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: P1457853

Luminaire Tested: GLAN-SB3C-840-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:	P1457853
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3C-840-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 3xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(78) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15566.5 lumens
Efficiency:	N/A
Efficacy:	104.4 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):	149.1
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: P1457853
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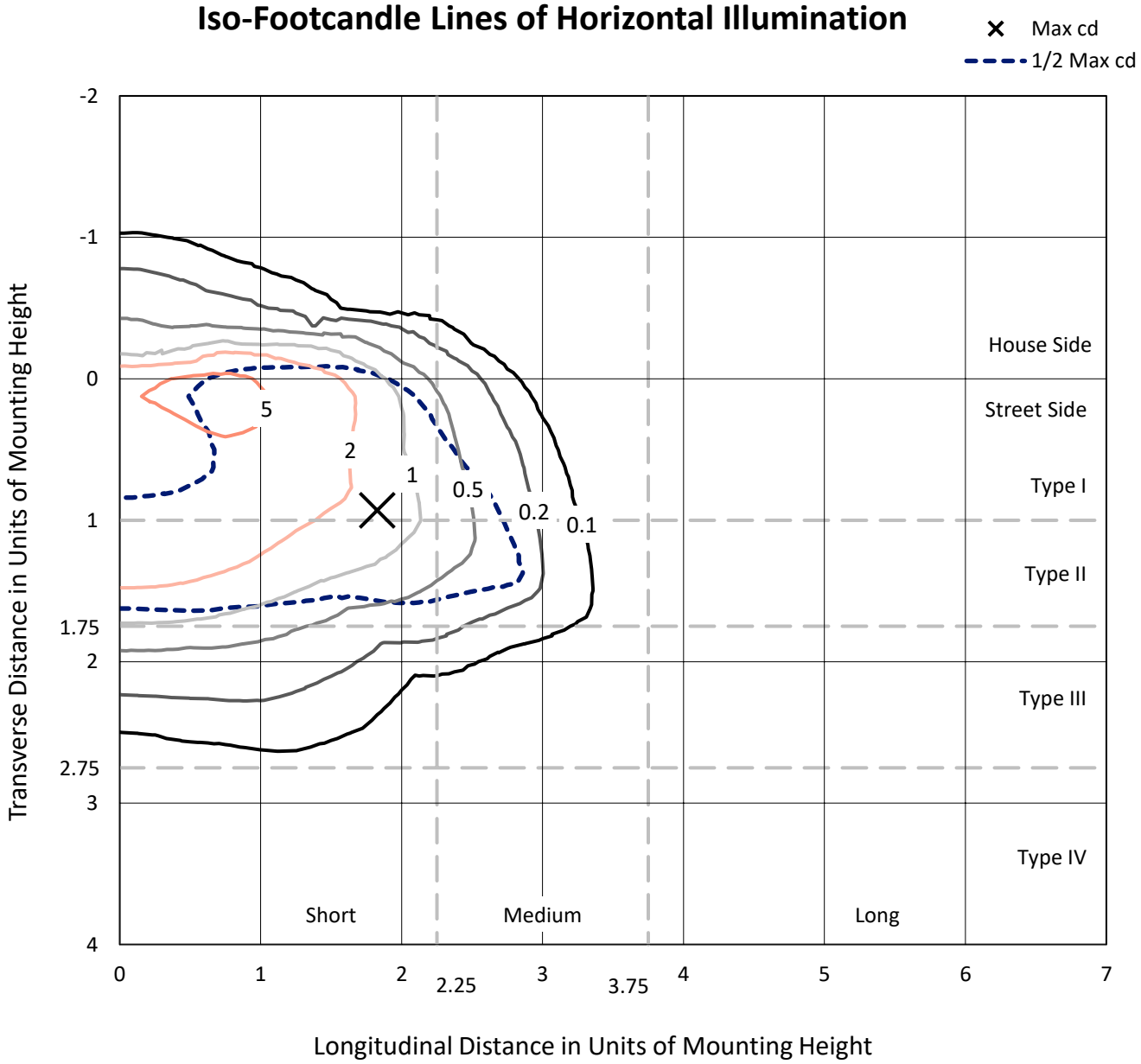
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 7.1 fc
Type II - Short - N/A

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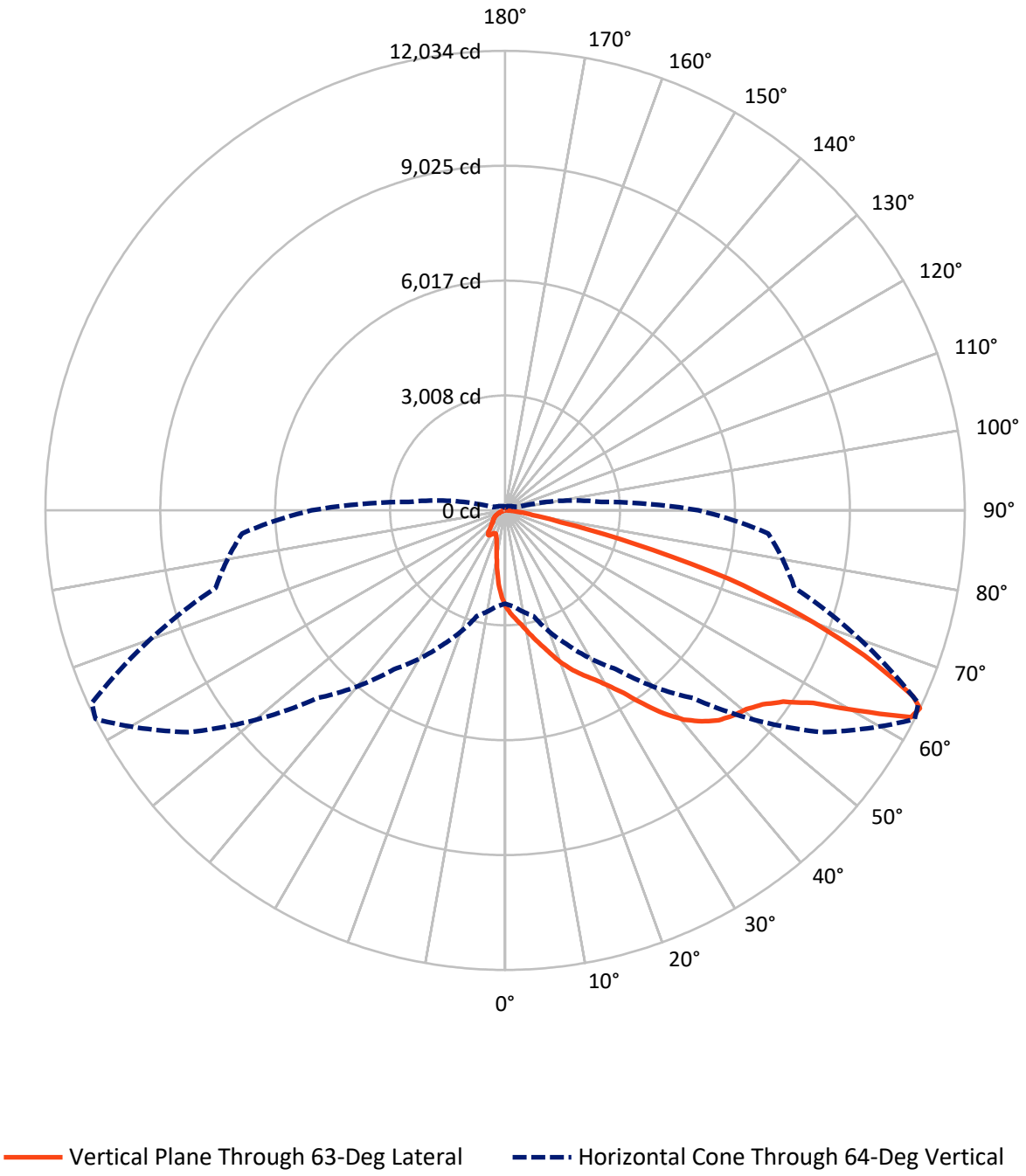
Luminous Intensity Polar Plot



