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: P1458938

Luminaire Tested: GLAN-SB4D-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:	P1458938
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4D-830-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 4xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE IV 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:	26563.2 lumens
Efficiency:	N/A
Efficacy:	90.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - 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: P1458938
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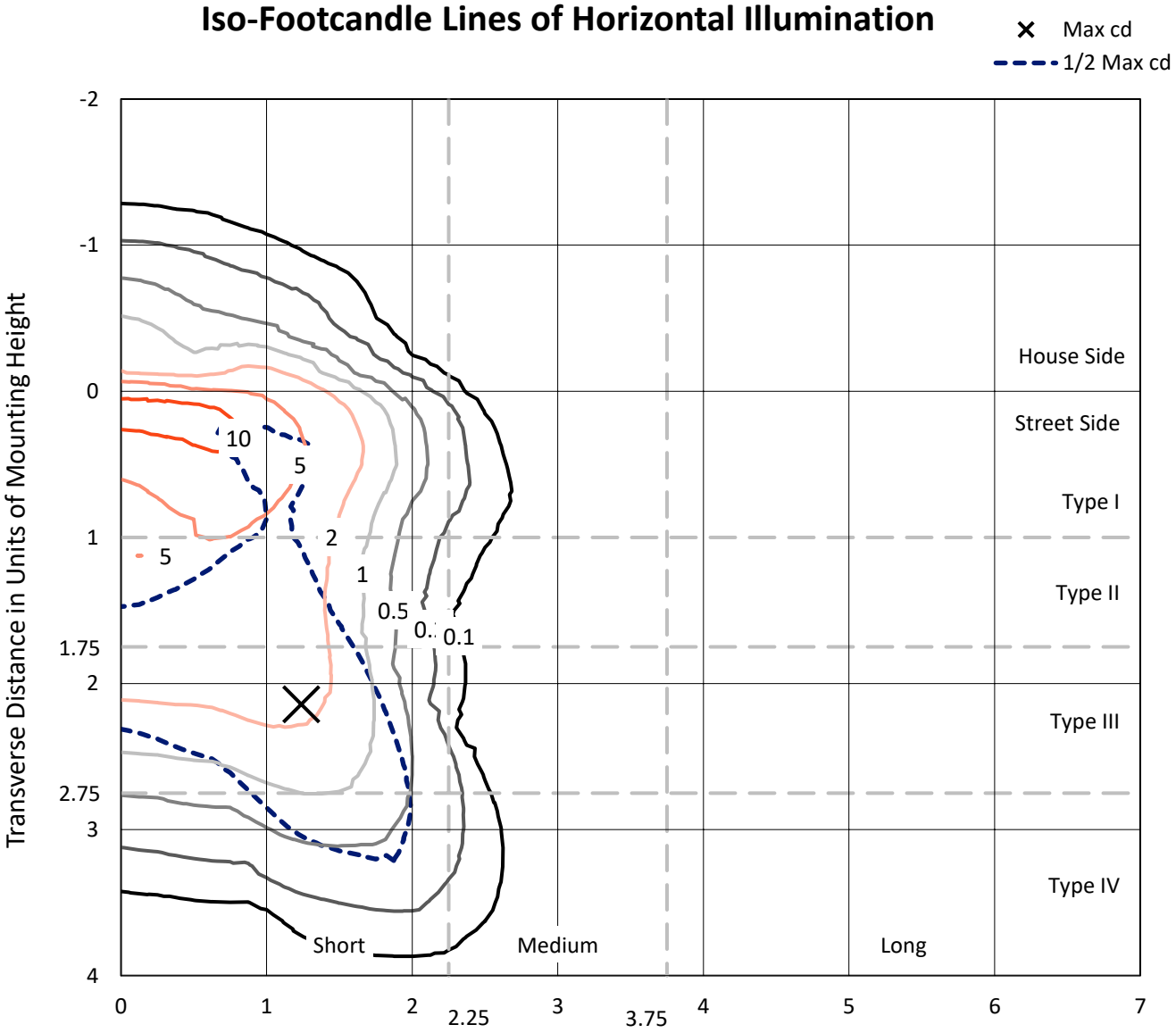
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 12.8 fc
Type IV - Short - N/A

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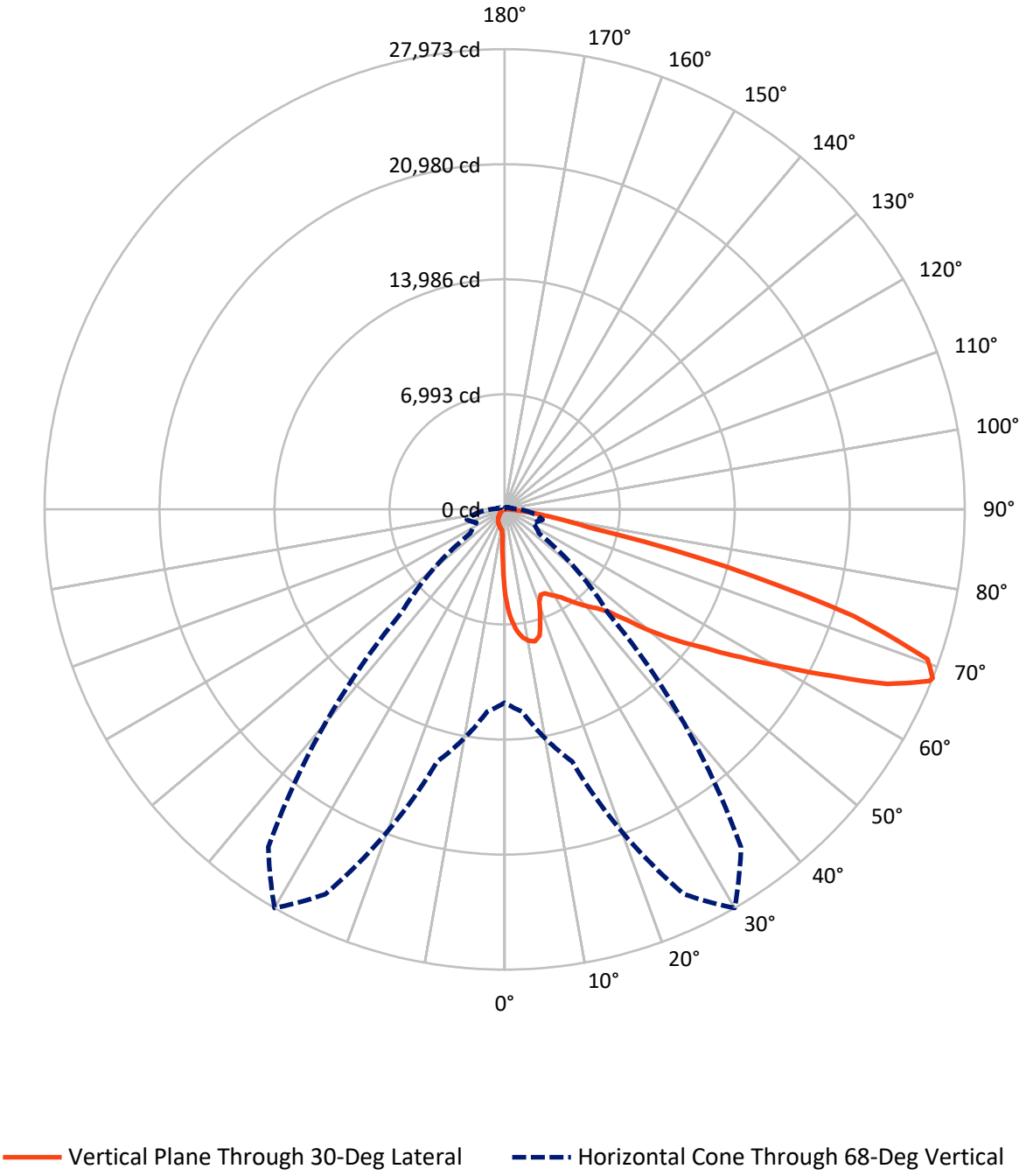
Luminous Intensity Polar Plot



