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: P1458940

Luminaire Tested: GLAN-SB5B-830-U-T4LG-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:	P1458940
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB5B-830-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 5xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(130) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	18526.8 lumens
Efficiency:	N/A
Efficacy:	101.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G3

Input Watts (W):	182.7
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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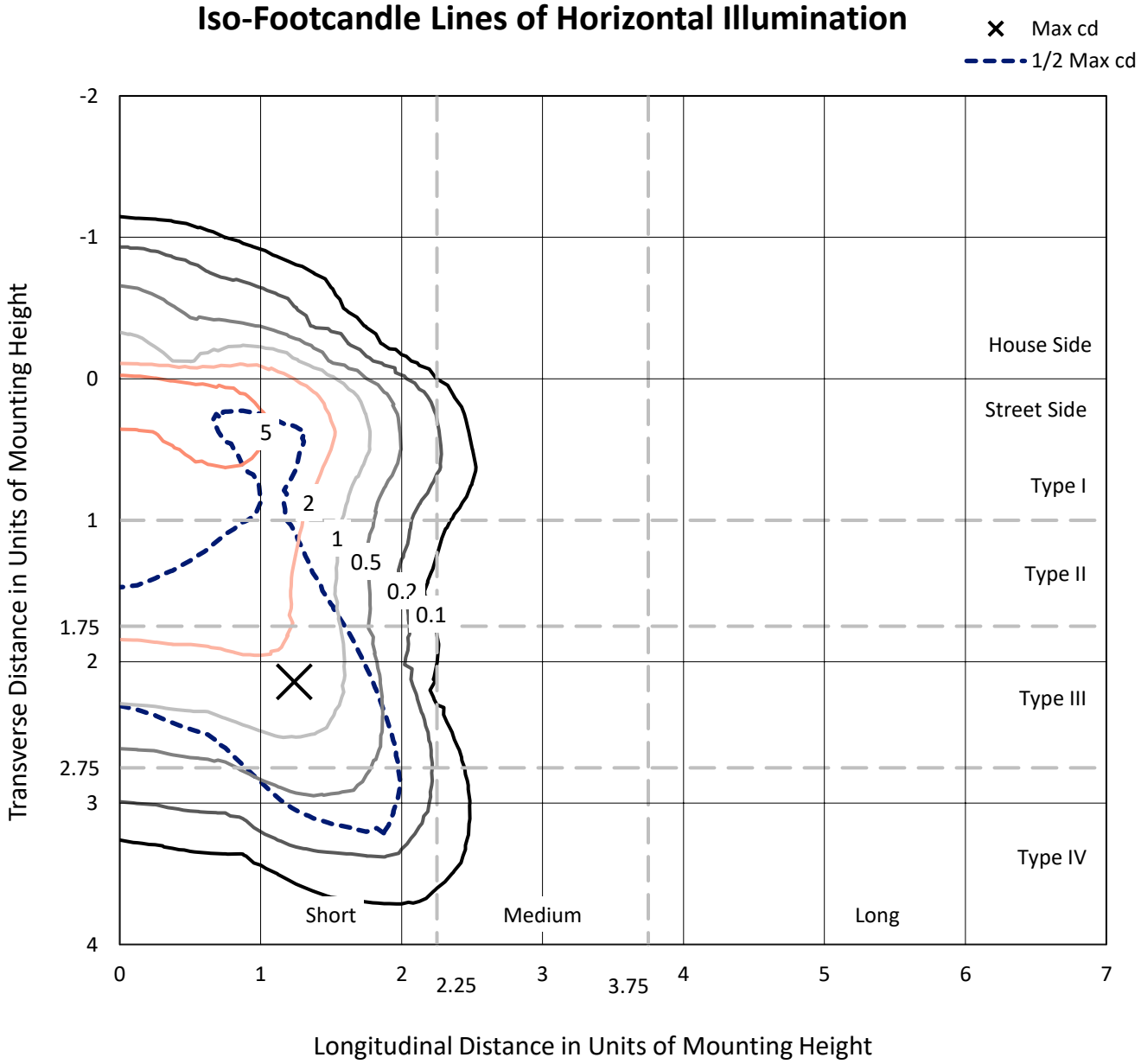
REPORT NUMBER: P1458940
CATALOG NUMBER: GLAN-SB5B-830-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 8.9 fc
Type IV - Short - N/A

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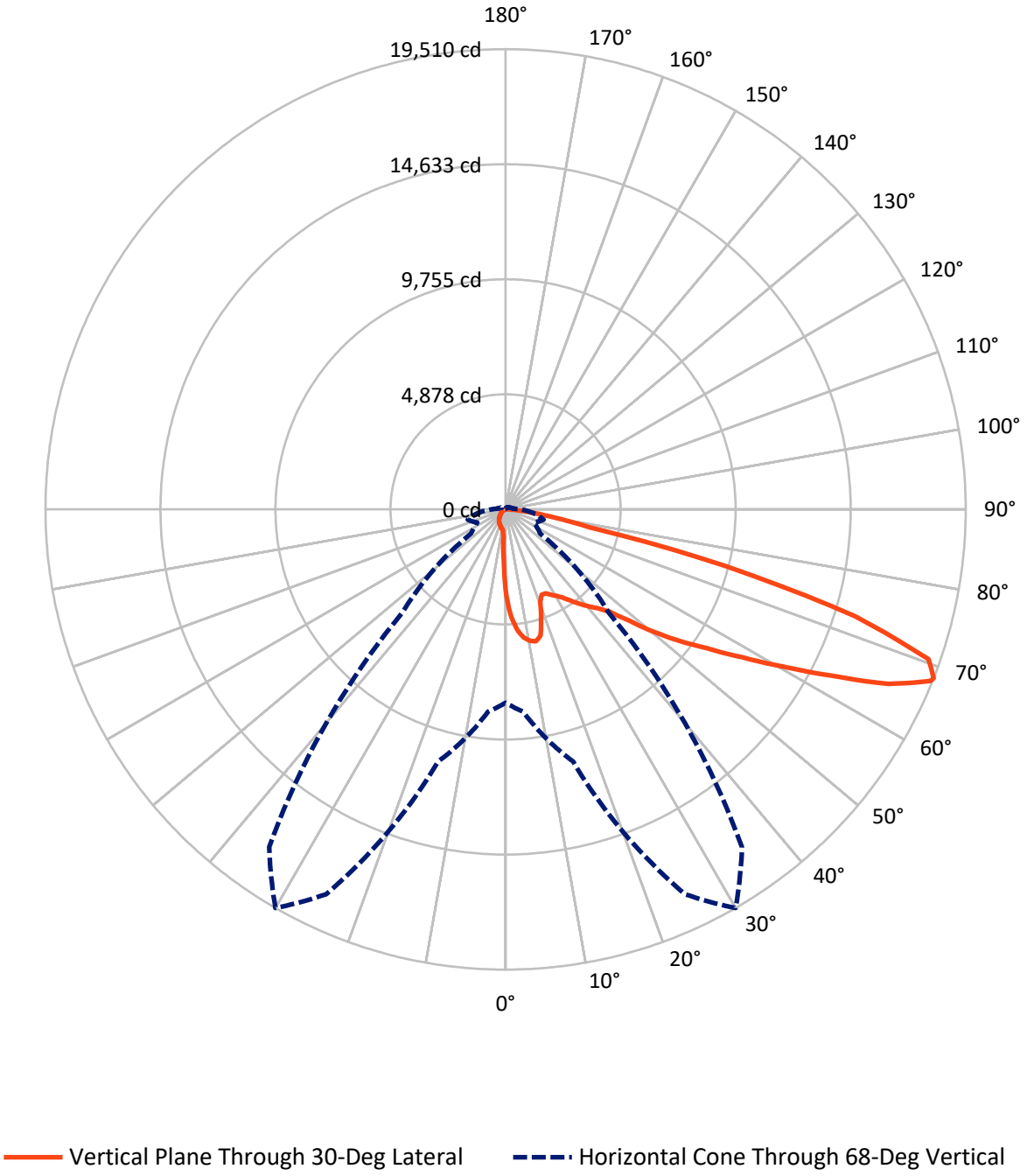
Luminous Intensity Polar Plot



