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: McGRAW-EDISON

Report Number: P1502686

Luminaire Tested: GSS-SB5B-830-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:	P1502686
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5B-830-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 184W 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(130) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	19848.6 lumens
Efficiency:	N/A
Efficacy:	107.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

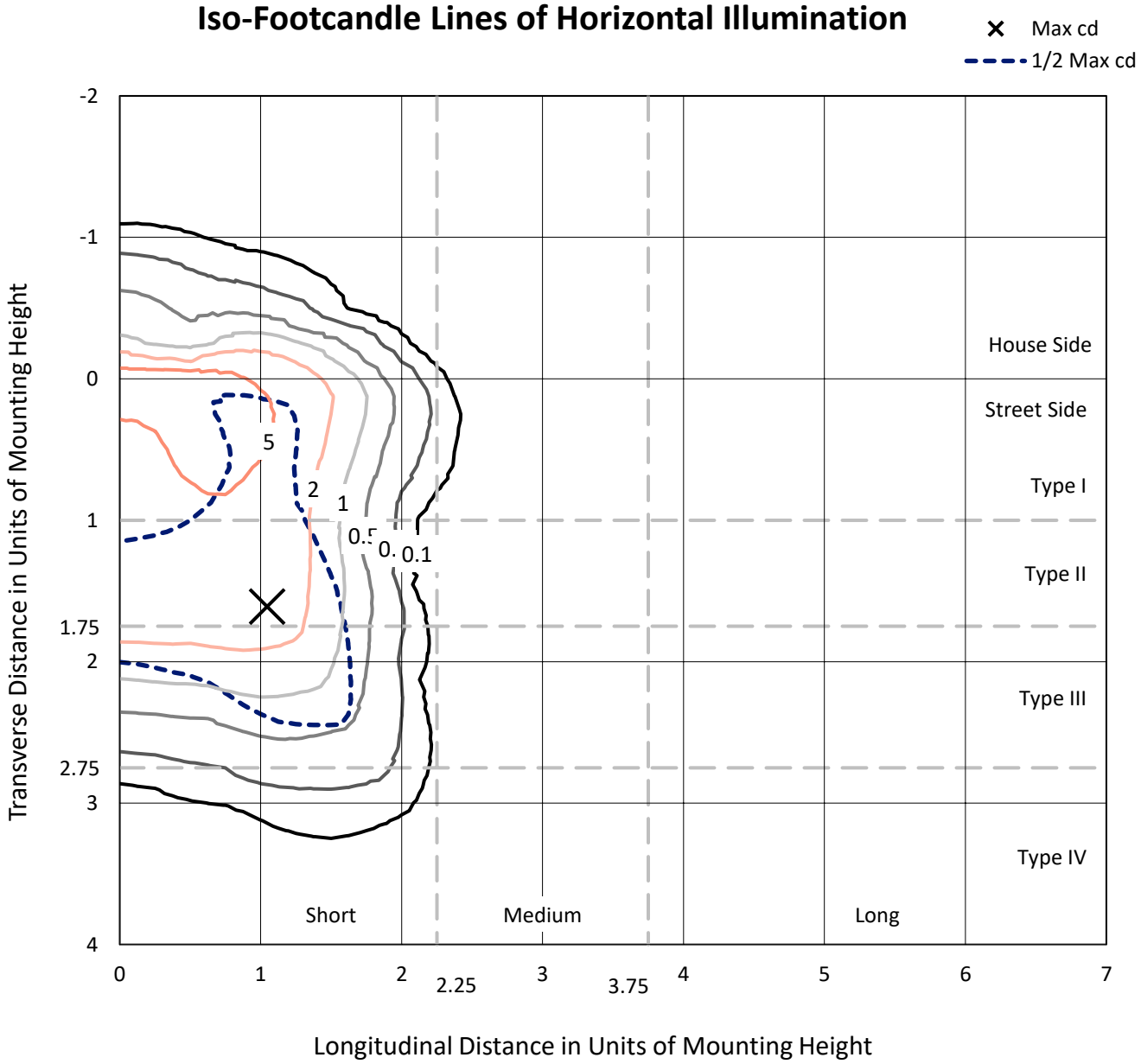
Input Watts (W):	184
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	11.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502686
CATALOG NUMBER: GSS-SB5B-830-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



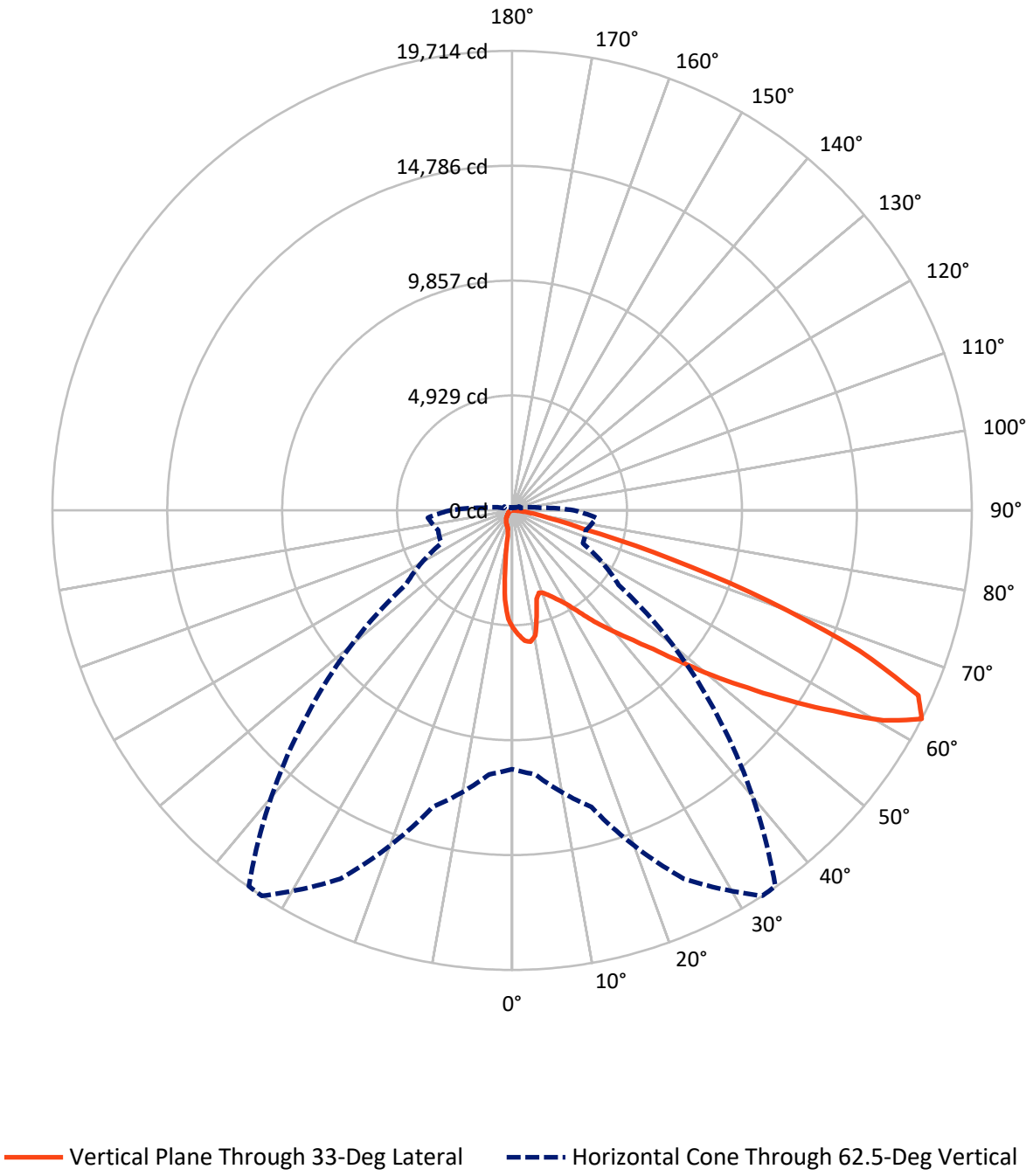
Based on 25 foot mounting height. Maximum calculated value = 9.6 fc
Type III - Short - N/A

