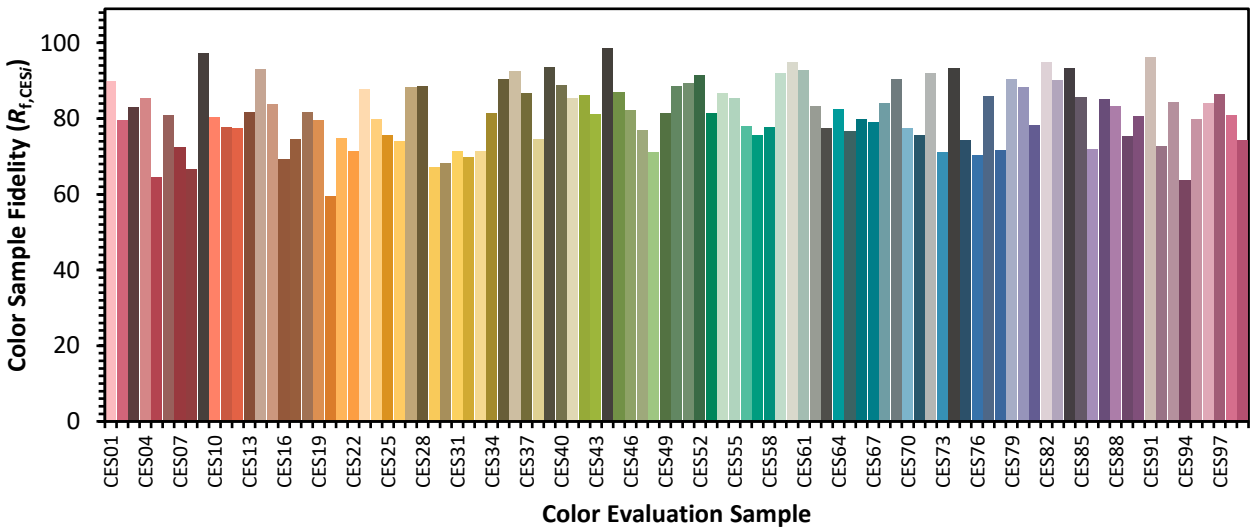
Individual Sample Fidelity Index ($R_{f,i}$)

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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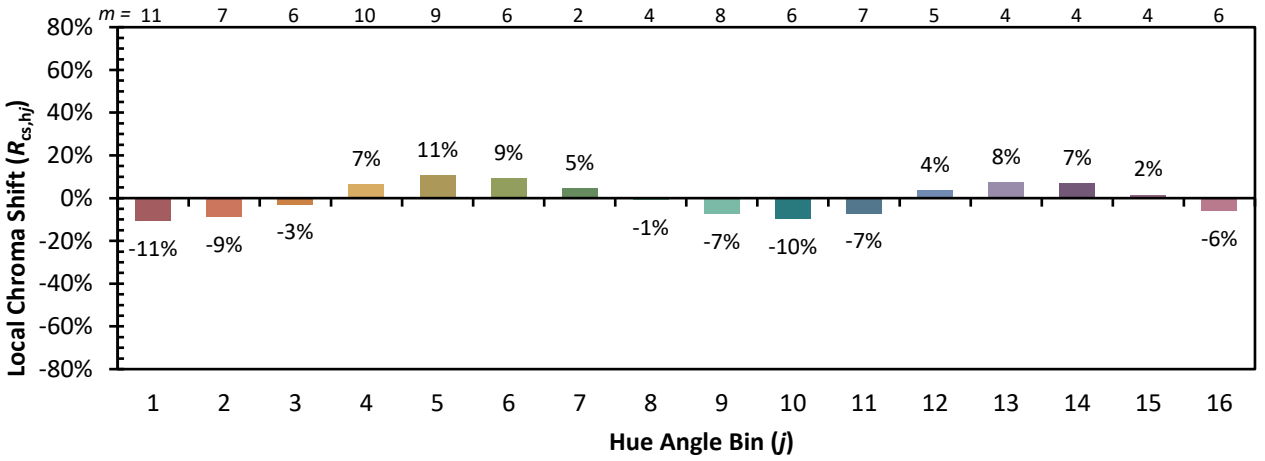
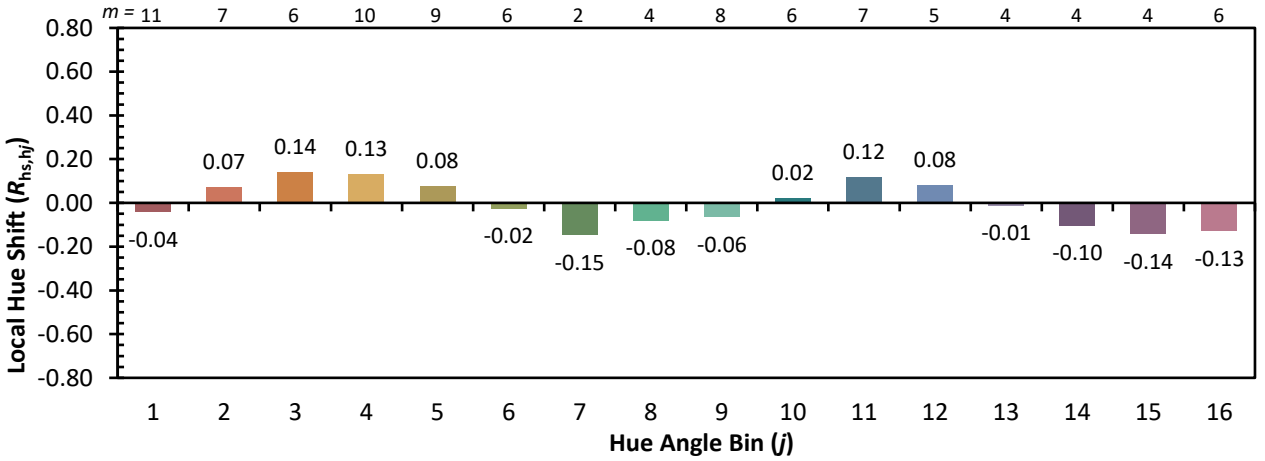
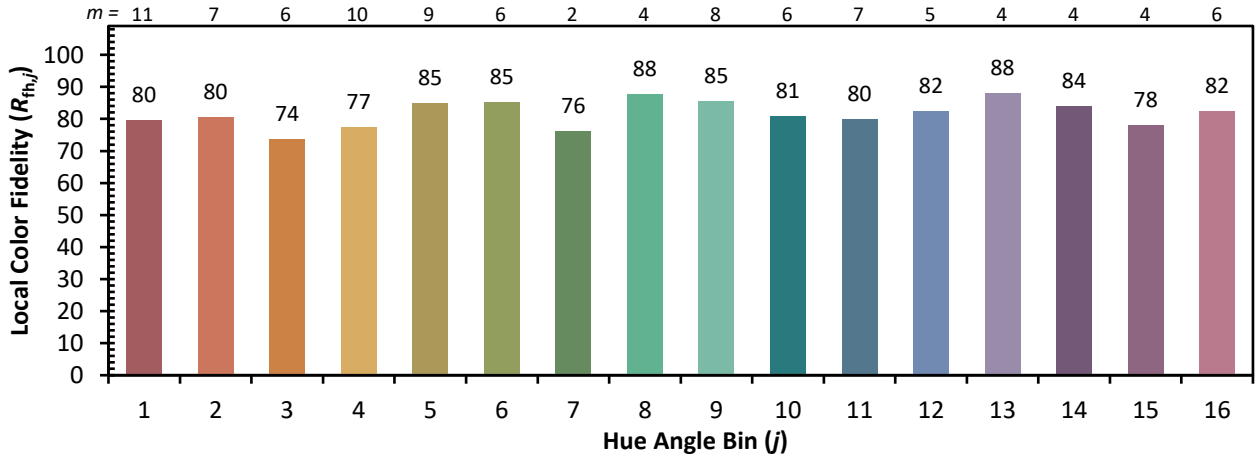
Color Rendition by Hue-Angle Bin