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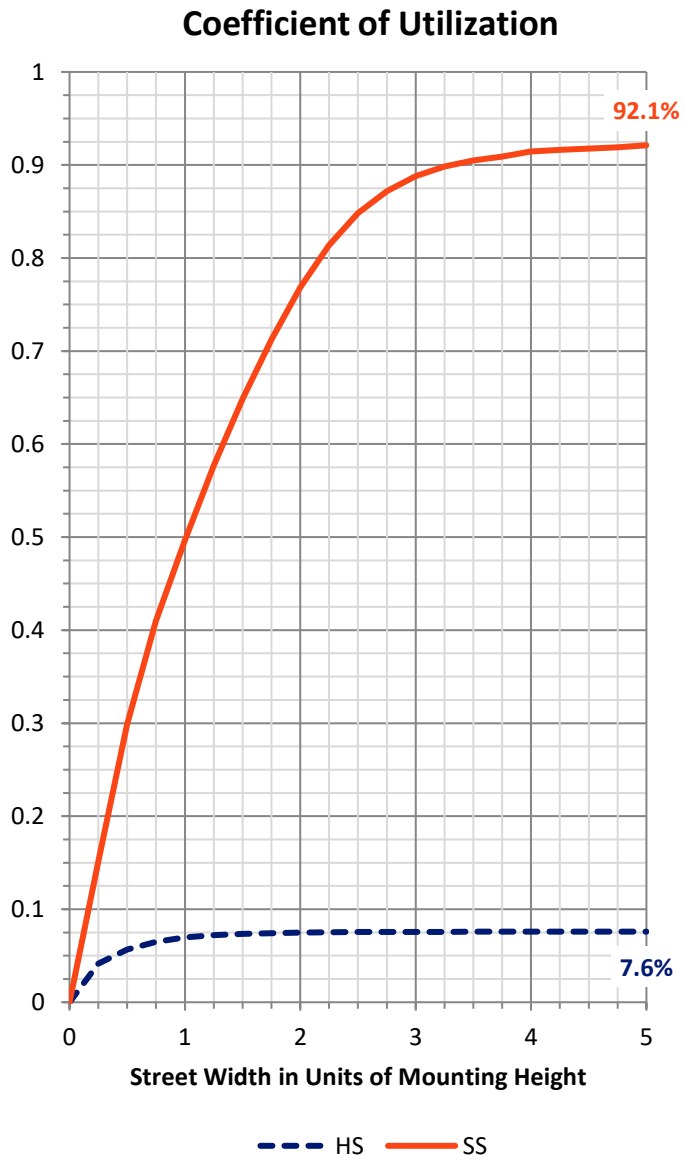
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1414.1	0.0	1414.1
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	17112.7	0.0	17112.7
	% Fixture	92.4	0.0	92.4
Total	Lumens	18526.8	0.0	18526.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	315.2	1.7
10°-20°	900.0	4.9
20°-30°	1414.3	7.6
30°-40°	2218.2	12.0
40°-50°	3315.5	17.9
50°-60°	4410.7	23.8
60°-70°	4263.8	23.0
70°-80°	1532.7	8.3
80°-90°	156.4	0.8
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°	18526.8	100.0
0°-180°	18526.8	100.0



