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

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: STREETWORKS

Report Number: P1066151

Luminaire Tested: **NVN-SA3C-830-U-T2BC**

Issue Date: 08/07/2025

Report Generated By 670347003

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

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1066151
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	NVN-SA3C-830-U-T2BC
Description:	Navion AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(42) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12978.1 lumens
Efficiency:	N/A
Efficacy:	92.4 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B0 - U0 - G2

Input Watts (W):	140.4
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: P1066151
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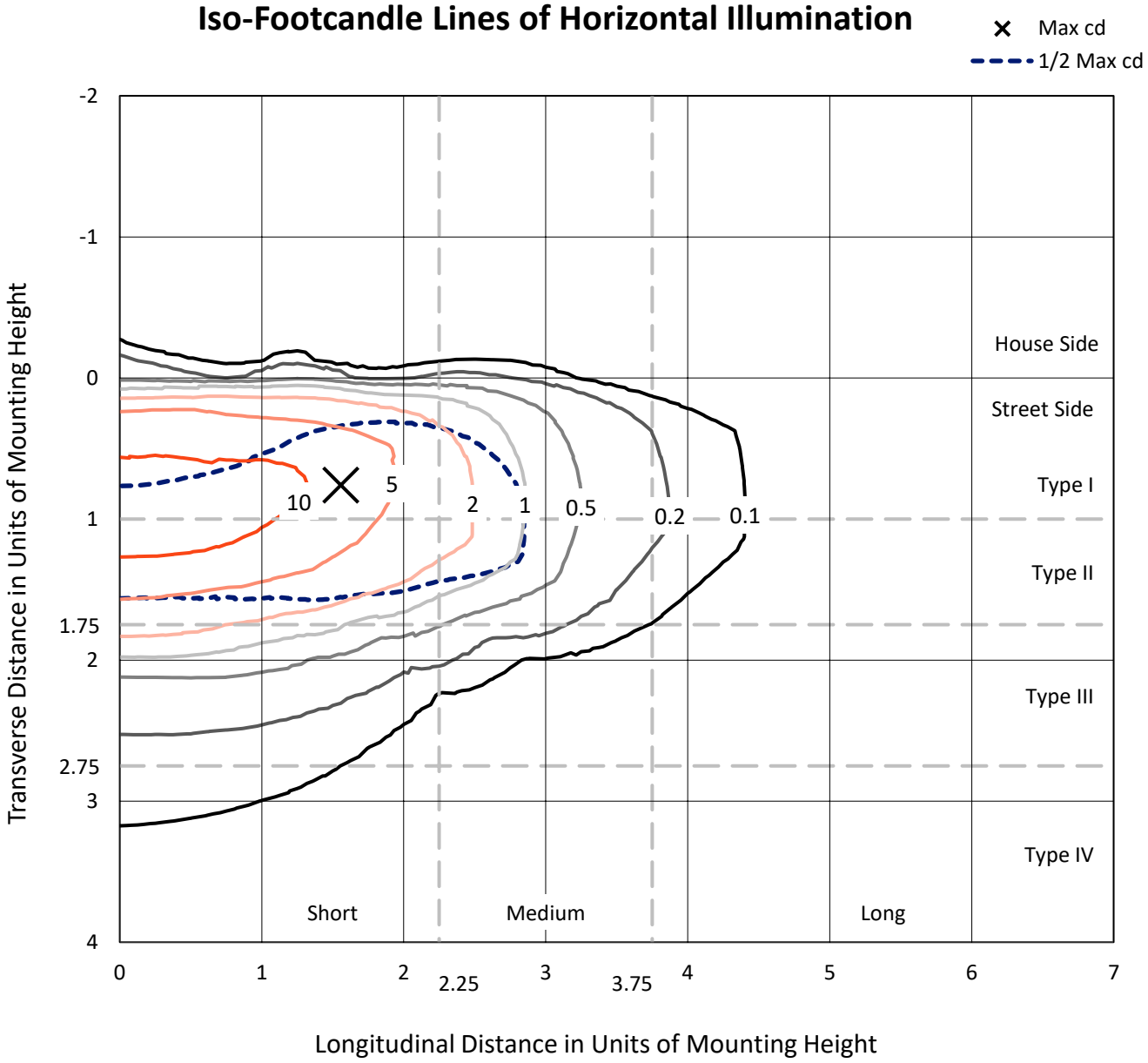
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 18.6 fc
Type II - Short - N/A