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REPORT NUMBER: P1502686
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Luminous Intensity Polar Plot



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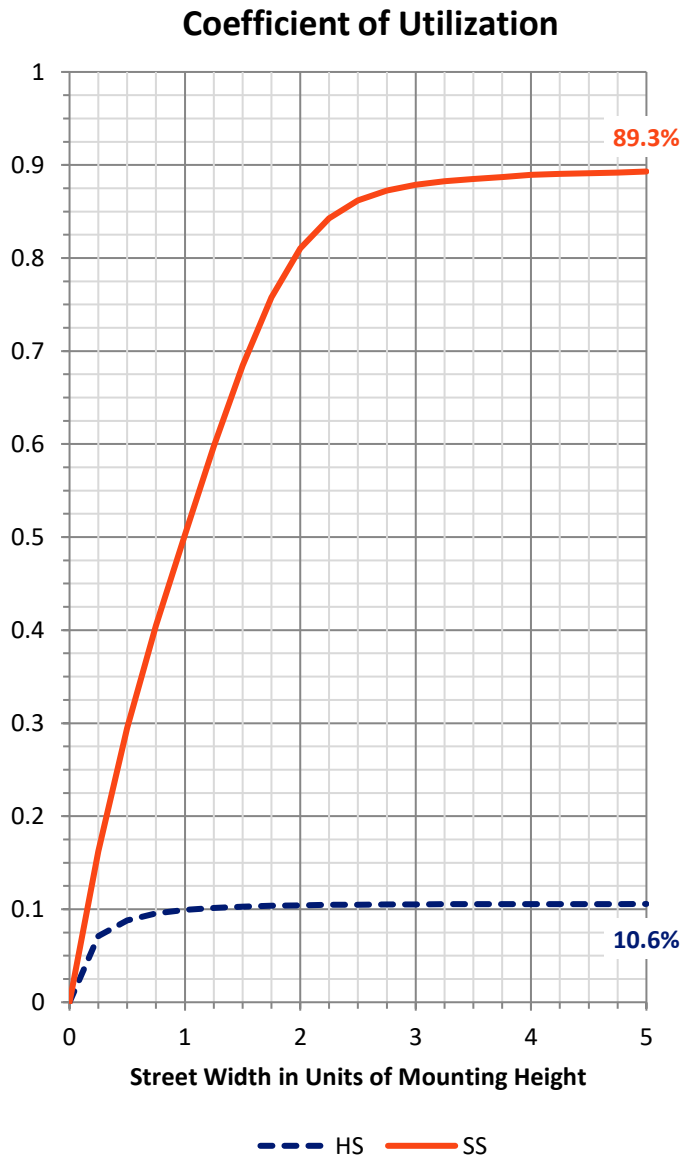
REPORT NUMBER: P1502686
CATALOG NUMBER: GSS-SB5B-830-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2112.0	0.0	2112.0
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	17736.5	0.0	17736.5
	% Fixture	89.4	0.0	89.4
Total	Lumens	19848.6	0.0	19848.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	428.7	2.2
10°-20°	956.5	4.8
20°-30°	1541.6	7.8
30°-40°	2564.6	12.9
40°-50°	4053.5	20.4
50°-60°	5445.8	27.4
60°-70°	3997.8	20.1
70°-80°	791.2	4.0
80°-90°	68.8	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°	19848.6	100.0
0°-180°	19848.6	100.0



