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: P1458360

Luminaire Tested: GLAN-SB4B-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:	P1458360
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4B-830-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 4xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE III 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:	15493.4 lumens
Efficiency:	N/A
Efficacy:	105.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

Input Watts (W):	147
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: P1458360
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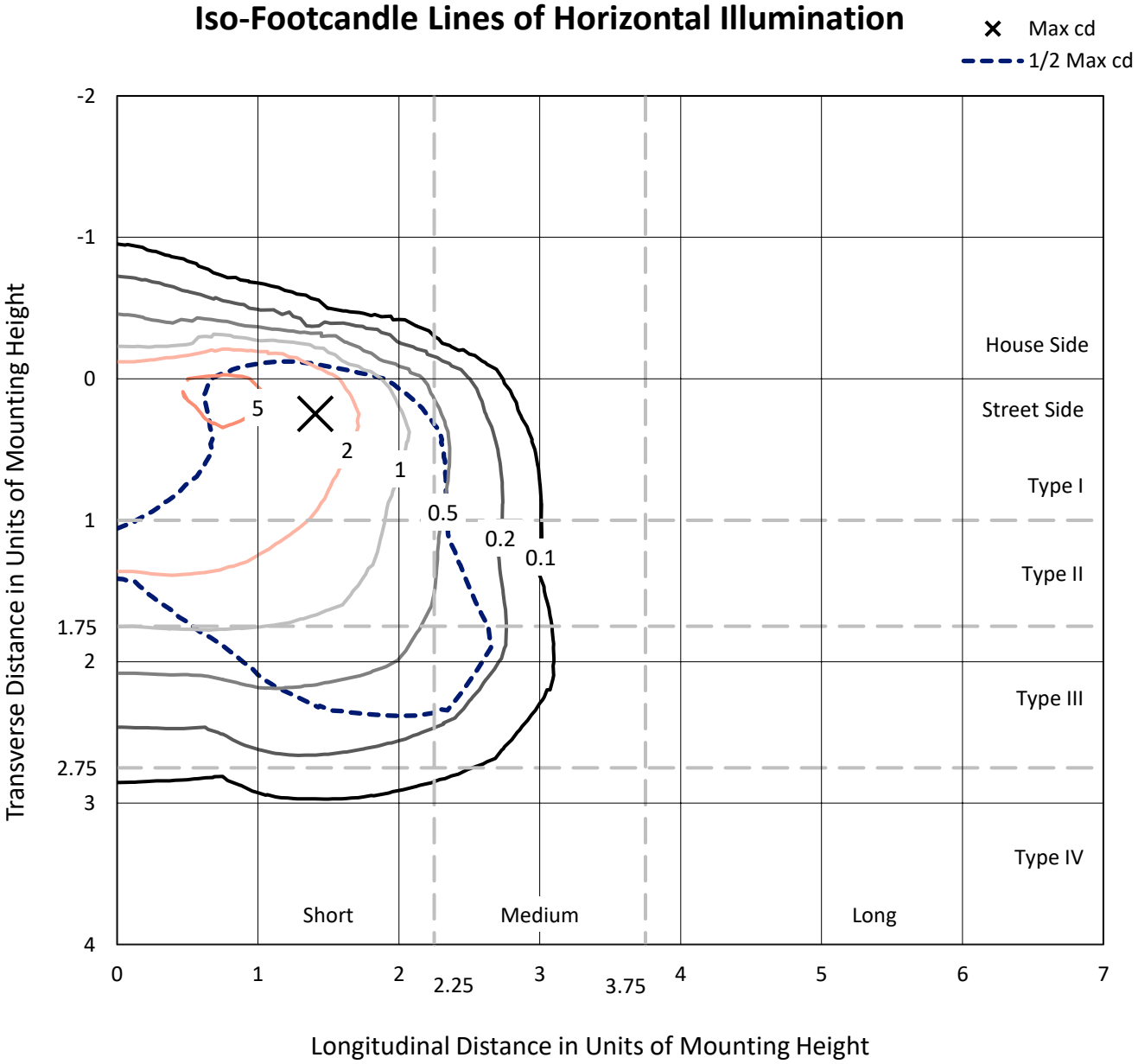
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 6.1 fc
Type III - Short - N/A

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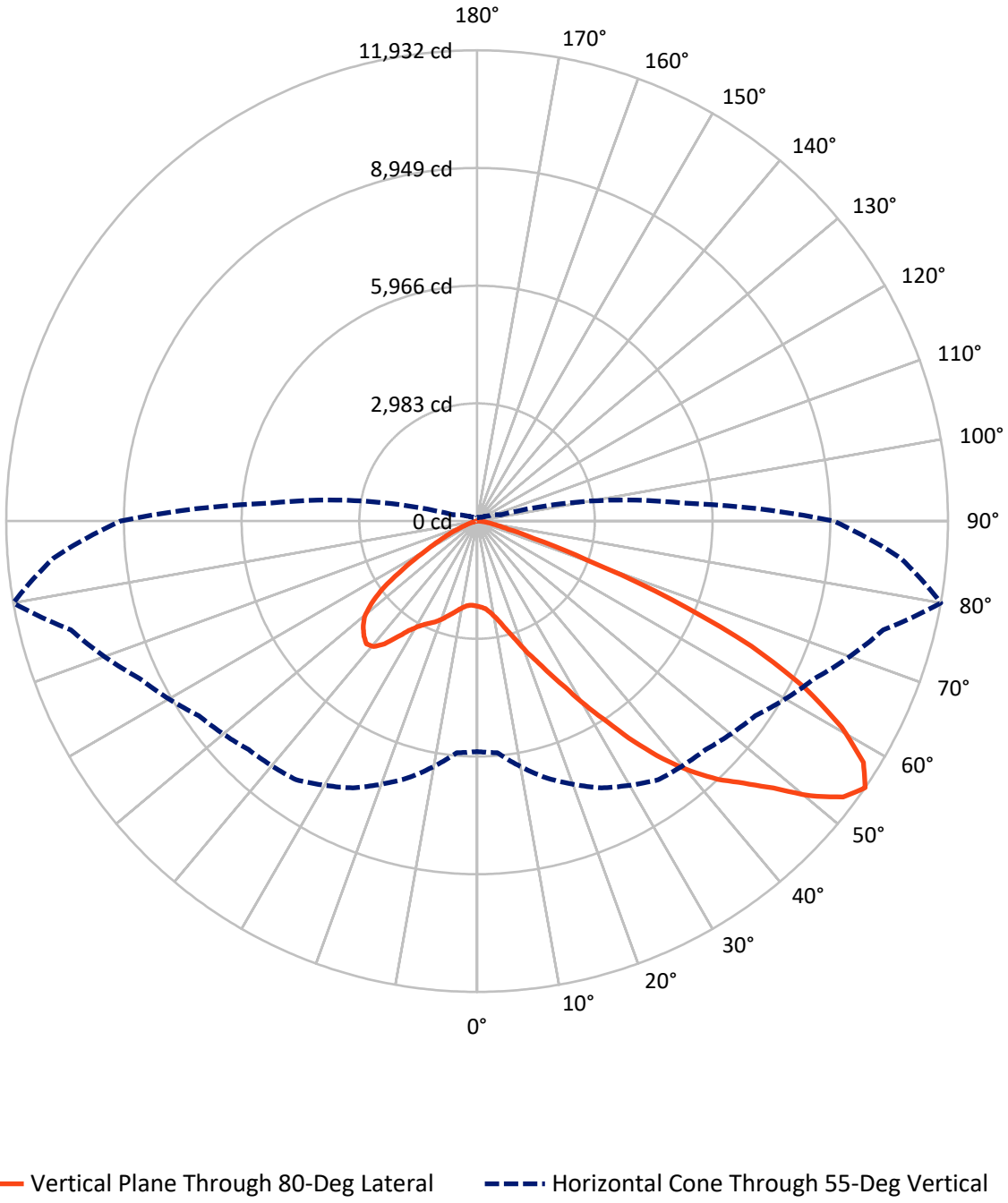
Luminous Intensity Polar Plot