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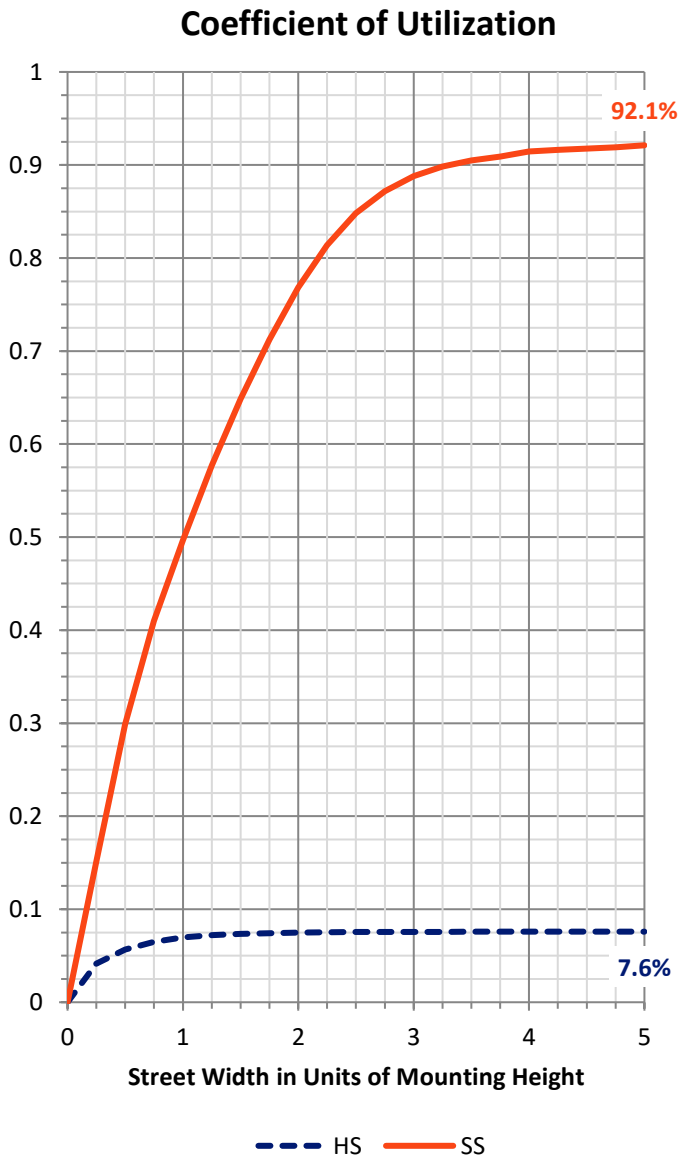
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2027.5	0.0	2027.5
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	24535.7	0.0	24535.7
	% Fixture	92.4	0.0	92.4
Total	Lumens	26563.2	0.0	26563.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	452.0	1.7
10°-20°	1290.4	4.9
20°-30°	2027.7	7.6
30°-40°	3180.4	12.0
40°-50°	4753.7	17.9
50°-60°	6324.0	23.8
60°-70°	6113.3	23.0
70°-80°	2197.5	8.3
80°-90°	224.3	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°	26563.2	100.0
0°-180°	26563.2	100.0