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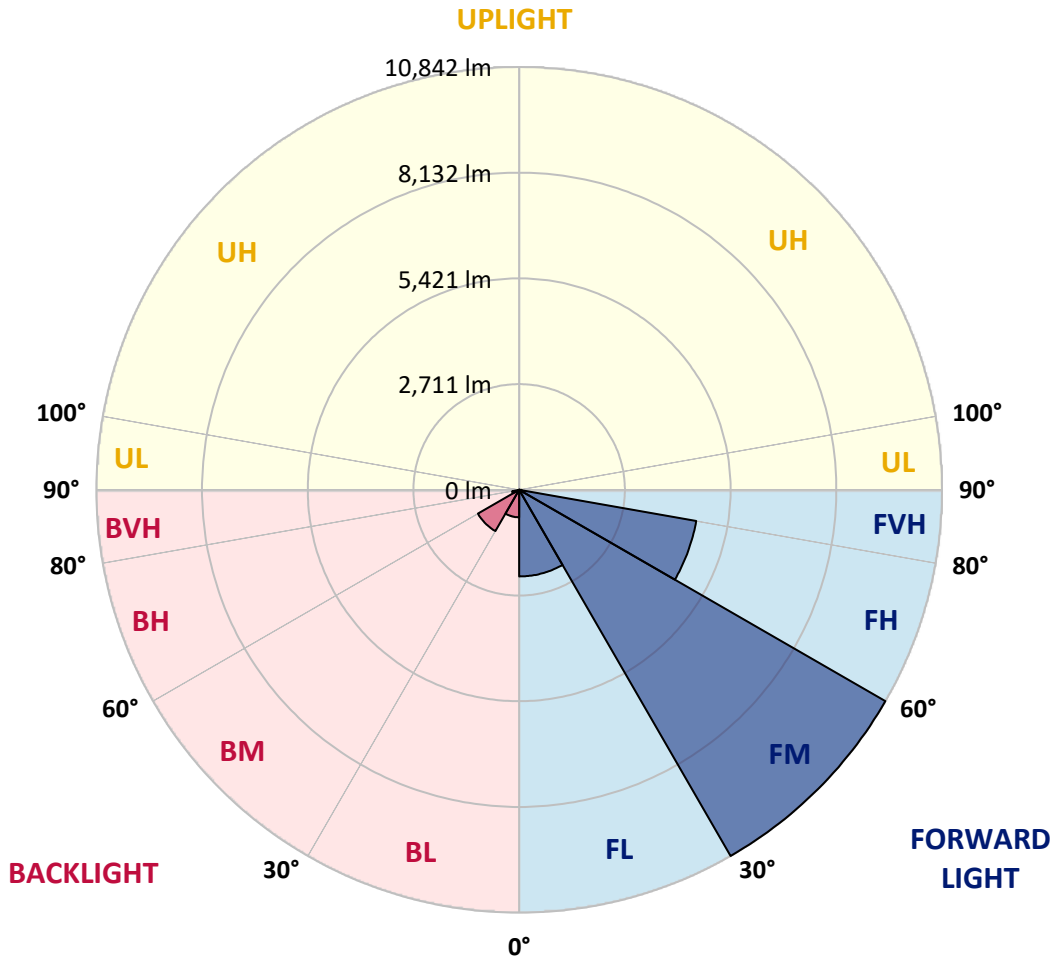
Scaled Data Report