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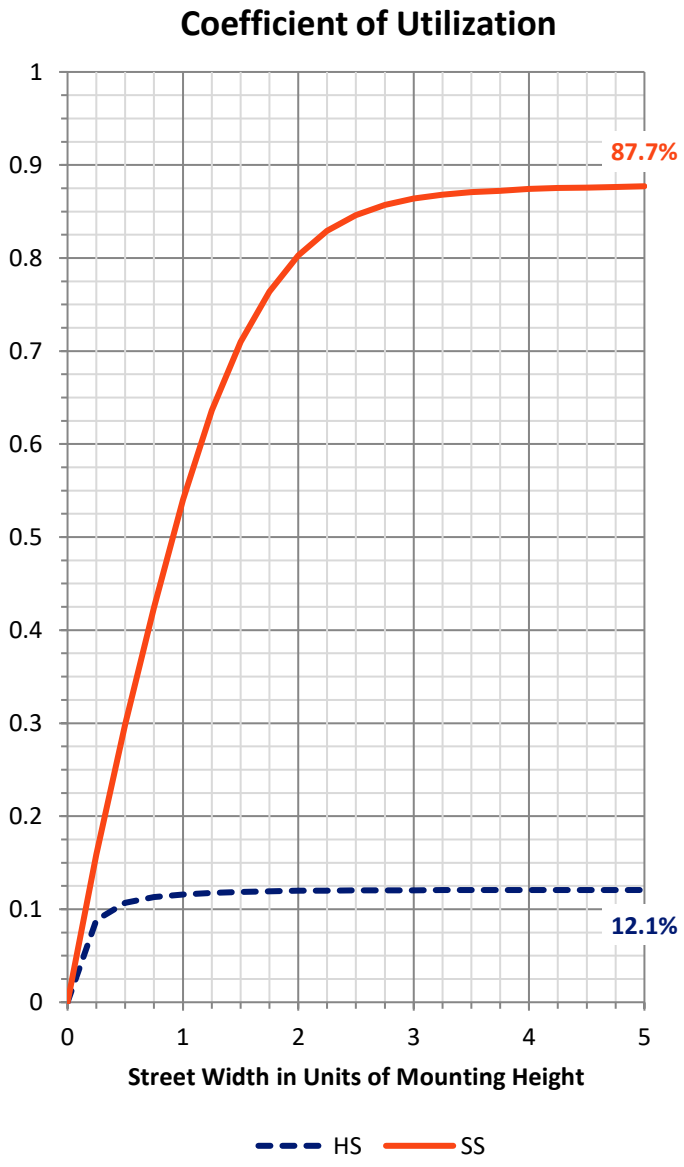
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1883.4	0.0	1883.4
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	13610.0	0.0	13610.0
	% Fixture	87.8	0.0	87.8
Total	Lumens	15493.4	0.0	15493.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	181.1	1.2
10°-20°	477.5	3.1
20°-30°	934.8	6.0
30°-40°	1901.8	12.3
40°-50°	3206.1	20.7
50°-60°	4096.4	26.4
60°-70°	3497.4	22.6
70°-80°	1117.6	7.2
80°-90°	80.7	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°	15493.4	100.0
0°-180°	15493.4	100.0