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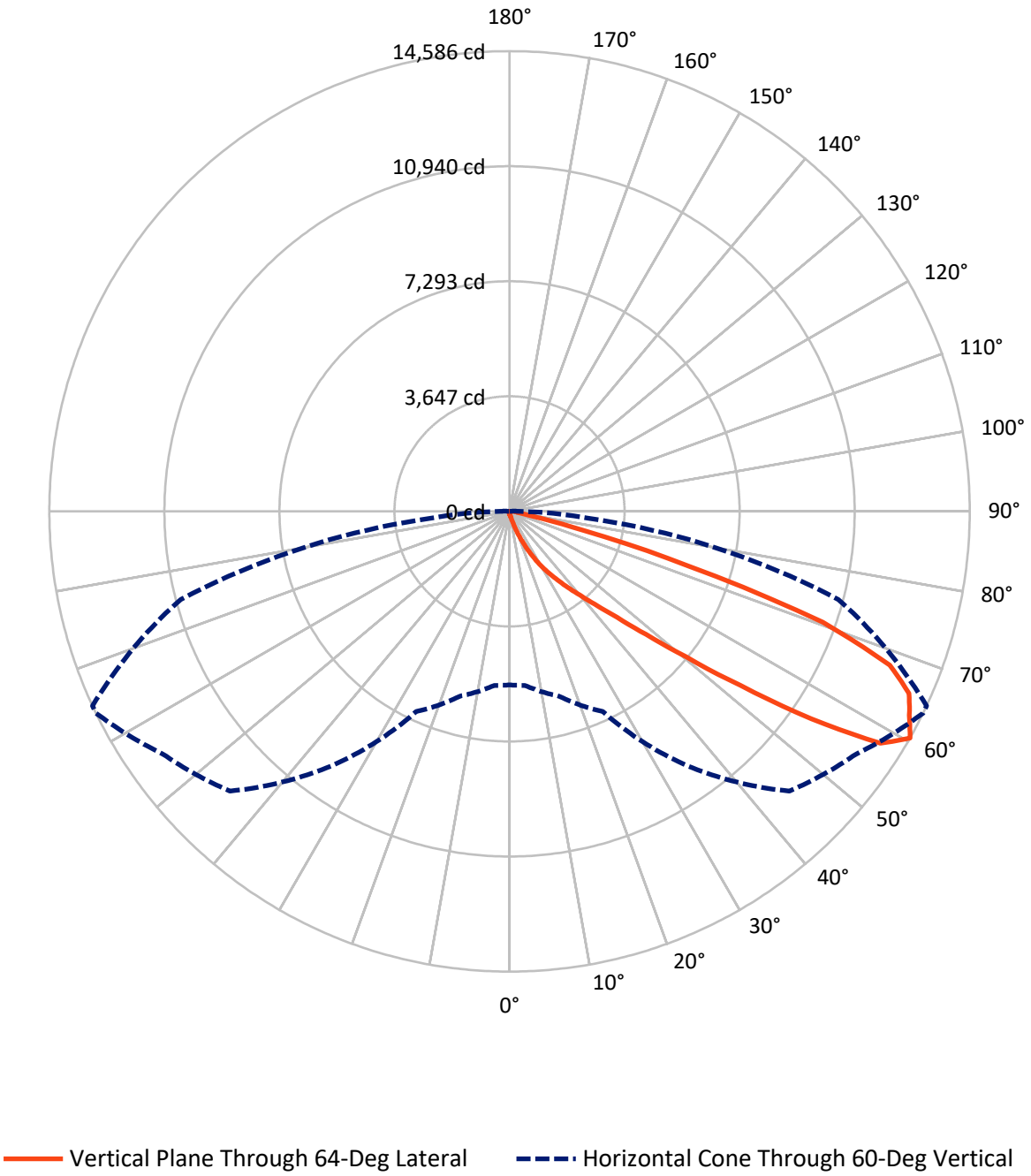
Luminous Intensity Polar Plot



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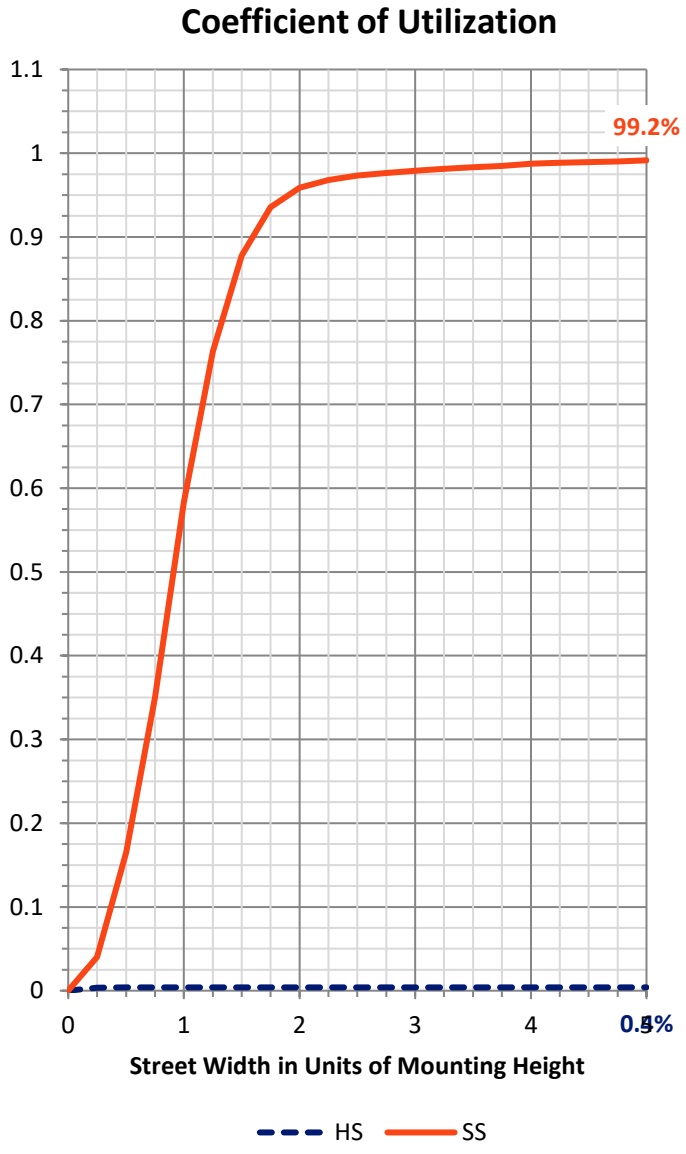
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	52.6	0.0	52.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	12925.5	0.0	12925.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	12978.1	0.0	12978.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.9	0.1
10°-20°	127.5	1.0
20°-30°	423.6	3.3
30°-40°	1130.2	8.7
40°-50°	2872.7	22.1
50°-60°	4187.8	32.3
60°-70°	3234.7	24.9
70°-80°	888.3	6.8
80°-90°	100.3	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°	12978.1	100.0
0°-180°	12978.1	100.0