REPORT NUMBER: P1502686
CATALOG NUMBER: GSS-SB5B-830-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2222.1	11.2			
FM	(30°-60°)	10842.2	54.6			
FH	(60°-80°)	4608.6	23.2			G2/5000
FVH	(80°-90°)	63.6	0.3			G1/100
BL	(0°-30°)	704.7	3.6	B2/1000		
BM	(30°-60°)	1221.7	6.2	B2/2500		
BH	(60°-80°)	180.4	0.9	B1/500		G1/500
BVH	(80°-90°)	5.2	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	5041.8	5041.8	5041.8	5041.8	5041.8	5041.8	5041.8	5041.8	5041.8	5041.8	5041.8
2.5°	5371.5	5393.9	5393.9	5349.2	5338.0	5315.7	5293.3	5287.7	5215.0	5159.1	5103.2
5°	5645.4	5639.8	5634.3	5611.9	5617.5	5589.5	5572.8	5544.8	5421.9	5338.0	5187.1
7.5°	5528.1	5578.4	5600.7	5662.2	5690.2	5684.6	5729.3	5740.5	5634.3	5516.9	5287.7
10°	4762.3	4734.3	4935.6	5198.3	5461.0	5522.5	5762.8	5891.4	5852.2	5746.0	5449.8
12.5°	3772.9	3800.9	3940.6	4248.1	4678.4	4812.6	5505.7	6014.3	6126.1	6059.1	5673.4
15°	3454.3	3454.3	3527.0	3672.3	3929.4	4058.0	4913.2	5997.6	6416.8	6422.4	5952.9
17.5°	3387.3	3398.4	3459.9	3554.9	3722.6	3778.5	4376.6	5751.6	6701.9	6802.5	6265.9
20°	3398.4	3415.2	3482.3	3616.4	3778.5	3845.6	4236.9	5438.6	6942.2	7216.1	6595.7
22.5°	3437.6	3432.0	3549.4	3728.2	3935.0	3996.5	4354.3	5310.1	7143.4	7691.2	6981.3
25°	3482.3	3487.9	3638.8	3890.3	4141.8	4214.5	4617.0	5427.4	7288.8	8199.9	7372.6
27.5°	3616.4	3633.2	3817.7	4091.5	4387.8	4482.8	4957.9	5734.9	7540.3	8691.7	7797.4
30°	3823.2	3840.0	4052.4	4382.2	4700.8	4846.1	5382.7	6120.5	7914.8	9261.9	8233.4
32.5°	4063.6	4086.0	4359.8	4739.9	5125.6	5265.3	5869.0	6707.4	8412.3	9843.2	8686.1
35°	4365.4	4426.9	4723.2	5175.9	5695.7	5829.9	6467.1	7372.6	9060.6	10363.0	9071.8
37.5°	4779.1	4829.4	5192.7	5757.2	6282.6	6461.5	7137.8	8071.3	9647.5	10826.9	9384.8
40°	5282.1	5326.8	5734.9	6349.7	6897.5	7048.4	7842.1	8775.6	10279.2	11084.1	9451.9
42.5°	6120.5	6243.5	6500.6	7020.5	7607.4	7797.4	8624.7	9457.5	10737.5	11134.4	9345.7
45°	7585.0	7624.1	7680.0	7926.0	8490.5	8658.2	9451.9	10050.0	11011.4	11145.5	9250.7
47.5°	8988.0	9122.1	9200.4	9312.2	9653.1	9714.6	10318.3	10581.0	11229.4	11106.4	9250.7
50°	10391.0	10491.6	10625.7	10759.9	11123.2	11145.5	11235.0	10938.7	11240.6	10787.8	9194.8
52.5°	11665.4	11698.9	11928.1	12185.2	12637.9	12760.9	12084.6	11201.4	10564.2	9781.7	8932.1
55°	12805.6	12850.4	13196.9	13722.3	14370.7	14532.8	13124.2	10692.8	9116.5	8479.3	8322.8
57.5°	13543.5	13649.7	14342.8	15499.8	16232.0	16159.4	13929.1	9502.2	7322.3	6936.6	7244.0
60°	13174.5	13319.9	14778.7	16992.2	18294.6	18082.2	13705.6	7819.8	5410.7	5131.2	5734.9
62.5°	11100.8	11369.1	13174.5	17433.8	19714.3	19680.8	12442.3	5578.4	3353.7	3281.1	3622.0
65°	7719.2	8183.1	10323.9	15958.1	19144.2	19194.5	10474.8	3247.5	1553.9	1928.4	2118.4
67.5°	4549.9	4879.7	6651.6	13029.2	16064.3	15600.4	7121.1	1503.6	776.9	1173.8	1123.5
70°	2001.1	2224.6	3812.1	9027.1	11704.5	10955.5	3476.7	732.2	592.5	709.9	620.4
72.5°	1101.1	1201.8	2006.6	4767.9	7121.1	6768.9	1173.8	486.3	508.6	531.0	447.2
75°	614.8	659.6	1056.4	2755.6	3130.1	2912.2	570.1	318.6	430.4	430.4	329.8
77.5°	357.7	396.9	659.6	1716.0	1716.0	1386.2	346.6	201.2	324.2	290.7	178.9
80°	167.7	190.0	363.3	950.2	1084.4	894.3	195.6	139.7	212.4	184.5	117.4
82.5°	50.3	61.5	178.9	368.9	614.8	525.4	100.6	89.4	156.5	117.4	67.1
85°	33.5	39.1	89.4	150.9	301.8	262.7	33.5	27.9	67.1	55.9	27.9
87.5°	5.6	5.6	11.2	11.2	11.2	11.2	5.6	5.6	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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REPORT NUMBER: P1502686
CATALOG NUMBER: GSS-SB5B-830-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5041.8	5041.8	5041.8	5041.8	5041.8	5041.8	5041.8	5041.8	5041.8	5041.8	5041.8
2.5°	5069.7	5030.6	4941.2	4857.3	4812.6	4712.0	4672.9	4628.1	4605.8	4600.2	4566.7
5°	5092.1	5019.4	4795.8	4572.2	4337.5	4113.9	3884.7	3683.5	3521.4	3527.0	3532.6
7.5°	5159.1	5013.8	4622.5	4175.4	3672.3	3091.0	2470.6	2006.6	1710.4	1648.9	1593.0
10°	5248.6	5036.2	4410.1	3582.9	2593.5	1632.1	1151.4	983.8	911.1	894.3	899.9
12.5°	5416.3	5092.1	4141.8	2766.8	1436.5	939.0	832.8	804.9	793.7	793.7	793.7
15°	5623.1	5170.3	3722.6	1811.0	939.0	782.5	760.2	754.6	743.4	743.4	749.0
17.5°	5796.4	5170.3	3169.3	1179.4	771.4	726.6	709.9	704.3	704.3	709.9	704.3
20°	5986.4	5131.2	2548.8	888.7	715.5	676.3	665.2	665.2	665.2	670.7	670.7
22.5°	6182.0	5064.1	1973.1	760.2	665.2	631.6	626.0	631.6	637.2	642.8	642.8
25°	6400.0	4980.3	1559.5	704.3	620.4	592.5	592.5	592.5	598.1	609.3	614.8
27.5°	6640.4	4907.6	1335.9	670.7	581.3	553.4	553.4	559.0	570.1	575.7	581.3
30°	6864.0	4907.6	1263.2	687.5	564.5	531.0	519.8	525.4	536.6	547.8	547.8
32.5°	7143.4	4963.5	1302.4	760.2	559.0	497.5	486.3	486.3	497.5	503.1	503.1
35°	7378.2	5069.7	1436.5	860.8	581.3	469.5	447.2	441.6	452.8	447.2	452.8
37.5°	7568.2	5215.0	1682.5	994.9	626.0	436.0	408.0	391.3	391.3	391.3	391.3
40°	7624.1	5360.4	1995.5	1084.4	620.4	396.9	357.7	341.0	335.4	329.8	329.8
42.5°	7545.9	5427.4	2247.0	1078.8	553.4	368.9	318.6	296.2	279.5	273.9	273.9
45°	7484.4	5461.0	2336.4	939.0	503.1	335.4	285.1	257.1	240.4	234.8	229.2
47.5°	7490.0	5494.5	2202.3	765.8	458.3	307.4	257.1	229.2	212.4	206.8	201.2
50°	7512.3	5438.6	1866.9	637.2	419.2	279.5	229.2	206.8	190.0	184.5	178.9
52.5°	7277.6	5142.4	1313.5	559.0	385.7	262.7	206.8	190.0	173.3	167.7	167.7
55°	6662.7	4432.5	888.7	497.5	357.7	240.4	190.0	178.9	162.1	150.9	150.9
57.5°	5679.0	3342.5	614.8	452.8	313.0	218.0	178.9	162.1	145.3	134.1	134.1
60°	4343.1	2179.9	447.2	413.6	257.1	201.2	167.7	156.5	134.1	123.0	117.4
62.5°	*2643.9*	*1224.1*	*363.3*	*363.3*	*218.0*	*190.0*	*150.9*	*139.7*	*117.4*	*100.6*	*95.0*
65°	1531.5	721.1	296.2	307.4	190.0	173.3	134.1	117.4	95.0	78.3	72.7
67.5°	737.8	419.2	234.8	218.0	167.7	145.3	117.4	100.6	83.8	67.1	61.5
70°	452.8	324.2	178.9	156.5	134.1	111.8	95.0	89.4	72.7	55.9	55.9
72.5°	368.9	262.7	139.7	111.8	100.6	78.3	78.3	72.7	55.9	44.7	39.1
75°	290.7	195.6	106.2	78.3	61.5	61.5	55.9	50.3	44.7	33.5	33.5
77.5°	156.5	134.1	78.3	44.7	33.5	39.1	39.1	33.5	27.9	22.4	22.4
80°	100.6	78.3	44.7	22.4	22.4	22.4	22.4	16.8	16.8	11.2	11.2
82.5°	50.3	39.1	22.4	5.6	11.2	11.2	11.2	11.2	11.2	5.6	5.6
85°	11.2	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
87.5°	0.0	0.0	0.0	0.0	0.0	5.6	5.6	5.6	5.6	5.6	5.6
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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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