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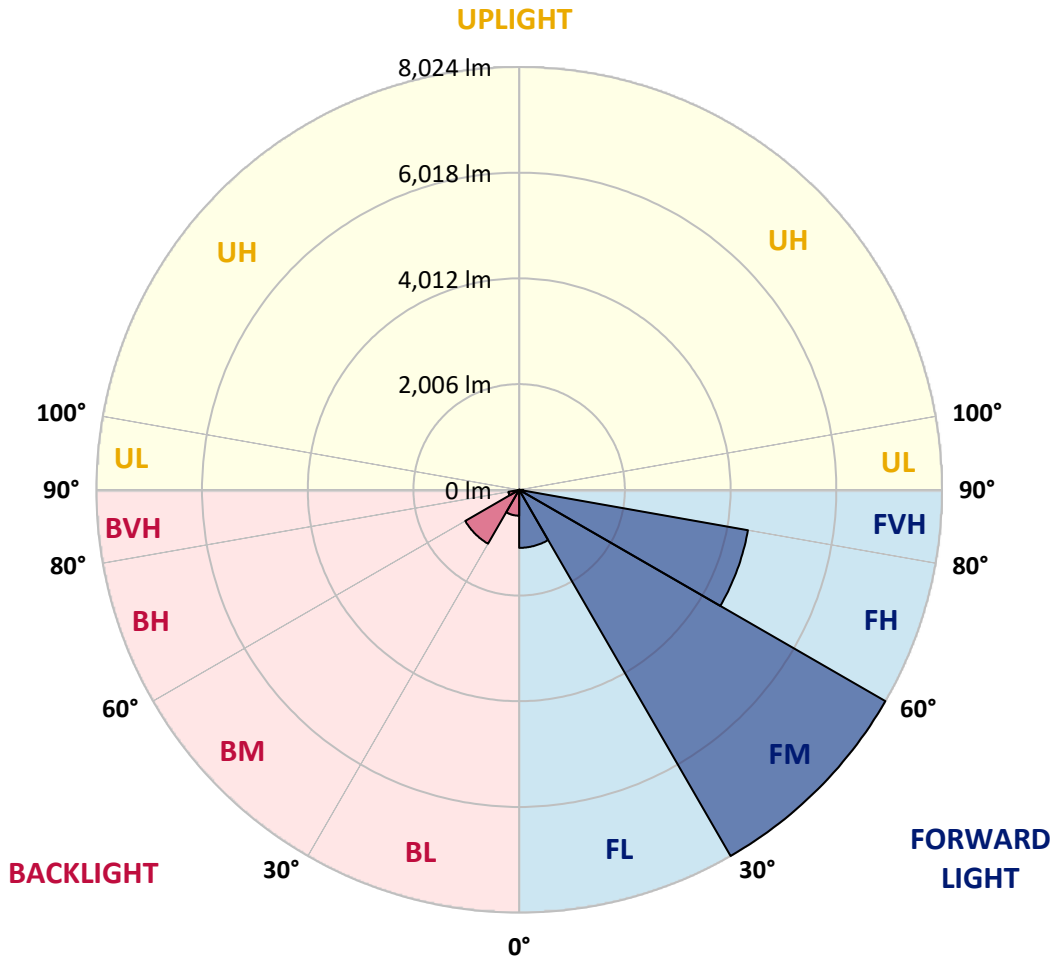
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1101.6	7.1			
FM	(30°-60°)	8023.9	51.8			
FH	(60°-80°)	4408.0	28.5			G2/5000
FVH	(80°-90°)	76.5	0.5			G1/100
BL	(0°-30°)	491.8	3.2	B1/500		
BM	(30°-60°)	1180.4	7.6	B2/2500		
BH	(60°-80°)	207.0	1.3	B1/500		G1/500
BVH	(80°-90°)	4.2	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 III Short