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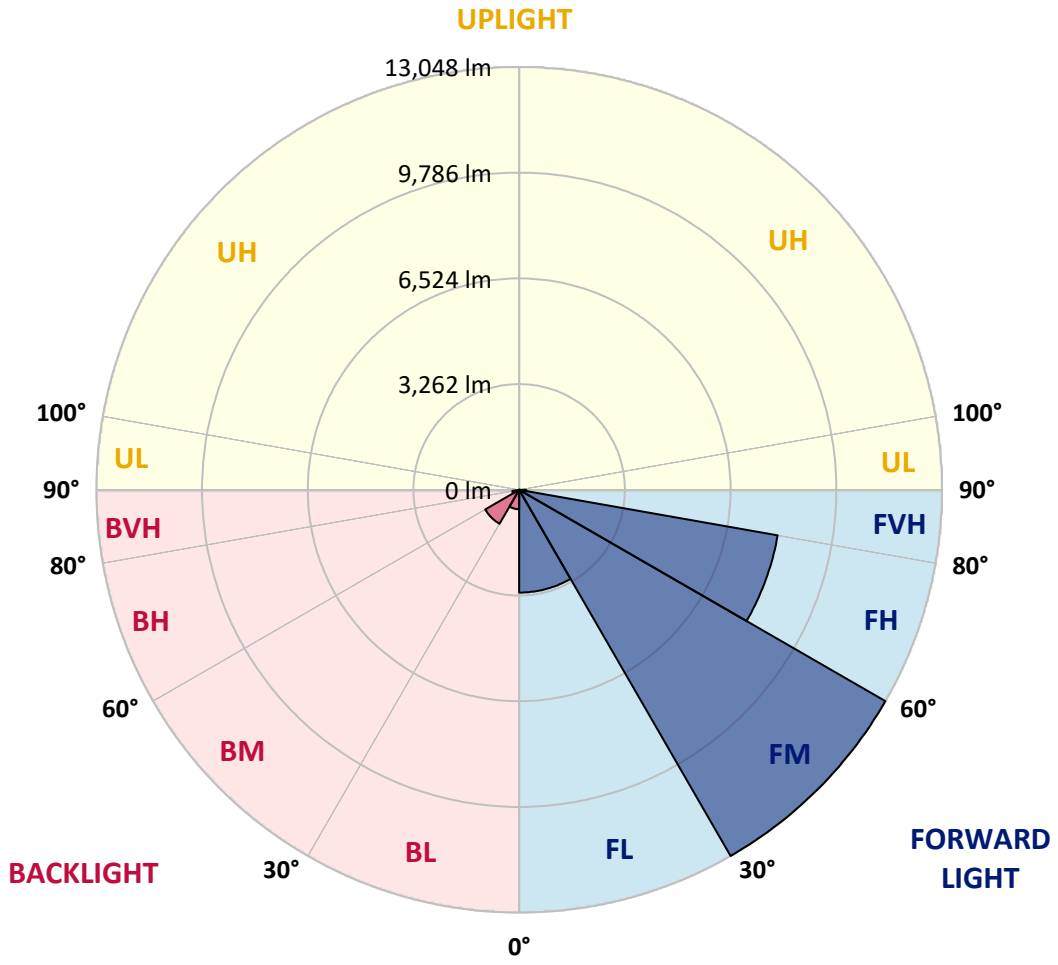
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3171.6	11.9			
FM	(30°-60°)	13047.8	49.1			
FH	(60°-80°)	8099.9	30.5			G4/12000
FVH	(80°-90°)	216.3	0.8			G2/225
BL	(0°-30°)	598.4	2.3	B2/1000		
BM	(30°-60°)	1210.2	4.6	B2/2500		
BH	(60°-80°)	210.9	0.8	B1/500		G1/500
BVH	(80°-90°)	8.0	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 IV Short