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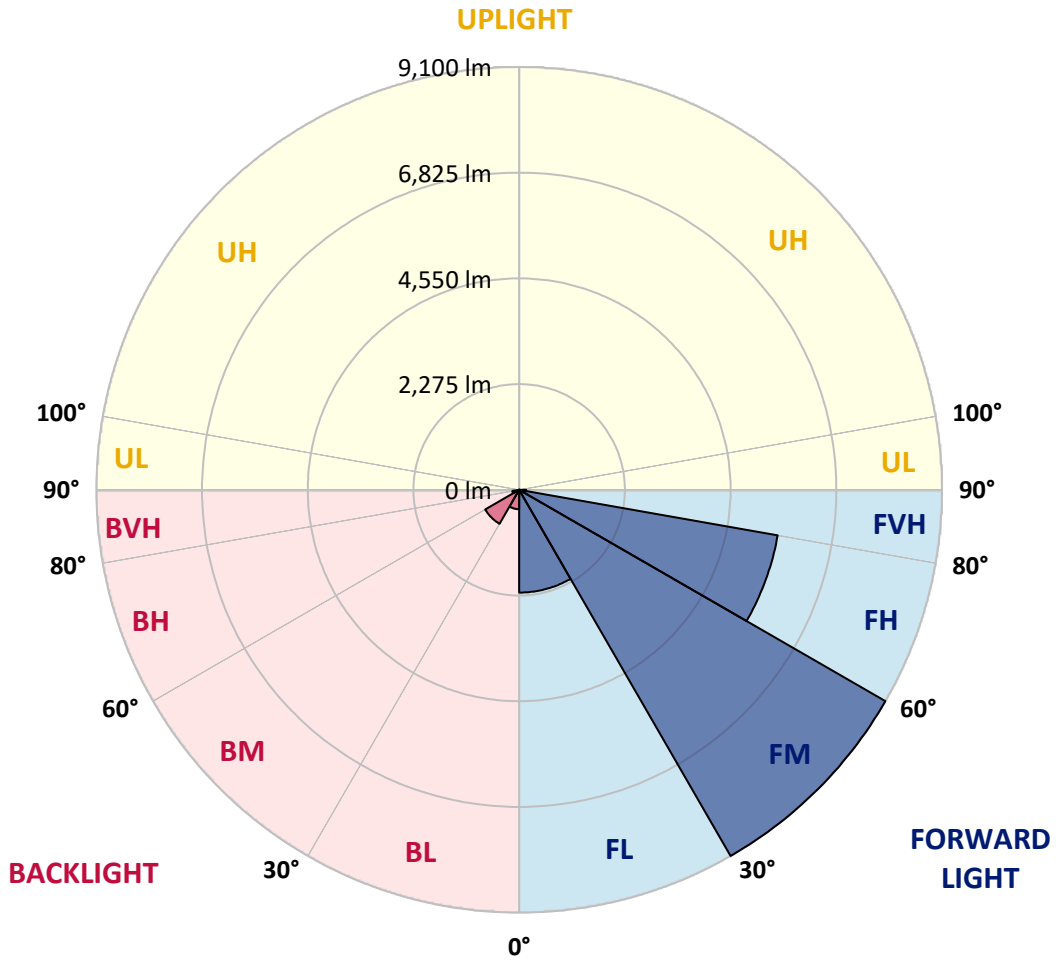
CATALOG NUMBER: GLAN-SB5B-830-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2212.1	11.9			
FM	(30°-60°)	9100.4	49.1			
FH	(60°-80°)	5649.4	30.5			G3/7500
FVH	(80°-90°)	150.9	0.8			G2/225
BL	(0°-30°)	417.4	2.3	B1/500		
BM	(30°-60°)	844.1	4.6	B1/1000		
BH	(60°-80°)	147.1	0.8	B1/500		G1/500
BVH	(80°-90°)	5.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3
Type IV Short



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REPORT NUMBER: P1458940
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	3653.3	3653.3	3653.3	3653.3	*3653.3*	3653.3	3653.3	3653.3	3653.3	3653.3	3653.3
2.5°	4669.3	4669.3	4636.0	4591.6	*4541.6*	4524.9	4430.5	4297.3	4158.5	3997.5	3764.3
5°	5268.9	5263.4	5196.7	5196.7	*5130.1*	5069.0	4974.7	4780.3	4558.2	4269.5	3864.2
7.5°	5535.4	5546.5	5518.8	5518.8	*5479.9*	5435.5	5380.0	5191.2	4930.2	4541.6	3964.2
10°	5629.8	5635.3	5635.3	5674.2	*5663.1*	5657.6	5652.0	5546.5	5274.5	4819.2	4069.7
12.5°	5402.2	5429.9	5507.7	5679.8	*5735.3*	5796.4	5879.6	5846.3	5657.6	5169.0	4230.7
15°	4669.3	4674.8	4891.4	5318.9	*5546.5*	5779.7	6101.7	6168.3	6046.2	5546.5	4397.2
17.5°	3853.1	3869.8	4041.9	4519.4	*4885.8*	5424.4	6229.4	6501.5	6457.1	5918.5	4552.7
20°	3514.5	3536.7	3619.9	3919.8	*4197.4*	4697.0	6101.7	6817.9	6834.6	6290.5	4697.0
22.5°	3436.7	3453.4	3520.0	3753.2	*3925.3*	4258.4	5668.7	7067.8	7262.1	6718.0	4869.2
25°	3414.5	3431.2	3531.1	3786.5	*3947.5*	4225.1	5274.5	7201.0	7767.3	7162.2	5035.7
27.5°	3397.9	3420.1	3581.1	3908.7	*4097.4*	4363.9	5202.3	7228.8	8250.4	7634.1	5307.8
30°	3420.1	3453.4	3664.4	4036.4	*4252.9*	4552.7	5374.4	7256.6	8783.4	8172.6	5652.0
32.5°	3508.9	3536.7	3792.1	4208.5	*4458.3*	4797.0	5668.7	7423.1	9288.6	8722.3	5979.6
35°	3608.8	3647.7	3953.1	4452.8	*4752.6*	5135.7	6068.4	7750.7	9771.6	9244.2	6318.3
37.5°	3731.0	3775.4	4141.8	4730.4	*5074.6*	5507.7	6501.5	8206.0	10199.1	9671.7	6656.9
40°	3897.6	3947.5	4358.4	5024.6	*5396.6*	5829.7	6929.0	8655.7	10526.7	9927.1	6879.0
42.5°	4552.7	4619.3	4791.4	5313.3	*5729.7*	6173.9	7350.9	9083.2	10648.9	10010.4	6923.4
45°	5774.1	5840.8	5796.4	5896.3	*6173.9*	6590.3	7811.8	9494.0	10665.5	9988.2	6901.2
47.5°	7001.2	7078.9	7040.0	6984.5	*7045.6*	7245.4	8328.1	9755.0	10576.7	9977.1	6901.2
50°	8172.6	8128.2	8133.8	8117.1	*8172.6*	8278.1	8827.8	9805.0	10554.5	10082.6	6962.3
52.5°	8800.0	8822.2	8961.0	9166.5	*9288.6*	9394.1	9399.6	9882.7	10393.5	9904.9	6890.1
55°	9416.3	9460.7	9782.7	10132.5	*10404.6*	10604.4	9971.5	9832.7	9433.0	9310.8	6512.6
57.5°	10110.3	10171.4	10626.7	11348.4	*11825.9*	11931.4	10537.8	8900.0	7983.9	8461.4	5779.7
60°	11065.3	11137.4	11742.6	12825.3	*13535.9*	13319.4	10582.2	7417.6	6340.5	7023.4	4769.2
62.5°	11814.8	11959.2	13052.9	14740.7	*15523.6*	14835.1	9755.0	5685.3	4430.5	4935.8	3481.1
65°	11015.3	11292.9	13075.1	16933.8	*17838.8*	16617.3	8455.8	3880.9	2498.4	3192.4	2226.4
67.5°	8905.5	9294.2	11609.4	17999.8	*19426.7*	17555.6	6656.9	2059.8	1432.4	1854.4	1171.5
68°	*8194.9*	*8616.8*	*11070.8*	*17999.8*	*19510.0*	*17472.4*	*6179.5*	*1782.2*	*1321.4*	*1665.6*	*1016.0*
70°	5663.1	5962.9	8511.3	16989.3	*19021.4*	15928.9	4069.7	1021.6	993.8	1143.7	671.8
72.5°	2776.0	3098.1	4552.7	13463.8	*15495.8*	12242.3	1854.4	677.4	755.1	838.4	527.4
75°	1104.9	1171.5	1793.3	6640.3	*9682.8*	7811.8	971.6	510.8	649.6	655.1	416.4
77.5°	632.9	671.8	993.8	2442.9	*3631.1*	3492.3	627.4	366.4	516.3	471.9	272.1
80°	355.3	360.9	560.8	1288.1	*2076.5*	1859.9	427.5	266.5	394.2	333.1	183.2
82.5°	177.7	199.9	355.3	710.7	*1154.8*	1182.6	227.6	188.8	316.5	238.7	149.9
85°	127.7	138.8	255.4	394.2	*533.0*	799.5	138.8	94.4	238.7	161.0	105.5
87.5°	66.6	83.3	161.0	194.3	*216.5*	272.1	66.6	44.4	133.2	94.4	55.5
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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Scaled Data Report