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REPORT NUMBER: P1458360
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	2158.2	2158.2	2158.2	2158.2	2158.2	2158.2	2158.2	2158.2	2158.2	*2158.2*	2158.2
2.5°	2171.4	2175.8	2171.4	2175.8	2184.6	2180.2	2197.8	2193.4	2193.4	*2189.0*	2171.4
5°	2048.1	2052.5	2061.3	2083.3	2114.2	2145.0	2184.6	2211.1	2237.5	*2233.1*	2215.5
7.5°	1805.8	1814.7	1849.9	1893.9	1995.2	2087.7	2189.0	2255.1	2312.4	*2330.0*	2316.8
10°	1669.3	1678.1	1700.1	1744.2	1836.7	1990.8	2189.0	2325.6	2426.9	*2462.1*	2466.5
12.5°	1656.1	1660.5	1678.1	1726.6	1805.8	1938.0	2184.6	2418.1	2589.8	*2642.7*	2660.3
15°	1664.9	1673.7	1691.3	1731.0	1823.5	1973.2	2219.9	2563.4	2805.7	*2880.5*	2884.9
17.5°	1700.1	1708.9	1731.0	1775.0	1876.3	2065.7	2330.0	2713.2	3065.5	*3149.2*	3197.7
20°	1770.6	1775.0	1801.4	1858.7	1973.2	2180.2	2492.9	2915.8	3378.2	*3501.6*	3536.8
22.5°	1863.1	1876.3	1911.6	1982.0	2127.4	2338.8	2717.6	3162.4	3721.8	*3849.5*	3911.2
25°	1964.4	1982.0	2034.9	2149.4	2334.4	2581.0	2995.1	3488.4	4127.0	*4281.2*	4364.9
27.5°	2171.4	2175.8	2211.1	2356.4	2594.2	2898.2	3347.4	3906.8	4602.7	*4783.3*	4875.8
30°	2625.1	2629.5	2598.7	2638.3	2880.5	3272.5	3761.4	4395.7	5157.7	*5408.7*	5483.6
32.5°	3180.0	3202.1	3197.7	3171.2	3281.4	3646.9	4254.7	4981.5	5809.5	*6073.8*	6144.3
35°	3809.9	3862.7	3849.5	3840.7	3853.9	4127.0	4818.5	5628.9	6549.5	*6871.0*	6928.3
37.5°	4426.5	4439.7	4501.4	4576.3	4585.1	4774.5	5470.4	6316.0	7236.6	*7646.2*	7734.3
40°	4902.2	4946.3	5100.4	5250.2	5404.3	5554.1	6007.7	6871.0	7782.7	*8333.3*	8373.0
42.5°	5272.2	5377.9	5602.5	5836.0	6148.7	6316.0	6518.7	7263.0	8227.6	*8945.5*	8927.9
45°	5721.4	5765.5	6082.6	6390.9	6708.1	6963.5	6959.1	7593.4	8575.6	*9469.7*	9359.6
47.5°	6025.4	6078.2	6509.8	6871.0	7196.9	7324.7	7351.1	7950.1	9055.6	*10103.9*	9844.1
50°	6188.3	6280.8	6752.1	7210.2	7562.5	7602.2	7721.1	8417.0	9685.5	*10945.2*	10456.3
52.5°	6205.9	6294.0	6835.8	7426.0	7809.2	7888.5	8091.1	8945.5	10297.7	*11619.1*	10808.6
55°	*5840.4*	*5893.2*	*6734.5*	*7461.2*	*8003.0*	*8188.0*	*8602.0*	*9434.4*	*10654.5*	*11931.8*	*10777.8*
57.5°	5496.8	5549.7	6280.8	7399.6	8201.2	8580.0	9148.1	9769.2	10377.0	*11544.2*	10090.7
60°	5201.7	5228.1	5893.2	7113.3	8276.1	8963.2	9619.4	9438.8	9659.1	*10614.8*	8914.7
62.5°	4646.7	4664.4	5452.8	6597.9	8126.3	9258.3	9782.4	8738.5	8870.7	*9333.1*	7531.7
65°	3510.4	3576.5	4298.8	6210.3	7879.6	9394.8	9403.6	7884.1	7747.5	*7637.4*	5924.0
67.5°	2382.8	2457.7	2893.8	5584.9	7478.8	9452.1	8668.1	6778.5	5902.0	*5333.8*	3880.4
70°	1902.7	1902.7	2052.5	4488.2	6527.5	8720.9	7756.3	5118.0	3748.2	*2946.6*	2078.9
72.5°	1250.9	1255.3	1396.2	2849.7	4629.1	6650.8	6324.9	2959.8	1946.8	*1501.9*	1026.2
75°	453.7	453.7	612.2	1140.8	2448.9	3959.6	3853.9	1413.8	1057.1	*819.2*	621.0
77.5°	242.2	251.1	295.1	471.3	938.2	1612.0	1506.3	722.3	599.0	*510.9*	387.6
80°	163.0	167.4	198.2	290.7	453.7	621.0	484.5	405.2	405.2	*343.6*	259.9
82.5°	88.1	92.5	132.1	189.4	242.2	290.7	233.4	237.8	286.3	*233.4*	149.8
85°	61.7	61.7	101.3	136.5	136.5	140.9	101.3	149.8	167.4	*145.3*	101.3
87.5°	35.2	35.2	57.3	66.1	66.1	61.7	30.8	52.9	66.1	*74.9*	44.0
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: P1458360
CATALOG NUMBER: GLAN-SB4B-830-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2158.2	2158.2	2158.2	2158.2	2158.2	2158.2	2158.2	2158.2	2158.2	2158.2	2158.2
2.5°	2167.0	2153.8	2127.4	2074.5	2048.1	2012.9	1982.0	1942.4	1933.6	1929.2	1911.6
5°	2202.2	2175.8	2096.5	1982.0	1885.1	1792.6	1700.1	1647.3	1603.2	1581.2	1576.8
7.5°	2290.3	2237.5	2092.1	1889.5	1708.9	1550.4	1413.8	1294.9	1233.3	1180.4	1184.8
10°	2422.5	2338.8	2100.9	1801.4	1532.8	1277.3	1079.1	907.3	784.0	726.7	722.3
12.5°	2598.7	2479.7	2131.8	1713.3	1316.9	960.2	709.1	607.8	581.4	577.0	572.6
15°	2814.5	2647.1	2162.6	1598.8	1026.2	665.1	577.0	555.0	550.6	546.2	546.2
17.5°	3074.3	2840.9	2180.2	1405.0	748.8	572.6	541.8	528.5	524.1	519.7	519.7
20°	3400.3	3056.7	2202.2	1158.4	634.2	550.6	515.3	497.7	493.3	493.3	488.9
22.5°	3721.8	3299.0	2184.6	942.6	612.2	524.1	484.5	466.9	458.1	458.1	453.7
25°	4091.8	3545.6	2131.8	850.1	607.8	502.1	453.7	427.2	414.0	409.6	409.6
27.5°	4514.6	3827.5	2048.1	854.5	607.8	484.5	414.0	378.8	370.0	361.2	361.2
30°	4999.1	4171.1	1986.4	911.7	616.6	466.9	378.8	334.7	321.5	312.7	317.1
32.5°	5554.1	4554.3	1982.0	1004.2	629.8	440.4	339.1	290.7	277.5	273.1	277.5
35°	6183.9	5029.9	2083.3	1074.7	594.6	383.2	290.7	251.1	237.8	237.8	242.2
37.5°	6884.2	5576.1	2219.9	1057.1	480.1	303.9	251.1	220.2	207.0	211.4	215.8
40°	7522.9	6003.3	2241.9	902.9	361.2	259.9	215.8	193.8	185.0	189.4	193.8
42.5°	8007.4	6346.9	2030.5	700.3	303.9	220.2	185.0	167.4	163.0	171.8	171.8
45°	8399.4	6483.4	1695.7	519.7	268.7	189.4	163.0	154.2	145.3	149.8	149.8
47.5°	8809.0	6505.4	1383.0	418.4	237.8	171.8	149.8	140.9	132.1	132.1	132.1
50°	9205.4	6452.6	1057.1	370.0	220.2	154.2	136.5	127.7	118.9	114.5	114.5
52.5°	9302.3	6029.8	775.2	343.6	202.6	145.3	127.7	118.9	110.1	105.7	105.7
55°	*9033.6*	*5228.1*	*607.8*	*308.3*	*185.0*	*132.1*	*118.9*	*110.1*	*96.9*	*92.5*	*92.5*
57.5°	8148.3	3986.1	484.5	264.3	167.4	127.7	110.1	101.3	88.1	83.7	83.7
60°	6998.7	2827.7	392.0	215.8	154.2	114.5	101.3	88.1	79.3	70.5	70.5
62.5°	5725.8	2030.5	317.1	180.6	145.3	101.3	92.5	79.3	61.7	48.4	48.4
65°	4391.3	1457.9	246.7	145.3	132.1	88.1	79.3	66.1	48.4	35.2	35.2
67.5°	2840.9	942.6	185.0	127.7	101.3	74.9	61.7	52.9	44.0	30.8	26.4
70°	1497.5	550.6	136.5	110.1	74.9	57.3	52.9	44.0	35.2	22.0	22.0
72.5°	775.2	361.2	101.3	96.9	57.3	39.6	44.0	35.2	26.4	13.2	13.2
75°	497.7	242.2	74.9	79.3	35.2	30.8	30.8	22.0	13.2	8.8	4.4
77.5°	321.5	163.0	52.9	66.1	22.0	17.6	17.6	8.8	4.4	0.0	0.0
80°	189.4	101.3	35.2	44.0	8.8	8.8	4.4	0.0	0.0	0.0	0.0
82.5°	96.9	52.9	17.6	17.6	4.4	0.0	0.0	0.0	0.0	0.0	0.0
85°	61.7	26.4	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	30.8	8.8	4.4	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