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REPORT NUMBER: P1458938
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	5237.9	5237.9	5237.9	5237.9	5237.9	5237.9	5237.9	5237.9	5237.9	5237.9	5237.9
2.5°	6694.7	6694.7	6646.9	6583.2	6511.6	6487.7	6352.4	6161.3	5962.3	5731.5	5397.1
5°	7554.4	7546.5	7450.9	7450.9	7355.4	7267.8	7132.5	6853.9	6535.5	6121.5	5540.4
7.5°	7936.5	7952.4	7912.6	7912.6	7856.9	7793.2	7713.6	7443.0	7068.8	6511.6	5683.7
10°	8071.8	8079.8	8079.8	8135.5	8119.6	8111.6	8103.7	7952.4	7562.4	6909.6	5835.0
12.5°	7745.5	7785.3	7896.7	8143.5	8223.1	8310.7	8430.1	8382.3	8111.6	7411.1	6065.8
15°	6694.7	6702.7	7013.1	7626.1	7952.4	8286.8	8748.5	8844.0	8668.9	7952.4	6304.6
17.5°	5524.5	5548.4	5795.2	6479.8	7005.1	7777.3	8931.6	9321.6	9257.9	8485.8	6527.5
20°	5038.9	5070.8	5190.2	5620.0	6018.1	6734.5	8748.5	9775.4	9799.2	9019.1	6734.5
22.5°	4927.5	4951.4	5046.9	5381.2	5628.0	6105.6	8127.6	10133.6	10412.2	9632.1	6981.3
25°	4895.6	4919.5	5062.8	5429.0	5659.8	6057.9	7562.4	10324.6	11136.6	10268.9	7220.1
27.5°	4871.8	4903.6	5134.5	5604.1	5874.8	6256.9	7458.9	10364.4	11829.1	10945.5	7610.1
30°	4903.6	4951.4	5253.9	5787.2	6097.7	6527.5	7705.7	10404.2	12593.3	11717.7	8103.7
32.5°	5031.0	5070.8	5436.9	6034.0	6392.2	6877.8	8127.6	10643.0	13317.7	12505.8	8573.3
35°	5174.3	5230.0	5667.8	6384.2	6814.1	7363.4	8700.7	11112.7	14010.3	13254.1	9058.9
37.5°	5349.4	5413.1	5938.5	6782.3	7275.8	7896.7	9321.6	11765.5	14623.2	13867.0	9544.5
40°	5588.2	5659.8	6248.9	7204.2	7737.5	8358.4	9934.6	12410.3	15092.9	14233.2	9862.9
42.5°	6527.5	6623.0	6869.8	7618.1	8215.1	8852.0	10539.6	13023.2	15268.0	14352.6	9926.6
45°	8278.8	8374.3	8310.7	8453.9	8852.0	9449.0	11200.3	13612.3	15291.9	14320.8	9894.8
47.5°	10038.1	10149.5	10093.8	10014.2	10101.7	10388.3	11940.6	13986.4	15164.6	14304.8	9894.8
50°	11717.7	11654.0	11662.0	11638.1	11717.7	11868.9	12657.0	14058.1	15132.7	14456.1	9982.3
52.5°	12617.2	12649.1	12848.1	13142.6	13317.7	13469.0	13476.9	14169.5	14901.9	14201.3	9878.9
55°	13500.8	13564.5	14026.2	14527.7	14917.8	15204.4	14296.9	14097.9	13524.7	13349.6	9337.5
57.5°	14495.9	14583.4	15236.2	16271.0	16955.6	17106.9	15108.8	12760.5	11447.0	12131.6	8286.8
60°	15865.1	15968.6	16836.2	18388.5	19407.4	19097.0	15172.5	10635.1	9090.8	10069.9	6838.0
62.5°	16939.7	17146.7	18714.9	21134.8	22257.3	21270.2	13986.4	8151.4	6352.4	7076.8	4991.2
65°	15793.4	16191.4	18746.7	24279.2	25576.7	23825.5	12123.7	5564.3	3582.2	4577.2	3192.1
67.5°	12768.5	13325.7	16645.2	25807.6	27853.4	25170.8	9544.5	2953.3	2053.8	2658.8	1679.6
68°	11749.5	12354.5	15873.0	25807.6	27972.8	25051.4	8859.9	2555.3	1894.6	2388.1	1456.8
70°	8119.6	8549.5	12203.3	24358.8	27272.3	22838.4	5835.0	1464.7	1424.9	1639.8	963.2
72.5°	3980.2	4441.9	6527.5	19304.0	22217.5	17552.7	2658.8	971.2	1082.6	1202.0	756.2
75°	1584.1	1679.6	2571.2	9520.6	13882.9	11200.3	1393.1	732.4	931.4	939.3	597.0
77.5°	907.5	963.2	1424.9	3502.6	5206.1	5007.1	899.5	525.4	740.3	676.6	390.1
80°	509.5	517.4	804.0	1846.8	2977.2	2666.7	613.0	382.1	565.2	477.6	262.7
82.5°	254.7	286.6	509.5	1018.9	1655.8	1695.6	326.4	270.7	453.7	342.3	214.9
85°	183.1	199.0	366.2	565.2	764.2	1146.3	199.0	135.3	342.3	230.9	151.2
87.5°	95.5	119.4	230.9	278.6	310.5	390.1	95.5	63.7	191.0	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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CATALOG NUMBER: GLAN-SB4D-830-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5237.9	5237.9	5237.9	5237.9	5237.9	5237.9	5237.9	5237.9	5237.9	5237.9	5237.9
2.5°	5237.9	5054.9	4680.7	4242.9	3900.6	3550.3	3263.8	2993.1	2865.7	2849.8	2881.7
5°	5214.1	4816.0	3964.3	3128.4	2443.8	1966.2	1703.5	1568.2	1496.6	1464.7	1472.7
7.5°	5166.3	4561.3	3200.1	2117.5	1584.1	1377.1	1313.5	1289.6	1281.6	1281.6	1281.6
10°	5118.5	4219.0	2451.8	1552.3	1297.5	1241.8	1225.9	1225.9	1217.9	1217.9	1225.9
12.5°	5094.7	3900.6	1902.5	1297.5	1210.0	1186.1	1170.2	1162.2	1162.2	1162.2	1170.2
15°	5038.9	3550.3	1536.4	1202.0	1154.3	1122.4	1114.5	1106.5	1106.5	1106.5	1106.5
17.5°	4991.2	3208.0	1337.3	1138.3	1098.5	1066.7	1058.7	1050.8	1050.8	1058.7	1058.7
20°	4919.5	2881.7	1202.0	1074.7	1042.8	1011.0	1003.0	995.0	1003.0	1003.0	1003.0
22.5°	4832.0	2611.0	1122.4	1026.9	987.1	955.2	955.2	955.2	955.2	955.2	963.2
25°	4776.2	2420.0	1066.7	971.2	931.4	907.5	899.5	899.5	915.4	915.4	923.4
27.5°	4863.8	2372.2	1074.7	955.2	883.6	859.7	851.8	851.8	867.7	875.6	883.6
30°	5126.5	2459.8	1170.2	1003.0	851.8	812.0	804.0	804.0	827.9	835.8	843.8
32.5°	5429.0	2642.9	1313.5	1066.7	827.9	764.2	748.3	748.3	772.2	780.1	788.1
35°	5842.9	2929.4	1504.5	1122.4	843.8	716.4	684.6	684.6	700.5	716.4	724.4
37.5°	6376.3	3399.1	1727.4	1162.2	843.8	660.7	620.9	613.0	628.9	628.9	636.8
40°	6933.5	4012.0	1958.3	1162.2	804.0	605.0	565.2	541.3	549.3	541.3	549.3
42.5°	7244.0	4505.6	2157.3	1090.6	756.2	549.3	509.5	477.6	469.7	453.7	461.7
45°	7419.1	4728.5	2101.5	1011.0	708.5	509.5	461.7	421.9	406.0	382.1	382.1
47.5°	7419.1	4752.4	1799.0	947.3	660.7	477.6	413.9	374.1	350.3	326.4	334.3
50°	7331.5	4537.4	1424.9	883.6	605.0	445.8	374.1	342.3	310.5	294.5	294.5
52.5°	6965.3	3836.9	1090.6	804.0	541.3	406.0	334.3	302.5	270.7	262.7	262.7
55°	6336.5	2818.0	883.6	724.4	485.6	374.1	302.5	278.6	246.8	230.9	230.9
57.5°	5150.4	1926.4	732.4	652.8	429.9	334.3	270.7	246.8	207.0	191.0	191.0
60°	3821.0	1257.7	620.9	573.1	366.2	302.5	238.8	207.0	175.1	159.2	151.2
62.5°	2579.2	851.8	517.4	453.7	310.5	262.7	207.0	175.1	135.3	103.5	103.5
65°	1608.0	660.7	429.9	358.2	270.7	230.9	175.1	135.3	95.5	71.6	63.7
67.5°	923.4	533.3	350.3	278.6	230.9	183.1	135.3	111.4	79.6	55.7	47.8
68°	*851.8*	*509.5*	*326.4*	*262.7*	*214.9*	*175.1*	*127.4*	*103.5*	*71.6*	*47.8*	*47.8*
70°	692.6	453.7	278.6	214.9	183.1	143.3	111.4	87.6	55.7	31.8	31.8
72.5°	613.0	382.1	238.8	167.2	127.4	119.4	87.6	63.7	39.8	23.9	15.9
75°	501.5	302.5	191.0	127.4	87.6	87.6	63.7	39.8	15.9	0.0	0.0
77.5°	326.4	222.9	151.2	79.6	47.8	55.7	39.8	15.9	0.0	0.0	0.0
80°	214.9	167.2	103.5	39.8	23.9	23.9	8.0	0.0	0.0	0.0	0.0
82.5°	151.2	111.4	63.7	15.9	8.0	8.0	0.0	0.0	0.0	0.0	0.0
85°	95.5	47.8	23.9	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	39.8	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