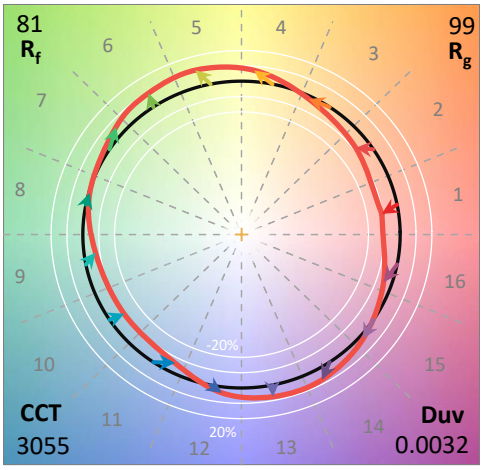
Test Information

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

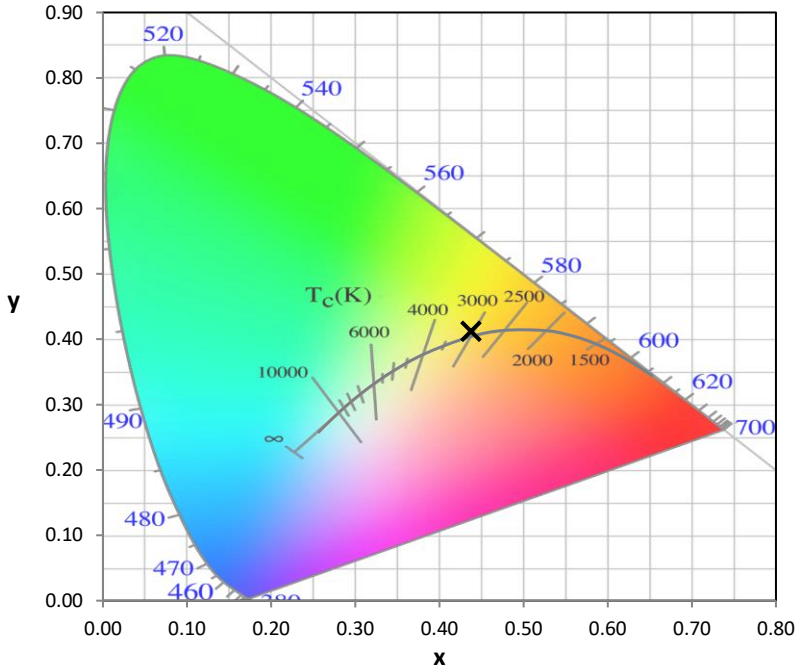
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

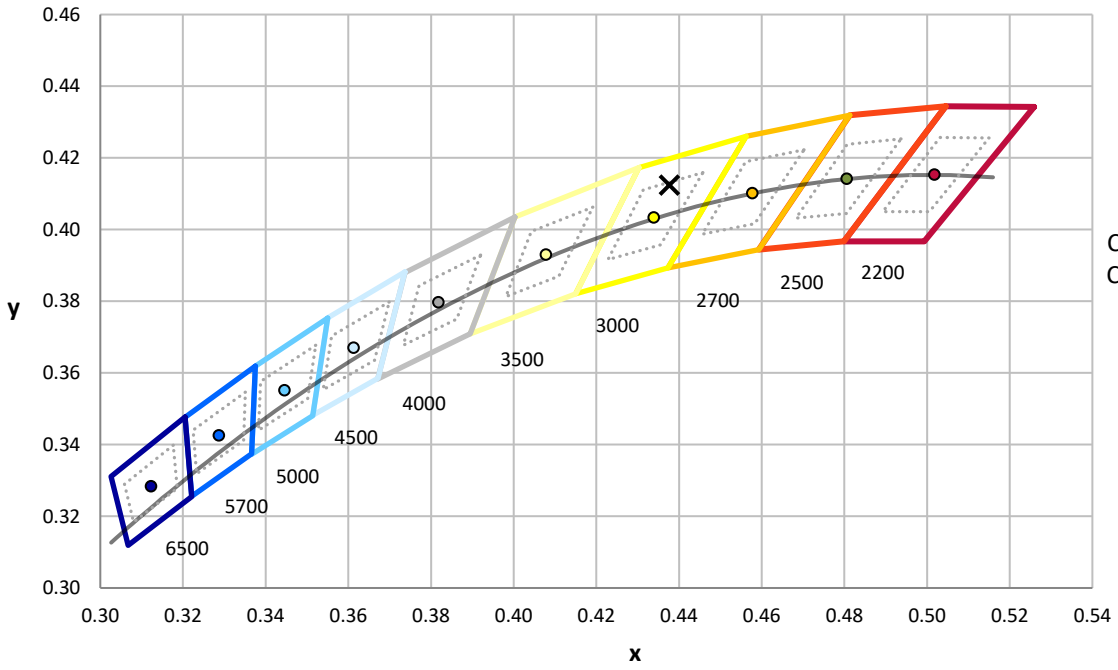
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

