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: P1458998

Luminaire Tested: GLAN-SB1D-840-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:	P1458998
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB1D-840-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 1xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(26) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7059.3 lumens
Efficiency:	N/A
Efficacy:	88.7 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	79.6
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: P1458998
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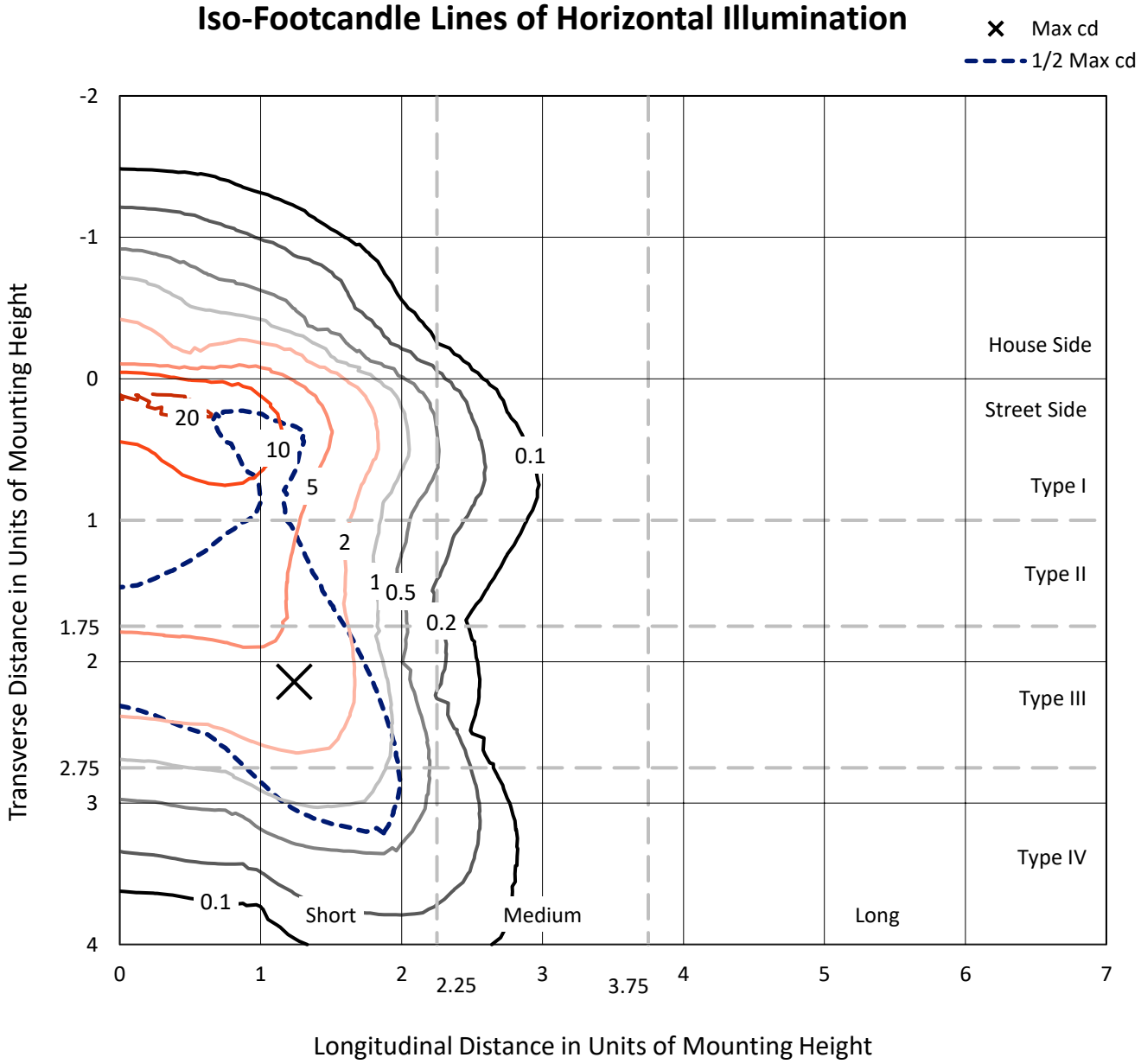
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 21.3 fc
Type IV - Short - N/A

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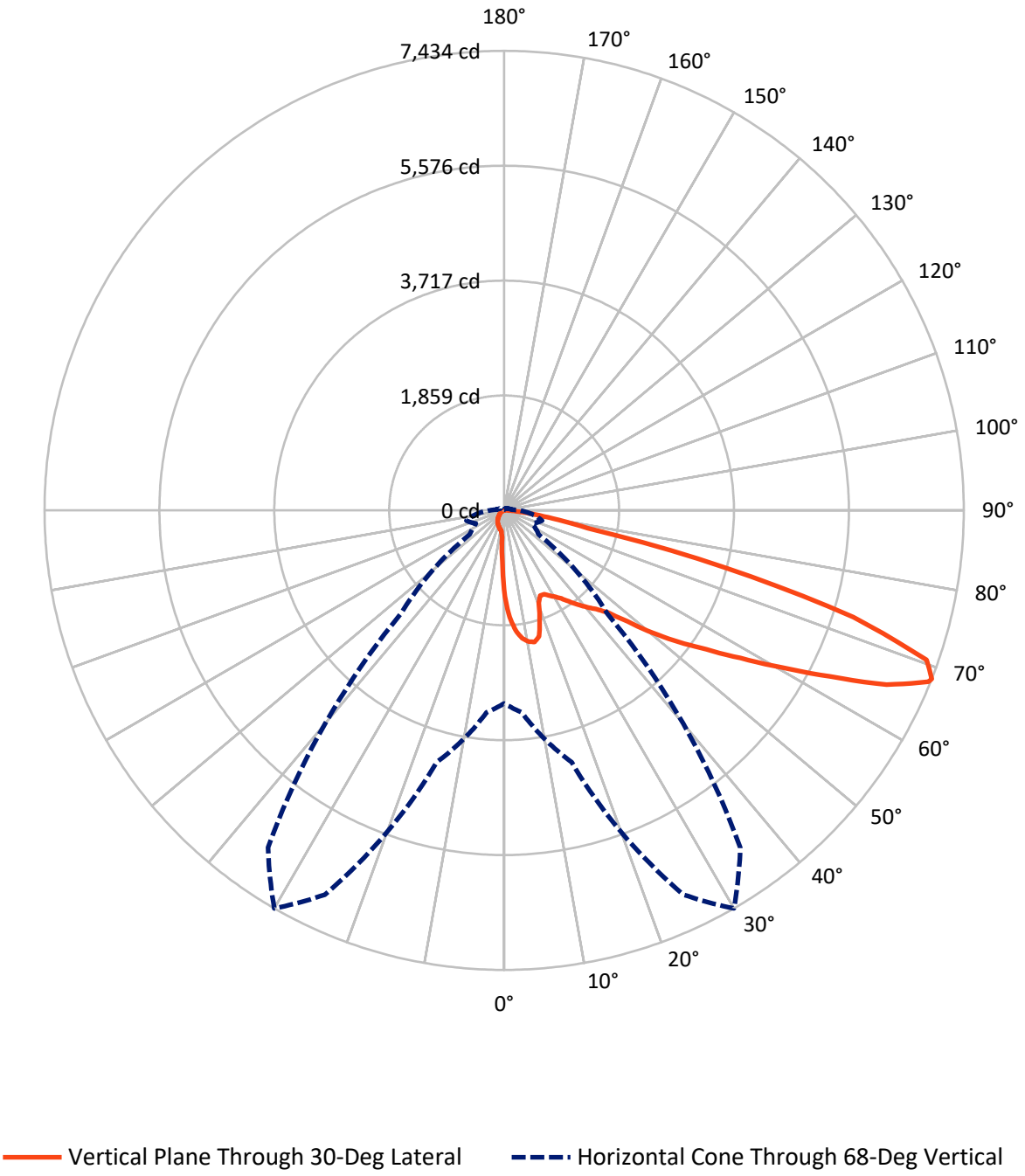
Luminous Intensity Polar Plot



