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: P1065892

Luminaire Tested: **NVN-SA4D-827-U-T3BC**

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:	P1065892
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	NVN-SA4D-827-U-T3BC
Description:	Navion AREA AND ROADWAY LUMINAIRE 1200mA 4xLight Square PACKAGE 80CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(56) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	18615.4 lumens
Efficiency:	N/A
Efficacy:	85.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G4

Input Watts (W):	218.9
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: P1065892
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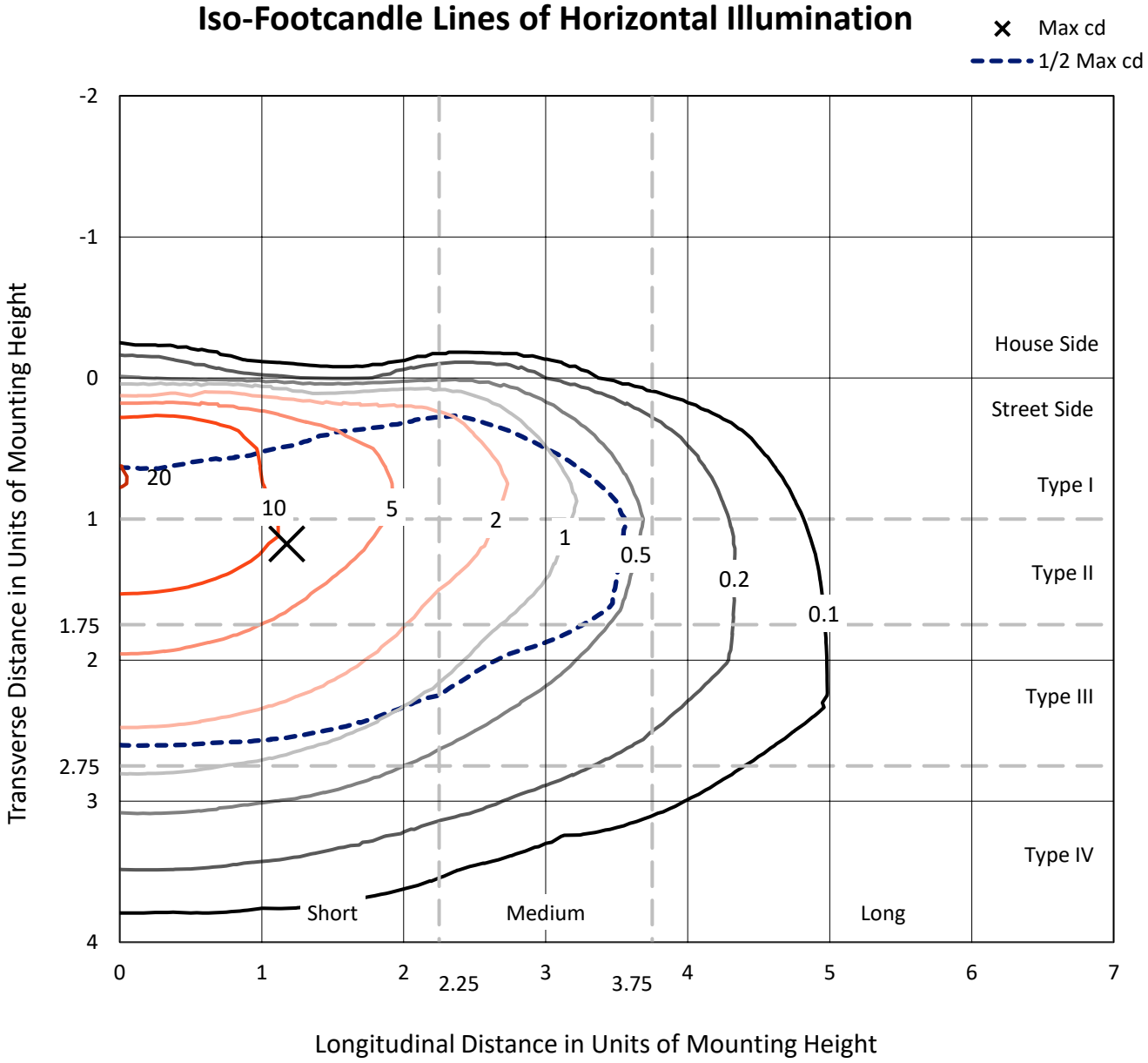
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 20.3 fc
Type III - Short - N/A

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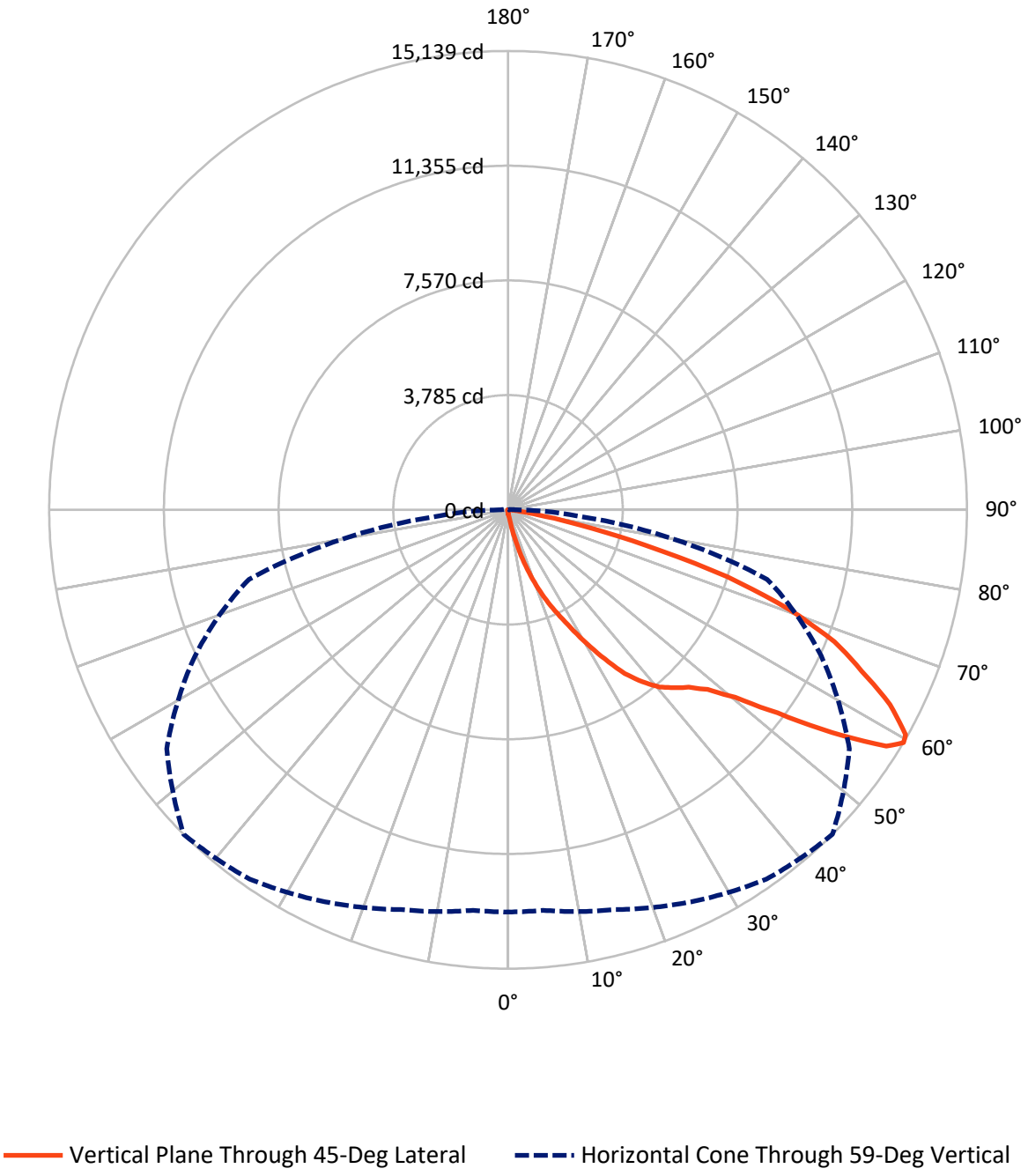
Luminous Intensity Polar Plot