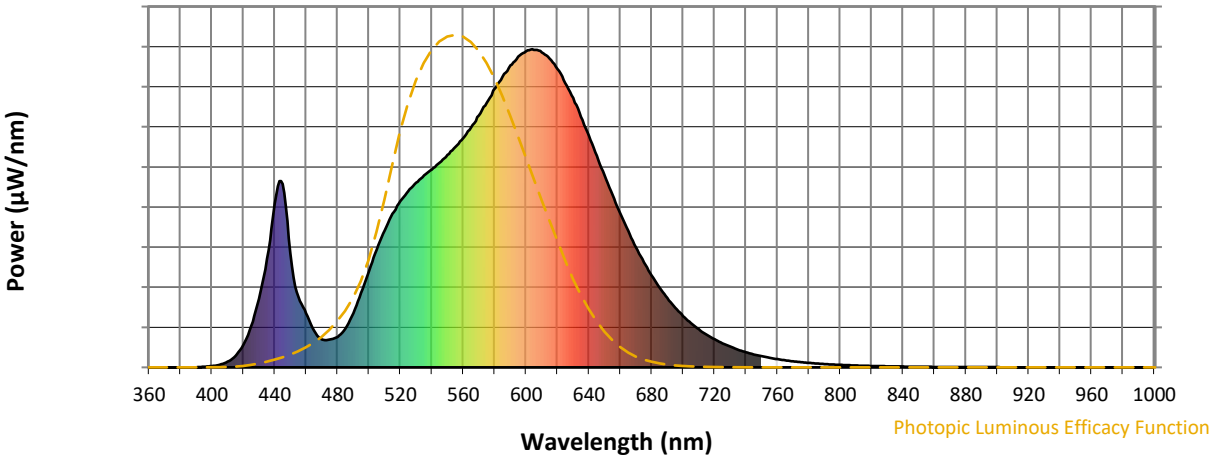


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

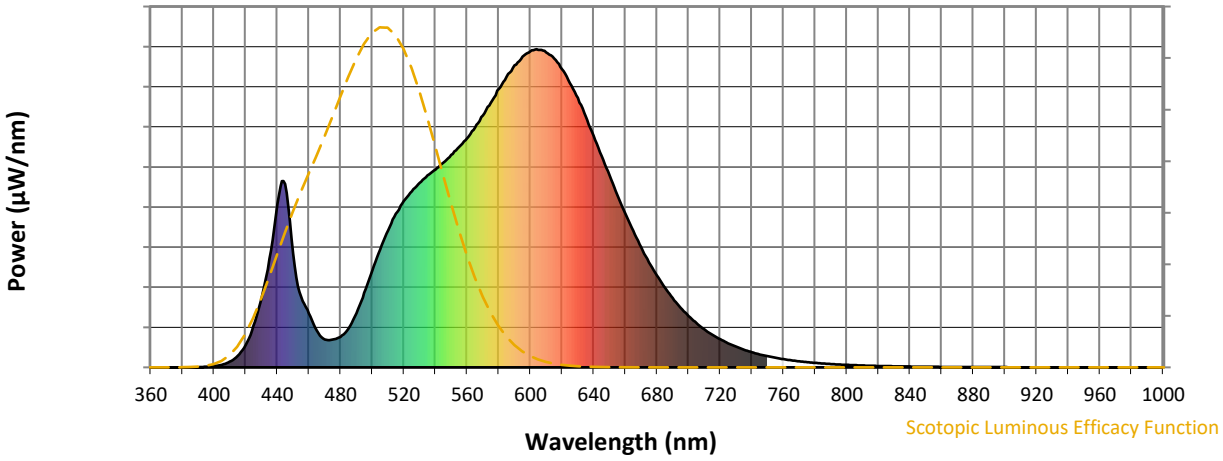


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength

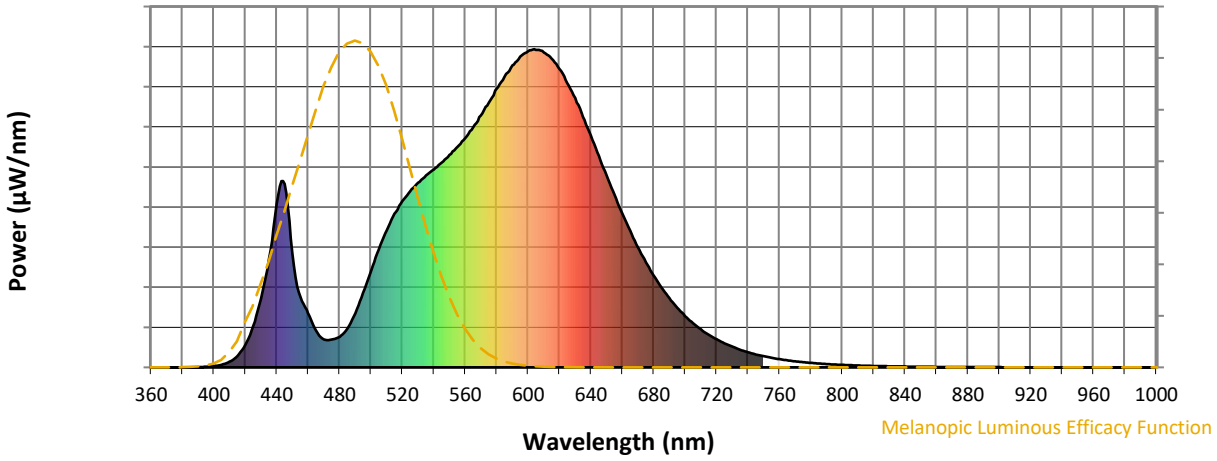


Scotopic Lumens: NR **S/P: 1.28**

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			

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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			

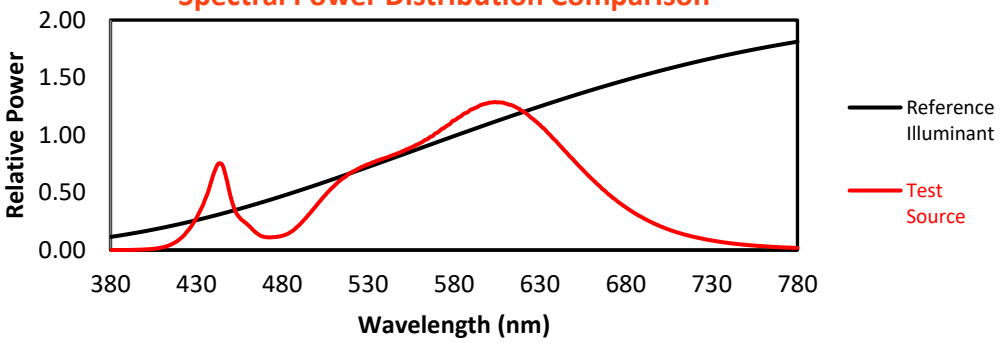
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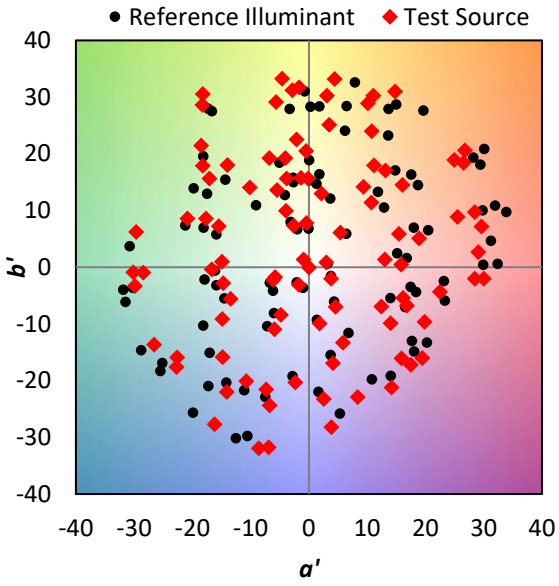
Summary