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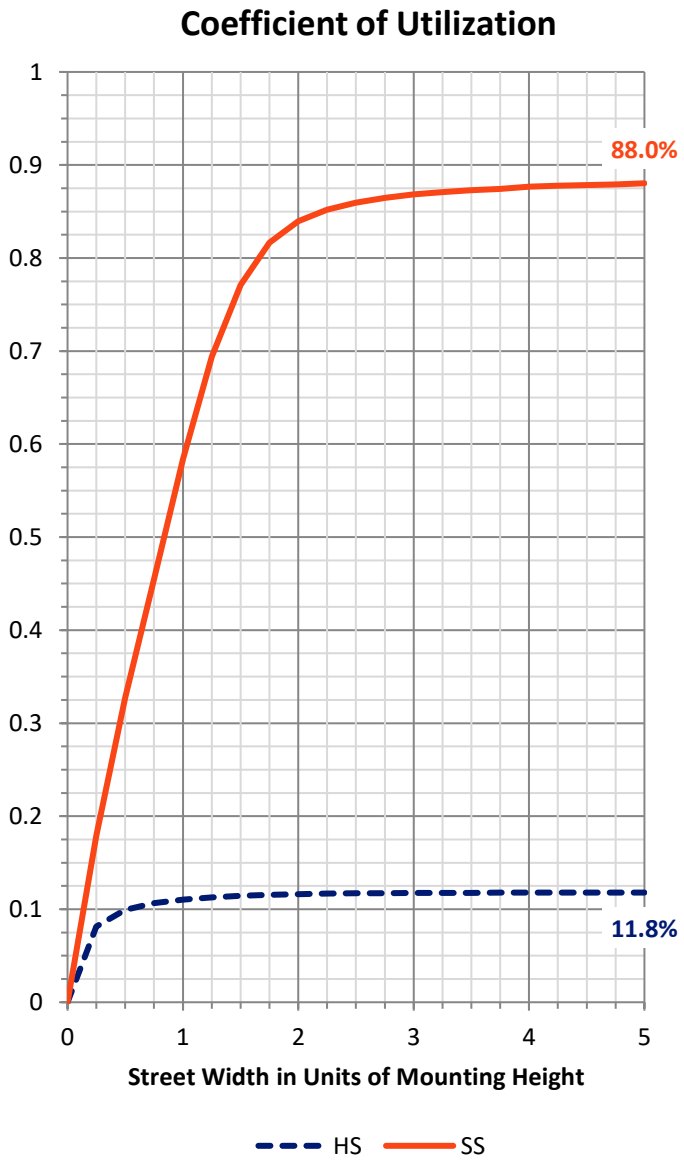
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1847.2	0.0	1847.2
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	13719.2	0.0	13719.2
	% Fixture	88.1	0.0	88.1
Total	Lumens	15566.5	0.0	15566.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	212.0	1.4
10°-20°	595.6	3.8
20°-30°	1060.8	6.8
30°-40°	2026.1	13.0
40°-50°	3358.4	21.6
50°-60°	4186.2	26.9
60°-70°	3121.5	20.1
70°-80°	895.3	5.8
80°-90°	110.7	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°	15566.5	100.0
0°-180°	15566.5	100.0