REPORT NUMBER: P1458940
CATALOG NUMBER: GLAN-SB5B-830-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3653.3	3653.3	3653.3	3653.3	3653.3	3653.3	3653.3	3653.3	3653.3	3653.3	3653.3
2.5°	3653.3	3525.6	3264.6	2959.3	2720.5	2476.2	2276.3	2087.6	1998.7	1987.6	2009.8
5°	3636.6	3359.0	2764.9	2182.0	1704.5	1371.4	1188.1	1093.8	1043.8	1021.6	1027.1
7.5°	3603.3	3181.3	2231.9	1476.8	1104.9	960.5	916.1	899.4	893.9	893.9	893.9
10°	3570.0	2942.6	1710.0	1082.7	905.0	866.1	855.0	855.0	849.5	849.5	855.0
12.5°	3553.3	2720.5	1326.9	905.0	843.9	827.3	816.2	810.6	810.6	810.6	816.2
15°	3514.5	2476.2	1071.5	838.4	805.0	782.8	777.3	771.7	771.7	771.7	771.7
17.5°	3481.1	2237.5	932.7	793.9	766.2	744.0	738.4	732.9	732.9	738.4	738.4
20°	3431.2	2009.8	838.4	749.5	727.3	705.1	699.6	694.0	699.6	699.6	699.6
22.5°	3370.1	1821.1	782.8	716.2	688.5	666.2	666.2	666.2	666.2	666.2	671.8
25°	3331.2	1687.8	744.0	677.4	649.6	632.9	627.4	627.4	638.5	638.5	644.0
27.5°	3392.3	1654.5	749.5	666.2	616.3	599.6	594.1	594.1	605.2	610.7	616.3
30°	3575.5	1715.6	816.2	699.6	594.1	566.3	560.8	560.8	577.4	583.0	588.5
32.5°	3786.5	1843.3	916.1	744.0	577.4	533.0	521.9	521.9	538.6	544.1	549.7
35°	4075.2	2043.2	1049.3	782.8	588.5	499.7	477.5	477.5	488.6	499.7	505.2
37.5°	4447.2	2370.7	1204.8	810.6	588.5	460.8	433.1	427.5	438.6	438.6	444.2
40°	4835.9	2798.2	1365.8	810.6	560.8	422.0	394.2	377.5	383.1	377.5	383.1
42.5°	5052.4	3142.5	1504.6	760.6	527.4	383.1	355.3	333.1	327.6	316.5	322.0
45°	5174.5	3297.9	1465.7	705.1	494.1	355.3	322.0	294.3	283.2	266.5	266.5
47.5°	5174.5	3314.6	1254.8	660.7	460.8	333.1	288.7	260.9	244.3	227.6	233.2
50°	5113.5	3164.7	993.8	616.3	422.0	310.9	260.9	238.7	216.5	205.4	205.4
52.5°	4858.1	2676.1	760.6	560.8	377.5	283.2	233.2	211.0	188.8	183.2	183.2
55°	4419.4	1965.4	616.3	505.2	338.7	260.9	211.0	194.3	172.1	161.0	161.0
57.5°	3592.2	1343.6	510.8	455.3	299.8	233.2	188.8	172.1	144.4	133.2	133.2
60°	2665.0	877.2	433.1	399.7	255.4	211.0	166.6	144.4	122.1	111.0	105.5
62.5°	1798.9	594.1	360.9	316.5	216.5	183.2	144.4	122.1	94.4	72.2	72.2
65°	1121.5	460.8	299.8	249.8	188.8	161.0	122.1	94.4	66.6	50.0	44.4
67.5°	644.0	372.0	244.3	194.3	161.0	127.7	94.4	77.7	55.5	38.9	33.3
68°	*594.1*	*355.3*	*227.6*	*183.2*	*149.9*	*122.1*	*88.8*	*72.2*	*50.0*	*33.3*	*33.3*
70°	483.0	316.5	194.3	149.9	127.7	99.9	77.7	61.1	38.9	22.2	22.2
72.5°	427.5	266.5	166.6	116.6	88.8	83.3	61.1	44.4	27.8	16.7	11.1
75°	349.8	211.0	133.2	88.8	61.1	61.1	44.4	27.8	11.1	0.0	0.0
77.5°	227.6	155.5	105.5	55.5	33.3	38.9	27.8	11.1	0.0	0.0	0.0
80°	149.9	116.6	72.2	27.8	16.7	16.7	5.6	0.0	0.0	0.0	0.0
82.5°	105.5	77.7	44.4	11.1	5.6	5.6	0.0	0.0	0.0	0.0	0.0
85°	66.6	33.3	16.7	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	27.8	11.1	5.6	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

