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: P1458146

Luminaire Tested: GLAN-SB4D-727-U-T3LG-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:	P1458146
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/21/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4D-727-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 4xLight Square PACKAGE 70CRI 2700K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	28922 lumens
Efficiency:	N/A
Efficacy:	98.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G4

Input Watts (W):	293.6
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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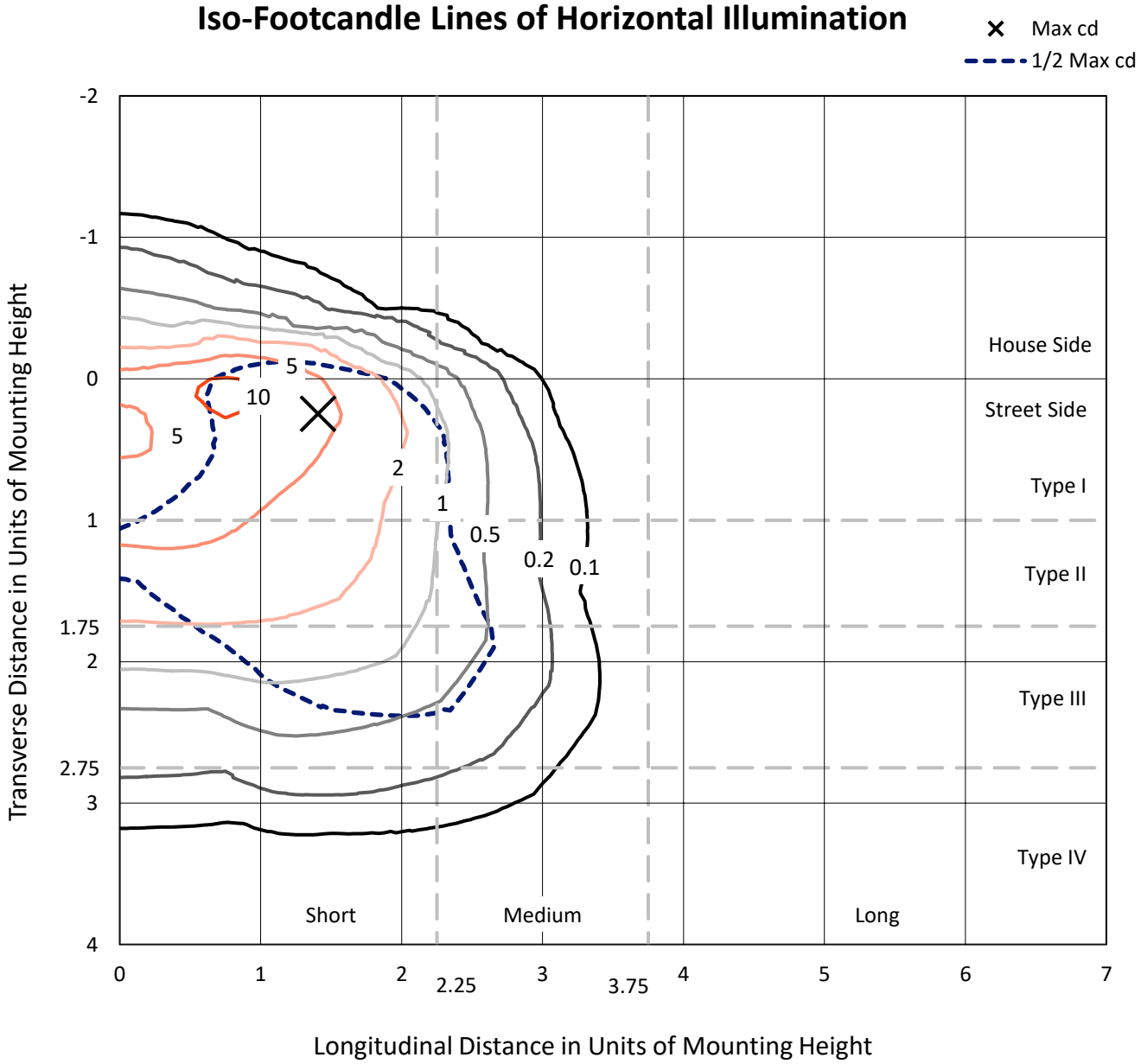
REPORT NUMBER: P1458146
CATALOG NUMBER: GLAN-SB4D-727-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 11.4 fc
Type III - Short - N/A

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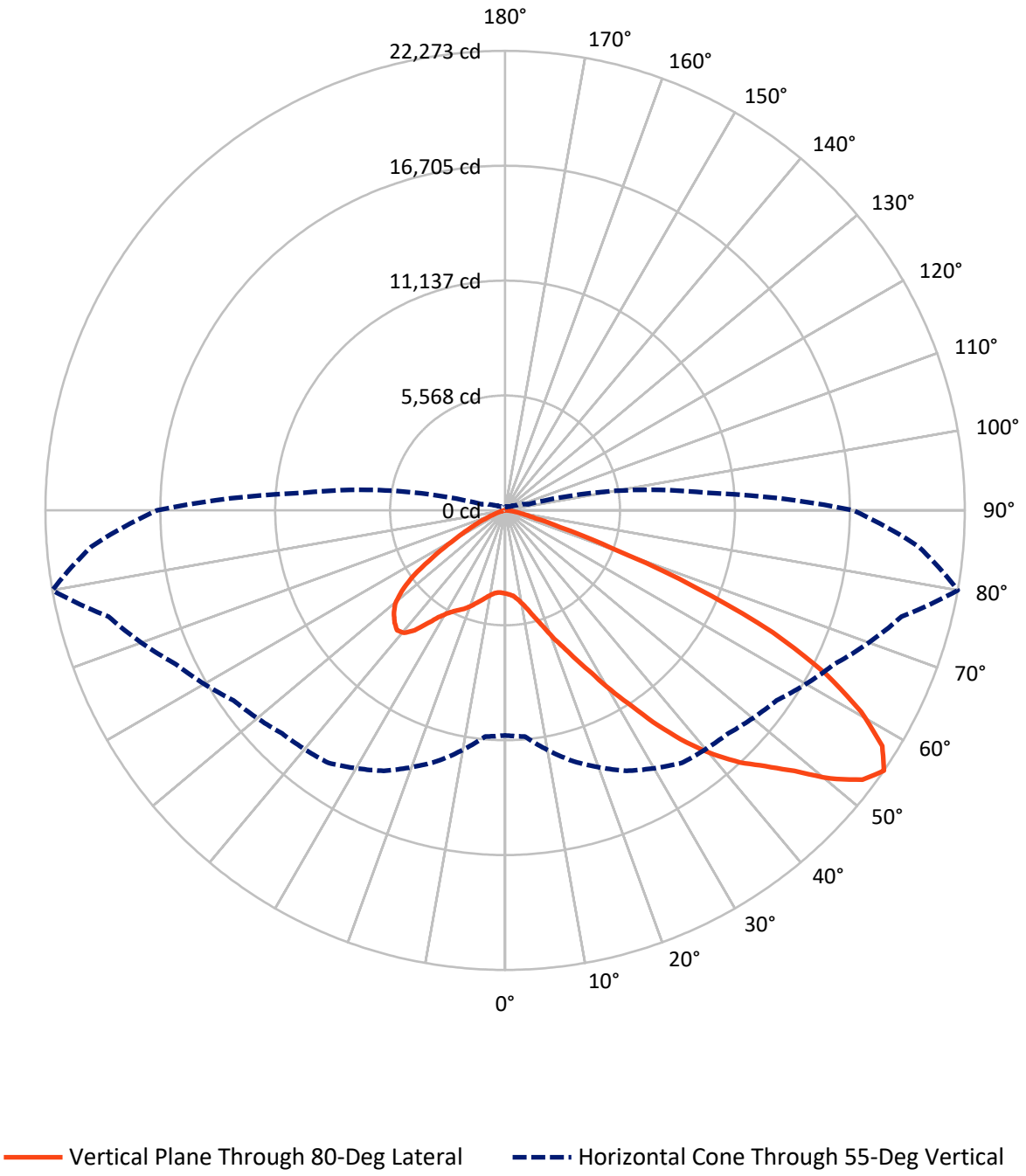
Luminous Intensity Polar Plot



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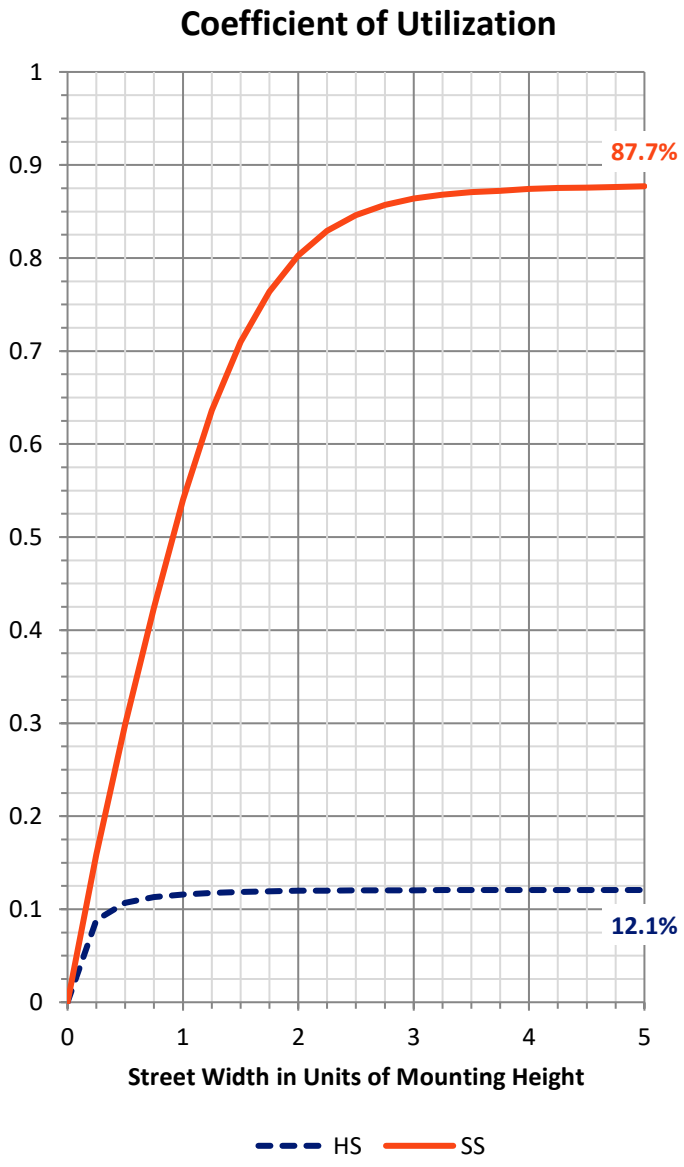
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3515.8	0.0	3515.8