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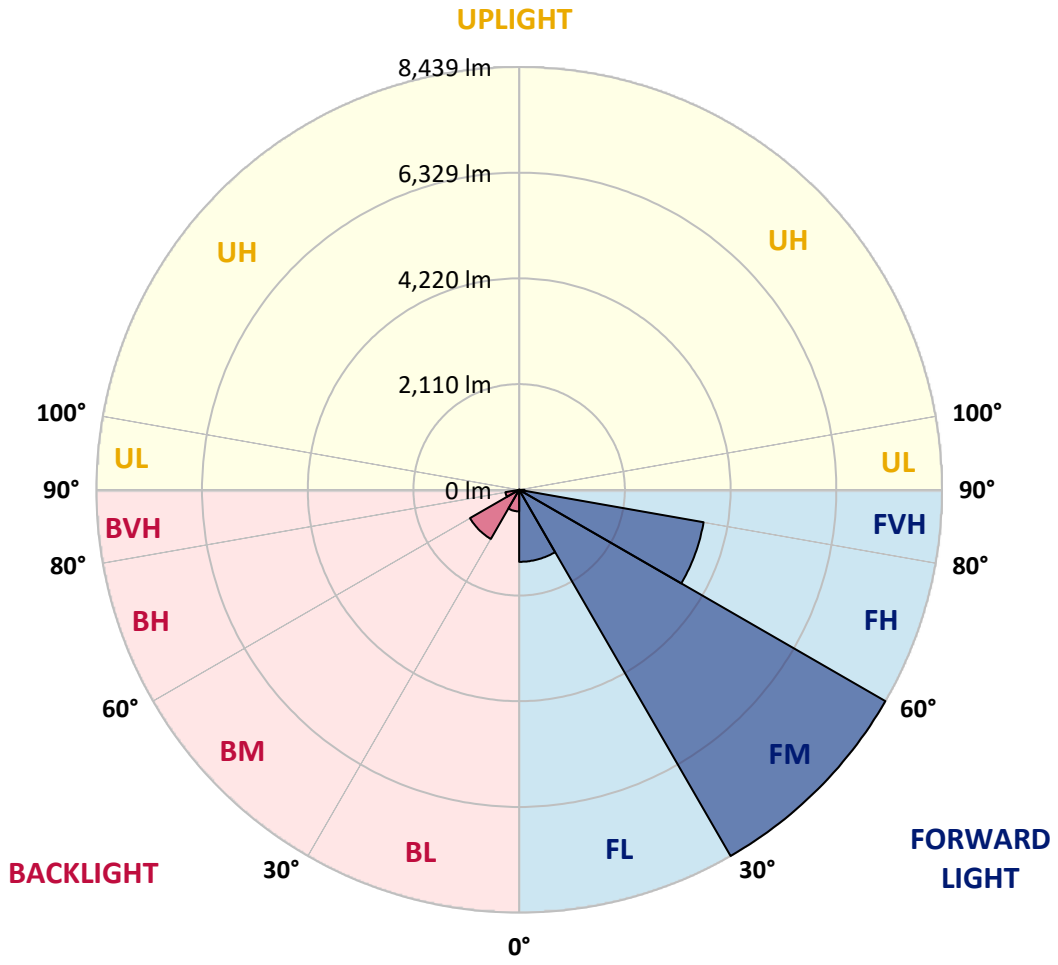
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1437.4	9.2			
FM	(30°-60°)	8439.2	54.2			
FH	(60°-80°)	3737.4	24.0			G2/5000
FVH	(80°-90°)	105.3	0.7			G2/225
BL	(0°-30°)	431.0	2.8	B1/500		
BM	(30°-60°)	1131.4	7.3	B2/2500		
BH	(60°-80°)	279.4	1.8	B1/500		G1/500
BVH	(80°-90°)	5.4	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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REPORT NUMBER: P1457853
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	2516.9	2516.9	2516.9	2516.9	2516.9	2516.9	2516.9	*2516.9*	2516.9	2516.9	2516.9
2.5°	2820.4	2811.1	2801.8	2787.8	2769.1	2750.4	2727.0	*2694.4*	2680.4	2633.7	2577.6
5°	2965.2	2965.2	2960.5	2951.2	2941.9	2923.2	2895.2	*2853.1*	2834.4	2769.1	2671.0
7.5°	3002.6	3007.2	3021.2	3039.9	3067.9	3063.3	3063.3	*3016.6*	3007.2	2937.2	2806.4
10°	2937.2	2941.9	2979.2	3030.6	3114.6	3194.0	3250.0	*3222.0*	3208.0	3138.0	2974.5
12.5°	2843.8	2843.8	2904.5	2983.9	3114.6	3264.1	3427.5	*3455.5*	3460.2	3380.8	3184.7
15°	2601.0	2610.3	2708.4	2867.1	3081.9	3315.4	3590.9	*3698.3*	3726.3	3675.0	3441.5
17.5°	2278.8	2288.1	2386.2	2601.0	2923.2	3315.4	3731.0	*3978.5*	4015.9	4025.2	3768.4
20°	2143.3	2143.3	2199.4	2362.8	2699.0	3226.7	3815.1	*4277.4*	4361.4	4464.1	4127.9
22.5°	2162.0	2162.0	2194.7	2288.1	2558.9	3105.3	3866.4	*4543.5*	4716.3	4977.8	4590.2
25°	2264.8	2264.8	2292.8	2353.5	2573.0	3086.6	3964.5	*4781.7*	5057.2	5552.2	5117.9
27.5°	2428.2	2423.5	2446.9	2507.6	2708.4	3175.3	4127.9	*5019.8*	5328.0	6196.6	5724.9
30°	2666.3	2652.3	2661.7	2731.7	2927.8	3380.8	4366.1	*5323.3*	5636.2	6901.7	6397.4
32.5°	3217.4	3212.7	3077.3	3039.9	3250.0	3712.3	4693.0	*5701.6*	6051.8	7648.8	7088.5
35°	4212.0	4277.4	4085.9	3595.6	3637.6	4155.9	5159.9	*6215.2*	6537.4	8442.6	7840.3
37.5°	5220.6	5220.6	5141.2	4562.2	4268.0	4646.3	5664.2	*6742.9*	7079.1	9082.4	8564.1
40°	6019.1	6061.1	5967.8	5533.5	5150.6	5206.6	6168.5	*7205.2*	7513.4	9474.6	9077.7
42.5°	6612.2	6602.8	6565.5	6280.6	6065.8	5939.7	6626.2	*7550.7*	7844.9	9675.4	9399.9
45°	7251.9	7251.9	7200.5	6967.0	6789.6	6682.2	6967.0	*7840.3*	8148.5	9796.8	9600.7
47.5°	7919.6	7910.3	7858.9	7602.1	7410.7	7251.9	7312.6	*8027.0*	8335.2	9717.4	9633.4
50°	8083.1	8073.7	8190.5	8199.8	8027.0	7723.5	7588.1	*8185.8*	8456.7	9722.1	9736.1
52.5°	7891.6	7947.7	8120.4	8330.6	8526.7	8209.2	7882.3	*8438.0*	8718.1	9852.9	9993.0
55°	7415.3	7438.7	7770.2	8106.4	8564.1	8676.1	8353.9	*8839.6*	9087.0	9978.9	10221.8
57.5°	6528.1	6616.8	6971.7	7555.4	8251.2	8718.1	9175.8	*9512.0*	9698.8	10030.3	10095.7
60°	4926.4	4973.1	5743.6	6500.1	7602.1	8381.9	9941.6	*10651.4*	10628.0	9451.3	9213.1
62.5°	2997.9	3039.9	3590.9	4791.0	6177.9	7681.5	10198.4	*11926.2*	11800.1	8475.3	7756.2
64°	*2442.2*	*2521.6*	*2862.5*	*3889.8*	*5080.5*	*6948.4*	*10123.7*	*12033.6*	*11935.5*	*7844.9*	*6911.0*
65°	2087.3	2194.7	2544.9	3376.1	4319.4	6159.2	9918.2	*11734.7*	11669.3	7462.0	6210.6
67.5°	1312.2	1363.5	1881.9	2624.3	2974.5	3941.1	8526.7	*10147.0*	10263.8	6649.5	4580.9
70°	975.9	999.3	1293.5	2031.3	2320.8	2292.8	5855.7	*8218.5*	8246.5	5318.7	2764.4
72.5°	709.8	714.4	905.9	1503.6	1816.5	1564.3	3086.6	*6107.8*	5907.0	3114.6	1508.3
75°	471.6	490.3	635.1	1060.0	1414.9	1148.7	1405.6	*3478.9*	3418.1	1522.3	863.9
77.5°	345.6	350.2	429.6	709.8	1111.4	845.2	849.9	*1498.9*	1545.6	905.9	546.3
80°	196.1	205.5	280.2	434.3	723.8	579.0	476.3	*723.8*	831.2	616.4	364.2
82.5°	116.7	126.1	200.8	284.8	495.0	238.1	242.8	*396.9*	495.0	443.6	196.1
85°	70.0	74.7	126.1	154.1	294.2	158.8	88.7	*196.1*	256.8	261.5	107.4
87.5°	46.7	46.7	70.0	65.4	84.1	74.7	37.4	*51.4*	65.4	88.7	42.0
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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Scaled Data Report