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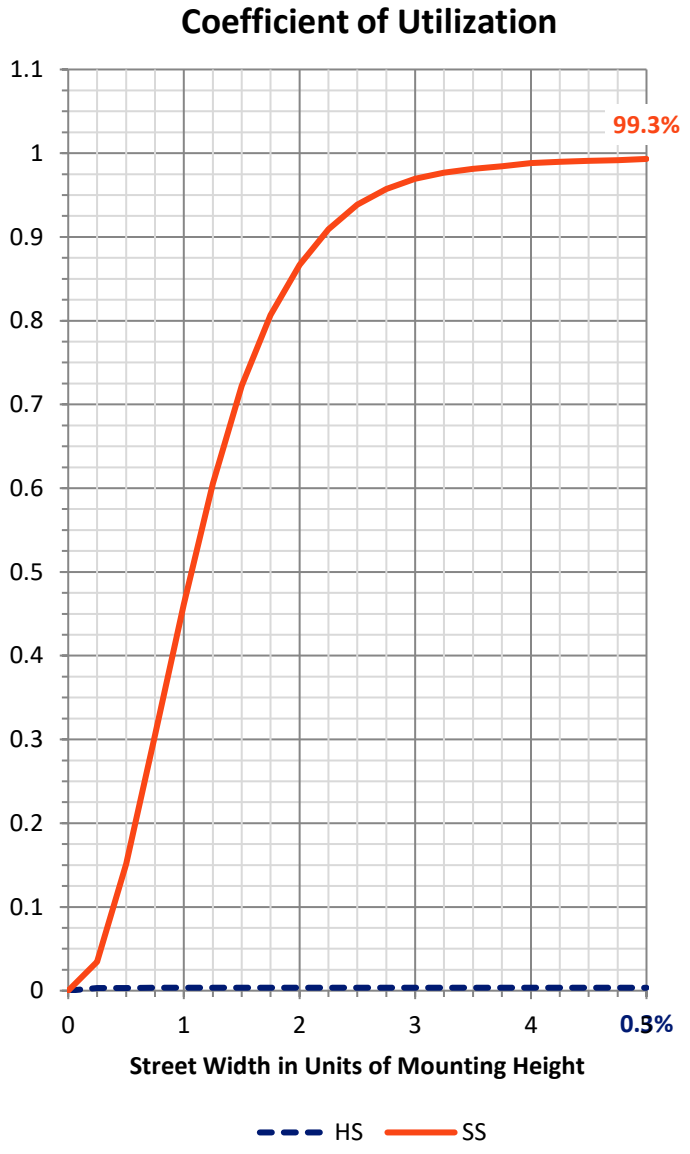
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	66.1	0.0	66.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	18549.3	0.0	18549.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	18615.4	0.0	18615.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.3	0.1
10°-20°	205.7	1.1
20°-30°	739.3	4.0
30°-40°	1717.9	9.2
40°-50°	2928.1	15.7
50°-60°	4824.7	25.9
60°-70°	5578.5	30.0
70°-80°	2396.7	12.9
80°-90°	207.1	1.1
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°	18615.4	100.0
0°-180°	18615.4	100.0