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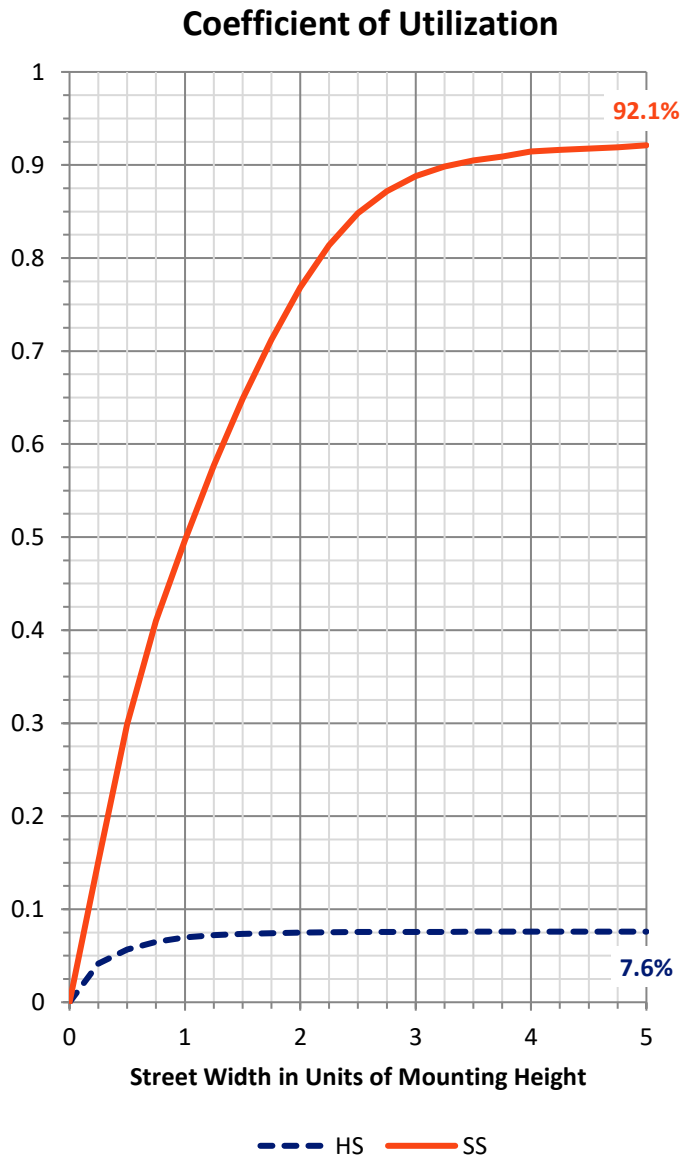
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	538.8	0.0	538.8
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	6520.5	0.0	6520.5
	% Fixture	92.4	0.0	92.4
Total	Lumens	7059.3	0.0	7059.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	120.1	1.7
10°-20°	342.9	4.9
20°-30°	538.9	7.6
30°-40°	845.2	12.0
40°-50°	1263.3	17.9
50°-60°	1680.6	23.8
60°-70°	1624.7	23.0
70°-80°	584.0	8.3
80°-90°	59.6	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°	7059.3	100.0
0°-180°	7059.3	100.0