REPORT NUMBER: P1457853
CATALOG NUMBER: GLAN-SB3C-840-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2516.9	2516.9	2516.9	2516.9	2516.9	2516.9	2516.9	2516.9	2516.9	2516.9	2516.9
2.5°	2530.9	2502.9	2418.9	2306.8	2204.1	2124.7	2026.6	1961.2	1900.5	1900.5	1849.2
5°	2591.6	2516.9	2311.5	2054.6	1779.1	1517.6	1349.5	1162.7	1102.0	1050.7	1060.0
7.5°	2694.4	2558.9	2194.7	1732.4	1293.5	1013.3	826.5	742.5	705.1	681.8	686.4
10°	2820.4	2633.7	2054.6	1405.6	952.6	742.5	653.7	621.1	607.0	602.4	602.4
12.5°	2993.2	2722.4	1914.5	1130.0	751.8	639.7	593.0	574.4	560.4	551.0	551.0
15°	3198.7	2834.4	1751.1	929.3	658.4	588.4	551.0	532.3	513.7	509.0	509.0
17.5°	3460.2	2951.2	1606.3	798.5	611.7	551.0	513.7	490.3	476.3	471.6	471.6
20°	3749.7	3095.9	1461.6	723.8	579.0	513.7	476.3	457.6	443.6	434.3	438.9
22.5°	4118.6	3278.1	1368.2	686.4	551.0	481.0	443.6	424.9	410.9	401.6	406.3
25°	4524.8	3506.9	1316.8	686.4	532.3	457.6	415.6	396.9	382.9	373.6	373.6
27.5°	5019.8	3763.7	1321.5	714.4	527.7	438.9	392.2	373.6	359.6	345.6	345.6
30°	5566.2	4067.2	1372.9	765.8	537.0	420.3	373.6	345.6	336.2	322.2	322.2
32.5°	6145.2	4417.4	1503.6	831.2	527.7	396.9	345.6	322.2	308.2	298.9	298.9
35°	6756.9	4814.4	1667.0	859.2	481.0	364.2	322.2	298.9	289.5	284.8	280.2
37.5°	7340.6	5159.9	1755.8	803.2	420.3	336.2	294.2	270.8	266.2	256.8	256.8
40°	7793.6	5444.8	1704.4	686.4	387.6	308.2	270.8	247.5	238.1	228.8	228.8
42.5°	8059.7	5547.5	1517.6	583.7	364.2	280.2	247.5	224.1	214.8	210.1	210.1
45°	8213.8	5533.5	1298.1	523.0	340.9	256.8	224.1	210.1	196.1	191.5	186.8
47.5°	8209.2	5388.7	1139.4	471.6	317.5	238.1	210.1	196.1	182.1	177.4	177.4
50°	8176.5	5173.9	961.9	434.3	298.9	224.1	196.1	186.8	172.8	168.1	163.4
52.5°	8255.9	5052.5	803.2	410.9	275.5	214.8	191.5	177.4	158.8	154.1	154.1
55°	8353.9	4982.5	644.4	387.6	256.8	210.1	182.1	168.1	149.4	144.8	144.8
57.5°	8069.1	4716.3	532.3	350.2	233.5	200.8	172.8	163.4	144.8	130.7	130.7
60°	7172.5	3899.1	438.9	308.2	214.8	186.8	163.4	149.4	130.7	112.1	112.1
62.5°	5832.3	2974.5	364.2	261.5	200.8	172.8	149.4	135.4	112.1	88.7	88.7
64°	*5066.5*	*2526.3*	*326.9*	*228.8*	*191.5*	*158.8*	*135.4*	*121.4*	*98.1*	*74.7*	*70.0*
65°	4543.5	2232.1	303.5	214.8	186.8	149.4	130.7	116.7	88.7	70.0	65.4
67.5°	3198.7	1498.9	242.8	177.4	163.4	126.1	112.1	98.1	79.4	60.7	56.0
70°	1863.2	849.9	191.5	149.4	126.1	98.1	93.4	88.7	70.0	46.7	46.7
72.5°	1013.3	424.9	144.8	121.4	98.1	70.0	79.4	70.0	56.0	37.4	32.7
75°	621.1	261.5	107.4	88.7	65.4	51.4	60.7	51.4	32.7	23.3	18.7
77.5°	415.6	168.1	79.4	60.7	42.0	32.7	42.0	28.0	14.0	4.7	4.7
80°	256.8	116.7	51.4	37.4	23.3	14.0	9.3	4.7	4.7	0.0	0.0
82.5°	112.1	74.7	28.0	18.7	9.3	4.7	4.7	0.0	0.0	0.0	0.0
85°	60.7	23.3	9.3	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	18.7	9.3	4.7	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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

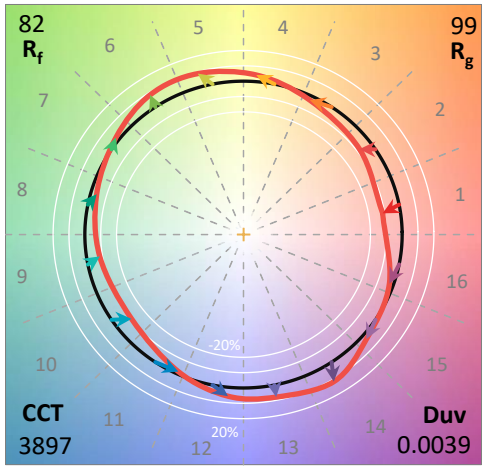
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-11
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-840-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3897
CIE u':	0.2249
CIE v':	0.5084
Duv:	0.0039
CIE x:	0.3882
CIE y:	0.3900
CIE z:	0.2218
Peak Wavelength (nm):	445
Dominant Wavelength (nm):	577
Purity:	33.54925
Rf:	81.8
Rg:	98.6