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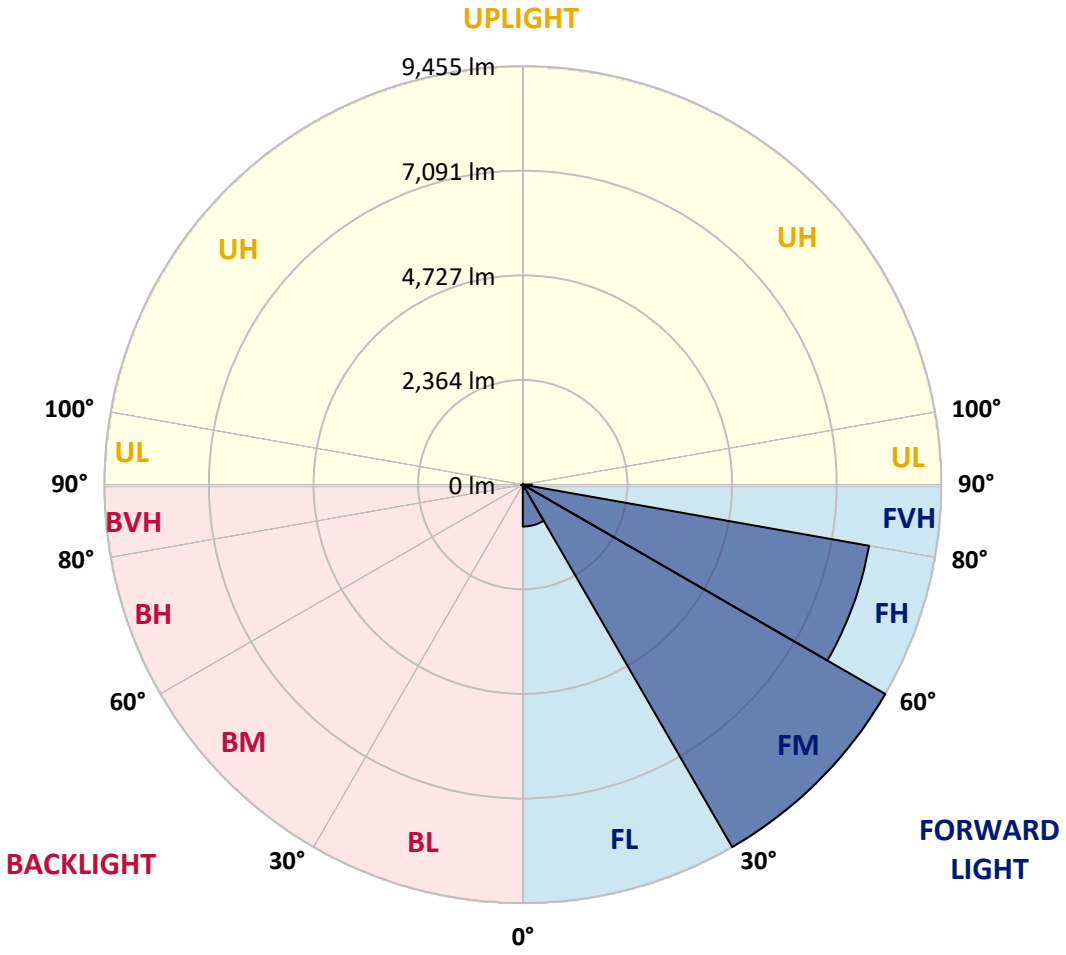
CATALOG NUMBER: NVN-SA4D-827-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	946.0	5.1			
FM	(30°-60°)	9454.8	50.8			
FH	(60°-80°)	7944.1	42.7			G4/12000
FVH	(80°-90°)	204.4	1.1			G2/225
BL	(0°-30°)	16.3	0.1	B0/110		
BM	(30°-60°)	16.0	0.1	B0/220		
BH	(60°-80°)	31.1	0.2	B0/110		G0/110
BVH	(80°-90°)	2.7	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-G4
Type III Short



