Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

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: McGRAW-EDISON

Report Number: P1502477

Luminaire Tested: GSS-SB1A-740-U-T4LG-HSS

Issue Date: 07/20/2026

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:	P1502477
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1A-740-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 31W 70CRI 4000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(26) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3474 lumens
Efficiency:	N/A
Efficacy:	112.1 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

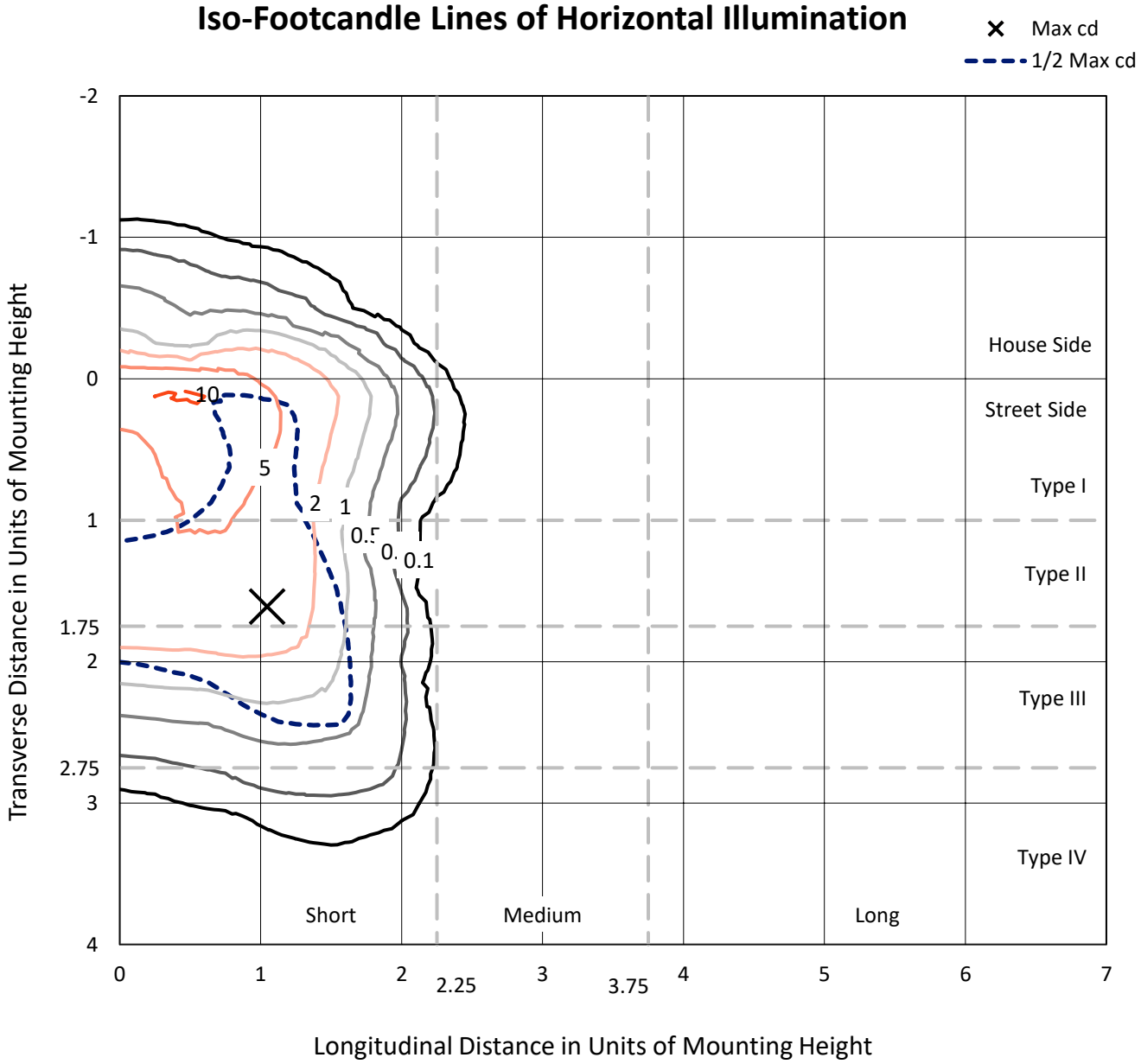
Input Watts (W):	31
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.4%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502477
CATALOG NUMBER: GSS-SB1A-740-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



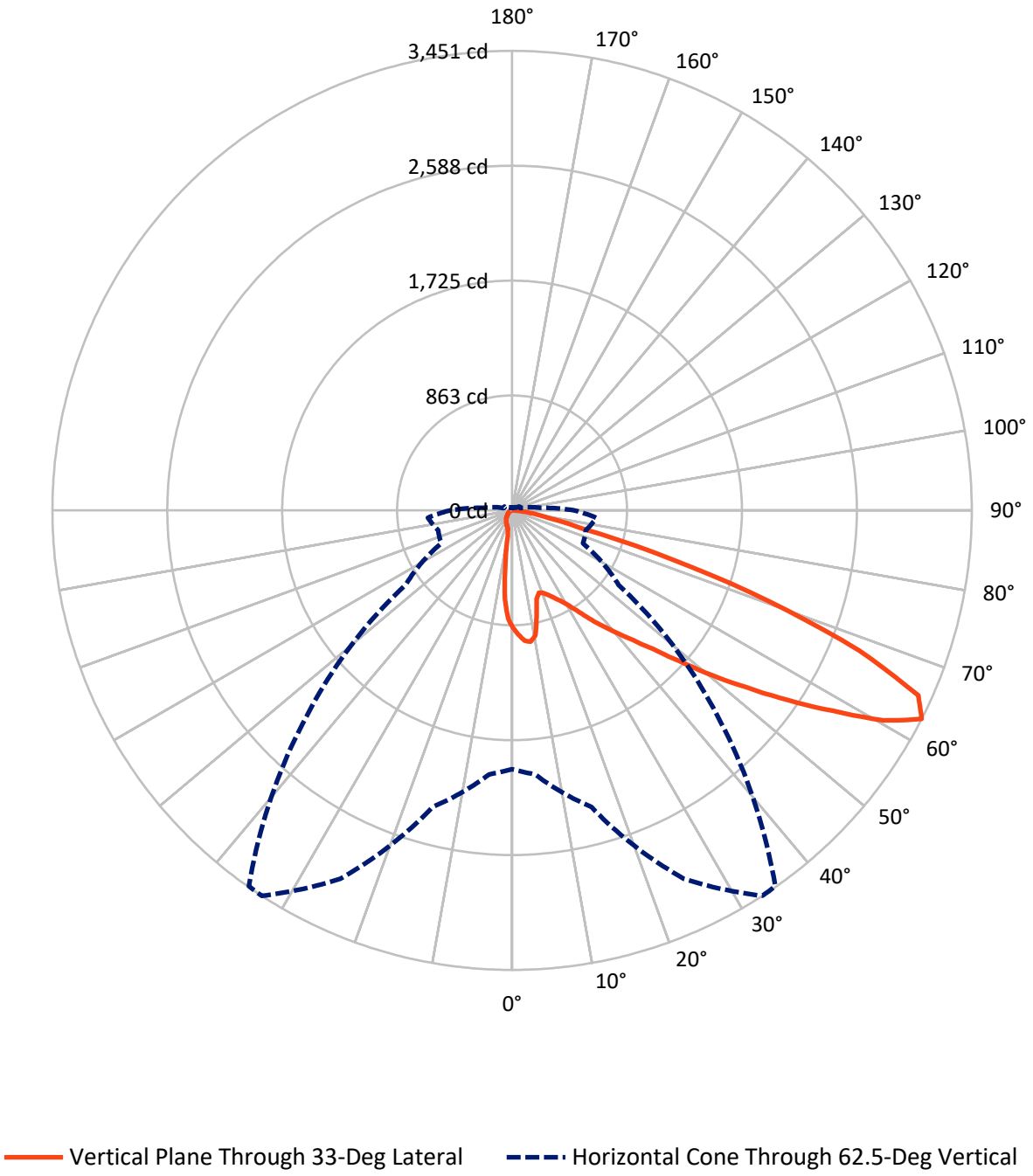
Based on 10 foot mounting height. Maximum calculated value = 10.5 fc
Type III - Short - N/A