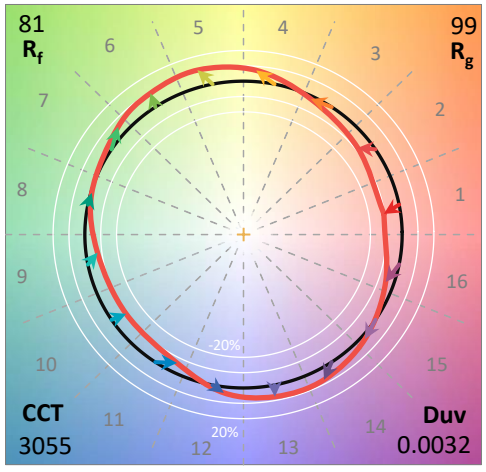
Test Information

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

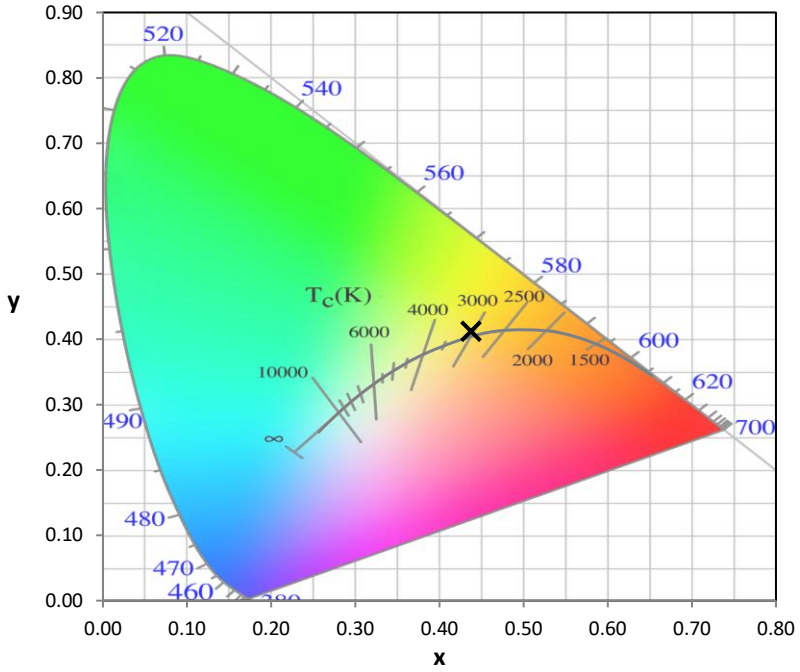
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

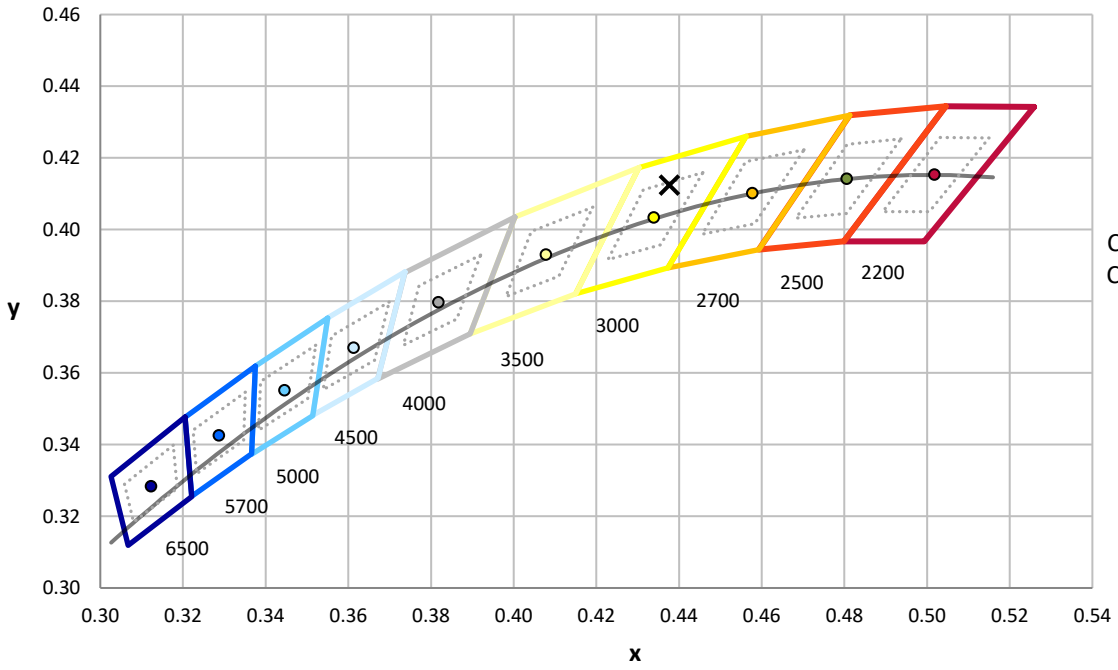
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