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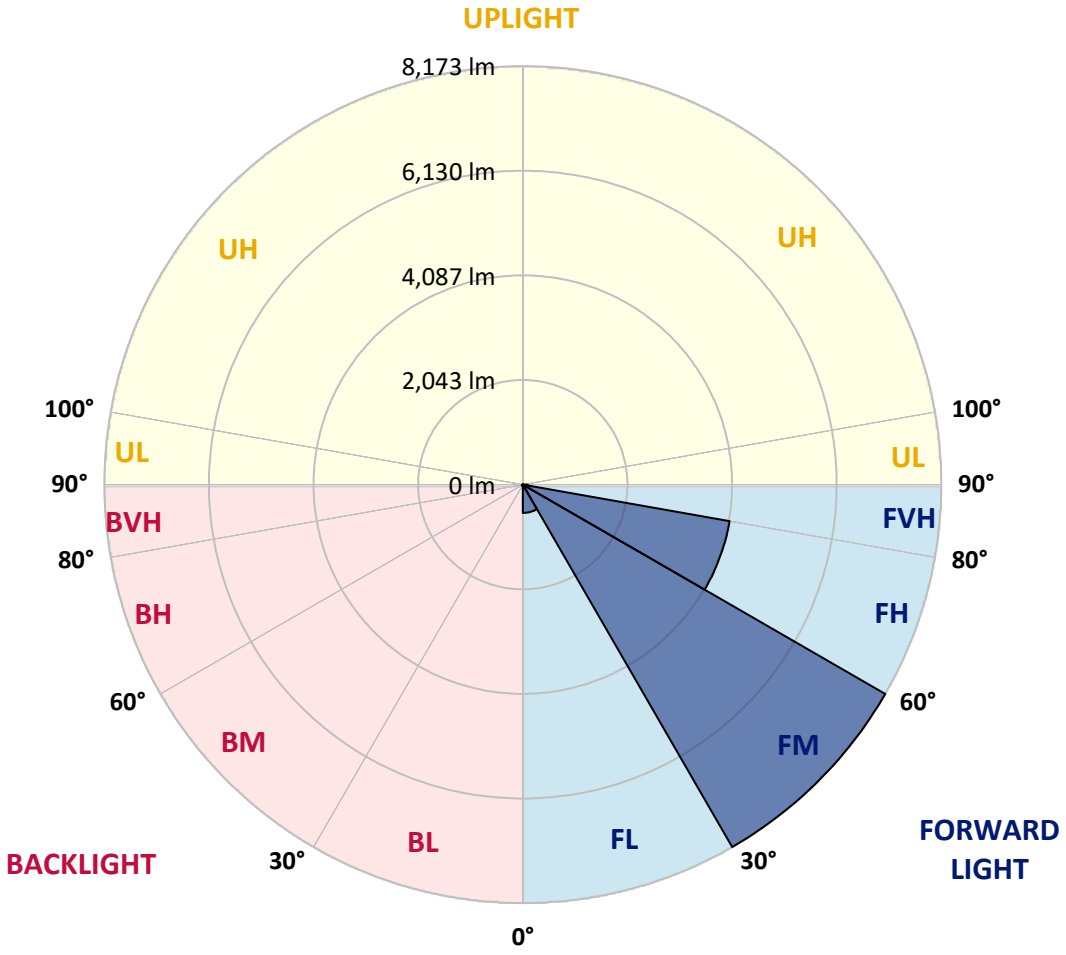
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	552.2	4.3			
FM	(30°-60°)	8173.4	63.0			
FH	(60°-80°)	4102.0	31.6			G2/5000
FVH	(80°-90°)	97.9	0.8			G1/100
BL	(0°-30°)	11.8	0.1	B0/110		
BM	(30°-60°)	17.4	0.1	B0/220		
BH	(60°-80°)	21.0	0.2	B0/110		G0/110
BVH	(80°-90°)	2.4	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
2.5°	114.3	114.3	114.3	110.7	107.2	107.2	103.6	100.0	100.0	92.9	89.3
5°	175.0	175.0	167.9	160.8	150.0	135.8	121.5	110.7	110.7	100.0	92.9
7.5°	343.0	353.7	321.5	282.2	228.6	192.9	153.6	128.6	125.0	107.2	92.9
10°	743.1	735.9	685.9	589.4	464.4	335.8	214.3	157.2	150.0	114.3	92.9
12.5°	1118.2	1128.9	1075.3	968.1	818.1	596.6	368.0	203.6	196.5	125.0	92.9
15°	1439.7	1439.7	1404.0	1350.4	1186.0	953.8	593.0	303.7	278.6	135.8	89.3
17.5°	1661.2	1657.6	1643.3	1629.0	1532.6	1293.2	907.4	485.8	428.7	160.8	89.3
20°	1911.2	1900.5	1918.4	1889.8	1814.8	1625.4	1239.6	721.6	668.0	203.6	89.3
22.5°	2172.0	2182.7	2197.0	2168.4	2086.3	1922.0	1589.7	1025.3	968.1	282.2	92.9
25°	2504.3	2497.1	2529.3	2504.3	2400.7	2207.7	1918.4	1357.5	1275.3	393.0	100.0
27.5°	2911.5	2897.2	2918.7	2854.4	2718.6	2522.1	2211.3	1696.9	1600.4	564.4	114.3
30°	3450.9	3461.7	3365.2	3290.2	3097.3	2836.5	2536.4	2061.3	1961.3	768.1	128.6
32.5°	4301.2	4226.2	4076.1	3772.5	3518.8	3186.6	2861.5	2379.2	2289.9	1028.9	150.0
35°	5626.5	5640.8	5312.2	4562.0	4011.8	3626.0	3218.7	2729.3	2665.0	1325.4	178.6
37.5°	7241.3	7202.0	6912.6	5965.9	4733.4	4172.6	3626.0	3111.6	3018.7	1646.9	214.3
40°	9070.3	8906.0	8738.1	8095.1	6237.4	4858.5	4140.4	3554.5	3483.1	2018.4	271.5
42.5°	10535.0	10492.2	10520.7	10252.8	8745.2	6026.6	4822.7	4097.5	4011.8	2479.2	371.5
45°	11256.6	11195.9	11367.4	11567.4	11181.6	8513.0	5923.0	4790.6	4676.3	3022.3	525.1
47.5°	11063.7	11020.9	11388.8	11781.8	12296.2	11396.0	7720.0	5826.6	5630.1	3718.9	753.8
50°	10113.5	10117.1	10720.8	11453.1	12267.6	12857.1	10381.4	7244.8	6998.3	4644.1	1111.0
52.5°	9188.2	9216.8	9856.3	10924.4	11842.5	13028.6	12717.8	9156.1	8756.0	5733.7	1532.6
55°	8238.0	8252.3	8816.7	10320.7	11642.5	12517.7	13918.1	11617.5	11192.3	7091.2	1943.4
57.5°	7323.4	7323.4	7534.2	8870.3	11424.6	12471.3	13775.2	13868.1	13521.6	8641.6	2247.0
60°	5501.5	5537.2	6062.4	6998.3	9852.7	12539.1	13410.8	14586.1	14586.1	10792.2	2479.2
62.5°	2779.3	2832.9	3486.7	4397.6	6759.0	11603.2	13468.0	14225.3	14282.5	12689.2	3008.0
65°	1303.9	1364.7	1714.8	2357.8	3636.7	8166.5	12874.9	13918.1	13900.2	12328.4	4122.6
67.5°	936.0	953.8	1071.7	1375.4	1957.7	3579.5	9827.7	13000.0	13007.1	10474.3	4740.6
70°	839.5	839.5	868.1	957.4	1178.9	1600.4	4776.3	10527.9	11038.7	8087.9	4394.1
72.5°	828.8	821.7	814.5	818.1	796.6	803.8	1639.7	5944.5	6673.3	5658.7	3504.5
75°	807.4	807.4	800.2	775.2	635.9	518.0	564.4	2404.2	2779.3	3779.6	2600.7