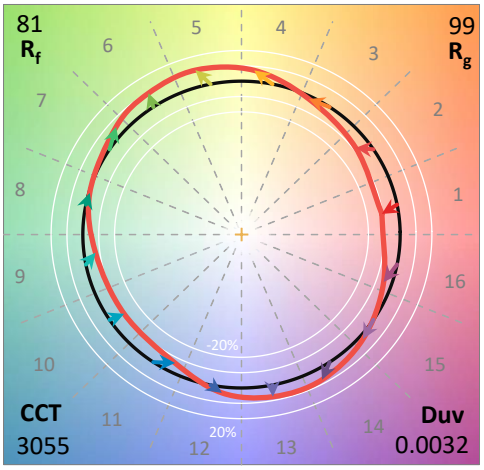
Test Information

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

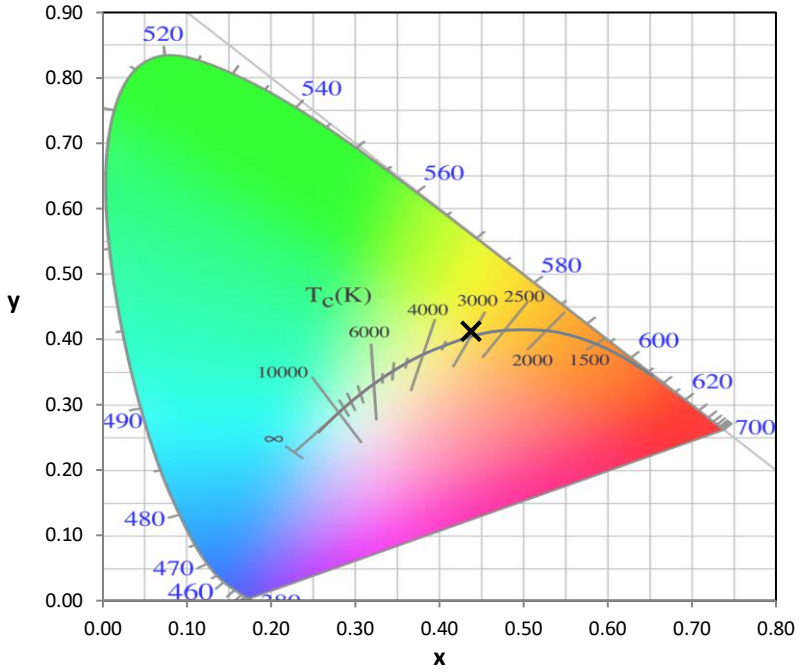
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

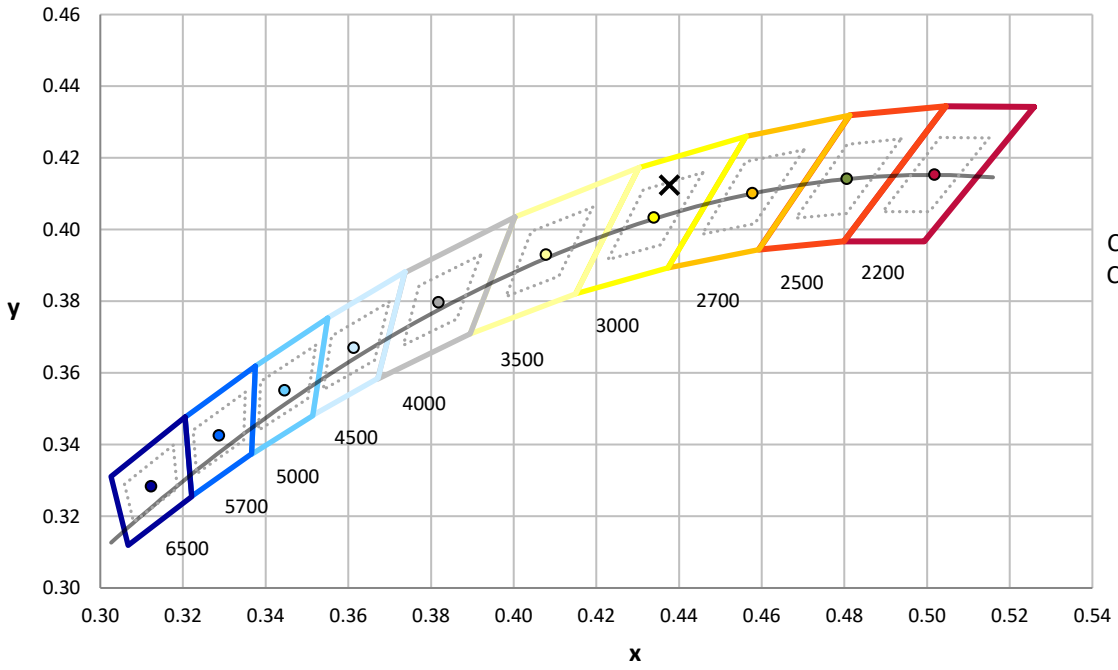
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