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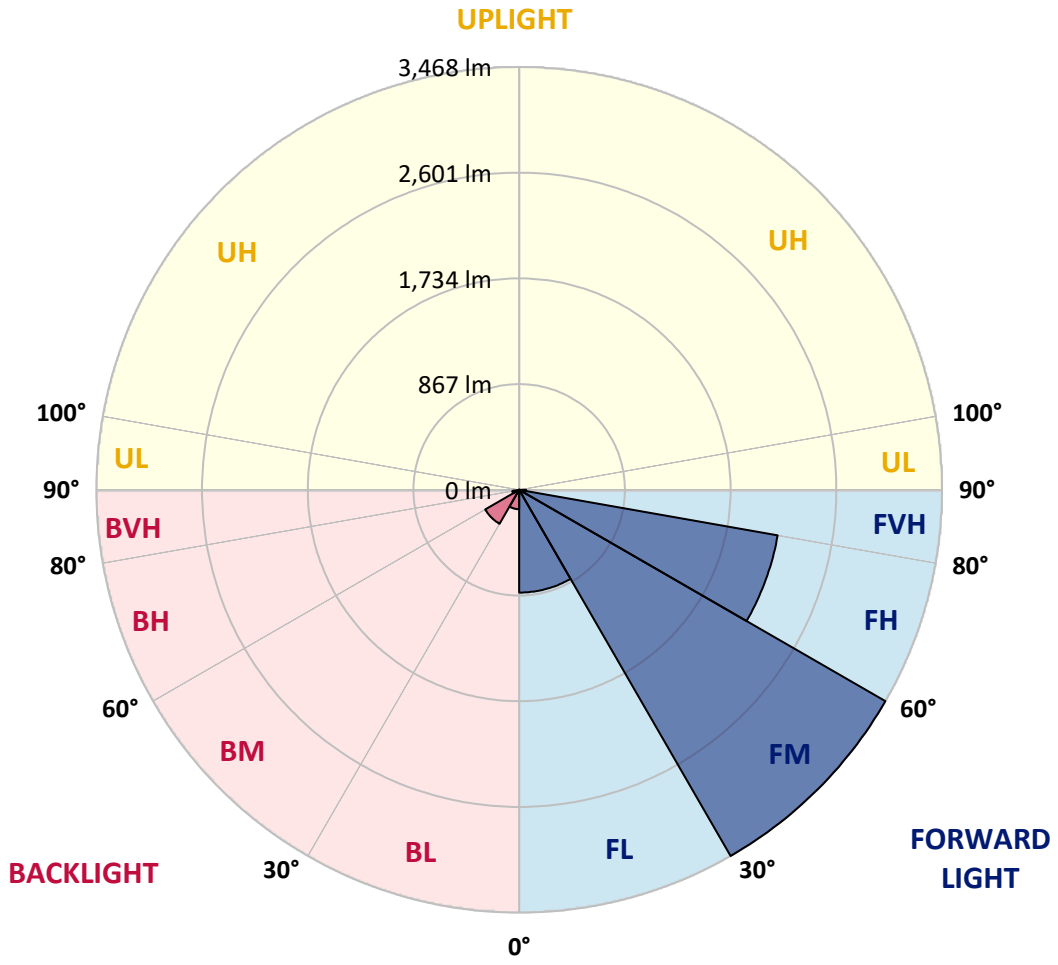
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	842.9	11.9			
FM	(30°-60°)	3467.5	49.1			
FH	(60°-80°)	2152.6	30.5			G2/5000
FVH	(80°-90°)	57.5	0.8			G1/100
BL	(0°-30°)	159.0	2.3	B1/500		
BM	(30°-60°)	321.6	4.6	B1/1000		
BH	(60°-80°)	56.0	0.8	B0/110		G0/110
BVH	(80°-90°)	2.1	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-G2
Type IV Short