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REPORT NUMBER: P1502477
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Luminous Intensity Polar Plot



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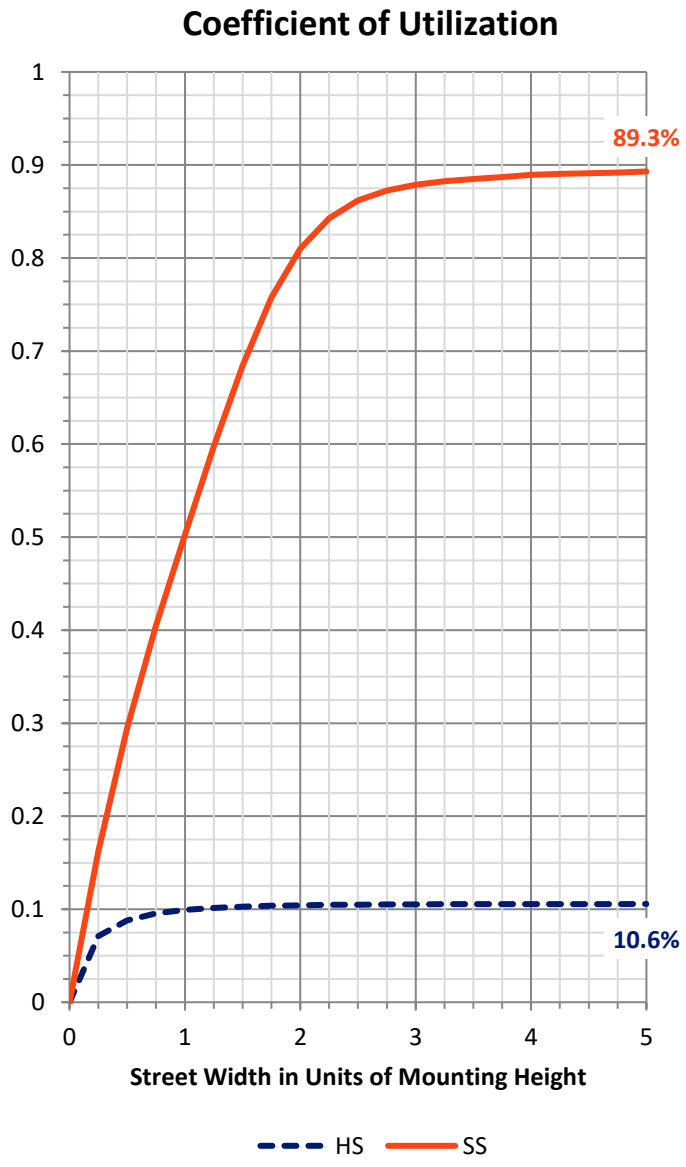
REPORT NUMBER: P1502477
CATALOG NUMBER: GSS-SB1A-740-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	369.7	0.0	369.7
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	3104.3	0.0	3104.3
	% Fixture	89.4	0.0	89.4
Total	Lumens	3474.0	0.0	3474.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.0	2.2
10°-20°	167.4	4.8
20°-30°	269.8	7.8
30°-40°	448.9	12.9
40°-50°	709.5	20.4
50°-60°	953.1	27.4
60°-70°	699.7	20.1
70°-80°	138.5	4.0
80°-90°	12.0	0.3
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°	3474.0	100.0
0°-180°	3474.0	100.0