77.5°	639.5	703.8	778.8	732.3	582.3	389.4	328.7	696.6	878.8	2318.5	1886.2
80°	296.5	300.1	296.5	310.8	371.5	278.6	242.9	339.4	343.0	1286.1	1168.2
82.5°	214.3	217.9	207.2	185.8	164.3	150.0	200.1	250.1	267.9	589.4	435.8
85°	64.3	60.7	71.4	96.5	114.3	132.2	167.9	210.8	221.5	217.9	64.3
87.5°	28.6	28.6	35.7	50.0	67.9	100.0	146.5	192.9	196.5	225.1	17.9
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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CATALOG NUMBER: NVN-SA3C-830-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
2.5°	89.3	85.7	82.2	78.6	75.0	71.4	67.9	67.9	71.4	71.4	71.4
5°	85.7	82.2	75.0	67.9	64.3	60.7	57.2	57.2	60.7	60.7	60.7
7.5°	85.7	78.6	71.4	64.3	57.2	53.6	50.0	50.0	50.0	53.6	53.6
10°	85.7	78.6	67.9	57.2	50.0	46.4	42.9	39.3	42.9	42.9	42.9
12.5°	82.2	75.0	64.3	53.6	42.9	35.7	32.2	32.2	32.2	32.2	32.2
15°	78.6	71.4	60.7	46.4	35.7	28.6	21.4	21.4	21.4	25.0	25.0
17.5°	75.0	67.9	53.6	35.7	25.0	17.9	14.3	14.3	14.3	17.9	17.9
20°	75.0	64.3	46.4	28.6	17.9	10.7	7.1	7.1	7.1	10.7	14.3
22.5°	75.0	64.3	42.9	21.4	10.7	7.1	3.6	3.6	3.6	3.6	3.6
25°	75.0	60.7	39.3	17.9	7.1	3.6	0.0	0.0	3.6	7.1	10.7
27.5°	75.0	57.2	32.2	10.7	7.1	3.6	0.0	3.6	7.1	7.1	7.1
30°	75.0	57.2	28.6	10.7	3.6	0.0	0.0	3.6	7.1	7.1	10.7
32.5°	78.6	53.6	25.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	82.2	50.0	21.4	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	89.3	50.0	14.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	100.0	53.6	14.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	125.0	57.2	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	175.0	71.4	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	257.2	107.2	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	375.1	146.5	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	460.8	146.5	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	457.3	92.9	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	350.1	64.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	*296.5*	*46.4*	*3.6*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	357.2	35.7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	635.9	32.2	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1021.7	32.2	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1143.2	32.2	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	893.1	28.6	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	489.4	25.0	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	246.5	17.9	7.1	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0
80°	103.6	14.3	7.1	3.6	3.6	3.6	0.0	0.0	0.0	0.0	0.0
82.5°	35.7	14.3	7.1	7.1	3.6	3.6	0.0	0.0	0.0	0.0	0.0
85°	17.9	10.7	10.7	7.1	7.1	3.6	3.6	0.0	0.0	0.0	0.0
87.5°	10.7	10.7	10.7	7.1	7.1	3.6	3.6	0.0	0.0	0.0	3.6
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