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Scaled Data Report

REPORT NUMBER: P1458998
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	1392.0	1392.0	1392.0	1392.0	1392.0	1392.0	1392.0	1392.0	1392.0	1392.0	1392.0
2.5°	1779.2	1779.2	1766.5	1749.5	1730.5	1724.2	1688.2	1637.4	1584.5	1523.2	1434.3
5°	2007.6	2005.5	1980.1	1980.1	1954.7	1931.5	1895.5	1821.5	1736.8	1626.8	1472.4
7.5°	2109.2	2113.4	2102.8	2102.8	2088.0	2071.1	2049.9	1978.0	1878.6	1730.5	1510.5
10°	2145.1	2147.3	2147.3	2162.1	2157.8	2155.7	2153.6	2113.4	2009.7	1836.3	1550.7
12.5°	2058.4	2069.0	2098.6	2164.2	2185.3	2208.6	2240.3	2227.6	2155.7	1969.6	1612.0
15°	1779.2	1781.3	1863.8	2026.7	2113.4	2202.3	2325.0	2350.3	2303.8	2113.4	1675.5
17.5°	1468.2	1474.5	1540.1	1722.0	1861.7	2066.9	2373.6	2477.3	2460.4	2255.2	1734.7
20°	1339.1	1347.6	1379.3	1493.6	1599.3	1789.7	2325.0	2597.9	2604.2	2396.9	1789.7
22.5°	1309.5	1315.9	1341.2	1430.1	1495.7	1622.6	2160.0	2693.1	2767.1	2559.8	1855.3
25°	1301.0	1307.4	1345.5	1442.8	1504.1	1609.9	2009.7	2743.8	2959.6	2729.0	1918.8
27.5°	1294.7	1303.2	1364.5	1489.3	1561.3	1662.8	1982.2	2754.4	3143.7	2908.8	2022.4
30°	1303.2	1315.9	1396.2	1538.0	1620.5	1734.7	2047.8	2765.0	3346.8	3114.1	2153.6
32.5°	1337.0	1347.6	1444.9	1603.6	1698.8	1827.8	2160.0	2828.5	3539.3	3323.5	2278.4
35°	1375.1	1389.9	1506.3	1696.7	1810.9	1956.9	2312.3	2953.3	3723.3	3522.4	2407.5
37.5°	1421.6	1438.6	1578.2	1802.4	1933.6	2098.6	2477.3	3126.7	3886.2	3685.2	2536.5
40°	1485.1	1504.1	1660.7	1914.6	2056.3	2221.3	2640.2	3298.1	4011.0	3782.6	2621.1
42.5°	1734.7	1760.1	1825.7	2024.6	2183.2	2352.5	2801.0	3461.0	4057.6	3814.3	2638.1
45°	2200.1	2225.5	2208.6	2246.7	2352.5	2511.1	2976.5	3617.5	4063.9	3805.8	2629.6
47.5°	2667.7	2697.3	2682.5	2661.3	2684.6	2760.8	3173.3	3717.0	4030.1	3801.6	2629.6
50°	3114.1	3097.1	3099.2	3092.9	3114.1	3154.2	3363.7	3736.0	4021.6	3841.8	2652.9
52.5°	3353.1	3361.6	3414.5	3492.7	3539.3	3579.5	3581.6	3765.6	3960.3	3774.1	2625.4
55°	3587.9	3604.9	3727.6	3860.8	3964.5	4040.7	3799.5	3746.6	3594.3	3547.7	2481.5
57.5°	3852.4	3875.6	4049.1	4324.1	4506.1	4546.3	4015.3	3391.2	3042.1	3224.1	2202.3
60°	4216.2	4243.7	4474.3	4886.9	5157.7	5075.1	4032.2	2826.3	2415.9	2676.1	1817.2
62.5°	4501.8	4556.8	4973.6	5616.7	5915.0	5652.7	3717.0	2166.3	1688.2	1880.7	1326.4
65°	4197.2	4303.0	4982.1	6452.4	6797.2	6331.8	3221.9	1478.8	952.0	1216.4	848.3
67.5°	3393.3	3541.4	4423.6	6858.5	7402.2	6689.3	2536.5	784.9	545.8	706.6	446.4
68°	3122.5	3283.3	4218.4	6858.5	7434.0	6657.6	2354.6	679.1	503.5	634.7	387.1
70°	2157.8	2272.1	3243.1	6473.5	7247.8	6069.4	1550.7	389.3	378.7	435.8	256.0
72.5°	1057.8	1180.5	1734.7	5130.1	5904.4	4664.7	706.6	258.1	287.7	319.4	201.0
75°	421.0	446.4	683.3	2530.2	3689.5	2976.5	370.2	194.6	247.5	249.6	158.7
77.5°	241.2	256.0	378.7	930.8	1383.6	1330.7	239.1	139.6	196.7	179.8	103.7
80°	135.4	137.5	213.7	490.8	791.2	708.7	162.9	101.5	150.2	126.9	69.8
82.5°	67.7	76.2	135.4	270.8	440.0	450.6	86.7	71.9	120.6	91.0	57.1
85°	48.7	52.9	97.3	150.2	203.1	304.6	52.9	36.0	91.0	61.4	40.2
87.5°	25.4	31.7	61.4	74.0	82.5	103.7	25.4	16.9	50.8	36.0	21.2
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: P1458998
CATALOG NUMBER: GLAN-SB1D-840-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1392.0	1392.0	1392.0	1392.0	1392.0	1392.0	1392.0	1392.0	1392.0	1392.0	1392.0
2.5°	1392.0	1343.4	1243.9	1127.6	1036.6	943.5	867.4	795.4	761.6	757.4	765.8
5°	1385.7	1279.9	1053.5	831.4	649.5	522.5	452.7	416.8	397.7	389.3	391.4
7.5°	1373.0	1212.2	850.4	562.7	421.0	366.0	349.1	342.7	340.6	340.6	340.6
10°	1360.3	1121.2	651.6	412.5	344.8	330.0	325.8	325.8	323.7	323.7	325.8
12.5°	1353.9	1036.6	505.6	344.8	321.6	315.2	311.0	308.9	308.9	308.9	311.0
15°	1339.1	943.5	408.3	319.4	306.8	298.3	296.2	294.1	294.1	294.1	294.1
17.5°	1326.4	852.6	355.4	302.5	291.9	283.5	281.4	279.2	279.2	281.4	281.4
20°	1307.4	765.8	319.4	285.6	277.1	268.7	266.6	264.4	266.6	266.6	266.6
22.5°	1284.1	693.9	298.3	272.9	262.3	253.9	253.9	253.9	253.9	253.9	256.0
25°	1269.3	643.1	283.5	258.1	247.5	241.2	239.1	239.1	243.3	243.3	245.4
27.5°	1292.6	630.4	285.6	253.9	234.8	228.5	226.4	226.4	230.6	232.7	234.8
30°	1362.4	653.7	311.0	266.6	226.4	215.8	213.7	213.7	220.0	222.1	224.2
32.5°	1442.8	702.4	349.1	283.5	220.0	203.1	198.9	198.9	205.2	207.3	209.4
35°	1552.8	778.5	399.8	298.3	224.2	190.4	181.9	181.9	186.2	190.4	192.5
37.5°	1694.5	903.3	459.1	308.9	224.2	175.6	165.0	162.9	167.1	167.1	169.2
40°	1842.6	1066.2	520.4	308.9	213.7	160.8	150.2	143.9	146.0	143.9	146.0
42.5°	1925.1	1197.4	573.3	289.8	201.0	146.0	135.4	126.9	124.8	120.6	122.7
45°	1971.7	1256.6	558.5	268.7	188.3	135.4	122.7	112.1	107.9	101.5	101.5
47.5°	1971.7	1263.0	478.1	251.7	175.6	126.9	110.0	99.4	93.1	86.7	88.9
50°	1948.4	1205.8	378.7	234.8	160.8	118.5	99.4	91.0	82.5	78.3	78.3
52.5°	1851.1	1019.7	289.8	213.7	143.9	107.9	88.9	80.4	71.9	69.8	69.8
55°	1684.0	748.9	234.8	192.5	129.0	99.4	80.4	74.0	65.6	61.4	61.4
57.5°	1368.7	512.0	194.6	173.5	114.2	88.9	71.9	65.6	55.0	50.8	50.8
60°	1015.5	334.3	165.0	152.3	97.3	80.4	63.5	55.0	46.5	42.3	40.2
62.5°	685.4	226.4	137.5	120.6	82.5	69.8	55.0	46.5	36.0	27.5	27.5
65°	427.3	175.6	114.2	95.2	71.9	61.4	46.5	36.0	25.4	19.0	16.9
67.5°	245.4	141.7	93.1	74.0	61.4	48.7	36.0	29.6	21.2	14.8	12.7
68°	*226.4*	*135.4*	*86.7*	*69.8*	*57.1*	*46.5*	*33.8*	*27.5*	*19.0*	*12.7*	*12.7*
70°	184.1	120.6	74.0	57.1	48.7	38.1	29.6	23.3	14.8	8.5	8.5
72.5°	162.9	101.5	63.5	44.4	33.8	31.7	23.3	16.9	10.6	6.3	4.2
75°	133.3	80.4	50.8	33.8	23.3	23.3	16.9	10.6	4.2	0.0	0.0
77.5°	86.7	59.2	40.2	21.2	12.7	14.8	10.6	4.2	0.0	0.0	0.0
80°	57.1	44.4	27.5	10.6	6.3	6.3	2.1	0.0	0.0	0.0	0.0
82.5°	40.2	29.6	16.9	4.2	2.1	2.1	0.0	0.0	0.0	0.0	0.0
85°	25.4	12.7	6.3	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.6	4.2	2.1	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