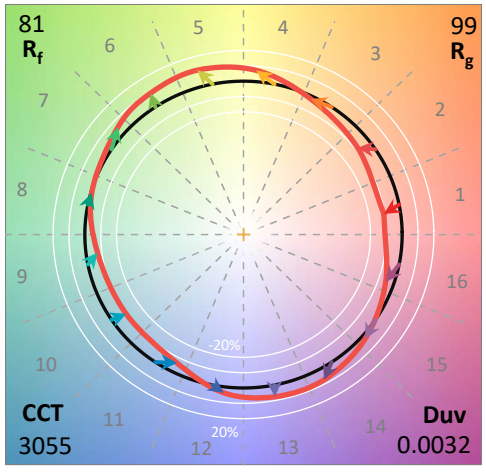
Test Information

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

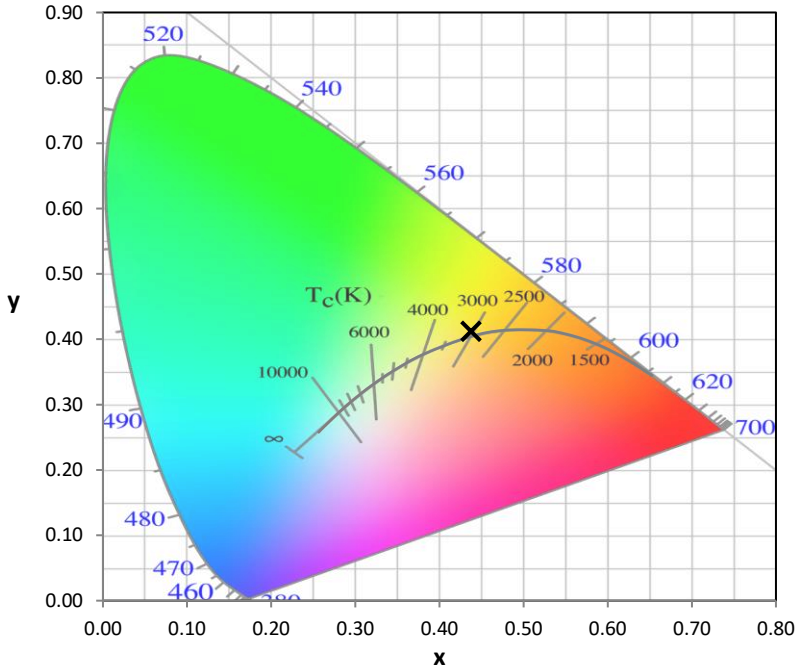
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

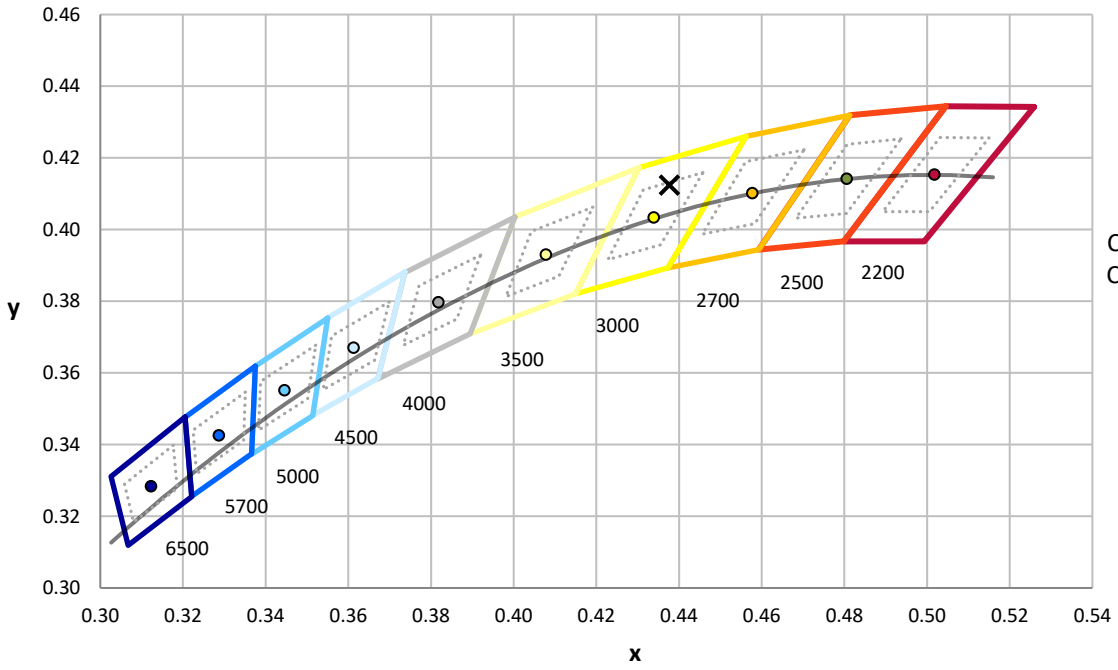
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