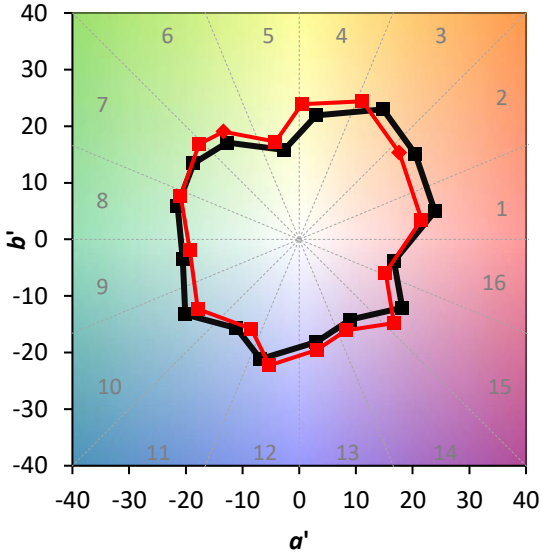
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R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

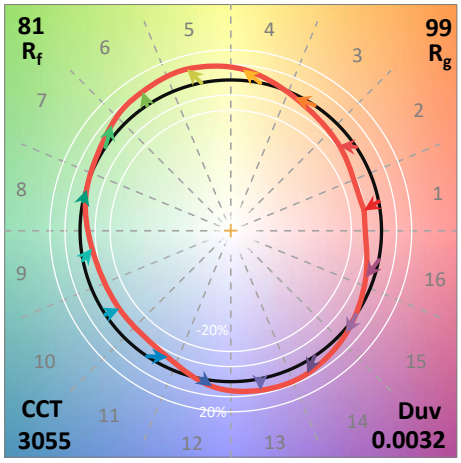
Spectral Power Distribution Comparison

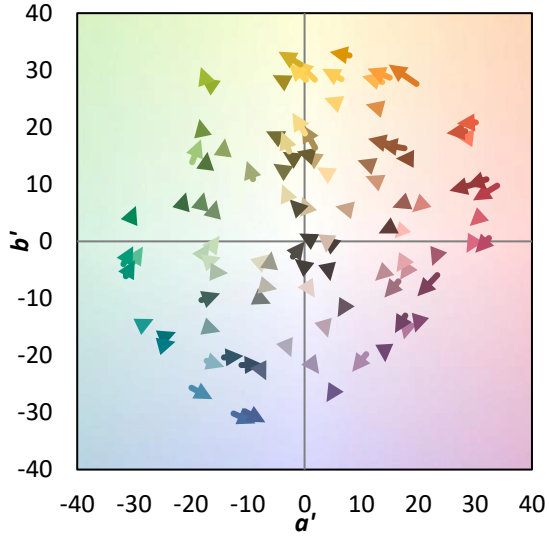


Color Vector Graphics







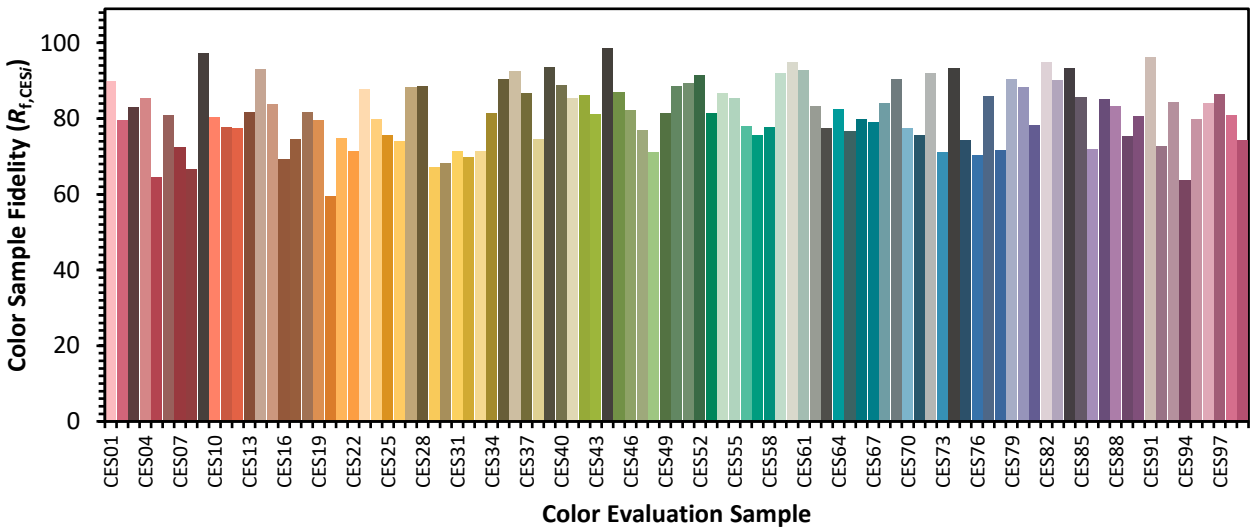


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Individual Sample Fidelity Index ($R_{f,i}$)