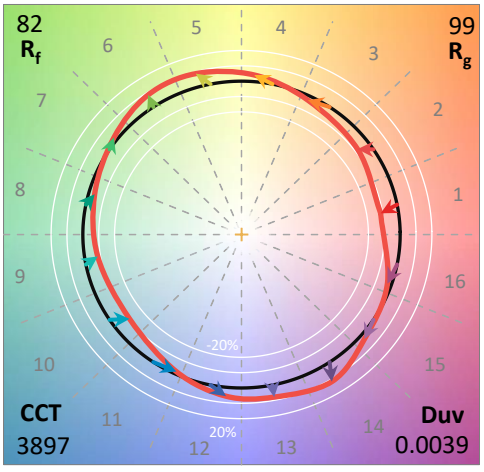
Test Information

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

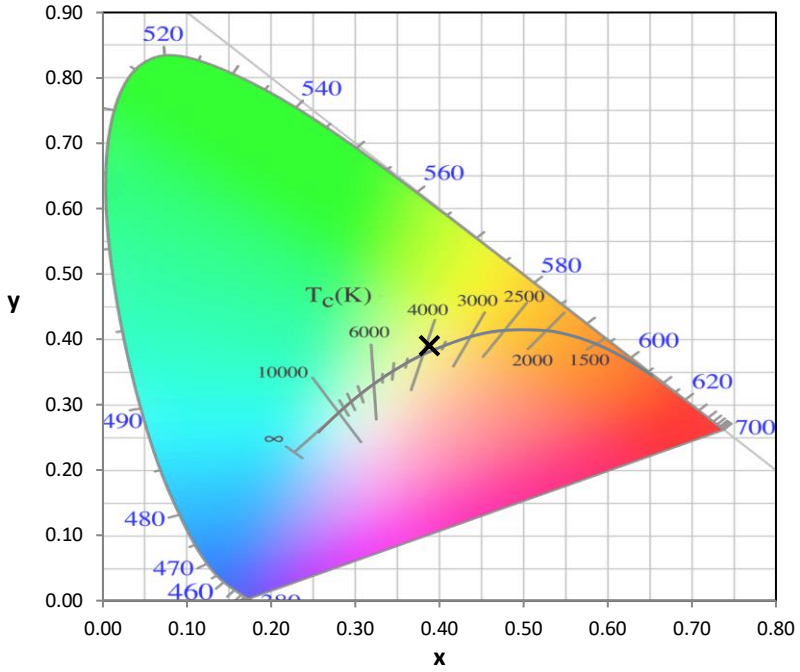
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

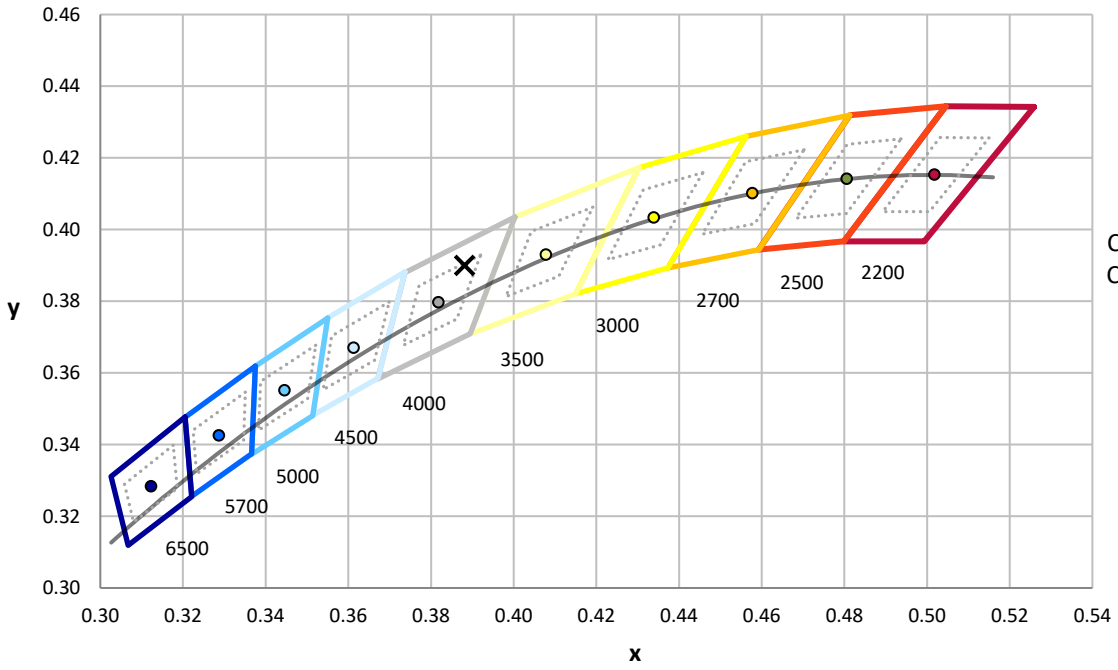
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