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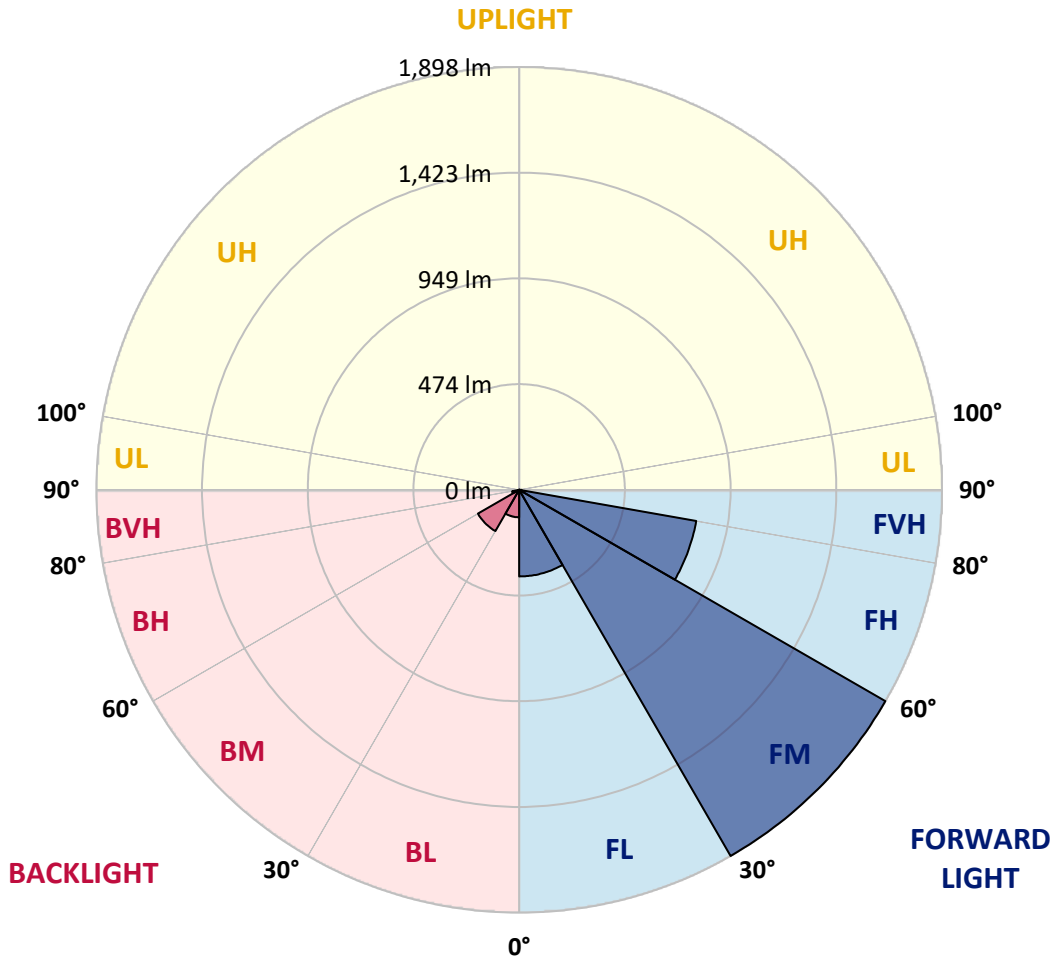
Scaled Data Report

REPORT NUMBER: P1502477
CATALOG NUMBER: GSS-SB1A-740-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	388.9	11.2			
FM	(30°-60°)	1897.6	54.6			
FH	(60°-80°)	806.6	23.2			G1/1800
FVH	(80°-90°)	11.1	0.3			G1/100
BL	(0°-30°)	123.3	3.6	B1/500		
BM	(30°-60°)	213.8	6.2	B0/220		
BH	(60°-80°)	31.6	0.9	B0/110		G0/110
BVH	(80°-90°)	0.9	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-G1
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	882.4	882.4	882.4	882.4	*882.4*	882.4	882.4	882.4	882.4	882.4	882.4
2.5°	940.1	944.1	944.1	936.2	*934.3*	930.4	926.5	925.5	912.8	903.0	893.2
5°	988.1	987.1	986.1	982.2	*983.2*	978.3	975.4	970.5	949.0	934.3	907.9
7.5°	967.5	976.3	980.3	991.0	*995.9*	994.9	1002.8	1004.7	986.1	965.6	925.5
10°	833.5	828.6	863.8	909.8	*955.8*	966.6	1008.6	1031.1	1024.3	1005.7	953.8
12.5°	660.4	665.2	689.7	743.5	*818.8*	842.3	963.6	1052.7	1072.2	1060.5	993.0
15°	604.6	604.6	617.3	642.7	*687.7*	710.2	859.9	1049.7	1123.1	1124.1	1041.9
17.5°	592.9	594.8	605.6	622.2	*651.5*	661.3	766.0	1006.7	1173.0	1190.6	1096.7
20°	594.8	597.7	609.5	633.0	*661.3*	673.1	741.6	951.9	1215.1	1263.0	1154.4
22.5°	601.7	600.7	621.2	652.5	*688.7*	699.5	762.1	929.4	1250.3	1346.1	1221.9
25°	609.5	610.5	636.9	680.9	*724.9*	737.6	808.1	949.9	1275.7	1435.2	1290.4
27.5°	633.0	635.9	668.2	716.1	*768.0*	784.6	867.8	1003.7	1319.7	1521.3	1364.7
30°	669.2	672.1	709.3	767.0	*822.8*	848.2	942.1	1071.2	1385.3	1621.0	1441.0
32.5°	711.2	715.1	763.1	829.6	*897.1*	921.6	1027.2	1174.0	1472.3	1722.8	1520.3
35°	764.1	774.8	826.7	905.9	*996.9*	1020.4	1131.9	1290.4	1585.8	1813.8	1587.8
37.5°	836.4	845.3	908.8	1007.7	*1099.6*	1130.9	1249.3	1412.7	1688.5	1895.0	1642.6
40°	924.5	932.3	1003.7	1111.4	*1207.2*	1233.6	1372.6	1535.9	1799.1	1940.0	1654.3
42.5°	1071.2	1092.8	1137.8	1228.7	*1331.5*	1364.7	1509.5	1655.3	1879.3	1948.8	1635.7
45°	1327.6	1334.4	1344.2	1387.2	*1486.0*	1515.4	1654.3	1759.0	1927.3	1950.7	1619.1
47.5°	1573.1	1596.6	1610.3	1629.9	*1689.5*	1700.3	1805.9	1851.9	1965.4	1943.9	1619.1
50°	1818.7	1836.3	1859.8	1883.2	*1946.8*	1950.7	1966.4	1914.5	1967.4	1888.1	1609.3
52.5°	2041.7	2047.6	2087.7	2132.7	*2211.9*	2233.5	2115.1	1960.5	1849.0	1712.0	1563.3
55°	2241.3	2249.1	2309.8	2401.7	*2515.2*	2543.6	2297.1	1871.5	1595.6	1484.1	1456.7
57.5°	2370.4	2389.0	2510.3	2712.8	*2841.0*	2828.3	2437.9	1663.1	1281.6	1214.1	1267.9
60°	2305.9	2331.3	2586.6	2974.0	*3202.0*	3164.8	2398.8	1368.6	947.0	898.1	1003.7
62.5°	*1942.9*	*1989.9*	*2305.9*	*3051.3*	*3450.5*	*3444.6*	*2177.7*	*976.3*	*587.0*	*574.3*	*633.9*
65°	1351.0	1432.2	1806.9	2793.1	*3350.7*	3359.5	1833.3	568.4	272.0	337.5	370.8
67.5°	796.3	854.1	1164.2	2280.4	*2811.6*	2730.4	1246.4	263.2	136.0	205.4	196.6
70°	350.2	389.4	667.2	1580.0	*2048.6*	1917.5	608.5	128.2	103.7	124.2	108.6
72.5°	192.7	210.3	351.2	834.5	*1246.4*	1184.7	205.4	85.1	89.0	92.9	78.3
75°	107.6	115.4	184.9	482.3	*547.8*	509.7	99.8	55.8	75.3	75.3	57.7
77.5°	62.6	69.5	115.4	300.3	*300.3*	242.6	60.7	35.2	56.7	50.9	31.3
80°	29.3	33.3	63.6	166.3	*189.8*	156.5	34.2	24.5	37.2	32.3	20.5
82.5°	8.8	10.8	31.3	64.6	*107.6*	92.0	17.6	15.7	27.4	20.5	11.7
85°	5.9	6.8	15.7	26.4	*52.8*	46.0	5.9	4.9	11.7	9.8	4.9
87.5°	1.0	1.0	2.0	2.0	*2.0*	2.0	1.0	1.0	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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Scaled Data Report