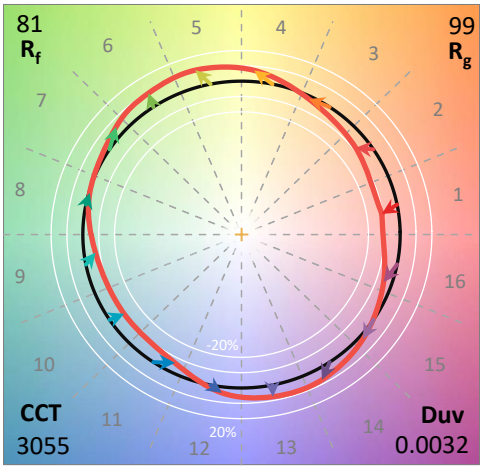
Test Information

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

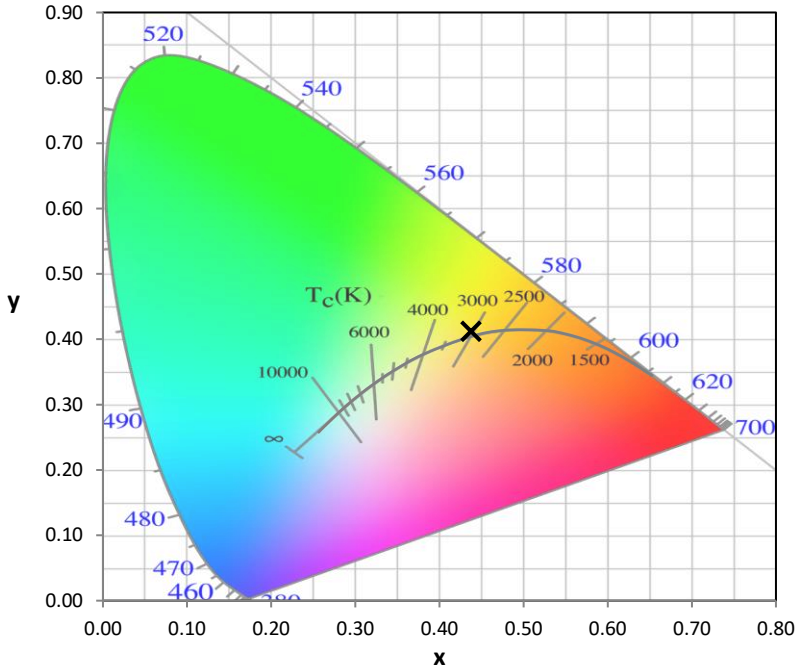
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

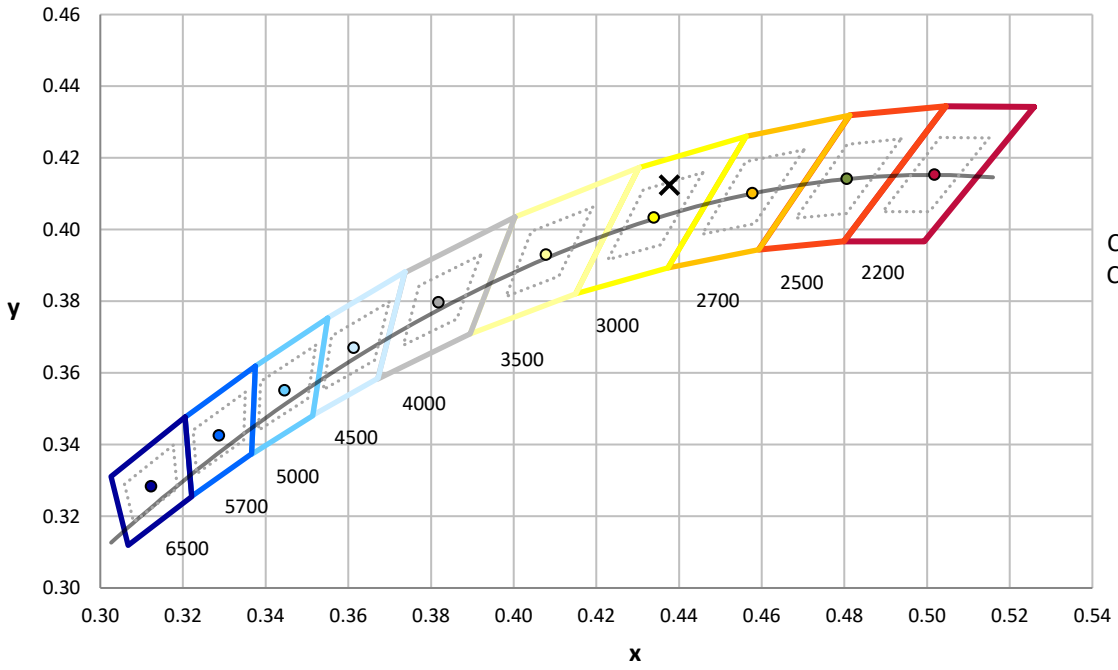
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