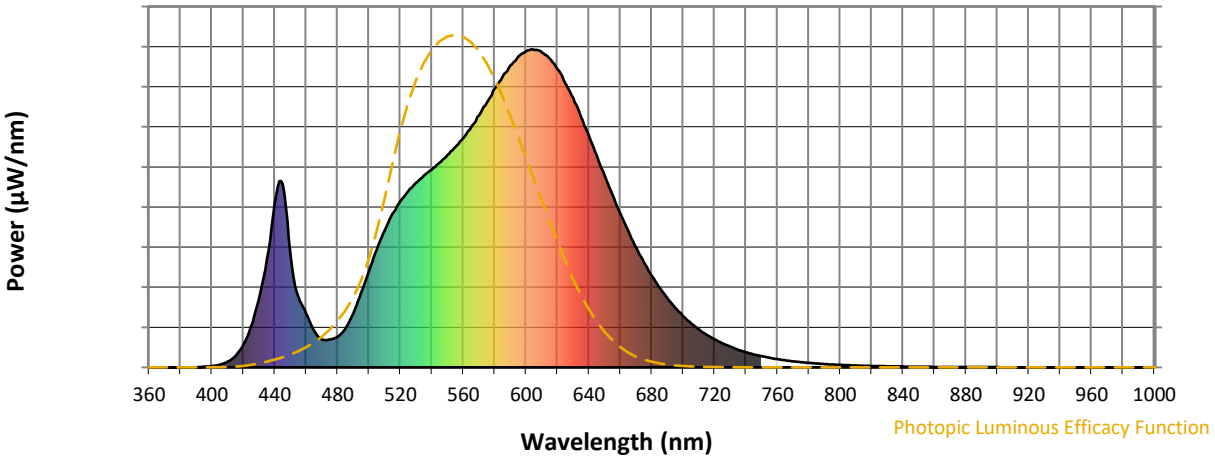


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

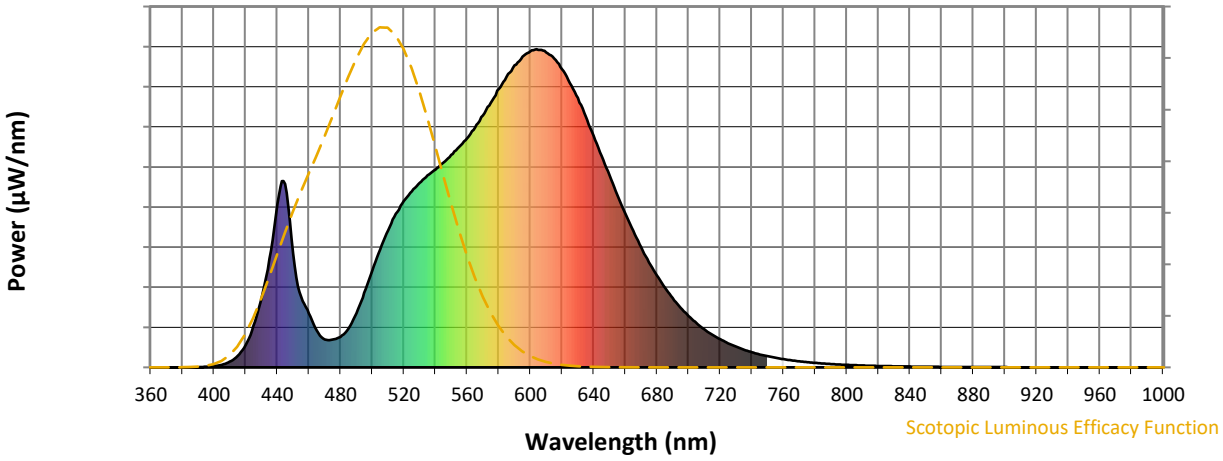


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-9

Scotopic Flux vs. Wavelength

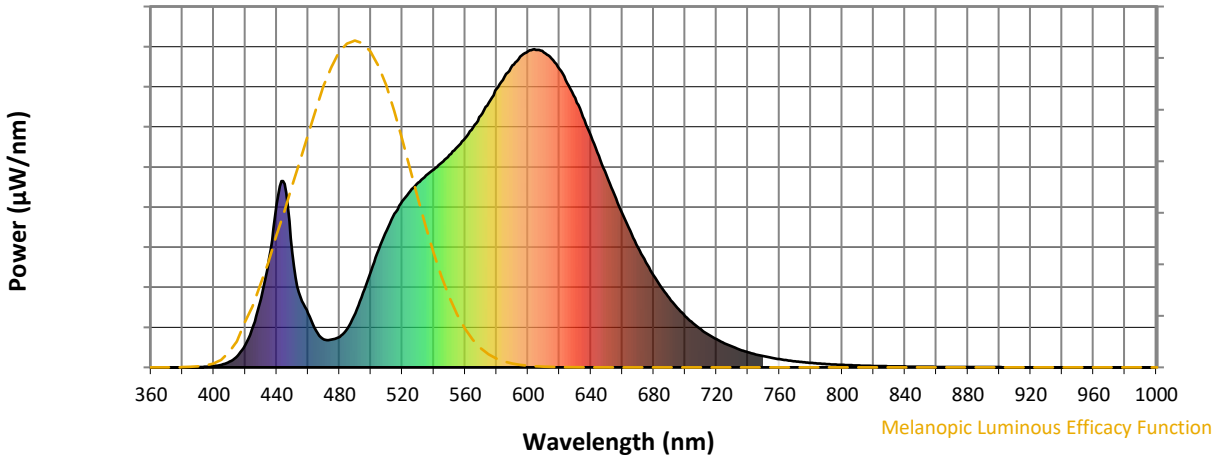


Scotopic Lumens: NR **S/P: 1.28**

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			

REPORT NUMBER: SP1-2407-184-9

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			

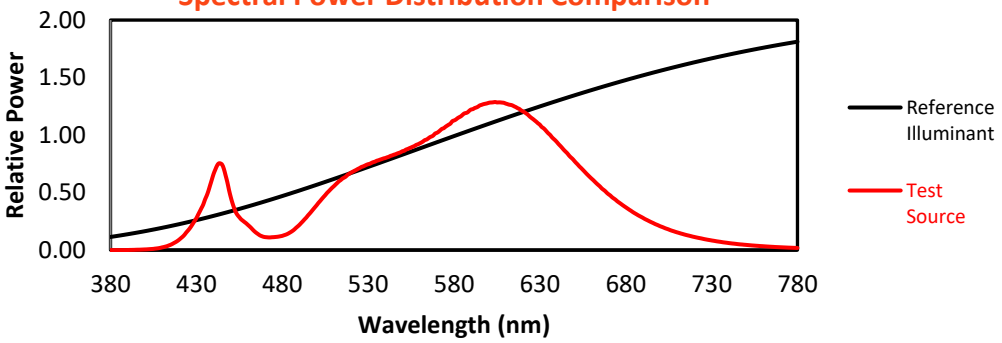
REPORT NUMBER: SP1-2407-184-9

TM-30-18

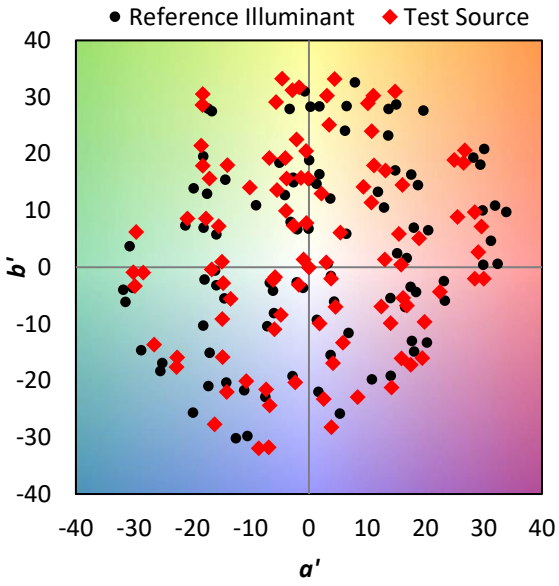
Summary

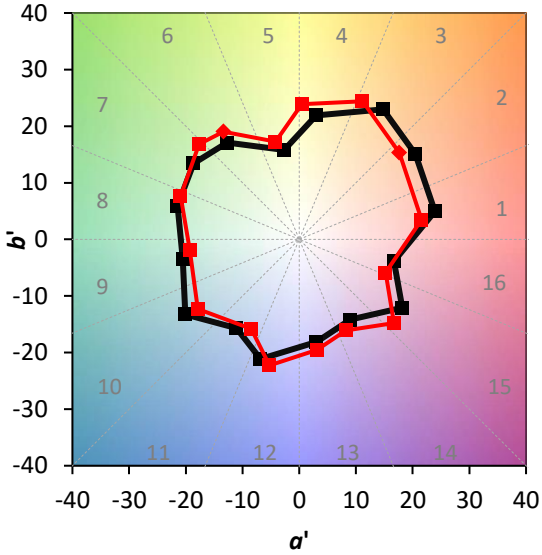
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