CRI (Ra):	80.2
R1:	78.9
R2:	83.5
R3:	88.3
R4:	82.1
R5:	78.8
R6:	78.4
R7:	85.8
R8:	65.8
R9:	6.7
R10:	61.9
R11:	81.9
R12:	58.9
R13:	79.2
R14:	93.2
R15:	71.9



Test Conditions

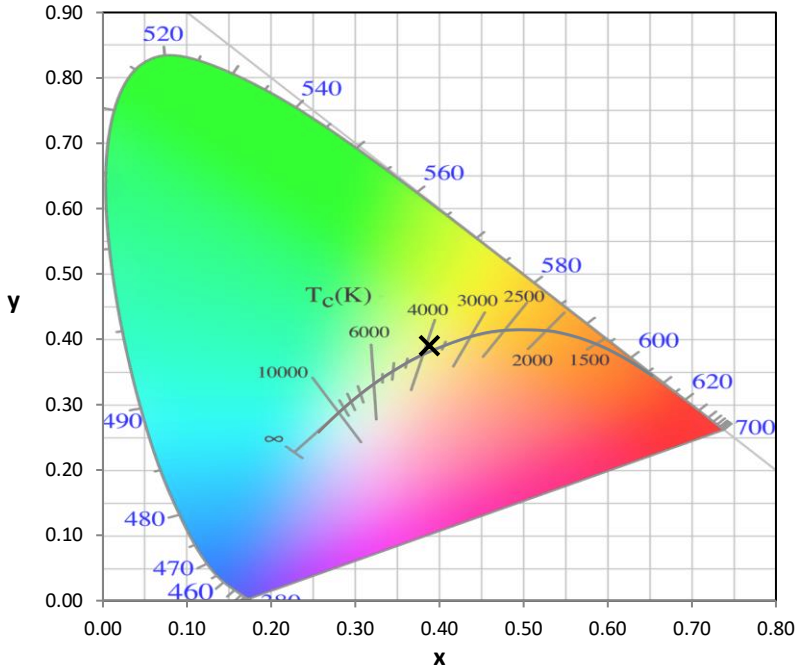
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

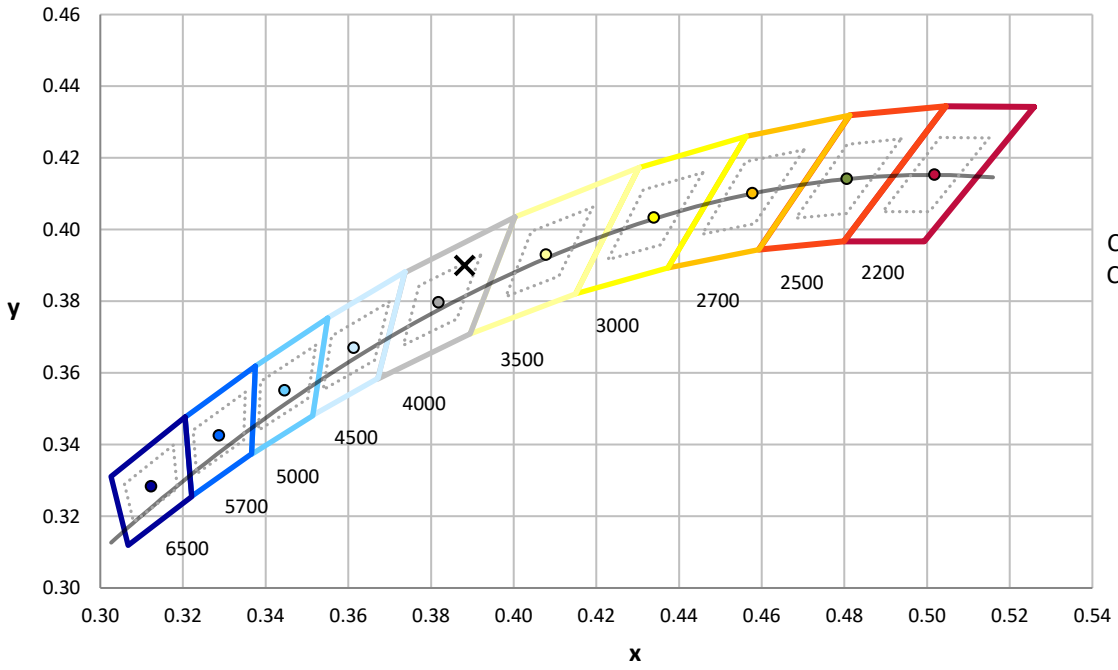
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