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REPORT NUMBER: P1065892
CATALOG NUMBER: NVN-SA4D-827-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	117.7	117.7	117.7	117.7	117.7	117.7	*117.7*	117.7	117.7	117.7	117.7
2.5°	152.7	152.7	149.0	143.9	142.7	138.9	*138.9*	135.2	130.2	126.4	121.4
5°	221.6	220.3	210.3	197.8	181.5	171.5	*171.5*	157.7	145.2	133.9	123.9
7.5°	484.4	473.1	436.8	376.8	297.9	245.3	*241.6*	196.5	166.5	143.9	125.2
10°	1111.5	1072.7	1021.4	877.4	648.4	453.1	*444.4*	286.6	199.0	155.2	127.7
12.5°	1821.2	1852.5	1749.9	1523.3	1255.5	933.8	*871.2*	483.2	262.9	170.2	130.2
15°	2467.1	2459.6	2402.0	2216.8	1907.6	1479.5	*1440.7*	839.9	376.8	194.0	132.7
17.5°	2950.3	2941.5	2886.4	2767.5	2529.7	2101.6	*2067.8*	1339.3	590.8	227.8	135.2
20°	3459.7	3448.4	3370.8	3275.7	3067.9	2703.7	*2663.6*	1897.6	925.0	282.9	135.2
22.5°	4070.5	4049.3	3966.7	3805.2	3586.1	3269.5	*3233.2*	2468.4	1339.3	373.0	141.4
25°	4809.0	4772.7	4658.8	4513.6	4249.5	3829.0	*3790.2*	3104.2	1838.8	509.4	147.7
27.5°	5651.4	5657.7	5503.7	5258.4	4904.2	4474.8	*4402.2*	3673.8	2355.7	704.7	155.2
30°	6651.6	6589.0	6372.4	6087.0	5742.8	5195.8	*5125.7*	4240.8	2936.5	992.6	167.7
32.5°	7587.8	7520.2	7228.6	6869.4	6500.1	5923.1	*5865.5*	4877.9	3464.7	1333.1	190.3
35°	8391.4	8343.9	7935.8	7497.7	7169.8	6654.1	*6636.5*	5588.9	4085.6	1699.8	215.3
37.5°	9098.6	9012.3	8487.8	8033.4	7700.5	7238.6	*7201.1*	6239.7	4683.9	2125.4	252.8
40°	9702.0	9654.4	9014.8	8417.7	8147.3	7734.3	*7686.7*	6810.5	5302.2	2619.8	299.2
42.5°	10347.8	10285.3	9664.4	8994.7	8496.6	8054.7	*8023.4*	7281.2	5853.0	3163.1	368.0
45°	11077.6	10961.2	10416.7	9815.9	9058.6	8386.4	*8351.4*	7700.5	6417.5	3746.4	451.9
47.5°	11857.4	11756.0	11315.4	10893.6	10022.4	8933.4	*8858.3*	8057.2	6978.3	4419.8	558.3
50°	12651.0	12653.5	12323.0	12120.3	11200.2	9822.1	*9715.7*	8581.7	7567.8	5140.7	716.0
52.5°	13574.7	13598.5	13593.5	13443.3	12729.8	11275.4	*11132.7*	9377.8	8252.5	5981.9	933.8
55°	13961.5	14004.1	14280.7	14613.6	14419.6	13117.9	*12965.2*	10750.9	9160.0	6919.4	1256.7
57.5°	13644.8	13692.4	14074.2	14657.5	15103.1	14731.3	*14713.8*	12538.3	10355.3	8056.0	1784.9
59°	*13268.1*	*13261.8*	*13653.6*	*14271.9*	*14872.7*	*15114.3*	*15139.4*	*13747.5*	*11396.8*	*8853.3*	*2240.6*
60°	13017.7	13022.7	13283.1	13917.7	14556.1	14975.4	*15073.0*	14459.7	12005.1	9426.6	2631.1
62.5°	12051.4	12109.0	12315.5	12905.1	13510.9	13979.0	*14145.5*	15094.3	13746.2	10780.9	3989.2
65°	11001.2	11005.0	11299.1	11803.6	12384.4	12713.6	*12818.7*	14106.7	14909.0	12160.3	5770.4
67.5°	9127.4	9203.8	9538.0	10355.3	11122.6	11539.5	*11619.6*	12279.2	14427.1	13059.0	6662.8
70°	6387.4	6487.6	6964.5	8024.7	9167.5	9852.2	*9847.2*	10207.6	12697.3	12658.5	5648.9
72.5°	3189.3	3362.1	3751.4	4886.7	6271.0	7346.3	*7572.8*	8211.2	10200.1	10514.3	4214.5
75°	1409.4	1419.4	1641.0	2213.0	3116.7	4482.4	*4685.1*	6517.6	7825.7	7307.4	3044.1
77.5°	819.9	827.4	867.4	993.9	1263.0	2196.7	*2424.6*	4274.6	5530.0	4247.0	1985.2
80°	297.9	305.4	304.2	376.8	553.3	864.9	*963.8*	2071.6	3688.8	2236.8	1040.2
82.5°	182.7	182.7	176.5	177.7	201.5	331.7	*363.0*	882.5	1796.2	1101.5	297.9
85°	90.1	95.1	101.4	113.9	135.2	164.0	*174.0*	252.8	604.6	266.6	71.3
87.5°	53.8	55.1	60.1	72.6	90.1	117.7	*125.2*	171.5	216.5	179.0	17.5
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-SA4D-827-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	117.7	117.7	117.7	117.7	117.7	117.7	117.7	117.7	117.7	117.7	117.7
2.5°	118.9	117.7	111.4	106.4	101.4	96.4	92.6	88.9	88.9	90.1	88.9
5°	118.9	113.9	103.9	95.1	87.6	81.4	75.1	70.1	68.8	68.8	70.1
7.5°	117.7	111.4	97.6	86.4	76.4	67.6	61.3	55.1	53.8	55.1	53.8
10°	116.4	108.9	92.6	78.9	65.1	56.3	47.6	41.3	41.3	41.3	42.6
12.5°	116.4	105.1	87.6	71.3	56.3	46.3	37.6	31.3	30.0	30.0	30.0
15°	115.2	102.6	82.6	62.6	47.6	35.0	27.5	21.3	21.3	21.3	21.3
17.5°	112.7	98.9	76.4	55.1	37.6	26.3	18.8	12.5	12.5	15.0	15.0
20°	110.1	95.1	68.8	45.1	31.3	20.0	12.5	7.5	7.5	11.3	12.5
22.5°	111.4	95.1	63.8	40.1	25.0	15.0	10.0	6.3	5.0	8.8	11.3
25°	112.7	92.6	57.6	35.0	18.8	11.3	7.5	2.5	1.3	2.5	3.8
27.5°	112.7	90.1	50.1	27.5	13.8	8.8	3.8	0.0	0.0	0.0	0.0
30°	111.4	86.4	43.8	22.5	10.0	5.0	1.3	0.0	0.0	0.0	0.0
32.5°	110.1	82.6	40.1	17.5	8.8	2.5	0.0	0.0	0.0	0.0	0.0
35°	111.4	77.6	35.0	13.8	5.0	0.0	0.0	0.0	0.0	0.0	2.5
37.5°	115.2	72.6	30.0	11.3	3.8	0.0	0.0	0.0	0.0	0.0	0.0
40°	120.2	68.8	25.0	8.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	130.2	68.8	22.5	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	142.7	68.8	18.8	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	159.0	70.1	16.3	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	179.0	72.6	15.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	194.0	70.1	13.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	220.3	67.6	12.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	255.3	63.8	12.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	*290.4*	*58.8*	*12.5*	*1.3*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	330.4	56.3	11.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	545.7	50.1	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1053.9	47.6	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1703.6	47.6	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1791.2	47.6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1191.6	38.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	638.4	35.0	3.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	344.2	32.5	5.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	151.5	23.8	6.3	3.8	2.5	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	60.1	16.3	7.5	6.3	5.0	2.5	0.0	0.0	0.0	0.0	0.0
85°	28.8	12.5	10.0	8.8	6.3	3.8	0.0	0.0	0.0	0.0	0.0
87.5°	13.8	12.5	11.3	10.0	8.8	6.3	1.3	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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

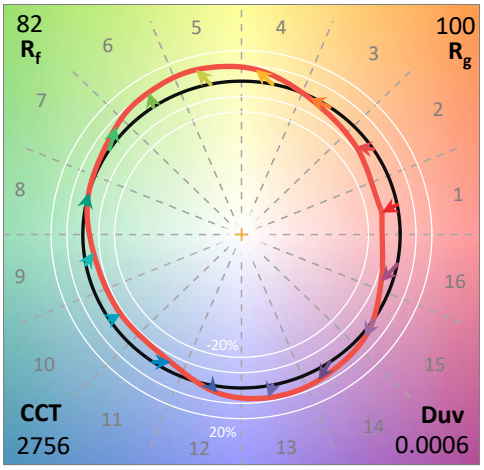
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-8
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-827-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2756
CIE u':	0.2599
CIE v':	0.5271
Duv:	0.0006
CIE x:	0.4563
CIE y:	0.4112
CIE z:	0.1325
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	583
Purity:	60.41121
Rf:	82.2
Rg:	99.9

CRI (Ra):	82.9
R1:	81.6
R2:	88.8
R3:	96.0
R4:	83.4
R5:	81.4
R6:	87.0
R7:	84.0
R8:	60.8
R9:	10.8
R10:	74.8
R11:	84.3
R12:	72.1
R13:	82.9
R14:	97.3
R15:	73.7