REPORT NUMBER: P1502477
CATALOG NUMBER: GSS-SB1A-740-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	882.4	882.4	882.4	882.4	882.4	882.4	882.4	882.4	882.4	882.4	882.4
2.5°	887.3	880.5	864.8	850.1	842.3	824.7	817.9	810.0	806.1	805.1	799.3
5°	891.2	878.5	839.4	800.3	759.2	720.0	679.9	644.7	616.3	617.3	618.3
7.5°	903.0	877.5	809.1	730.8	642.7	541.0	432.4	351.2	299.4	288.6	278.8
10°	918.6	881.4	771.9	627.1	453.9	285.7	201.5	172.2	159.5	156.5	157.5
12.5°	948.0	891.2	724.9	484.3	251.4	164.4	145.8	140.9	138.9	138.9	138.9
15°	984.2	904.9	651.5	317.0	164.4	137.0	133.0	132.1	130.1	130.1	131.1
17.5°	1014.5	904.9	554.7	206.4	135.0	127.2	124.2	123.3	123.3	124.2	123.3
20°	1047.8	898.1	446.1	155.5	125.2	118.4	116.4	116.4	116.4	117.4	117.4
22.5°	1082.0	886.3	345.3	133.0	116.4	110.5	109.6	110.5	111.5	112.5	112.5
25°	1120.2	871.7	272.9	123.3	108.6	103.7	103.7	103.7	104.7	106.6	107.6
27.5°	1162.2	858.9	233.8	117.4	101.7	96.9	96.9	97.8	99.8	100.8	101.7
30°	1201.4	858.9	221.1	120.3	98.8	92.9	91.0	92.0	93.9	95.9	95.9
32.5°	1250.3	868.7	227.9	133.0	97.8	87.1	85.1	85.1	87.1	88.0	88.0
35°	1291.4	887.3	251.4	150.7	101.7	82.2	78.3	77.3	79.2	78.3	79.2
37.5°	1324.6	912.8	294.5	174.1	109.6	76.3	71.4	68.5	68.5	68.5	68.5
40°	1334.4	938.2	349.3	189.8	108.6	69.5	62.6	59.7	58.7	57.7	57.7
42.5°	1320.7	949.9	393.3	188.8	96.9	64.6	55.8	51.8	48.9	47.9	47.9
45°	1309.9	955.8	408.9	164.4	88.0	58.7	49.9	45.0	42.1	41.1	40.1
47.5°	1310.9	961.7	385.5	134.0	80.2	53.8	45.0	40.1	37.2	36.2	35.2
50°	1314.8	951.9	326.8	111.5	73.4	48.9	40.1	36.2	33.3	32.3	31.3
52.5°	1273.7	900.0	229.9	97.8	67.5	46.0	36.2	33.3	30.3	29.3	29.3
55°	1166.1	775.8	155.5	87.1	62.6	42.1	33.3	31.3	28.4	26.4	26.4
57.5°	994.0	585.0	107.6	79.2	54.8	38.2	31.3	28.4	25.4	23.5	23.5
60°	760.1	381.5	78.3	72.4	45.0	35.2	29.3	27.4	23.5	21.5	20.5
62.5°	*462.7*	*214.2*	*63.6*	*63.6*	*38.2*	*33.3*	*26.4*	*24.5*	*20.5*	*17.6*	*16.6*
65°	268.1	126.2	51.8	53.8	33.3	30.3	23.5	20.5	16.6	13.7	12.7
67.5°	129.1	73.4	41.1	38.2	29.3	25.4	20.5	17.6	14.7	11.7	10.8
70°	79.2	56.7	31.3	27.4	23.5	19.6	16.6	15.7	12.7	9.8	9.8
72.5°	64.6	46.0	24.5	19.6	17.6	13.7	13.7	12.7	9.8	7.8	6.8
75°	50.9	34.2	18.6	13.7	10.8	10.8	9.8	8.8	7.8	5.9	5.9
77.5°	27.4	23.5	13.7	7.8	5.9	6.8	6.8	5.9	4.9	3.9	3.9
80°	17.6	13.7	7.8	3.9	3.9	3.9	3.9	2.9	2.9	2.0	2.0
82.5°	8.8	6.8	3.9	1.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0
85°	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
87.5°	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0
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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

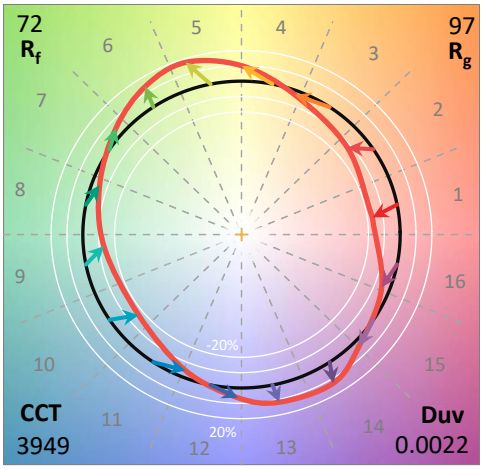
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-1
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-740-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949
CIE u':	0.2248
CIE v':	0.5053
Duv:	0.0022
CIE x:	0.3844
CIE y:	0.3840
CIE z:	0.2316
Peak Wavelength (nm):	440
Dominant Wavelength (nm):	578
Purity:	30.60026
Rf:	71.8
Rg:	96.5

CRI (Ra):	70.7
R1:	68.0
R2:	76.0
R3:	84.3
R4:	72.0
R5:	68.6
R6:	68.3
R7:	77.9
R8:	50.3
R9:	-36.7
R10:	45.1
R11:	70.7
R12:	47.1
R13:	68.5
R14:	91.1
R15:	58.7