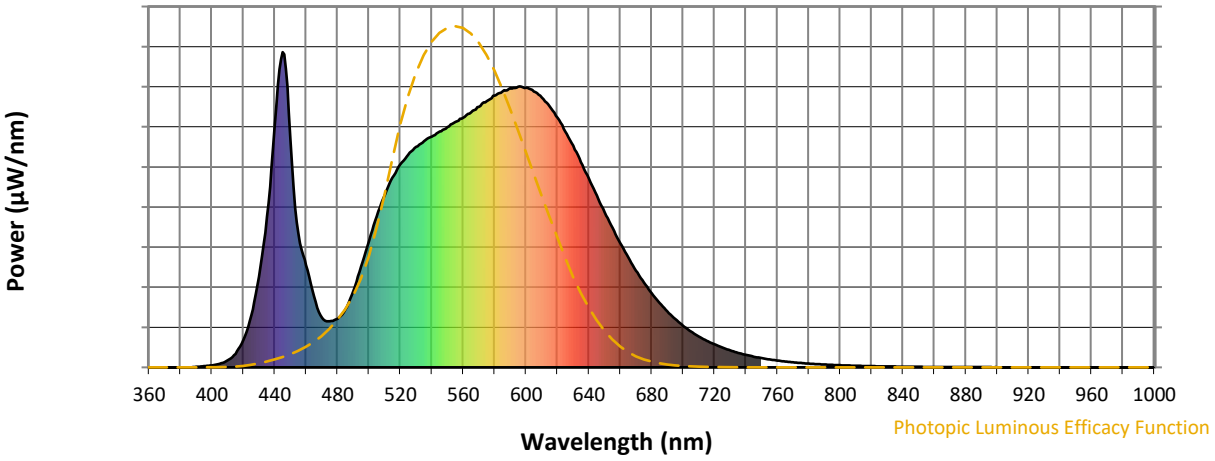


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

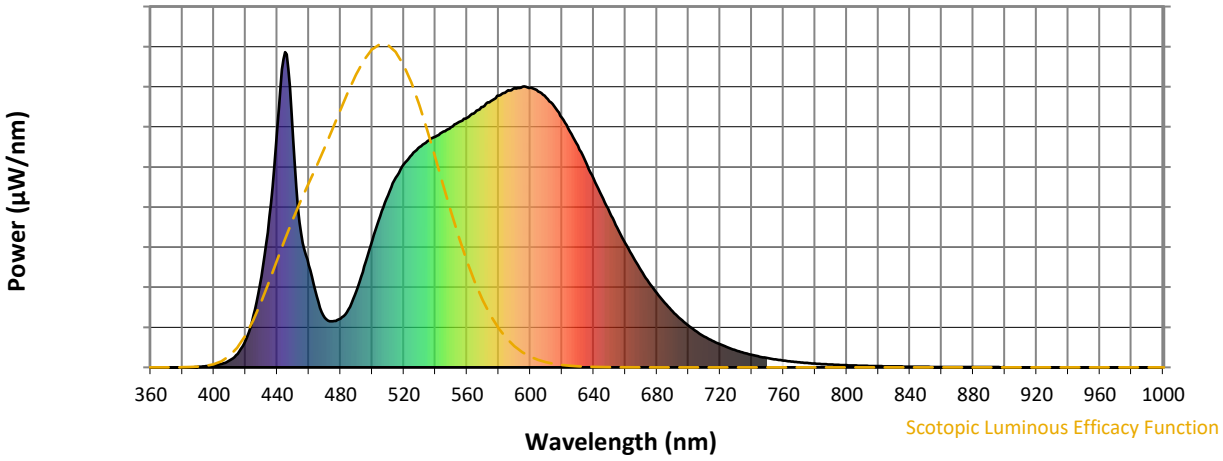


Photopic Lumens: NR

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

Scotopic Flux vs. Wavelength

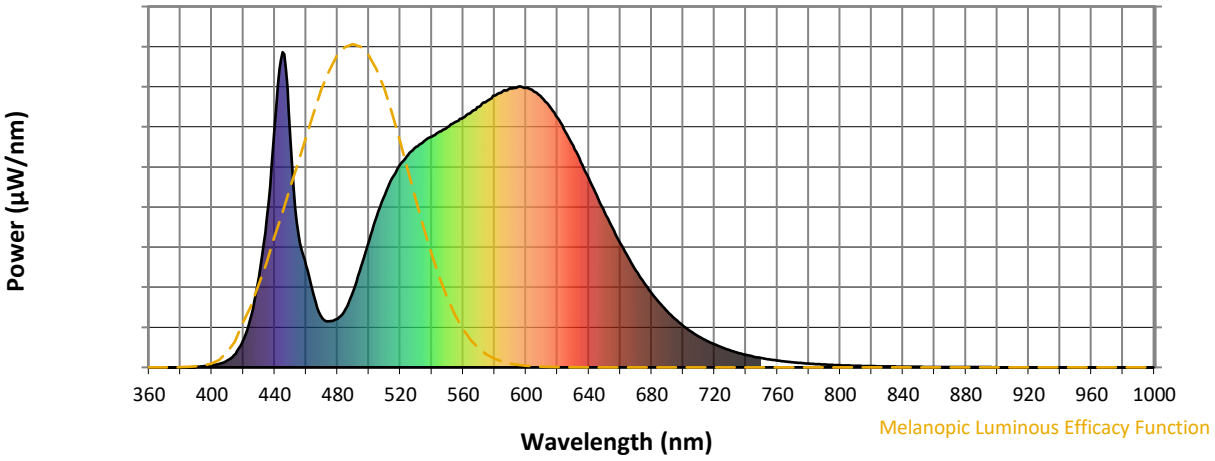


Scotopic Lumens: NR **S/P: 1.57**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.06**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

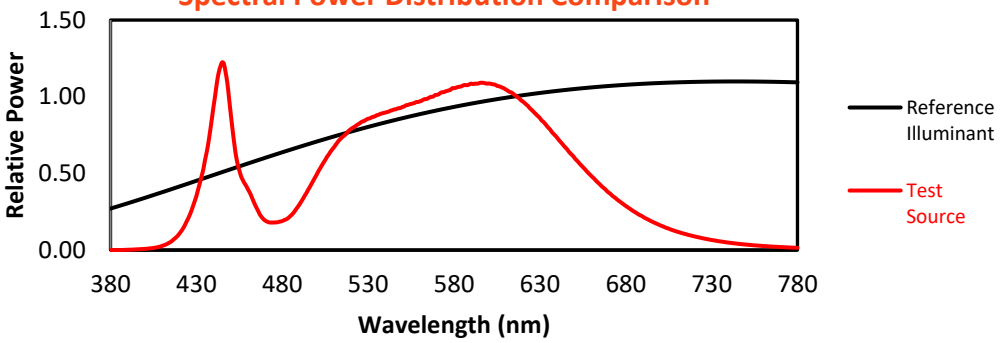
REPORT NUMBER: SP1-2407-184-11

TM-30-18

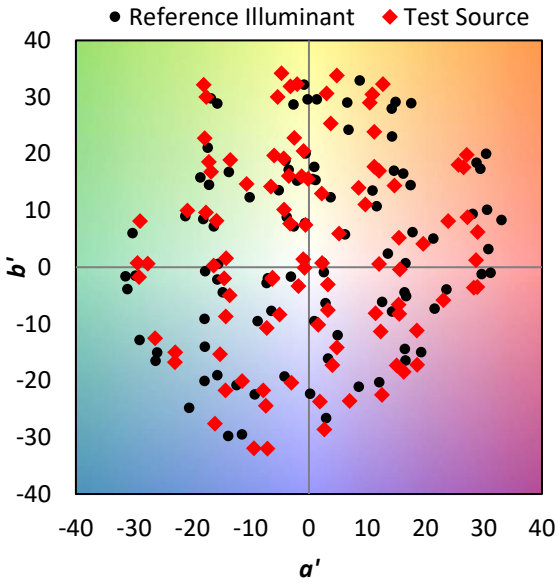
Summary

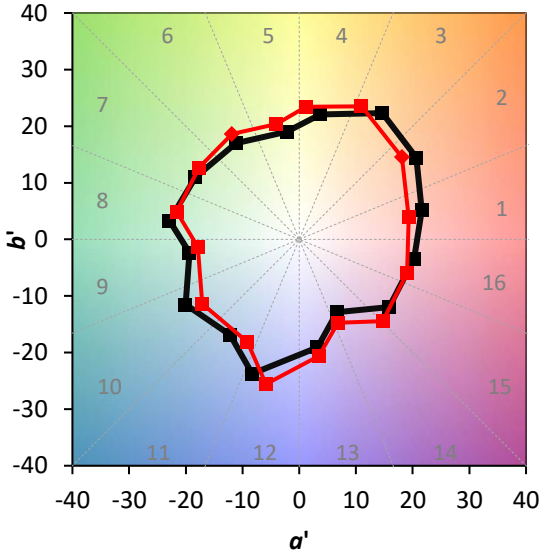
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