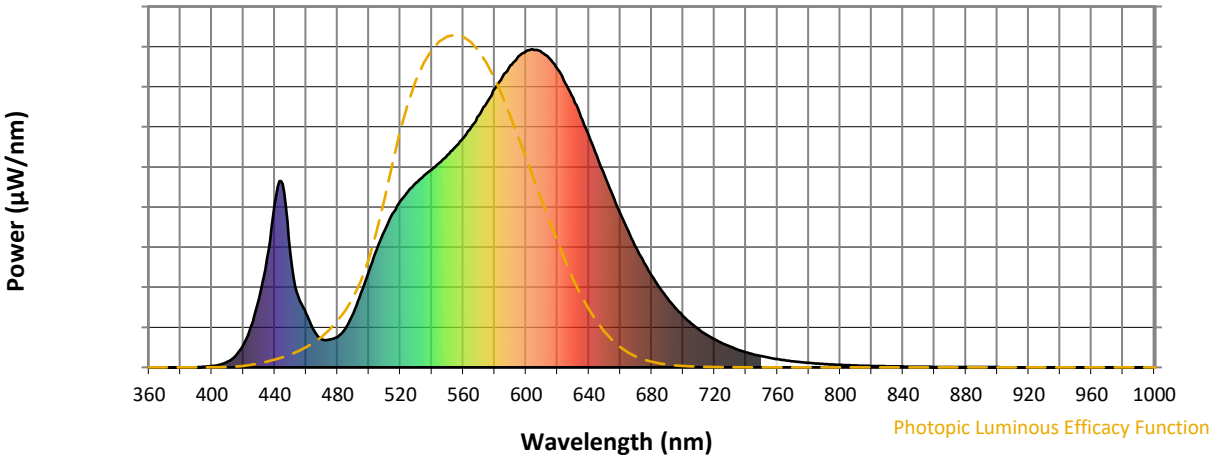


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

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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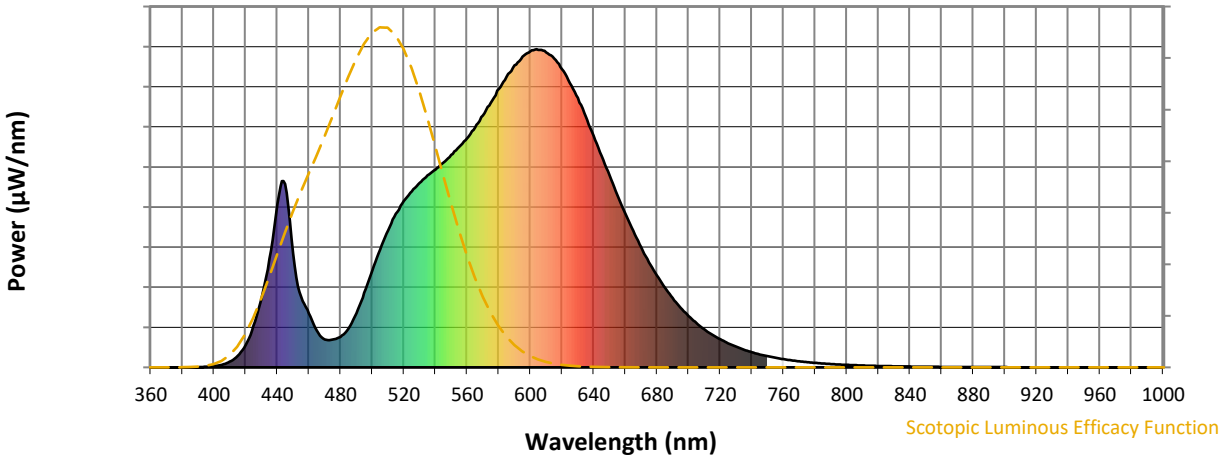
Scotopic Flux vs. Wavelength



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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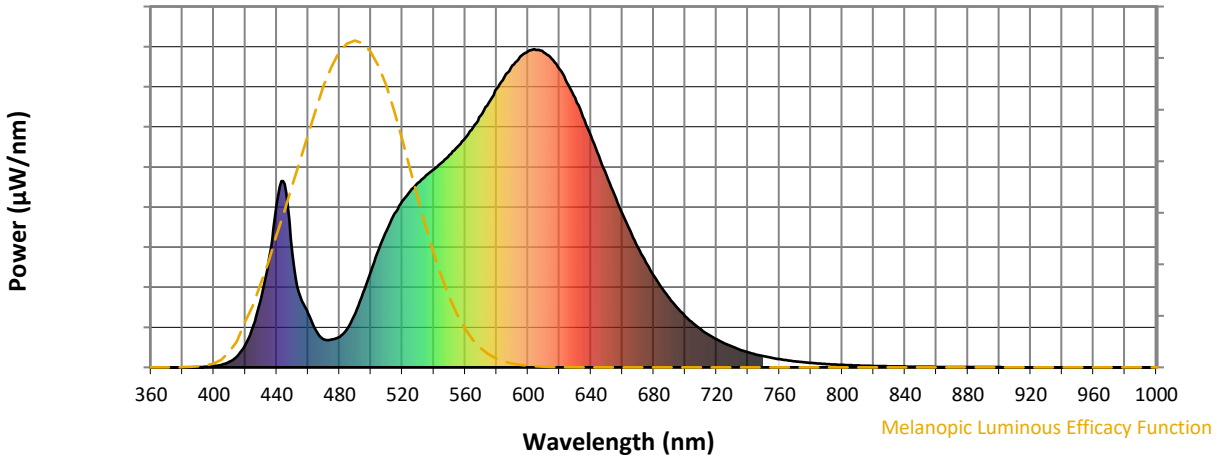
Melanopic Flux vs. Wavelength



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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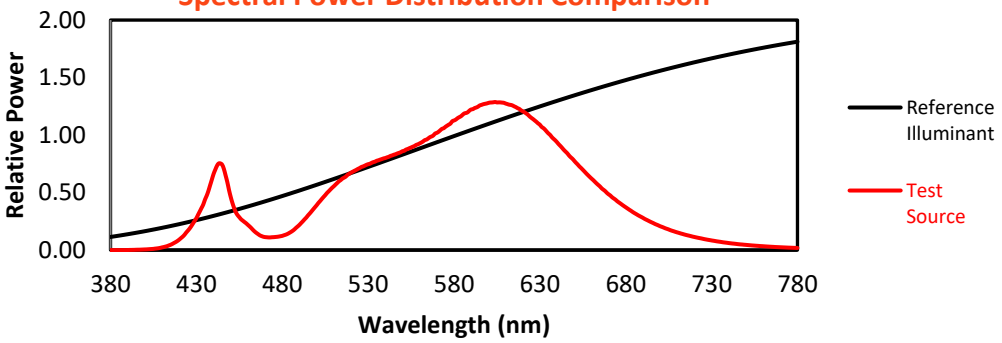
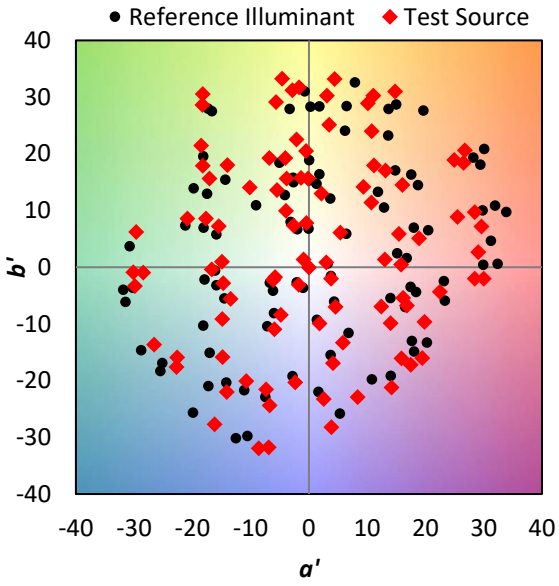
Summary