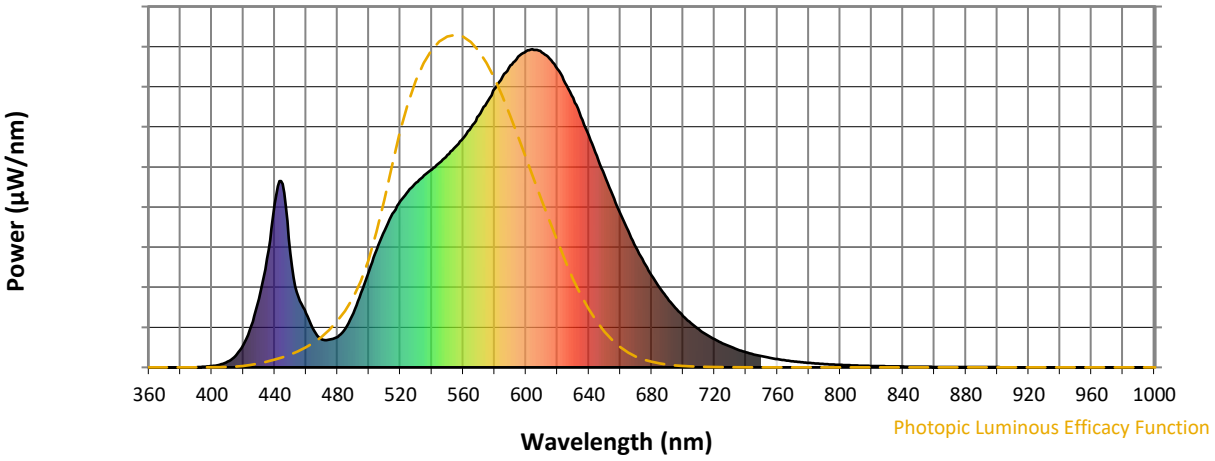


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

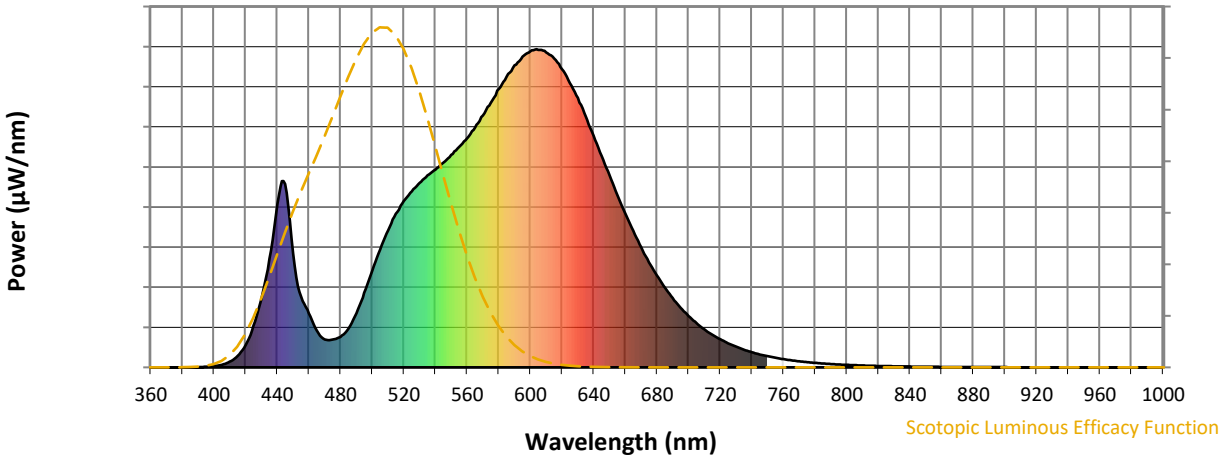


Photopic Lumens: NR

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

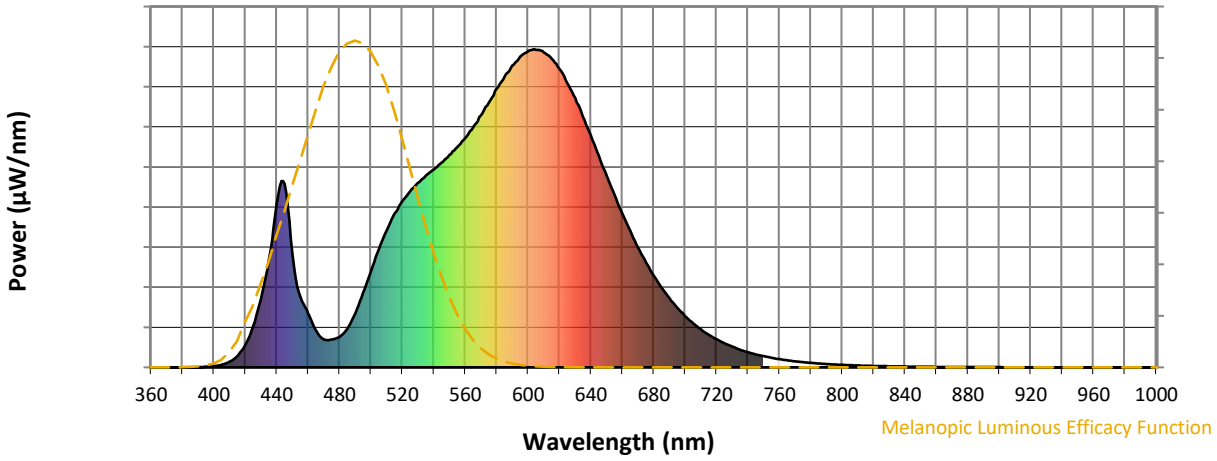


Scotopic Lumens: NR **S/P: 1.28**

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			

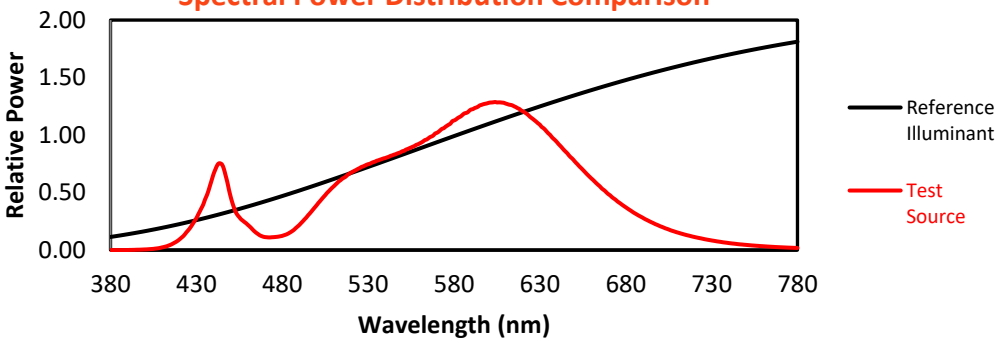
REPORT NUMBER: SP1-2407-184-9

TM-30-18

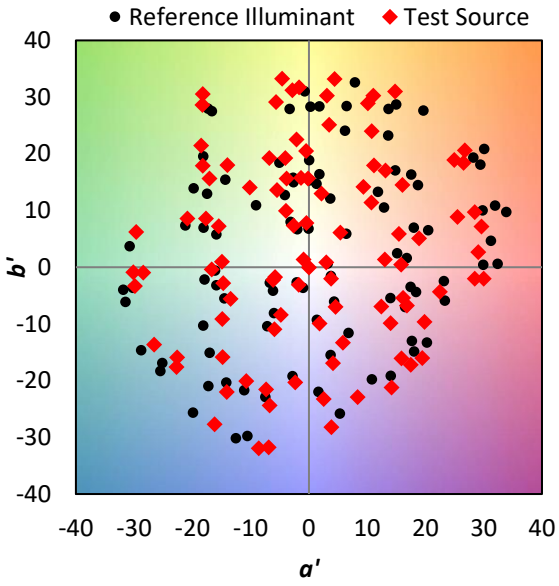
Summary

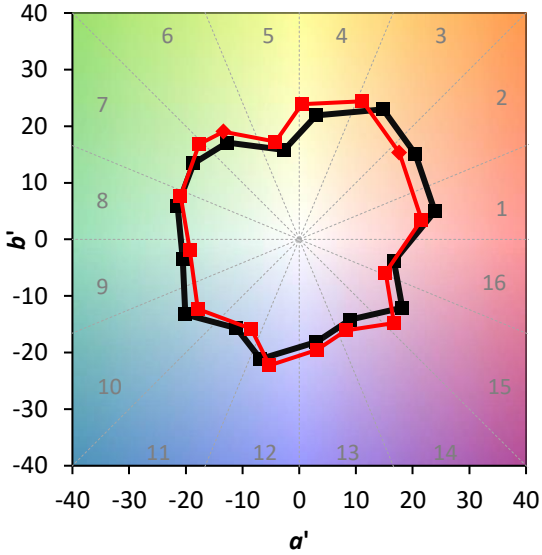
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