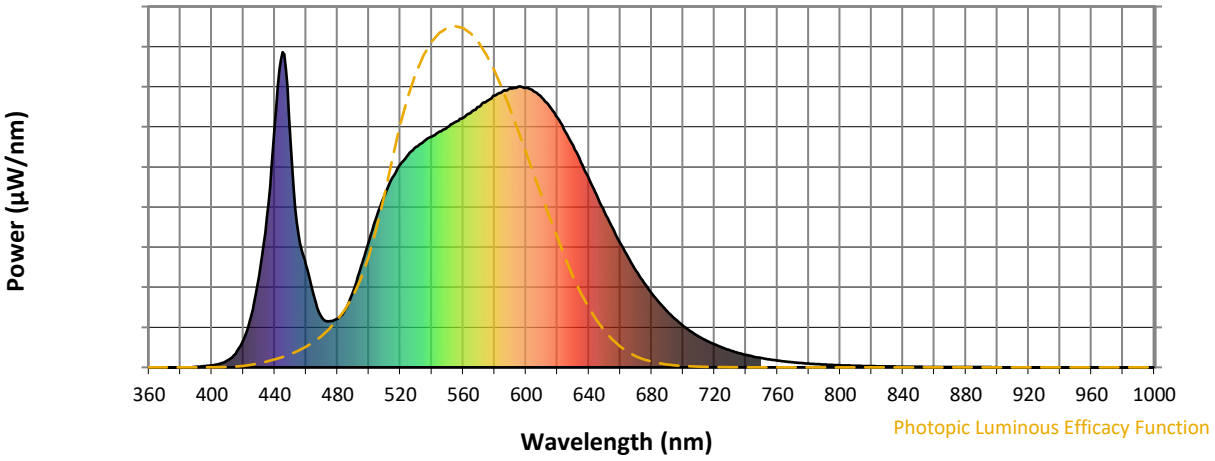


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

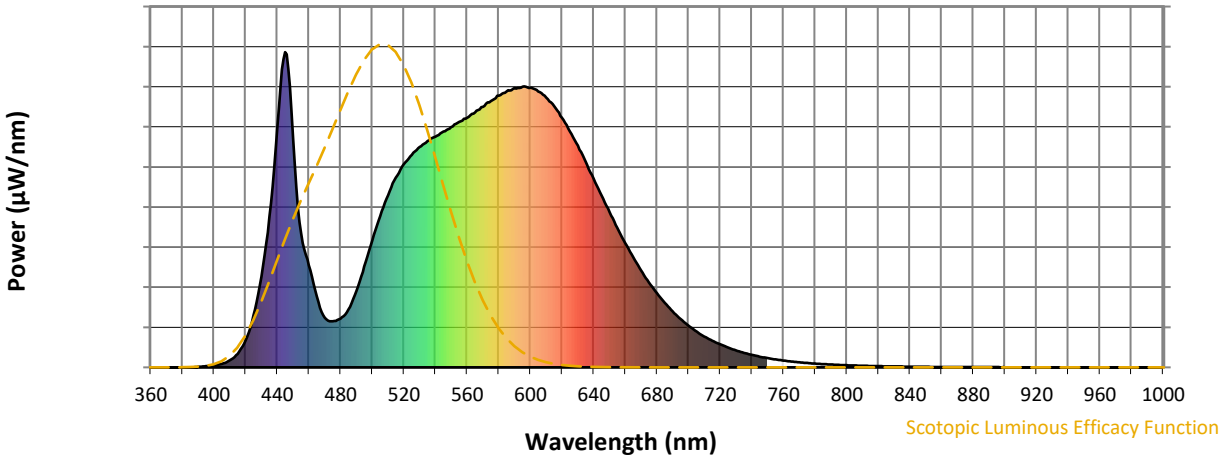


Photopic Lumens: NR

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

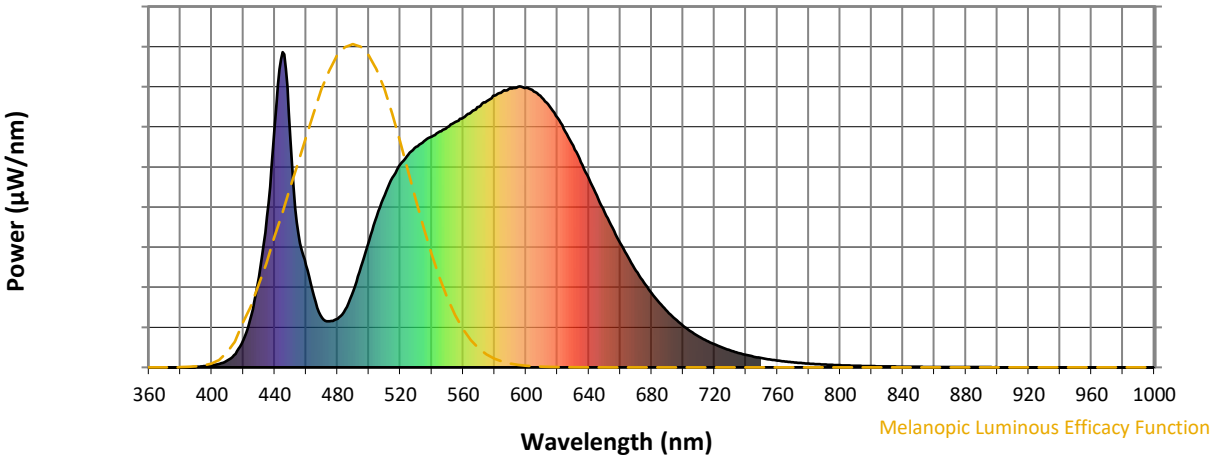


Scotopic Lumens: NR **S/P: 1.57**

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			

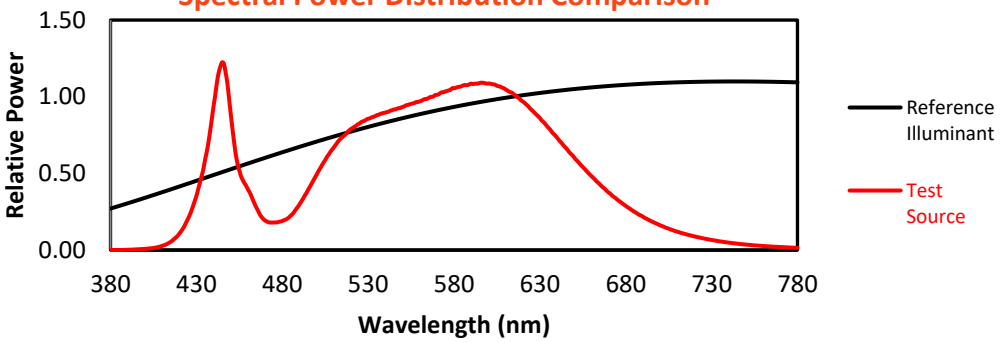
REPORT NUMBER: SP1-2407-184-11

TM-30-18

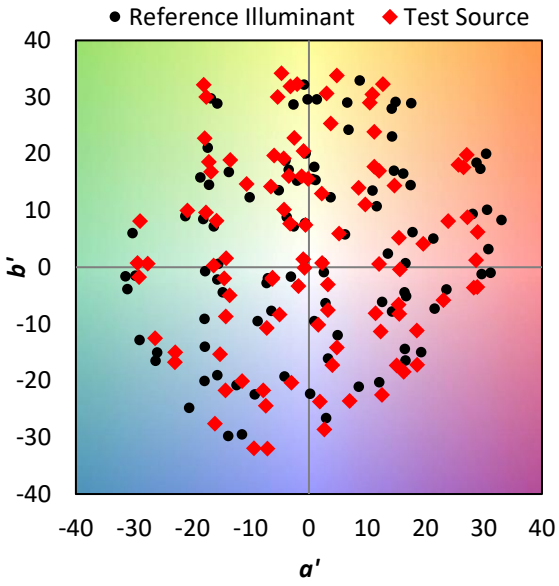
Summary

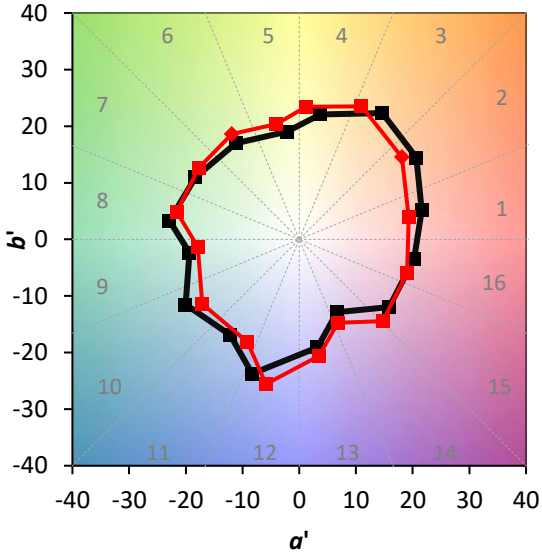
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