Test Conditions

Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

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

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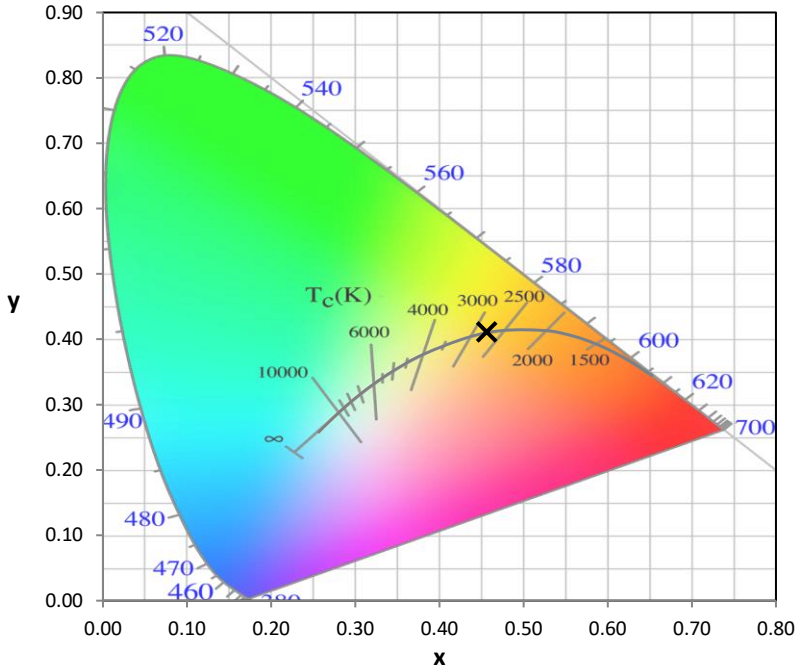
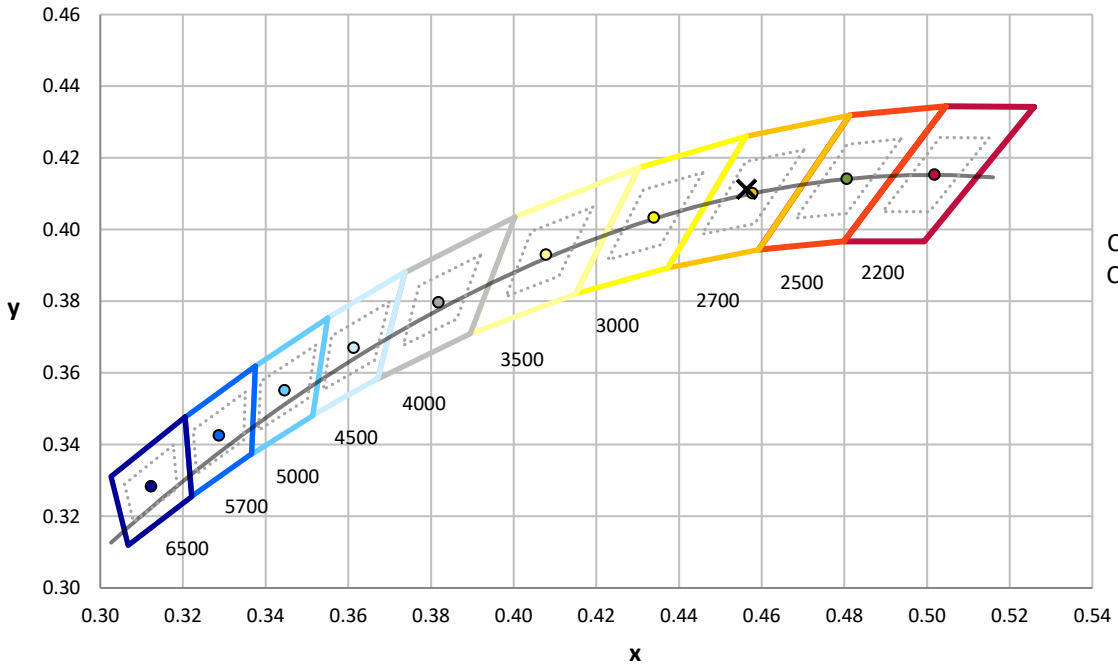
CIE 1931 Chromaticity Diagram