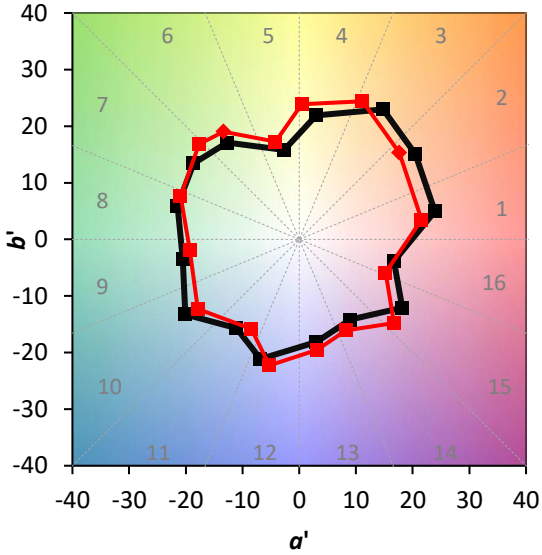
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

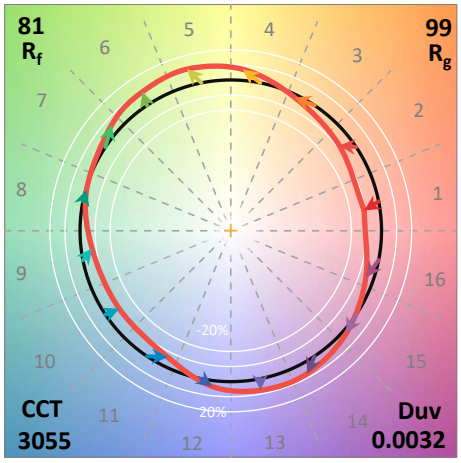
Spectral Power Distribution Comparison

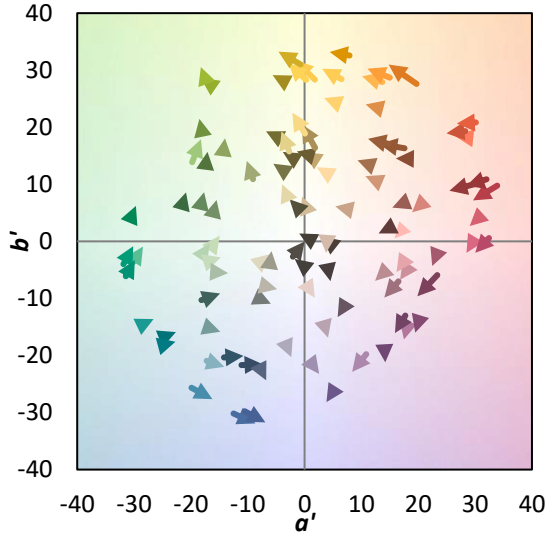


Color Vector Graphics









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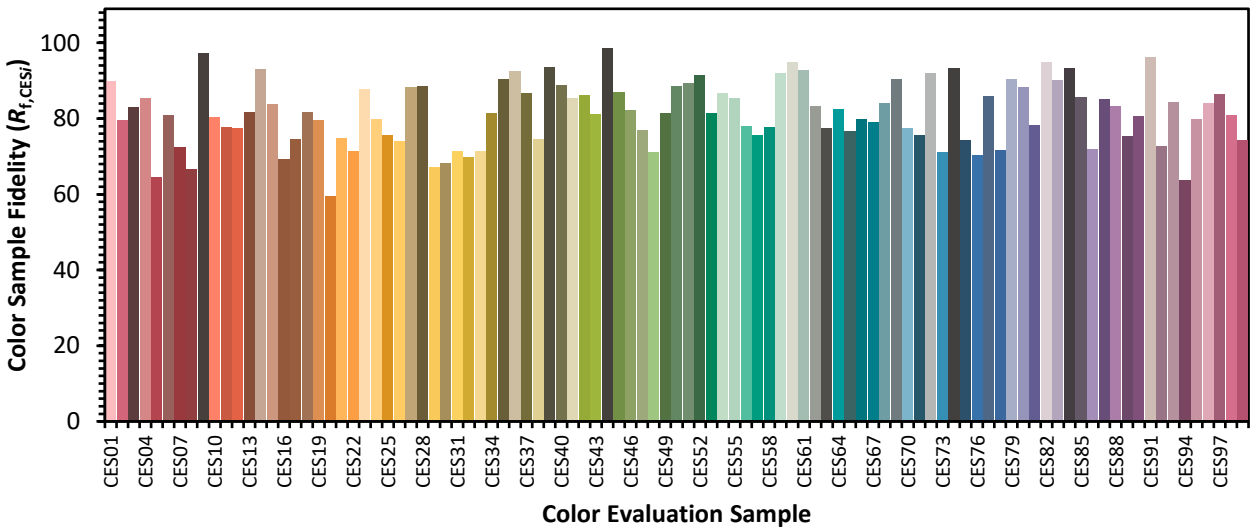
Individual Sample Fidelity Index ($R_{f,i}$)