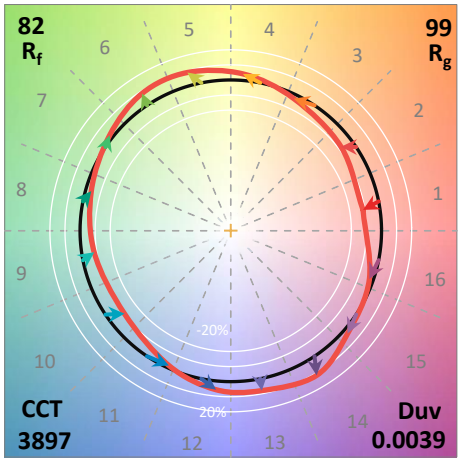
Spectral Power Distribution Comparison

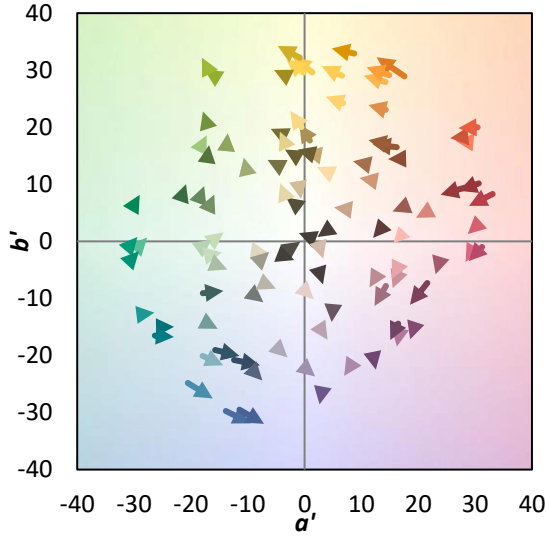


Color Vector Graphics







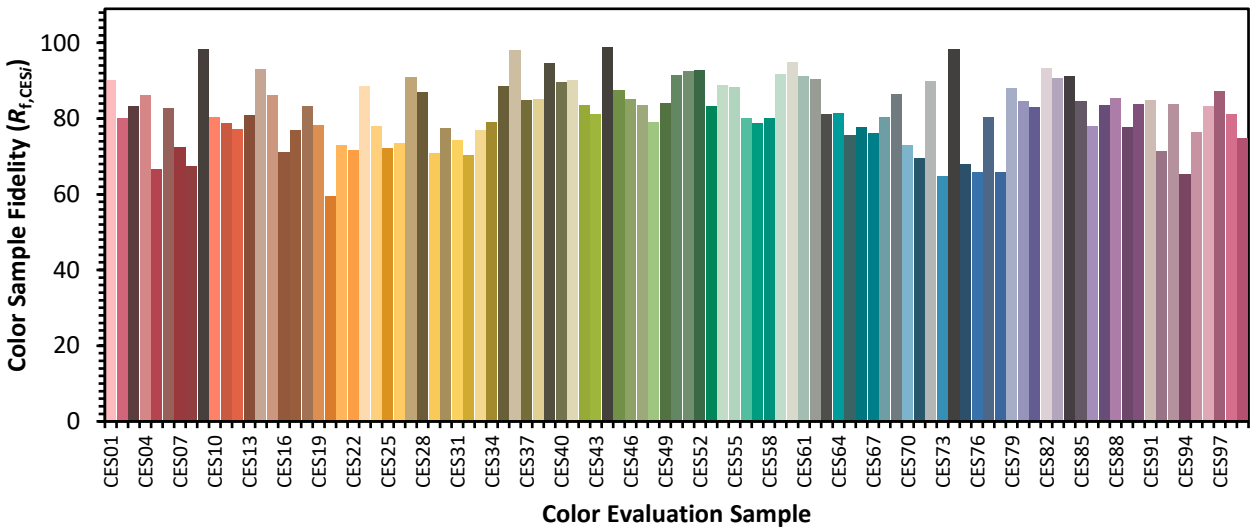


REPORT NUMBER: SP1-2407-184-11

TM-30-18

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

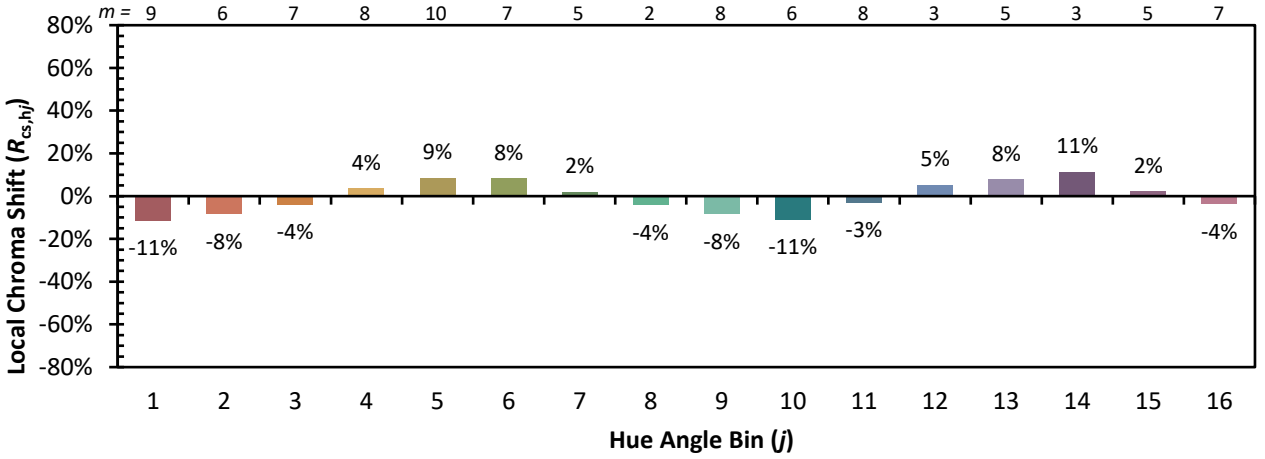
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 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	