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

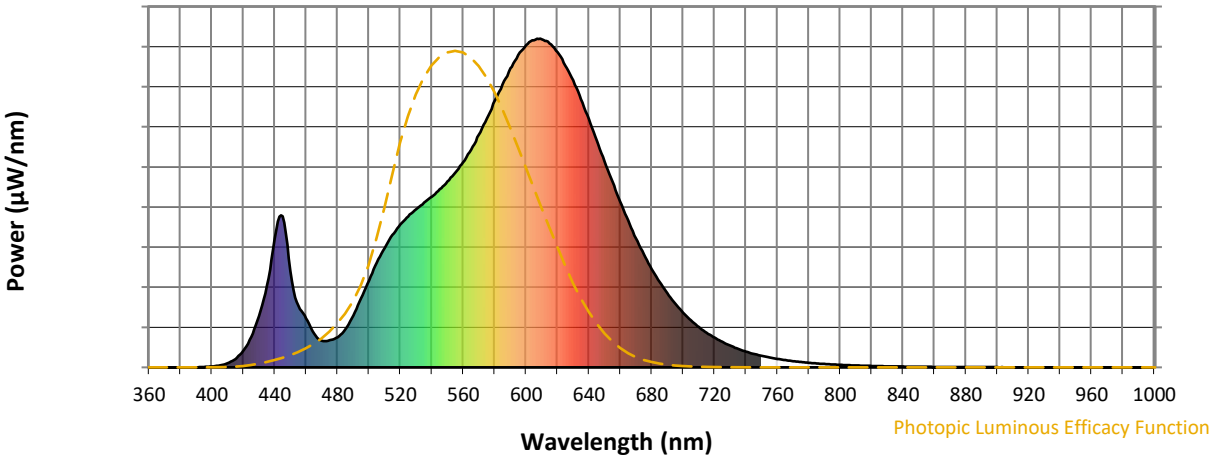


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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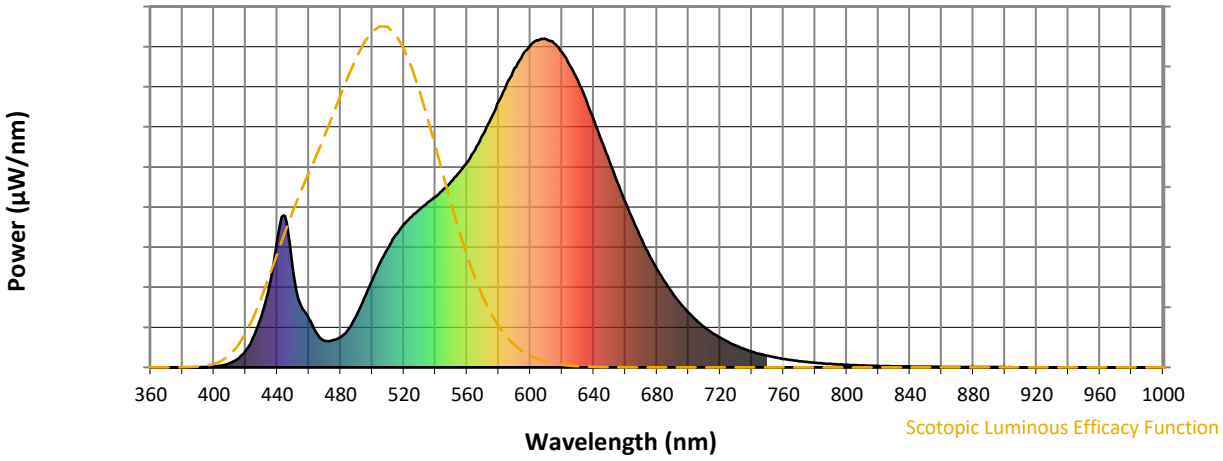
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.2**

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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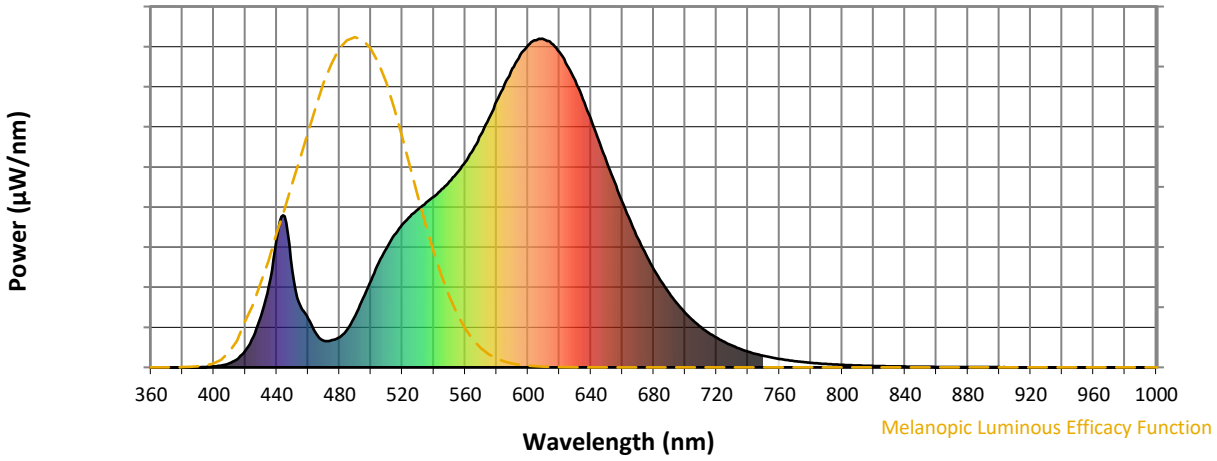
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.16**

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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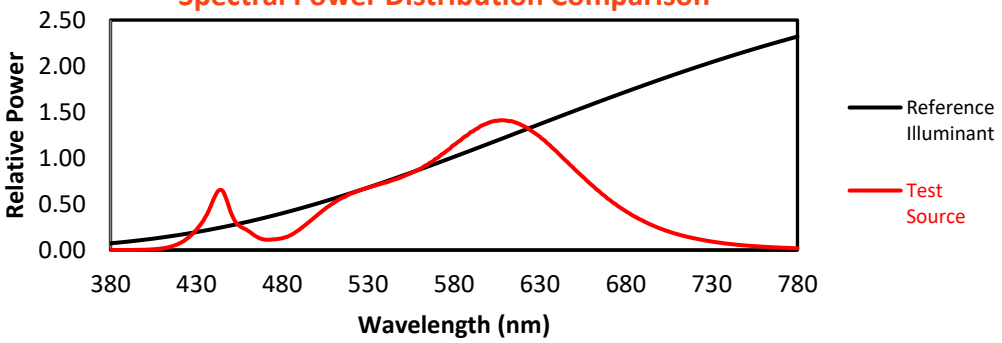
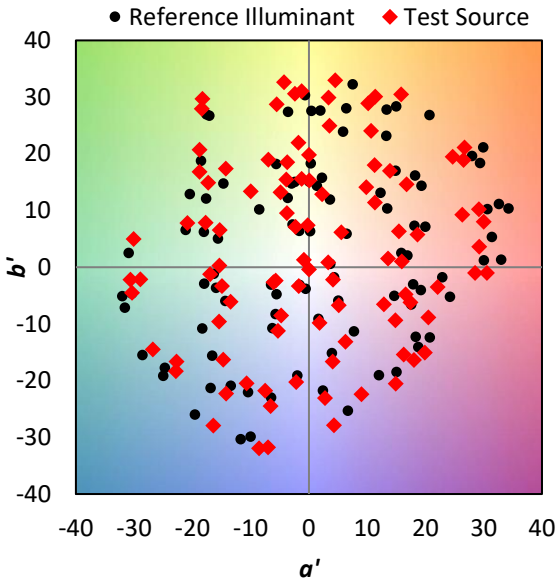
Summary

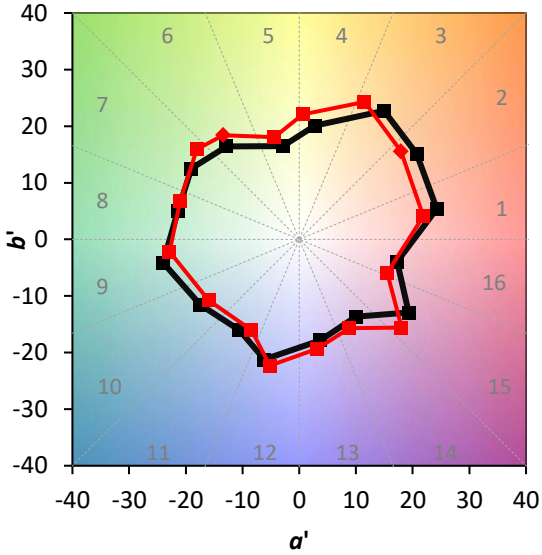
R_f = 82.2
R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