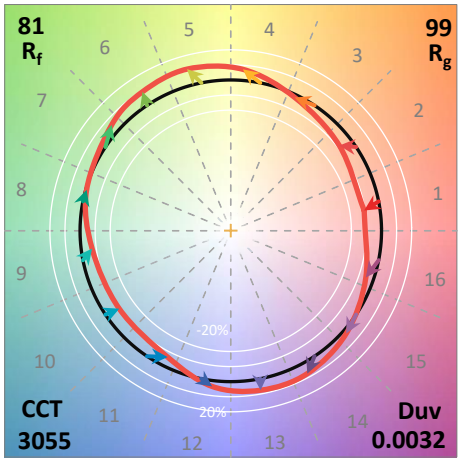
Spectral Power Distribution Comparison

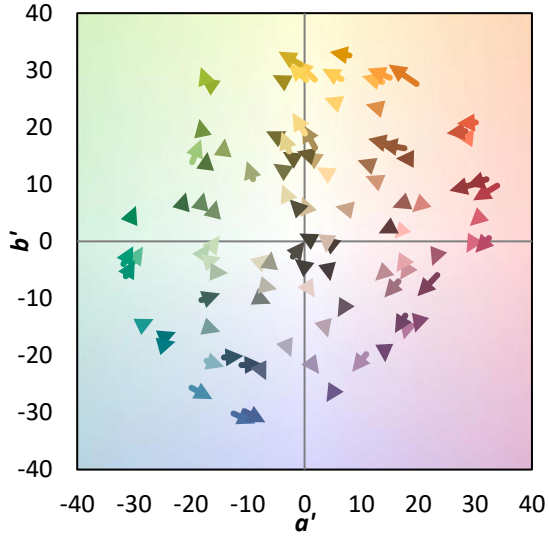


Color Vector Graphics







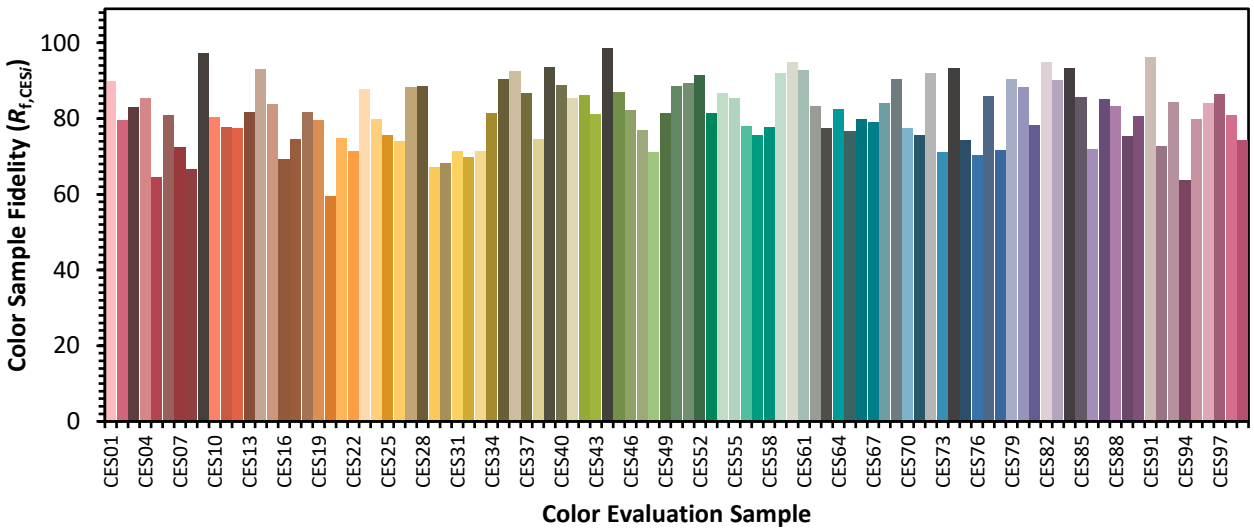


REPORT NUMBER: SP1-2407-184-9

TM-30-18

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