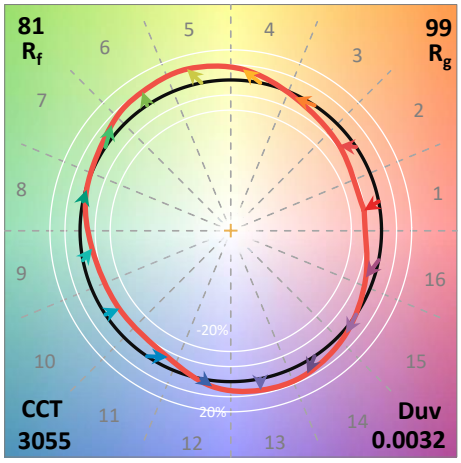
Spectral Power Distribution Comparison

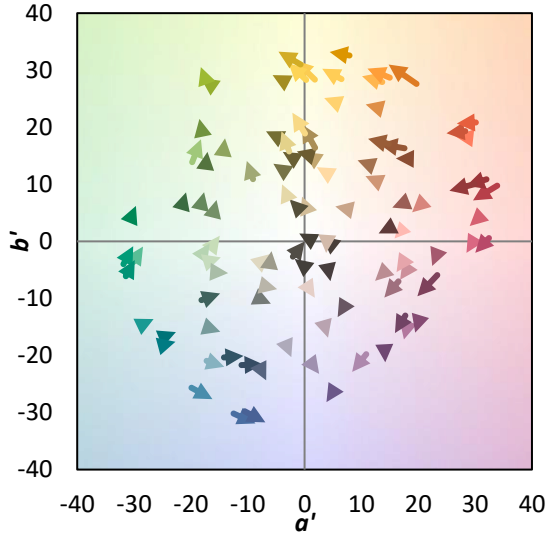


Color Vector Graphics







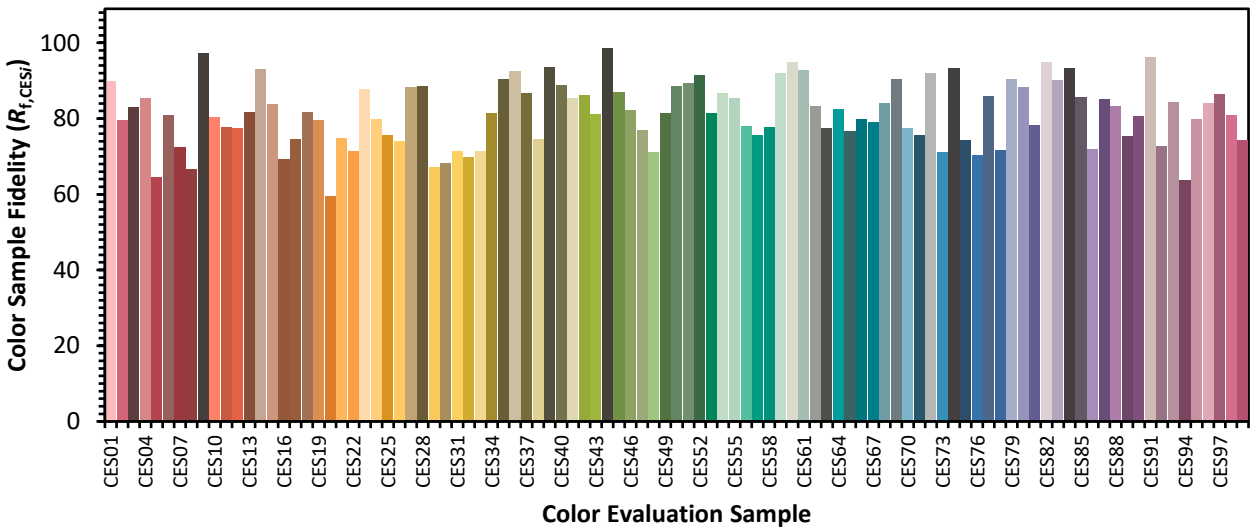


REPORT NUMBER: SP1-2407-184-9

TM-30-18

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

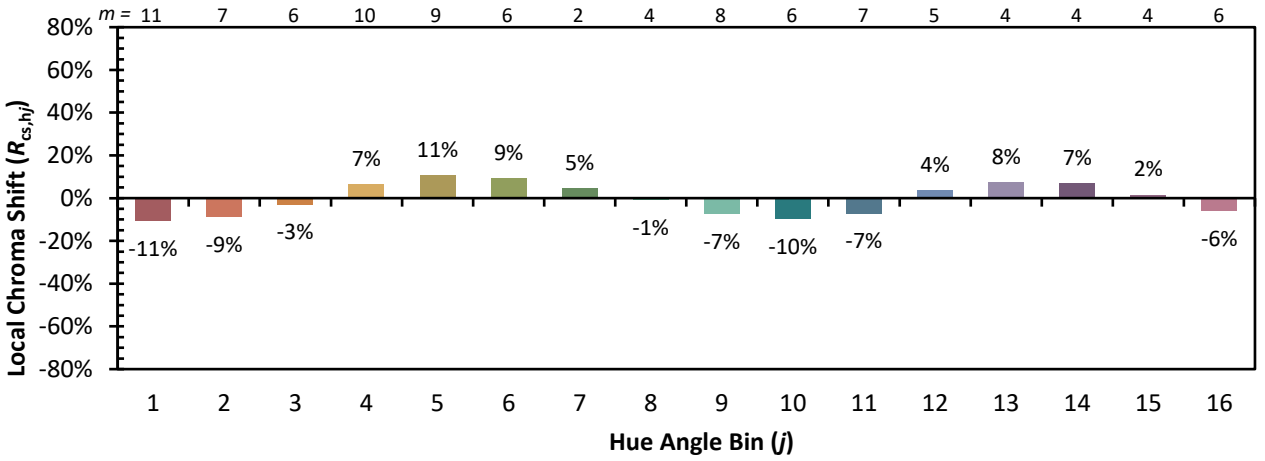
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 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	