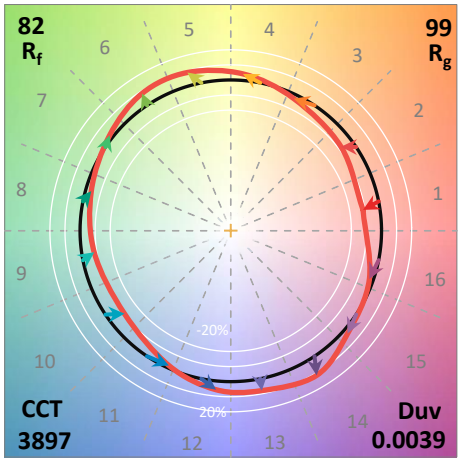
Spectral Power Distribution Comparison

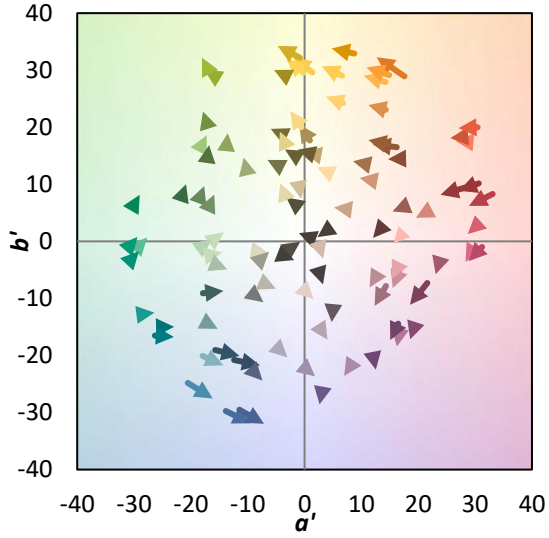


Color Vector Graphics







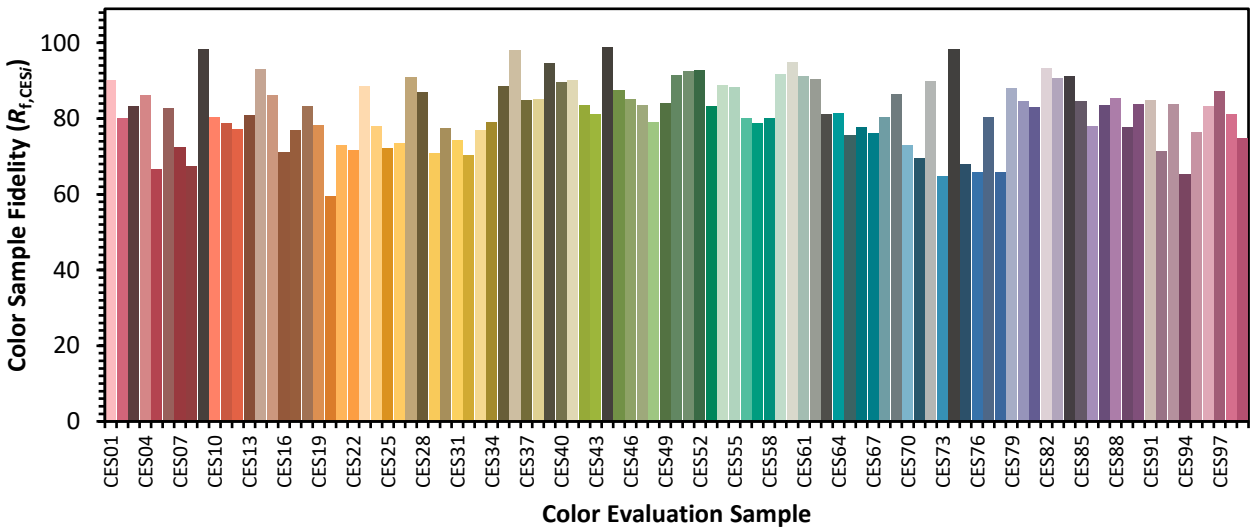


REPORT NUMBER: SP1-2407-184-11

TM-30-18

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

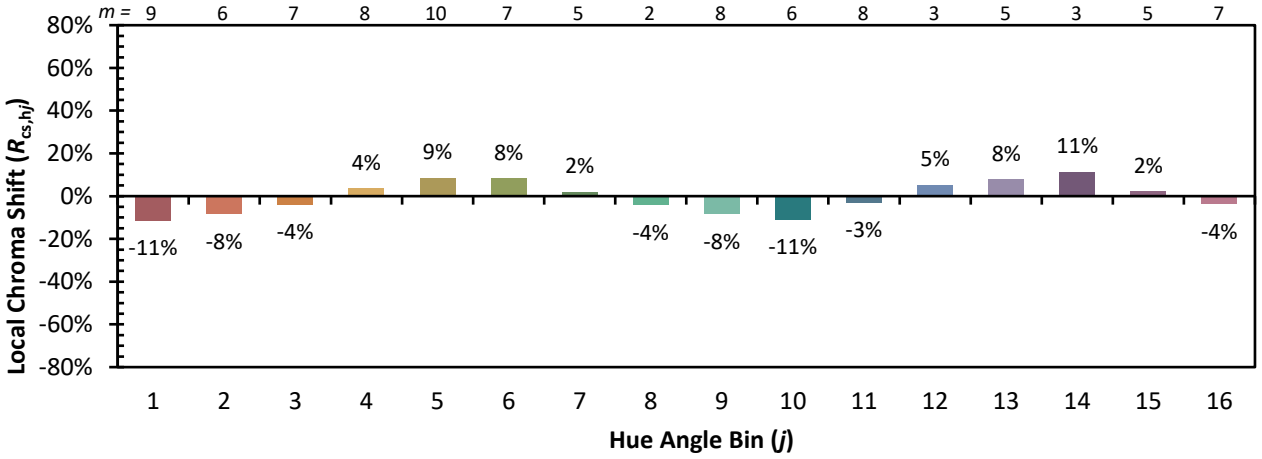
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	