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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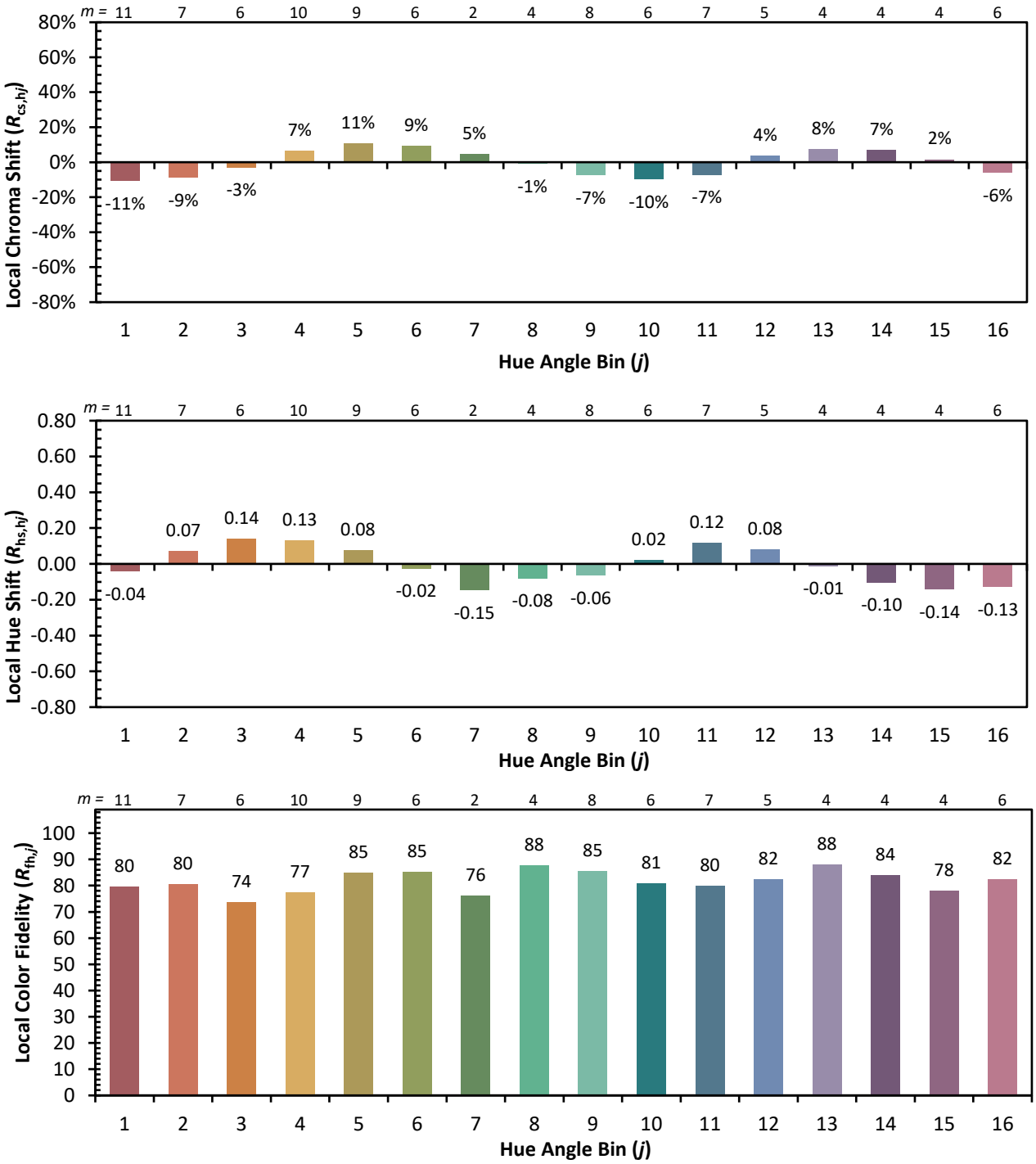
Color Rendition by Hue-Angle Bin



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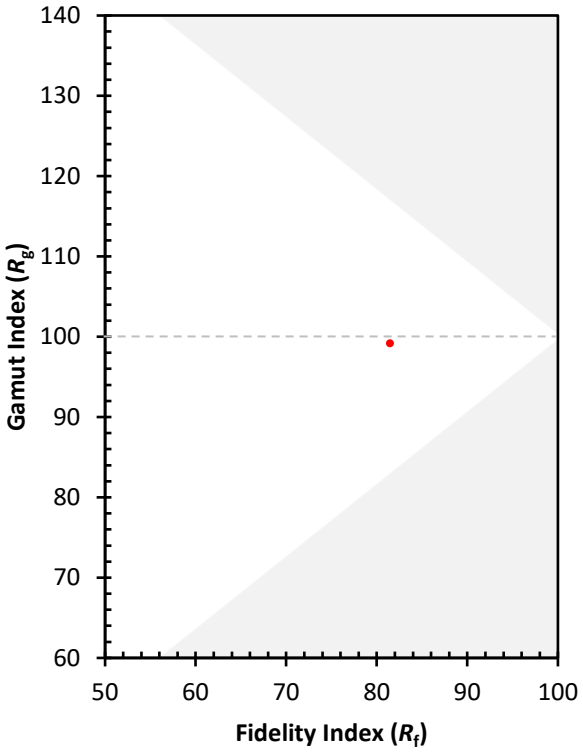
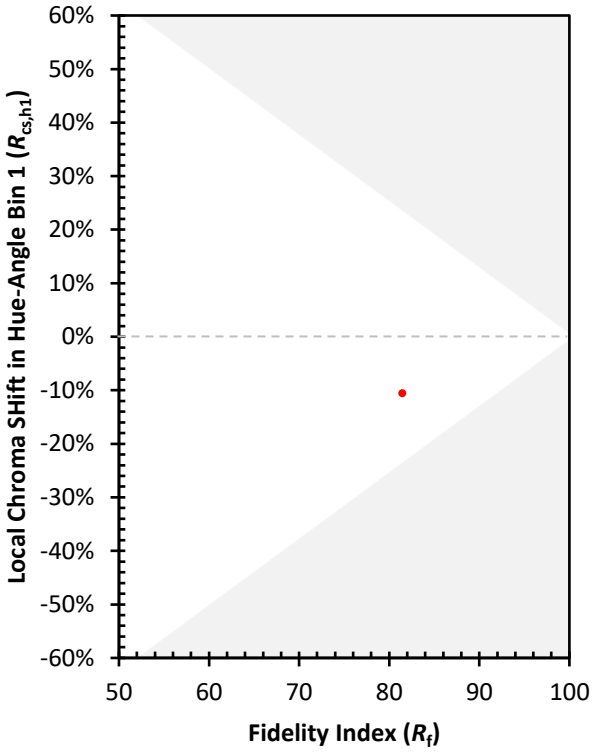
Measure Comparisons





(END OF REPORT)