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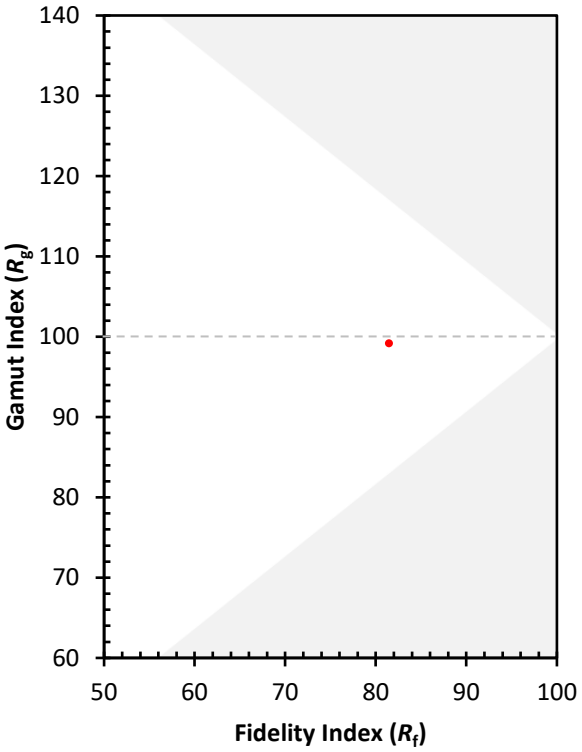
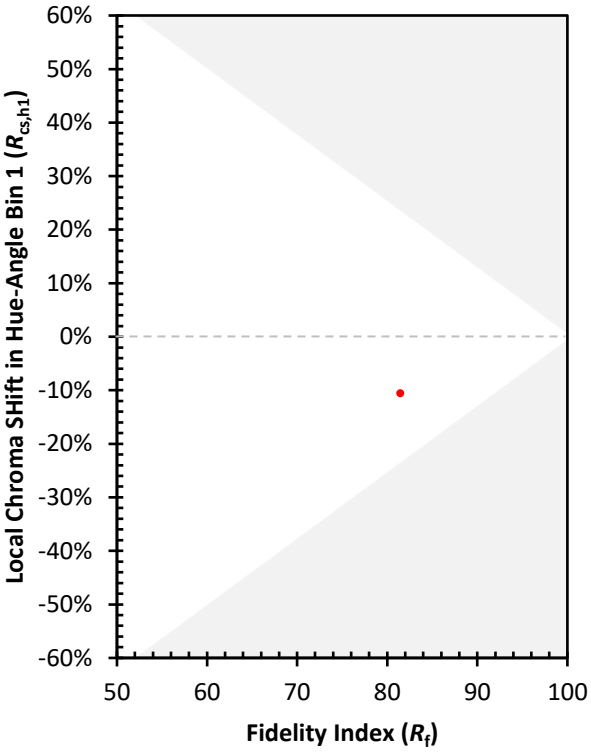
Measure Comparisons





(END OF REPORT)