Test Conditions

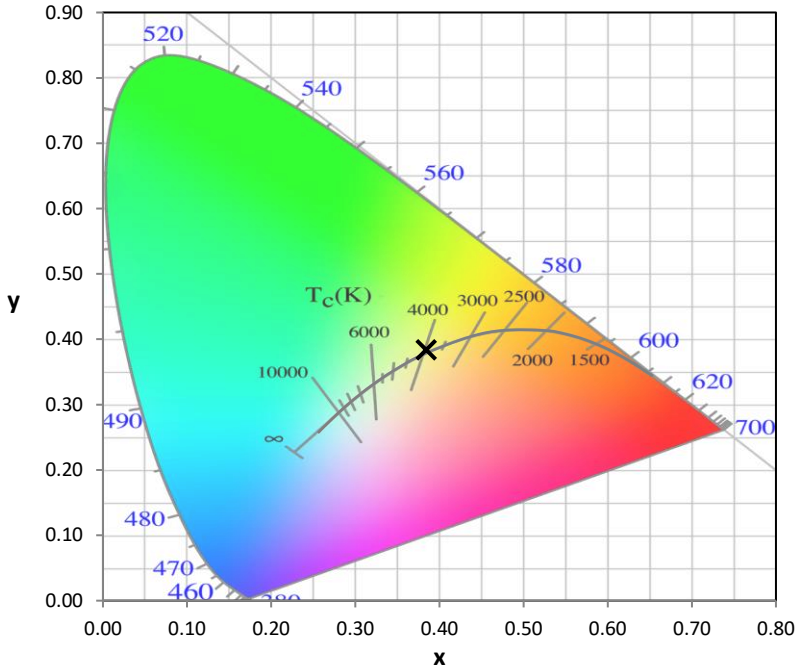
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

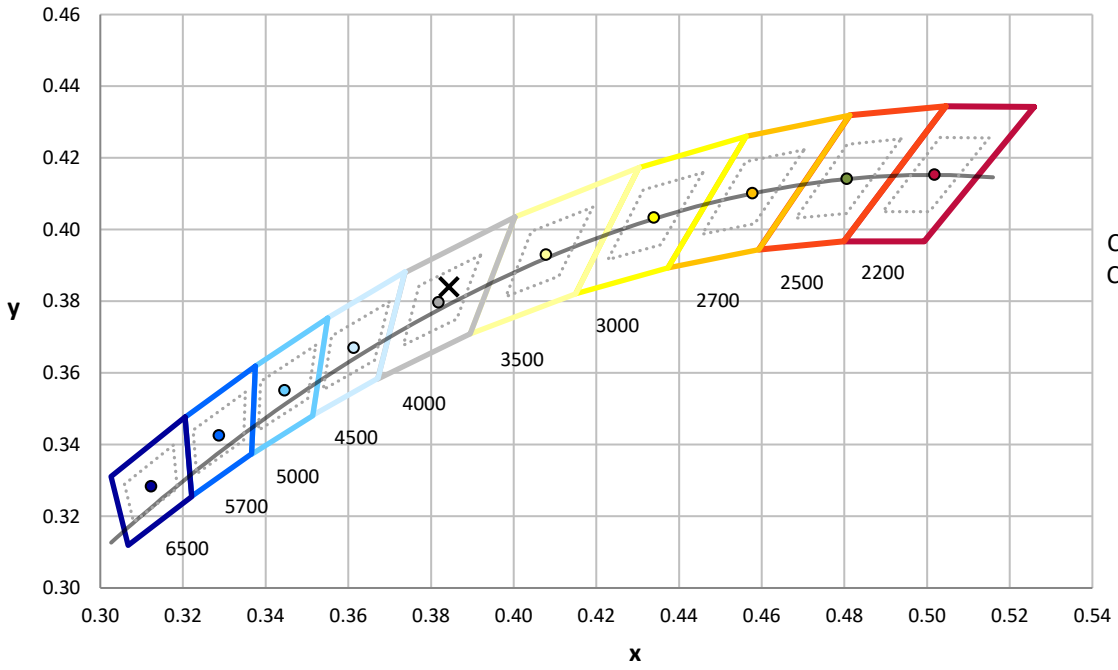
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