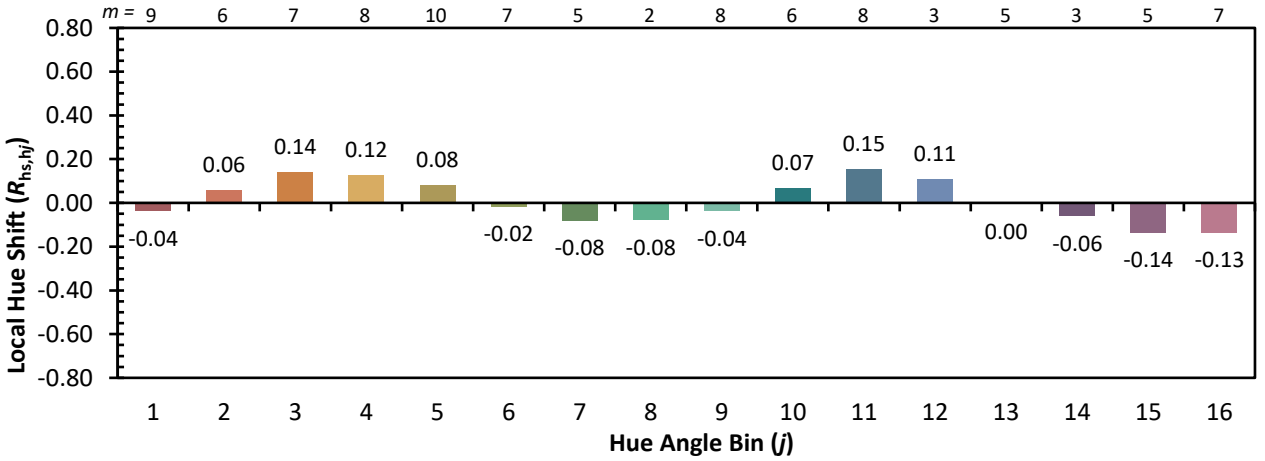


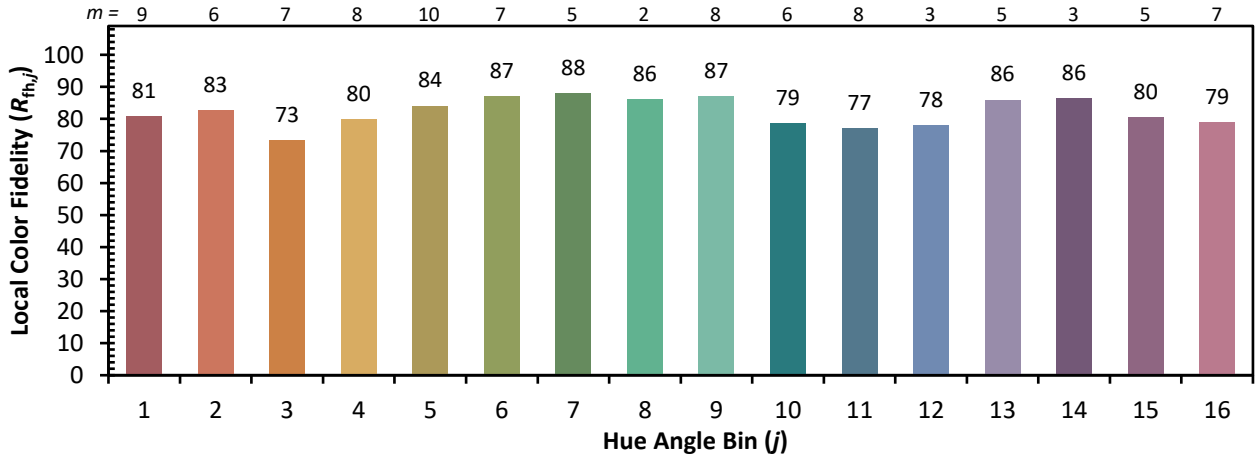
REPORT NUMBER: SP1-2407-184-11

TM-30-18

Color Rendition by Hue-Angle Bin



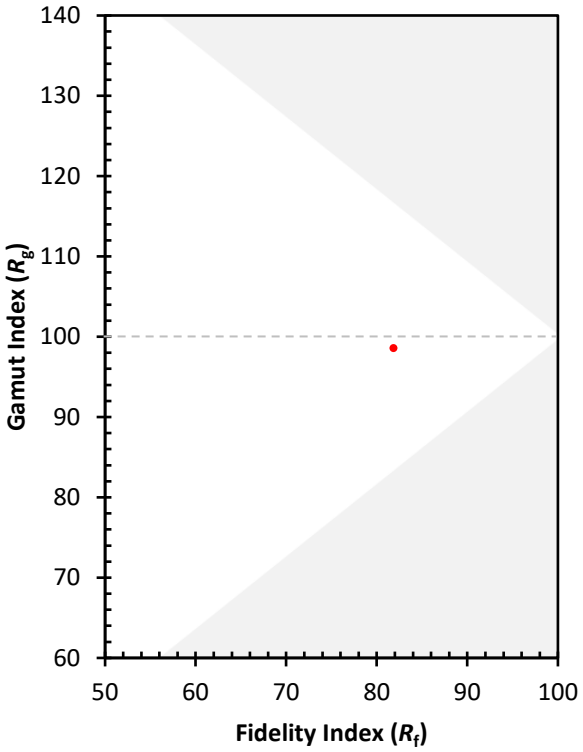


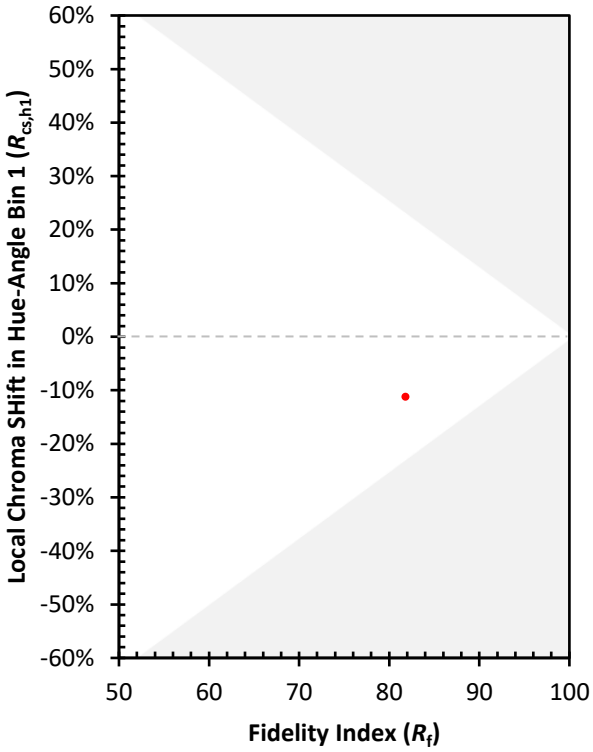


REPORT NUMBER: SP1-2407-184-11

TM-30-18

Measure Comparisons





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