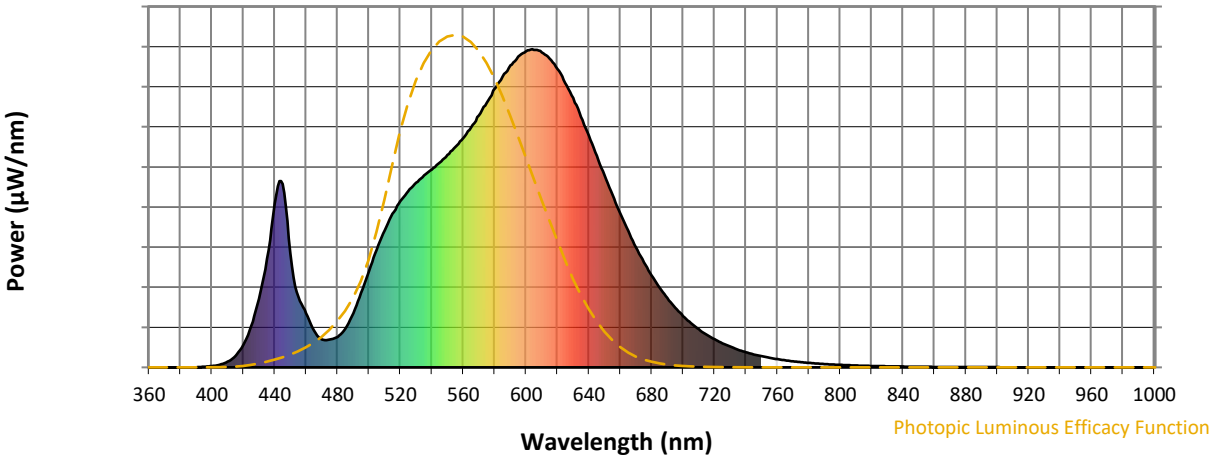


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

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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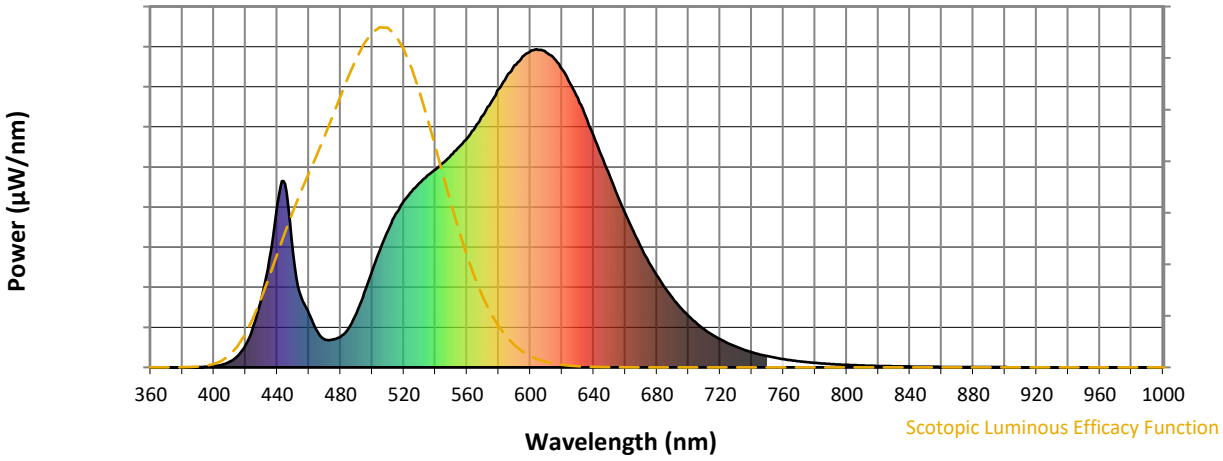
Scotopic Flux vs. Wavelength



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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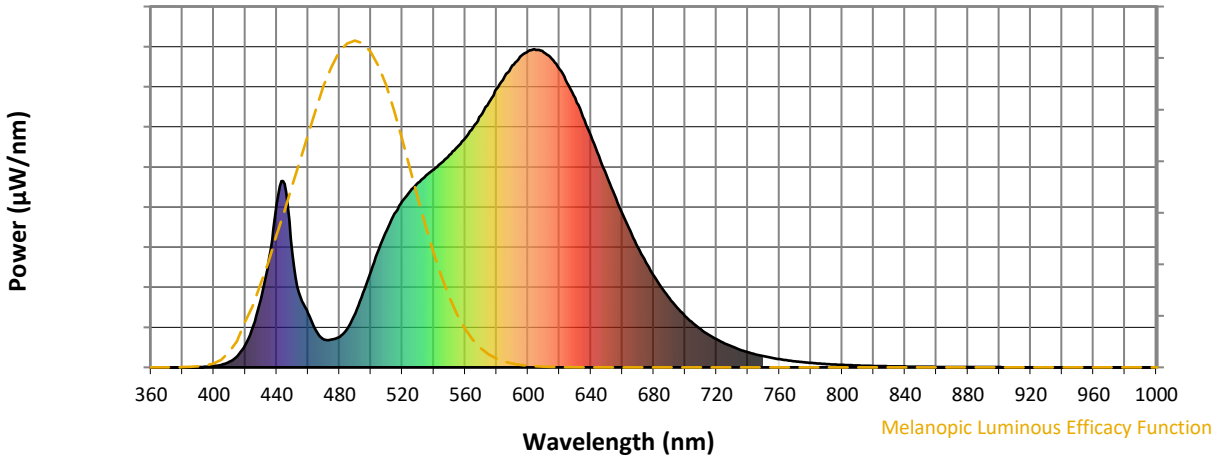
Melanopic Flux vs. Wavelength



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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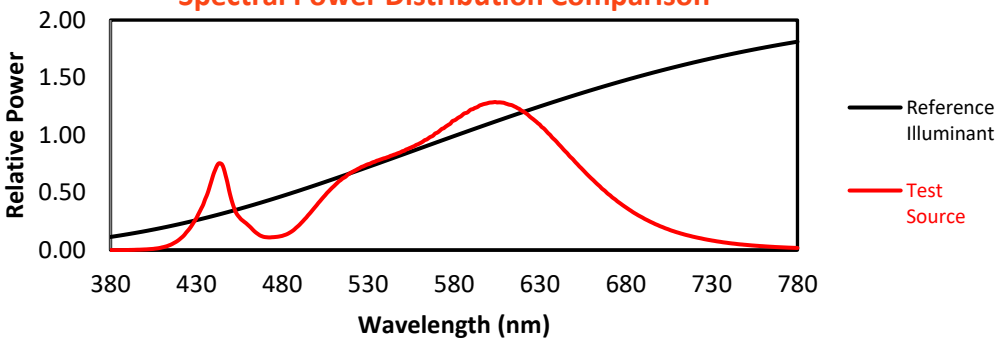
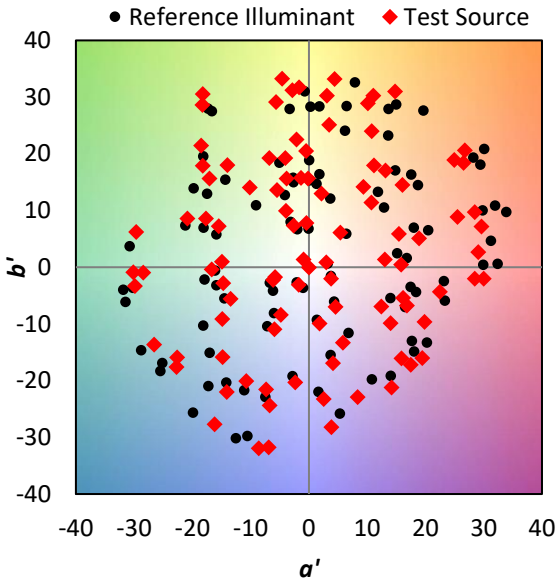
Summary

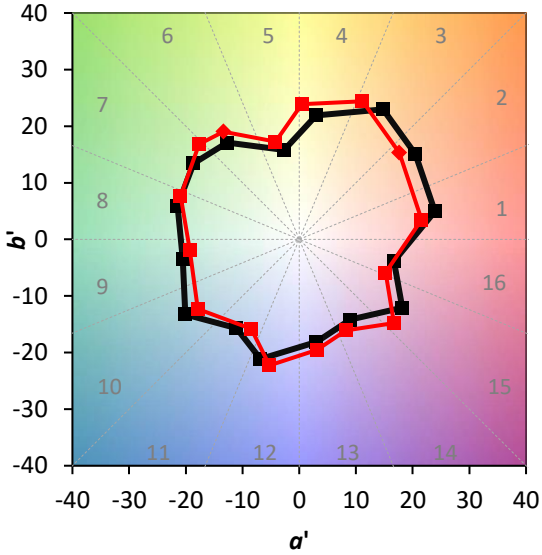
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