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

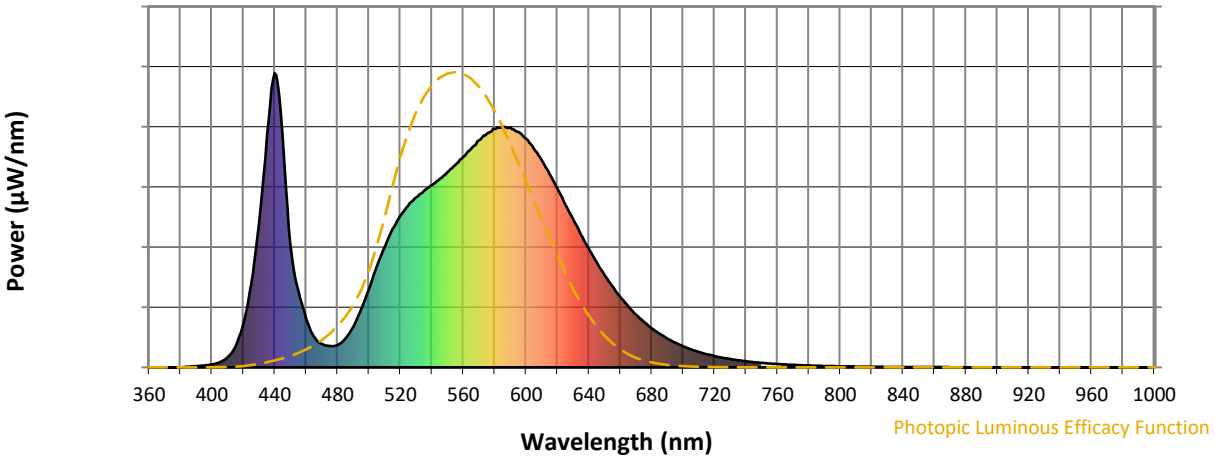


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

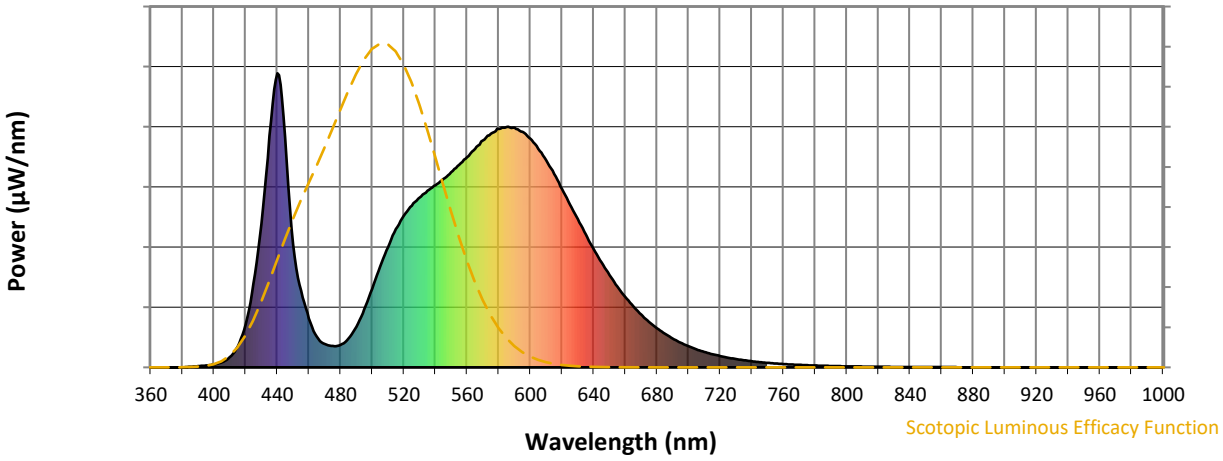


Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

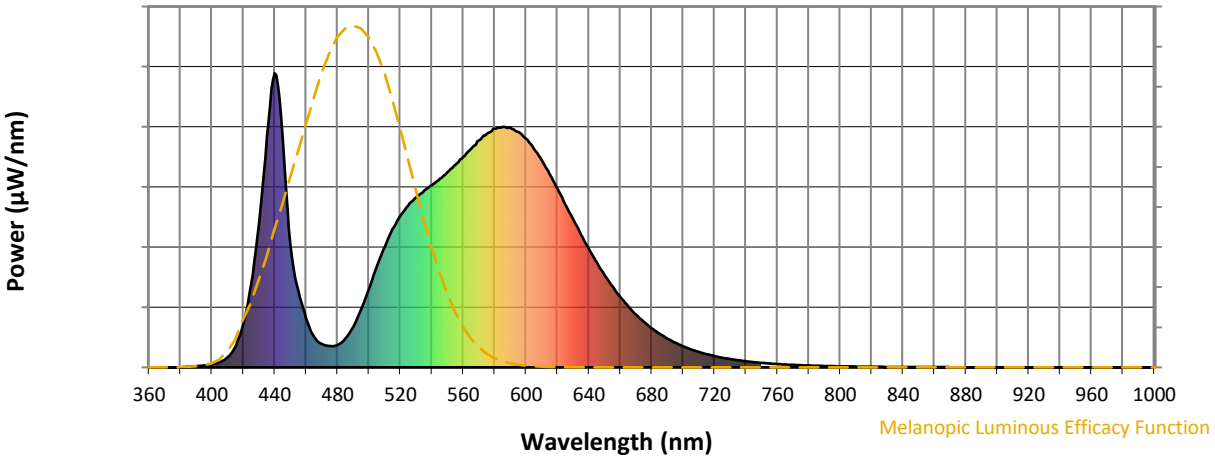


Scotopic Lumens: NR **S/P: 1.47**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.78**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

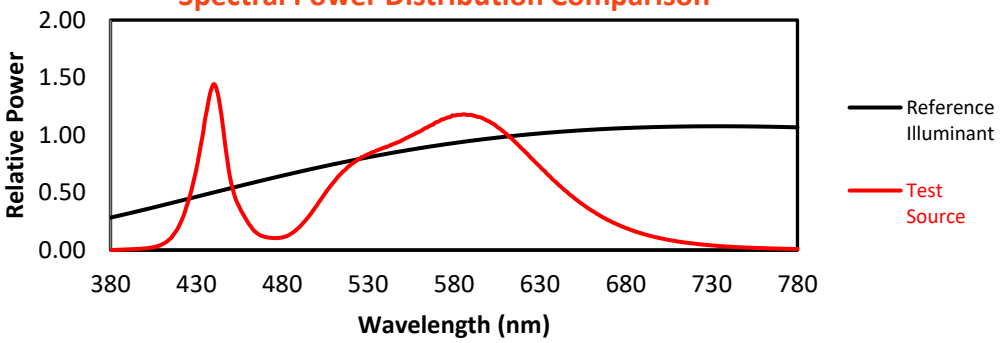
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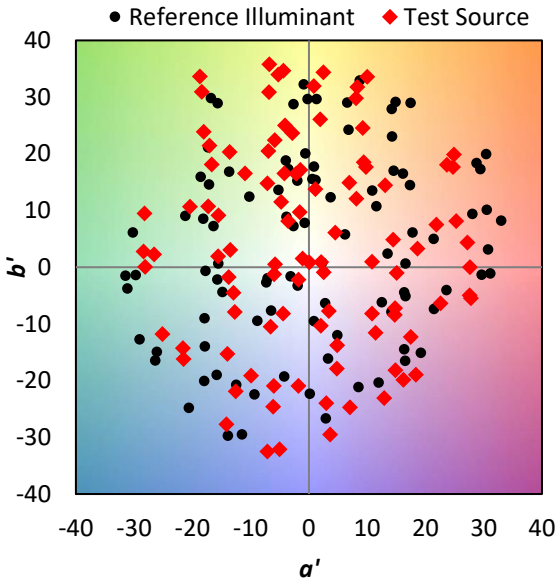
Summary

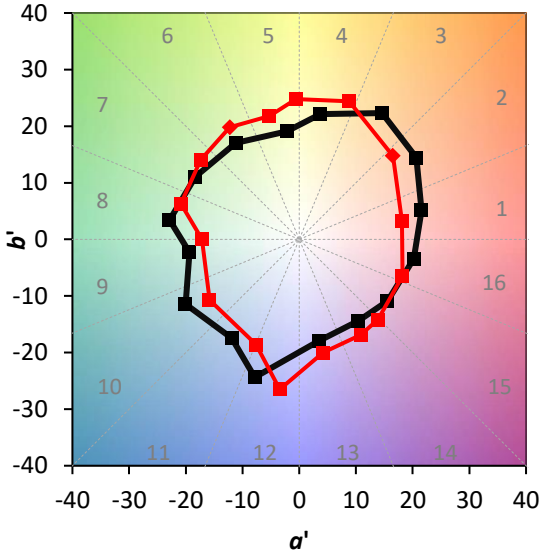
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