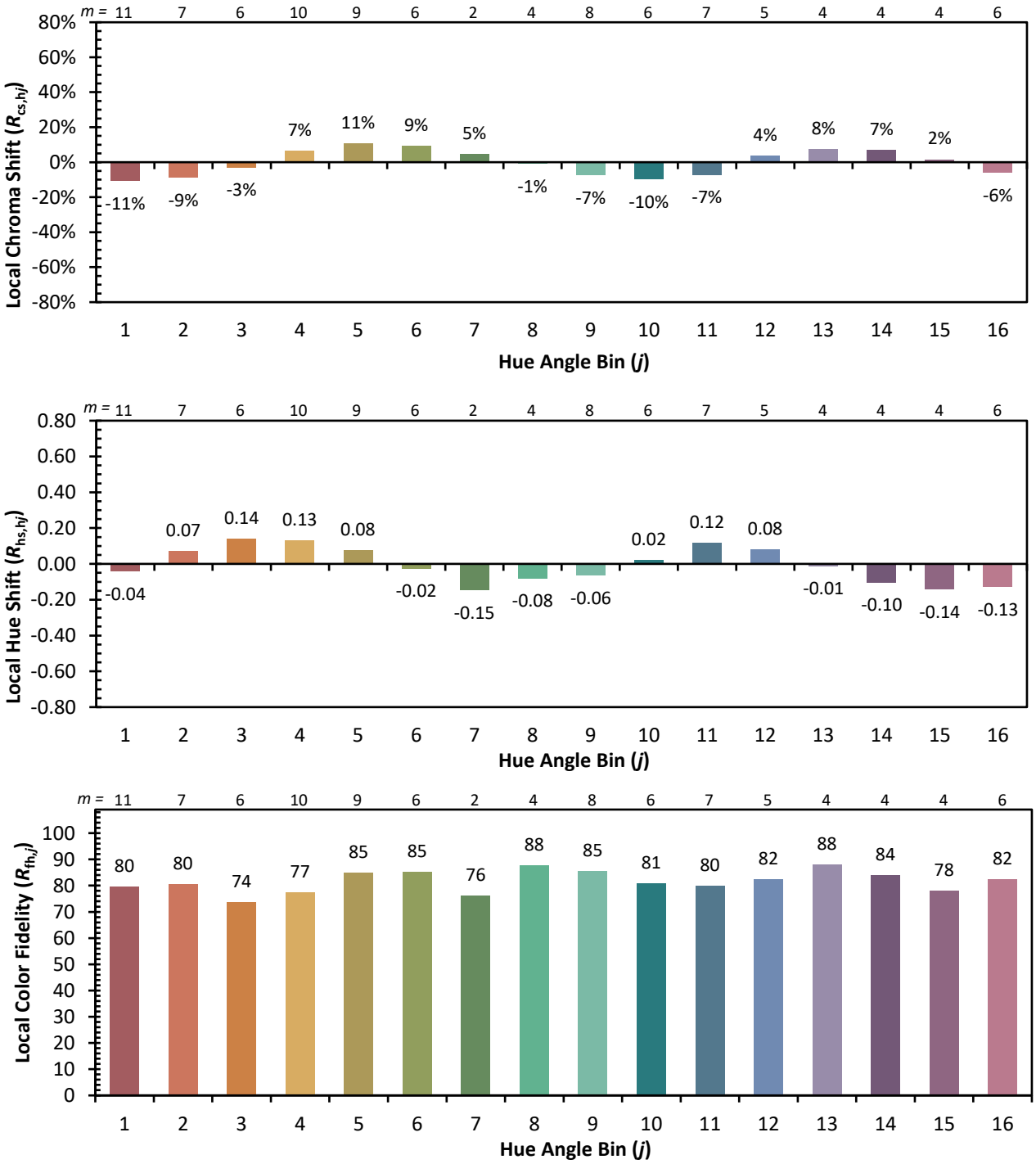
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

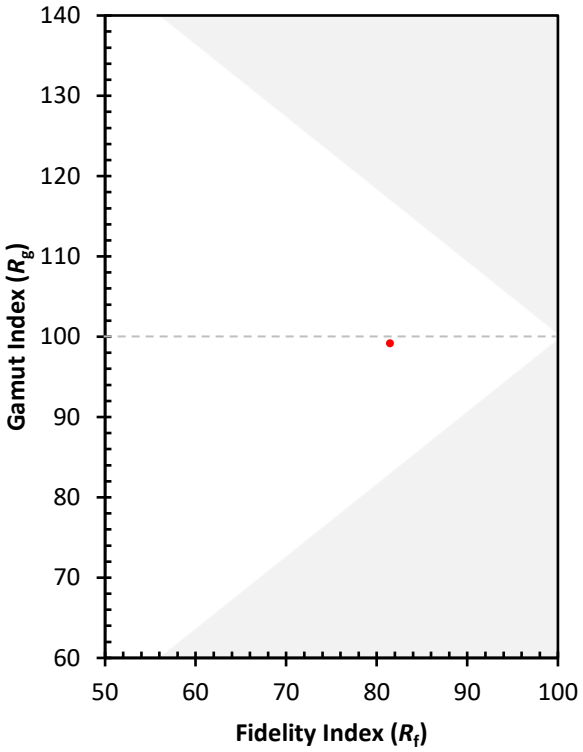
Color Rendition by Hue-Angle Bin

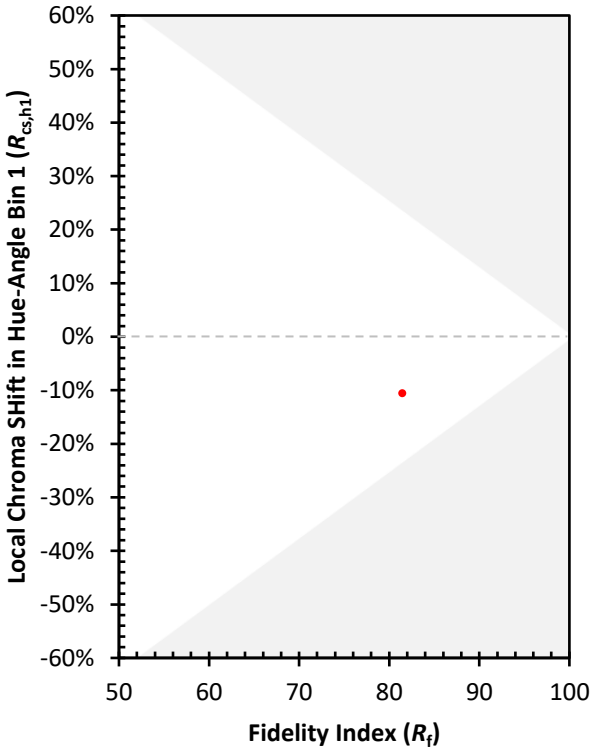


REPORT NUMBER: SP1-2407-184-9

TM-30-18

Measure Comparisons





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