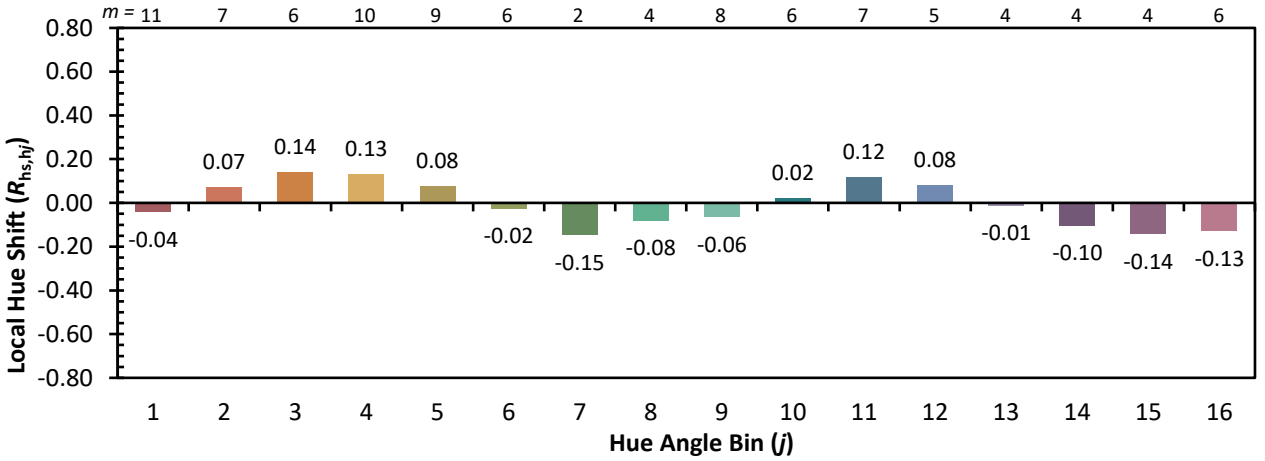


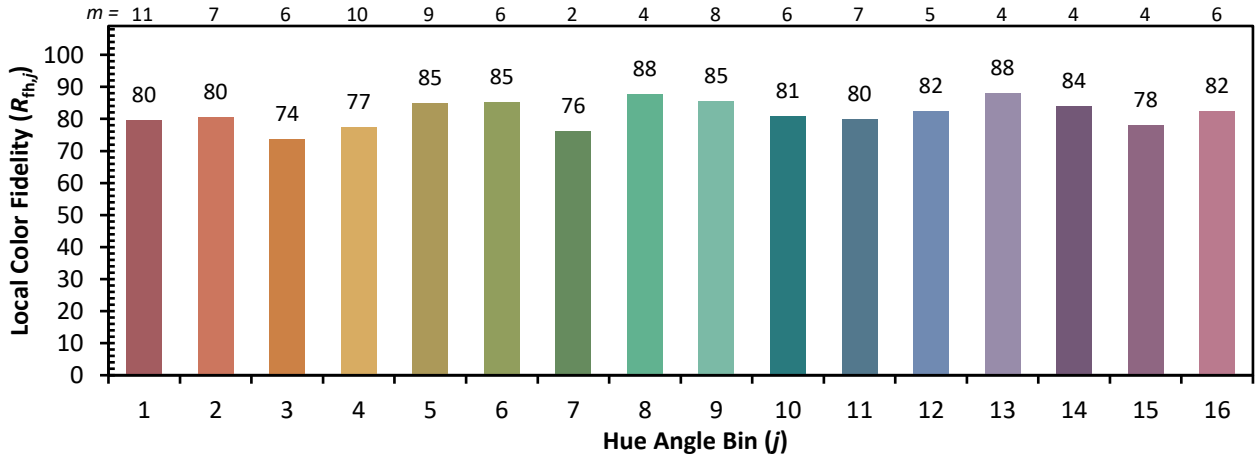
REPORT NUMBER: SP1-2407-184-9

TM-30-18

Color Rendition by Hue-Angle Bin



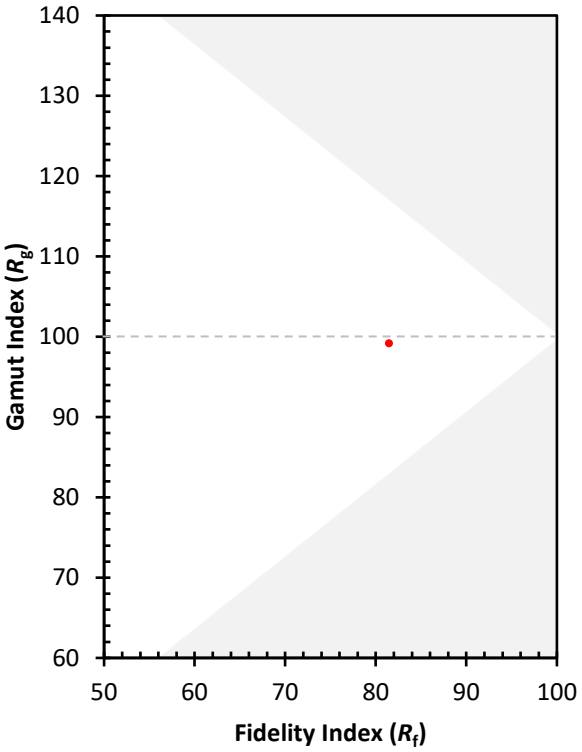


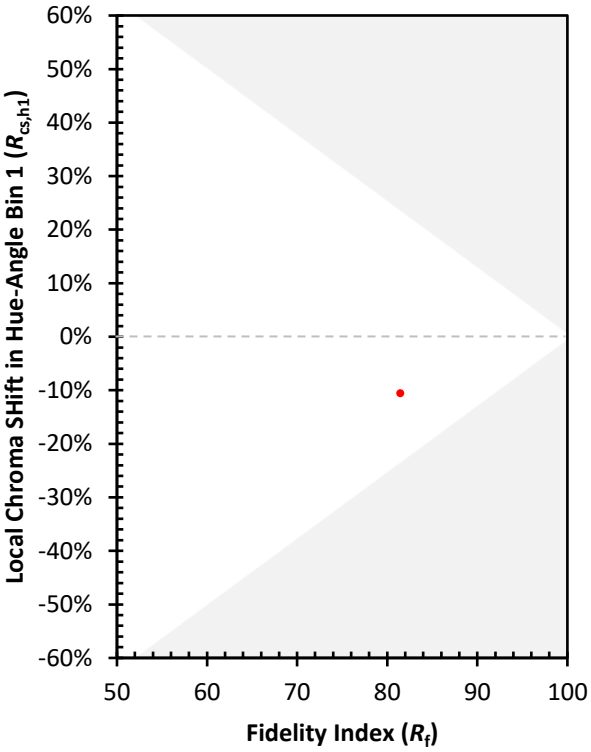


REPORT NUMBER: SP1-2407-184-9

TM-30-18

Measure Comparisons





(END OF REPORT)