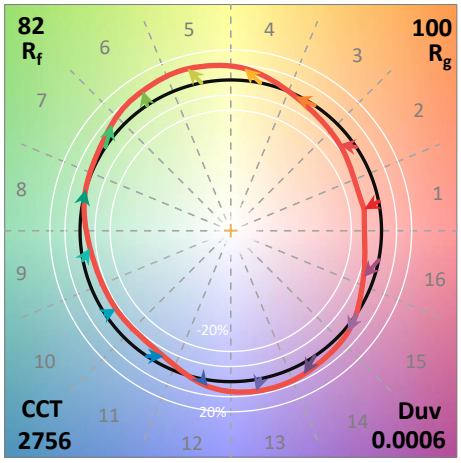
Spectral Power Distribution Comparison

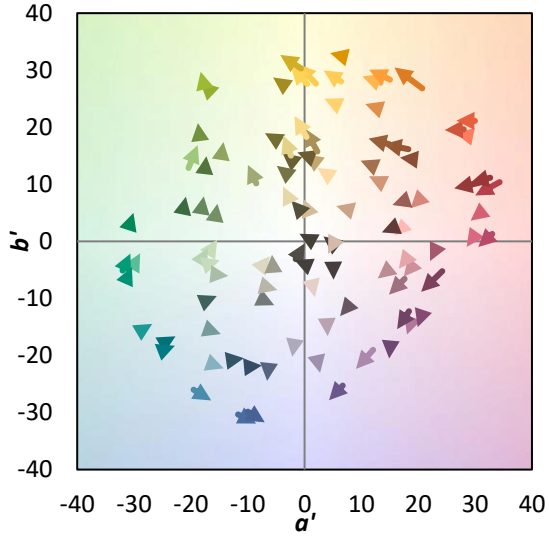


Color Vector Graphics









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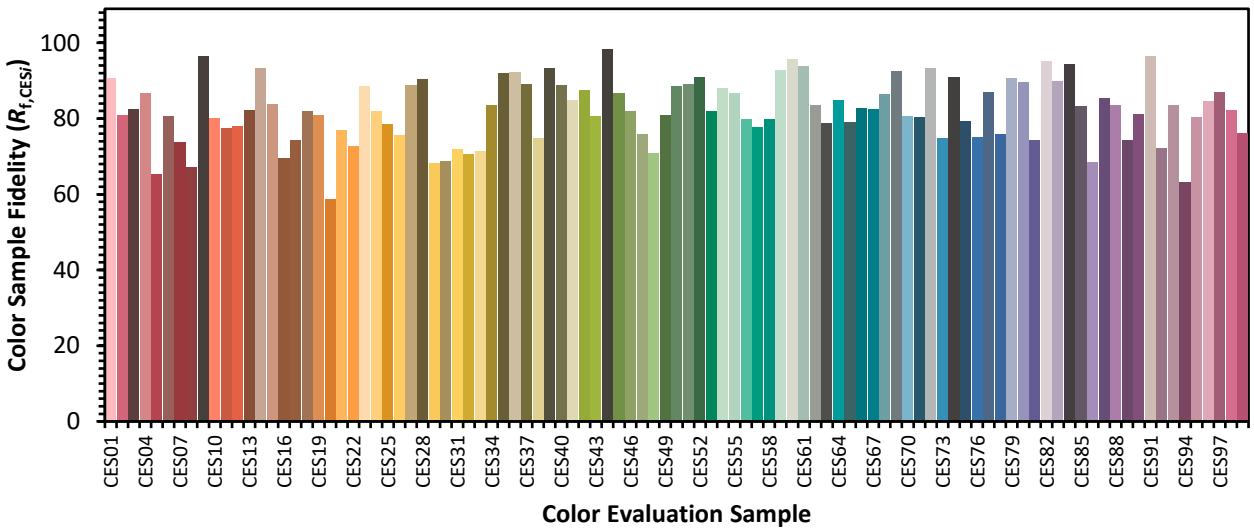
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