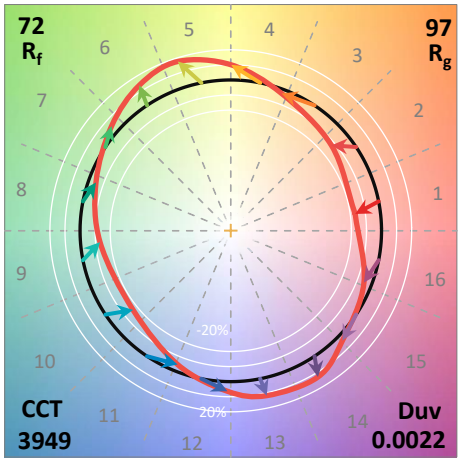
Spectral Power Distribution Comparison

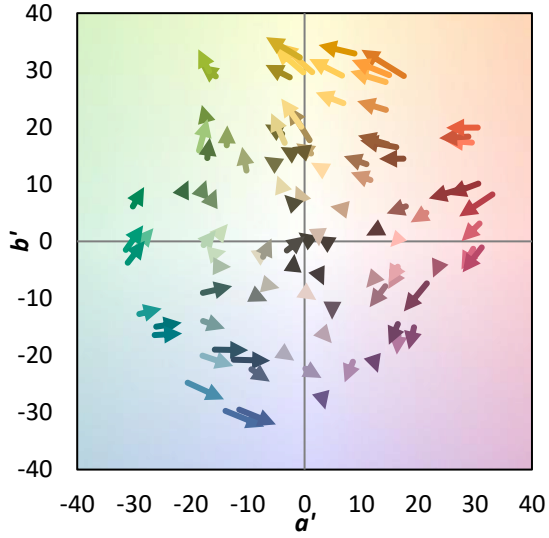


Color Vector Graphics







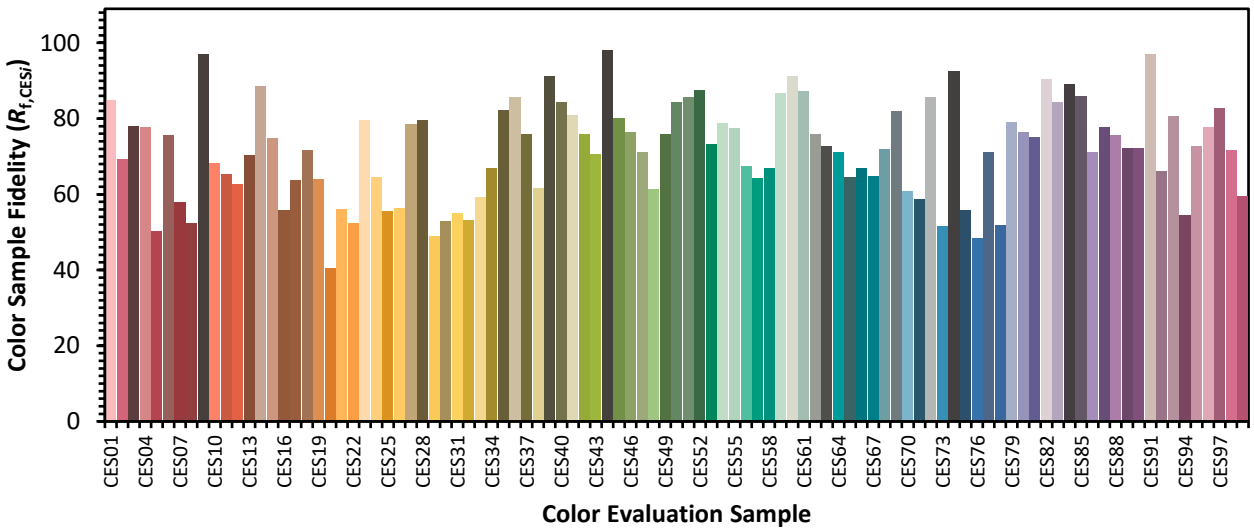


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Individual Sample Fidelity Index ($R_{f,i}$)

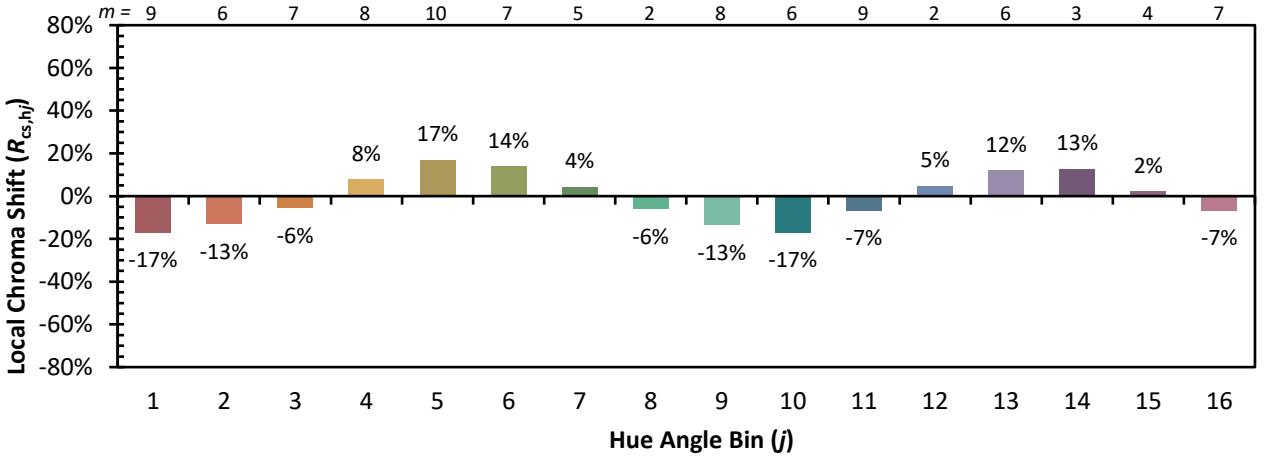
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	