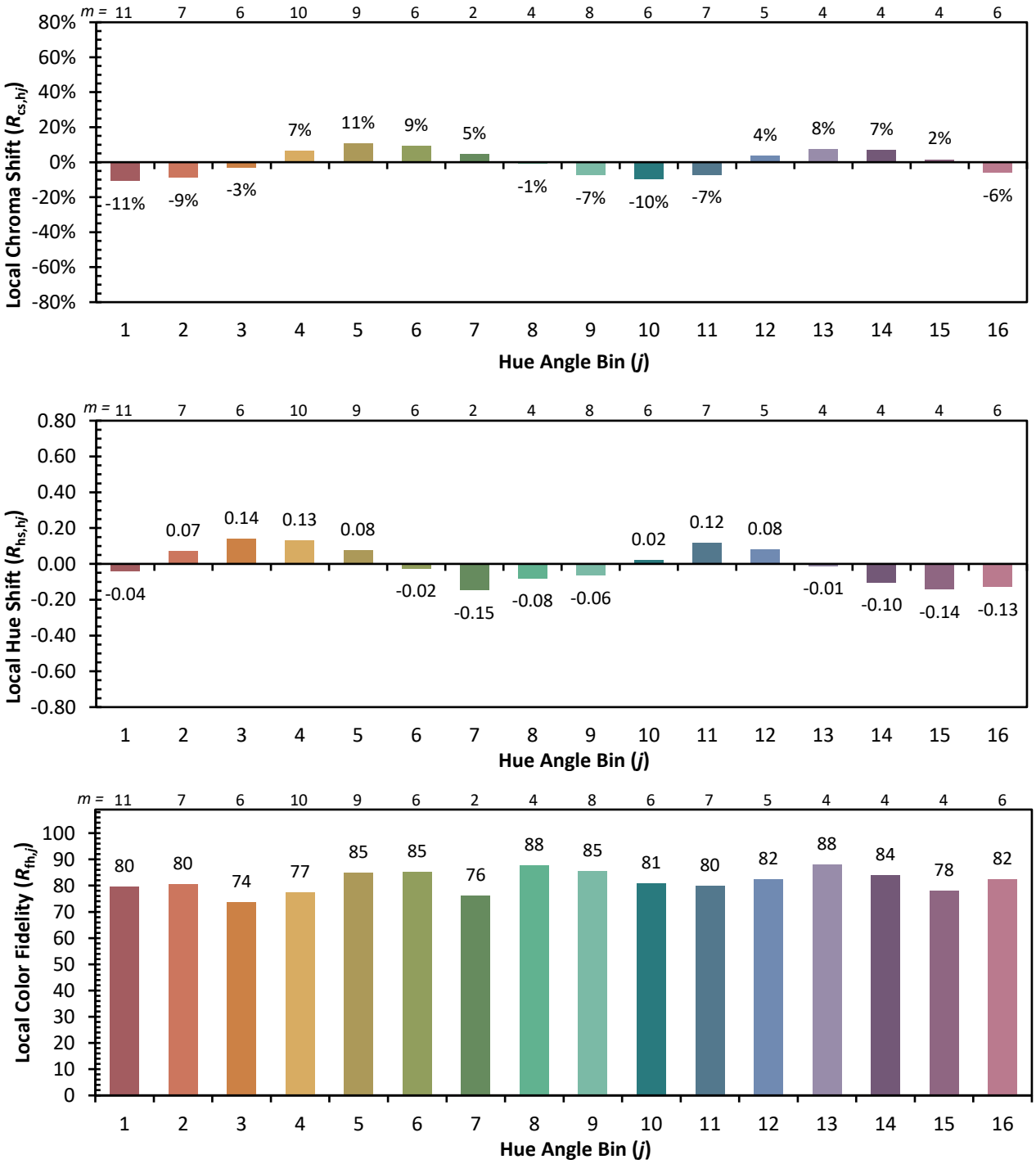
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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



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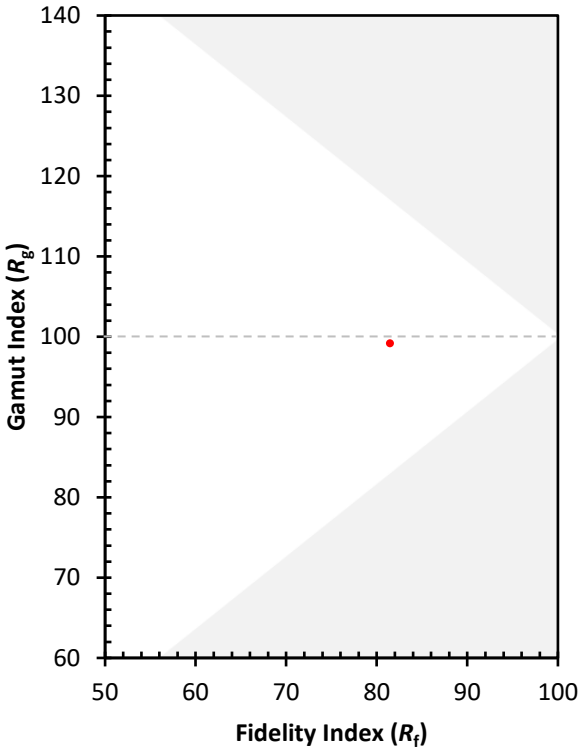
Color Rendition by Hue-Angle Bin

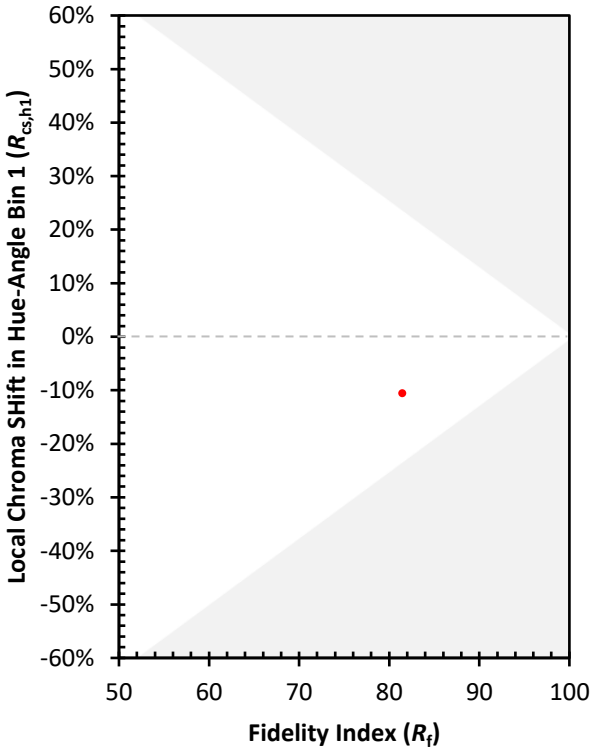


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Measure Comparisons





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