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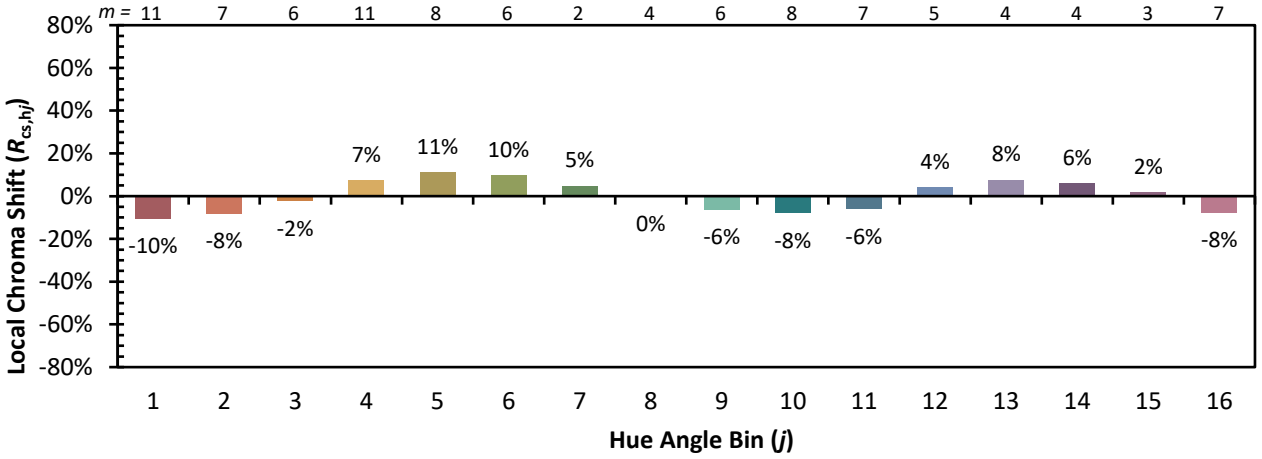
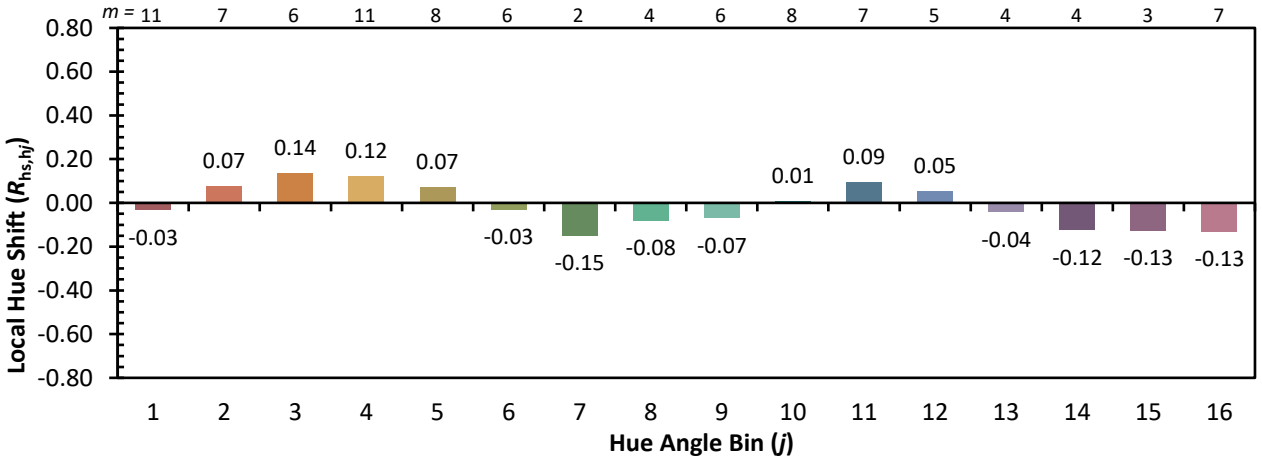
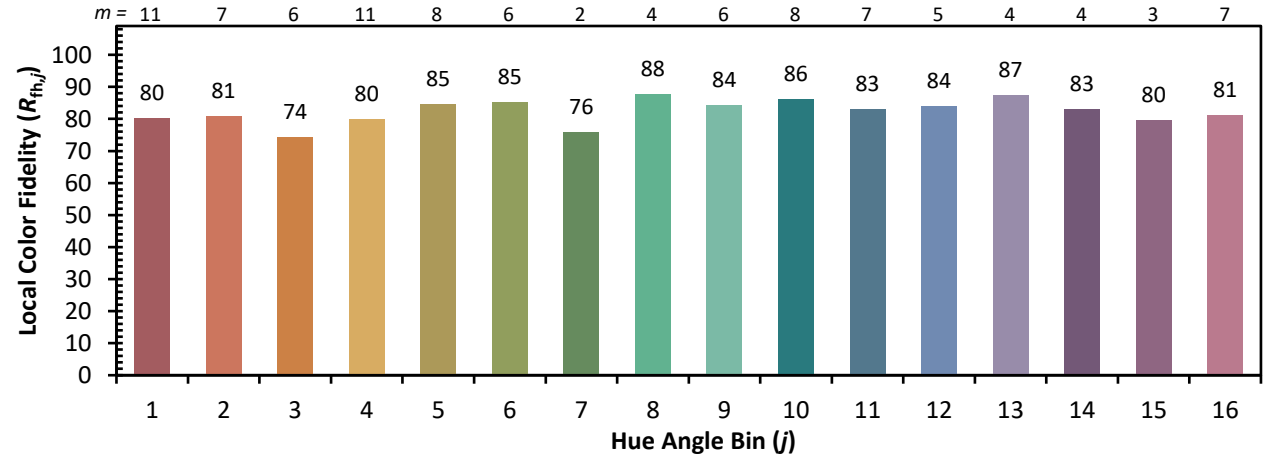
Color Rendition by Hue-Angle Bin







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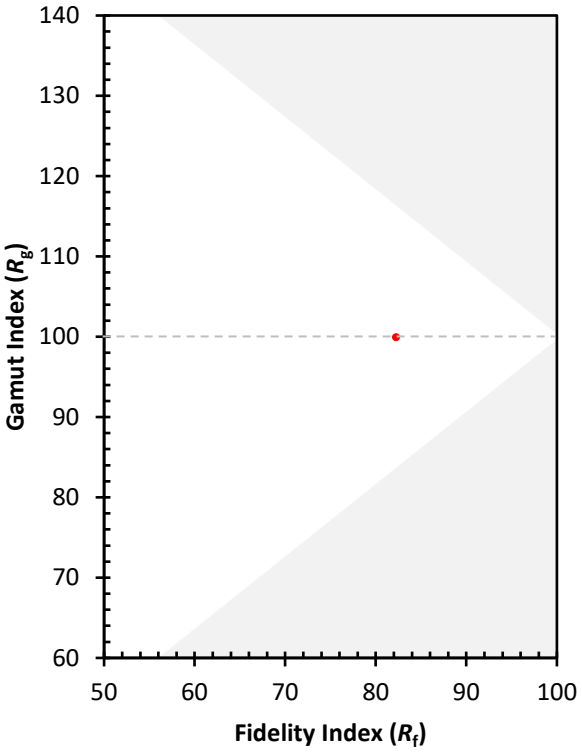
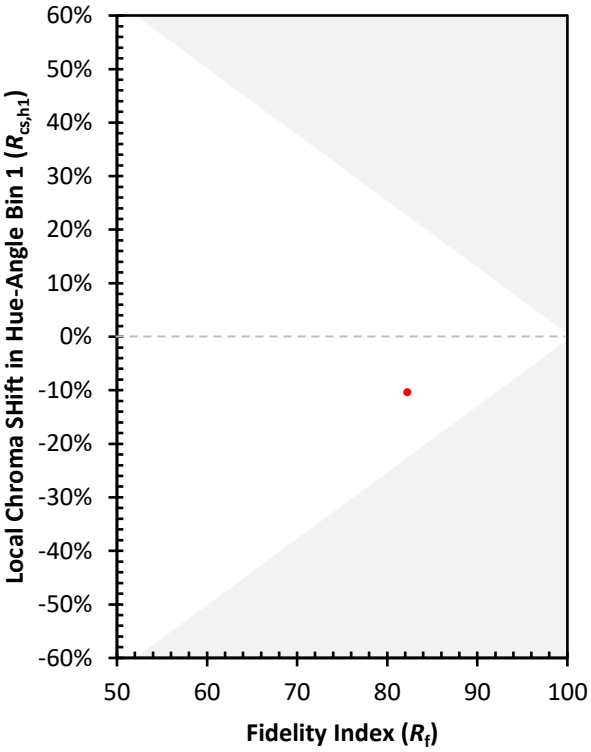
Measure Comparisons





(END OF REPORT)