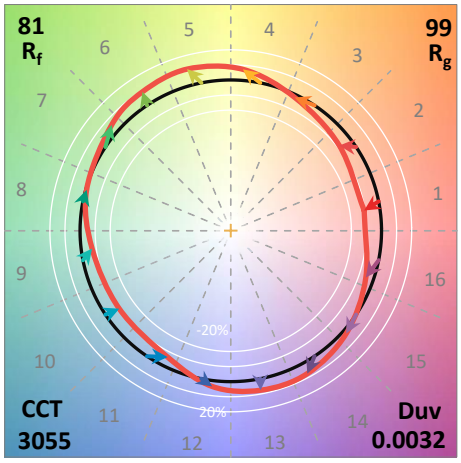
Spectral Power Distribution Comparison

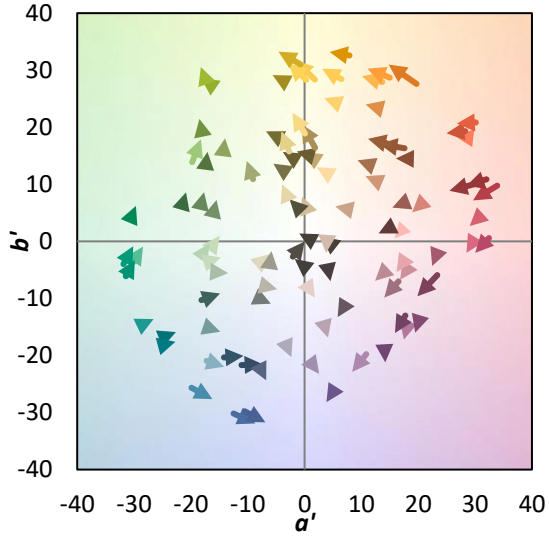


Color Vector Graphics









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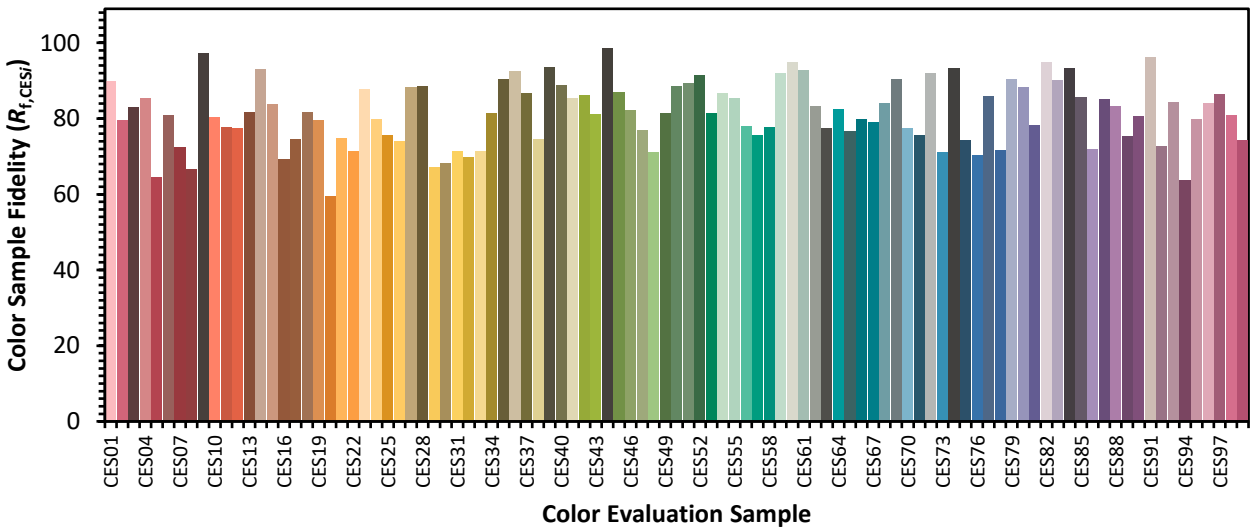
Individual Sample Fidelity Index ($R_{f,i}$)