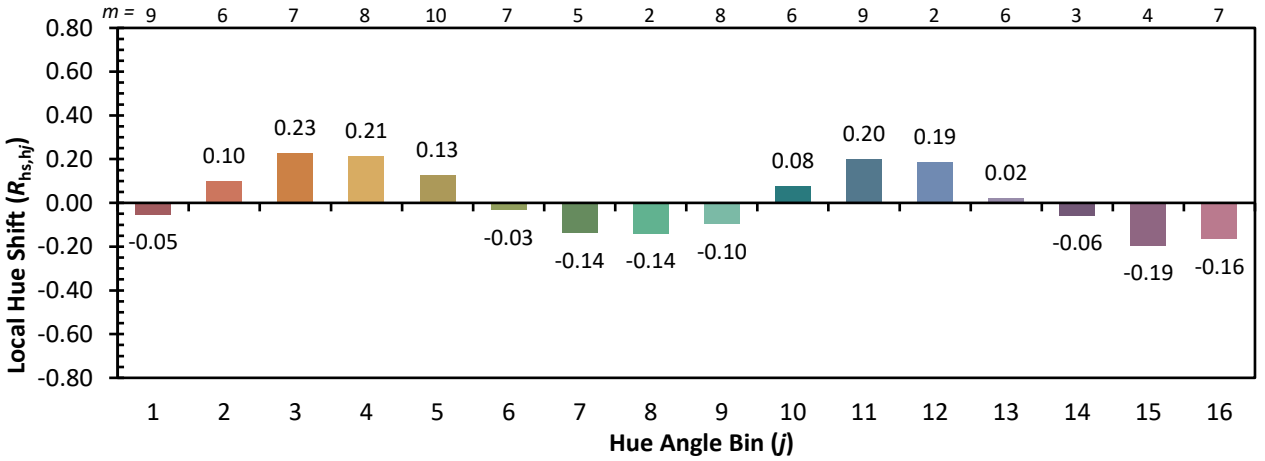


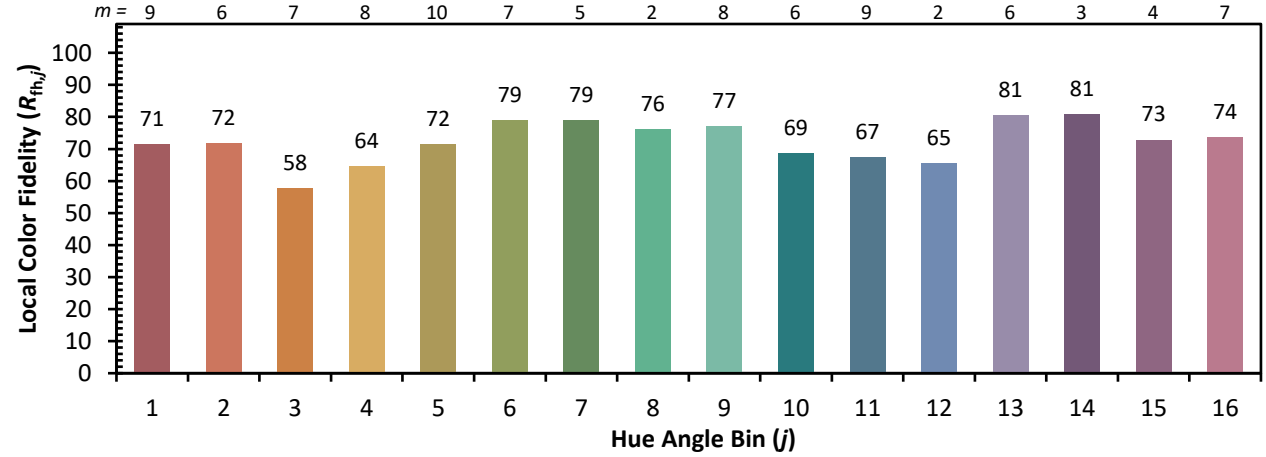
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Color Rendition by Hue-Angle Bin



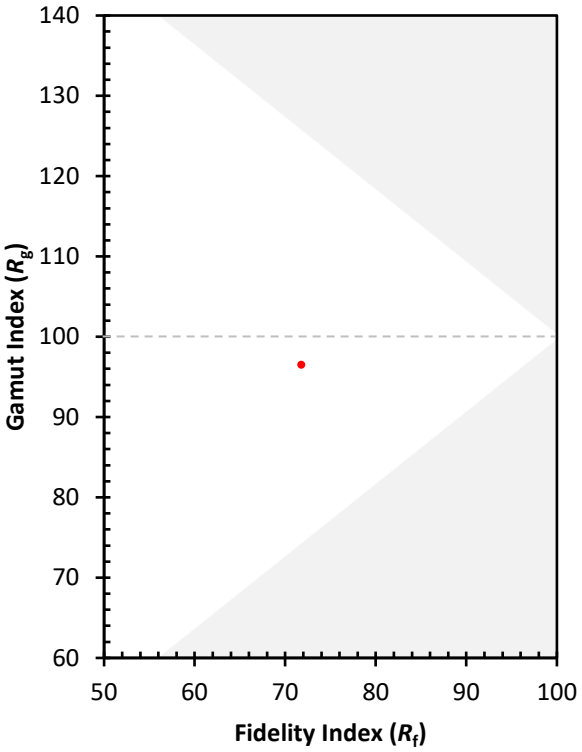


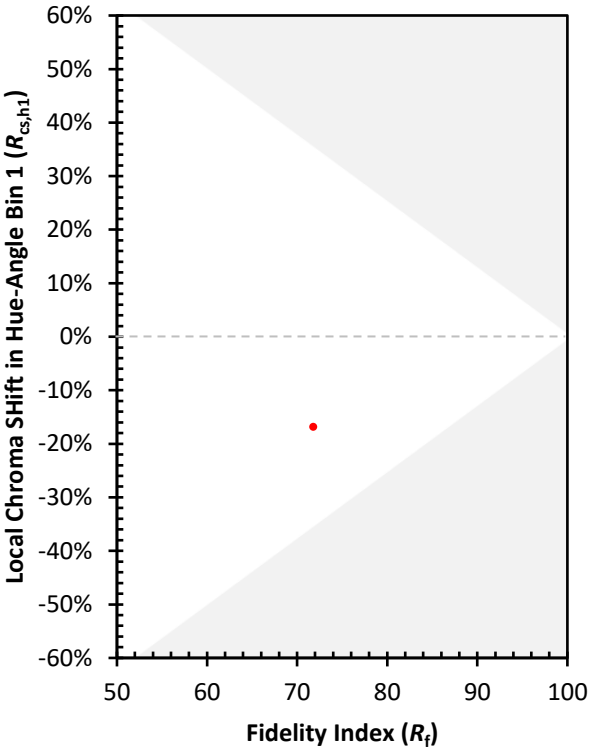


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Measure Comparisons





(END OF REPORT)