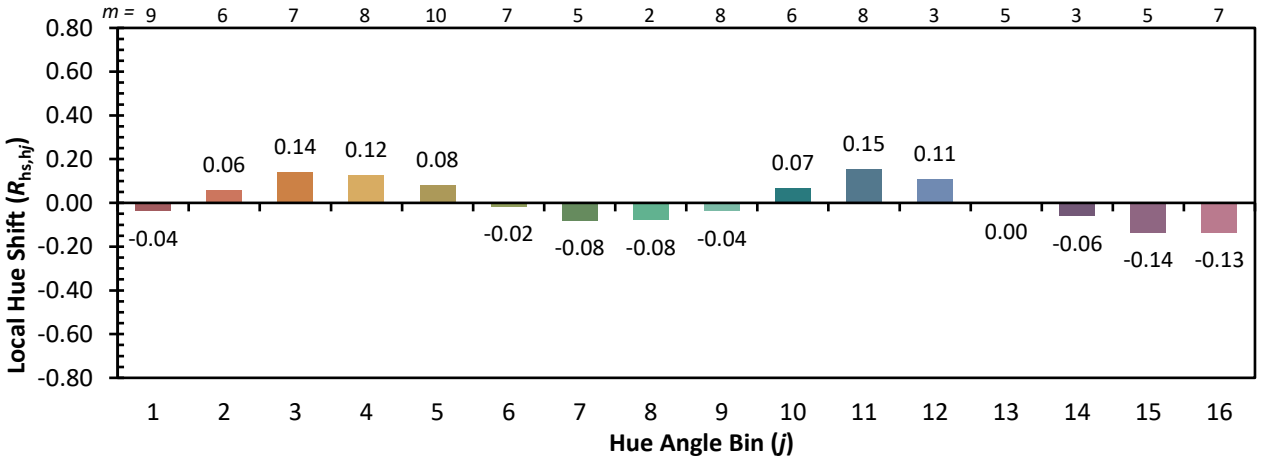


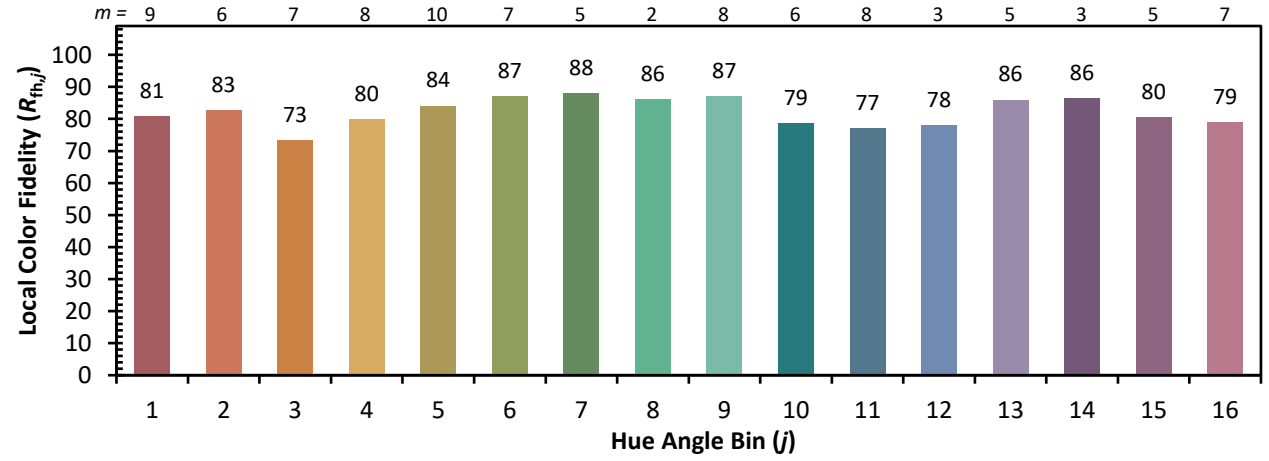
REPORT NUMBER: SP1-2407-184-11

TM-30-18

Color Rendition by Hue-Angle Bin



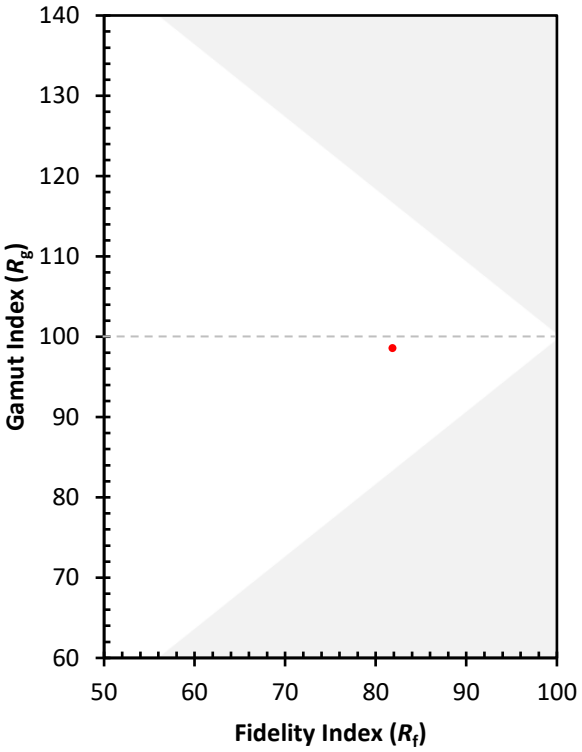


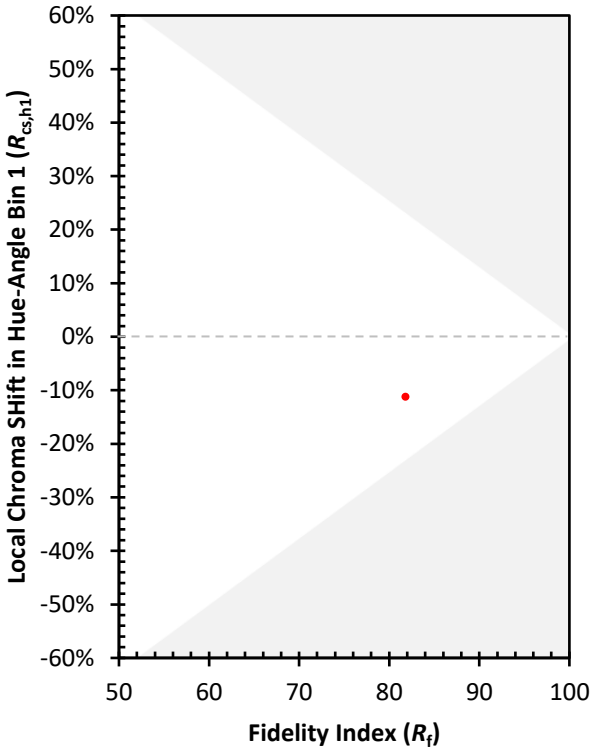


REPORT NUMBER: SP1-2407-184-11

TM-30-18

Measure Comparisons





(END OF REPORT)