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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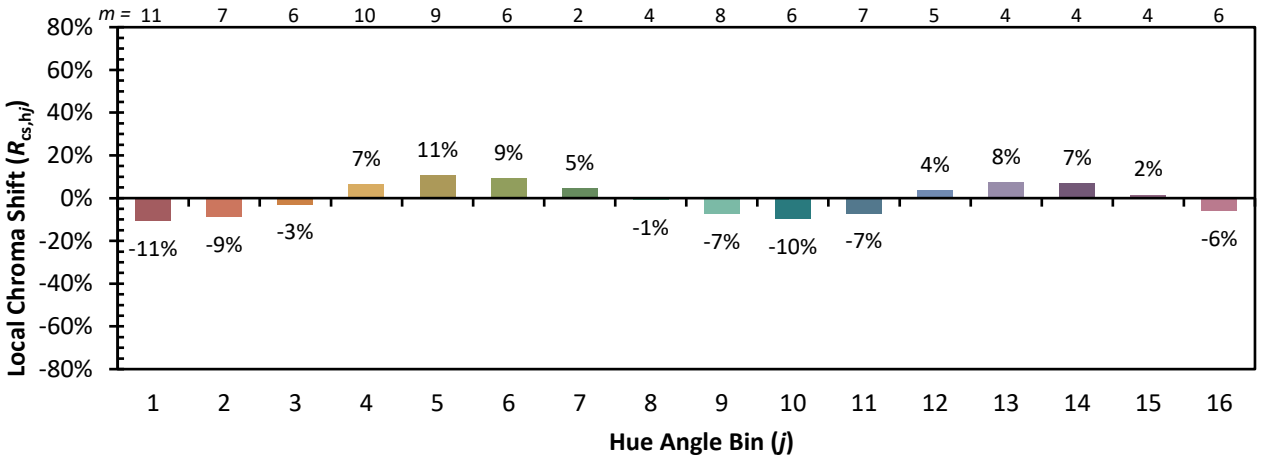
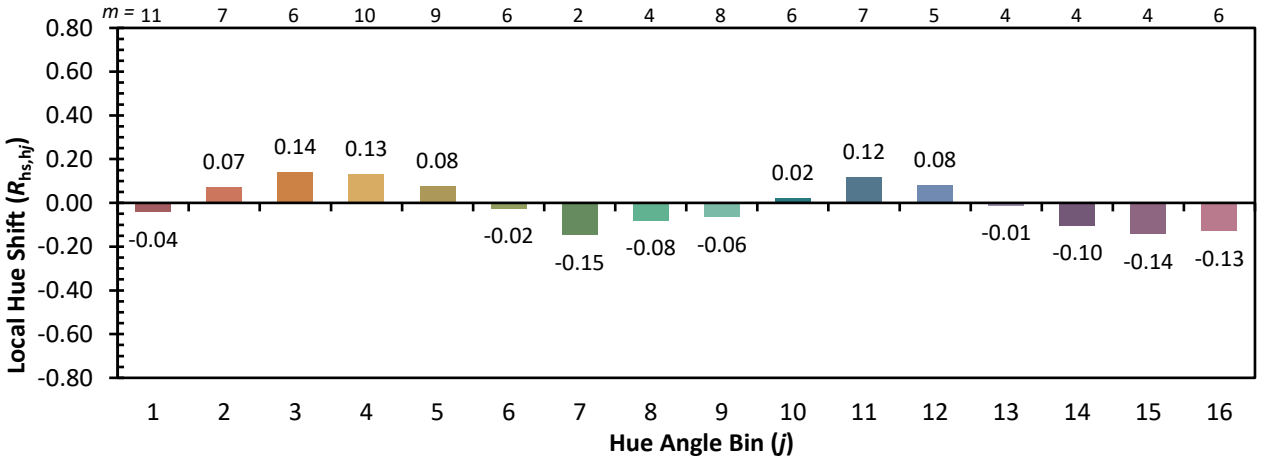
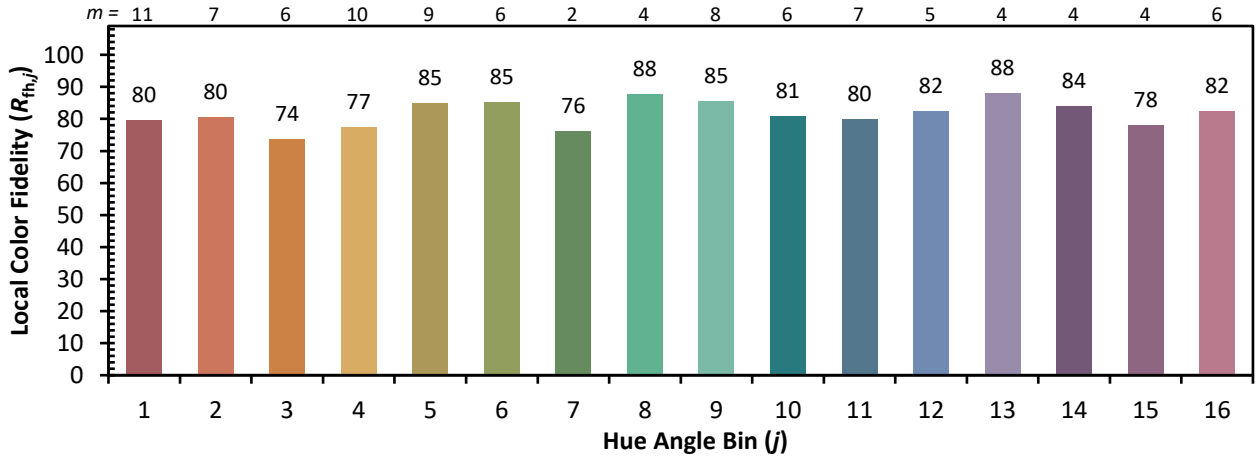
Color Rendition by Hue-Angle Bin







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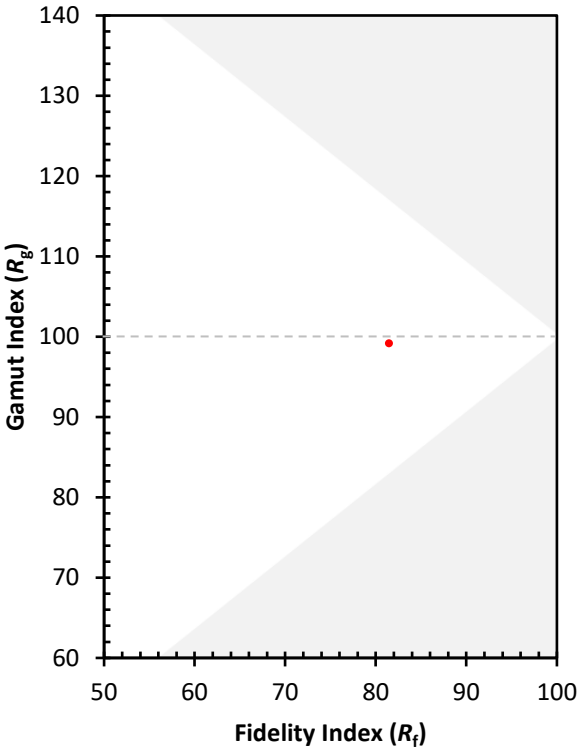
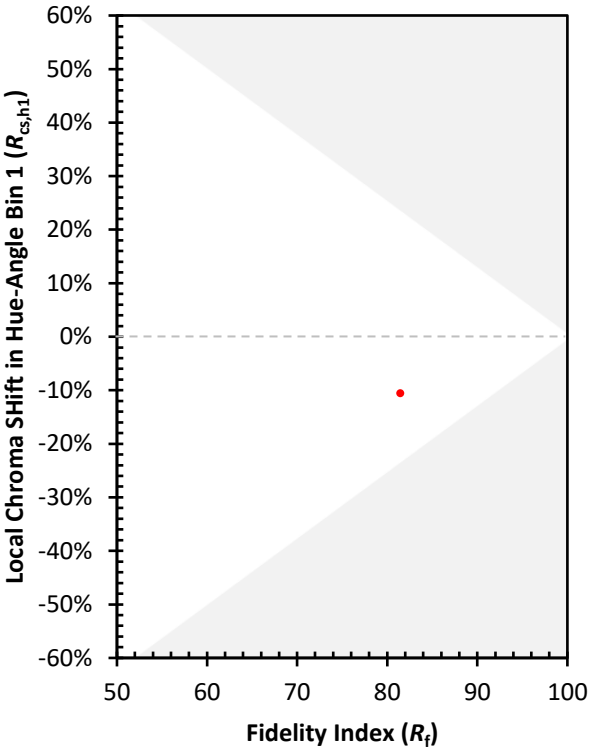
Measure Comparisons





(END OF REPORT)