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	25406.2	0.0	25406.2
	% Fixture	87.8	0.0	87.8
Total	Lumens	28922.0	0.0	28922.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	338.1	1.2
10°-20°	891.4	3.1
20°-30°	1745.0	6.0
30°-40°	3550.1	12.3
40°-50°	5984.9	20.7
50°-60°	7646.9	26.4
60°-70°	6528.7	22.6
70°-80°	2086.3	7.2
80°-90°	150.6	0.5
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°	28922.0	100.0
0°-180°	28922.0	100.0



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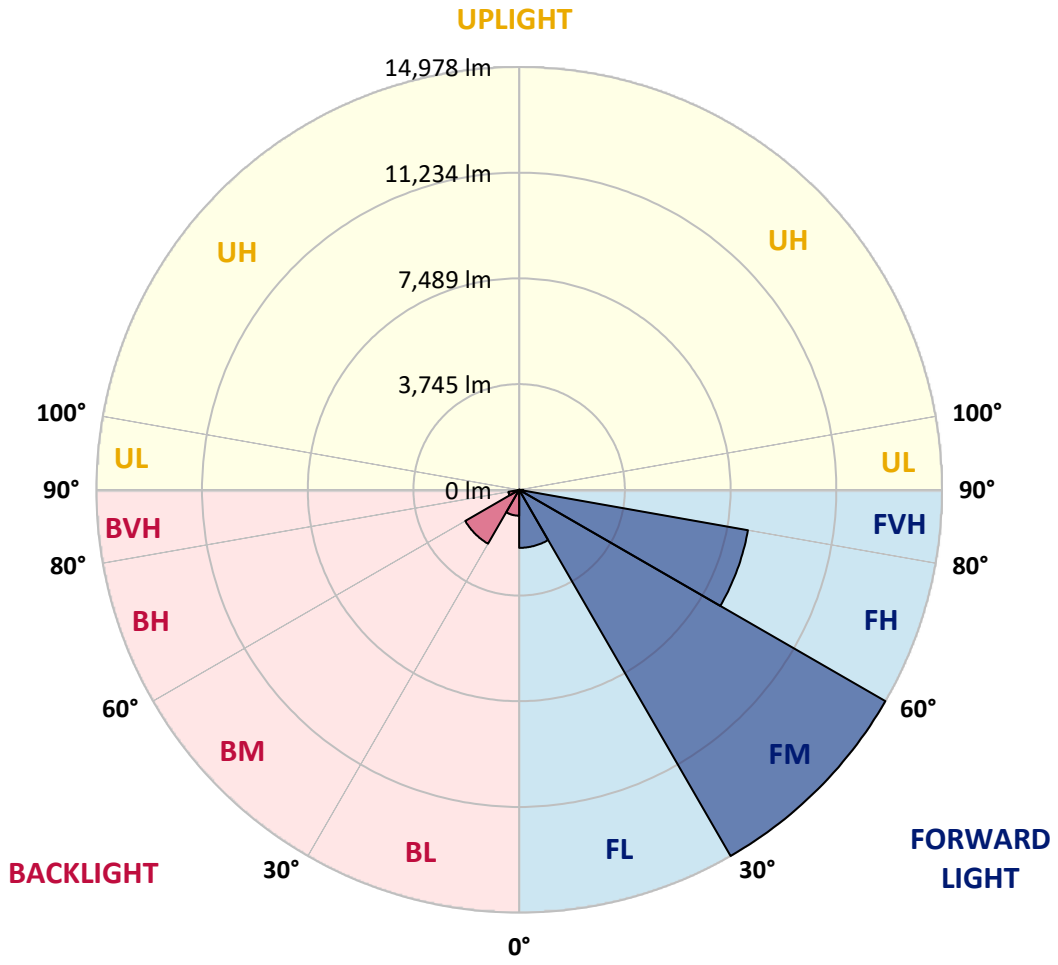
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2056.4	7.1			
FM	(30°-60°)	14978.5	51.8			
FH	(60°-80°)	8228.5	28.5			G4/12000
FVH	(80°-90°)	142.8	0.5			G2/225
BL	(0°-30°)	918.1	3.2	B2/1000		
BM	(30°-60°)	2203.4	7.6	B2/2500		
BH	(60°-80°)	386.4	1.3	B1/500		G1/500
BVH	(80°-90°)	7.8	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-G4
Type III Short



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REPORT NUMBER: P1458146
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	4028.8	4028.8	4028.8	4028.8	4028.8	4028.8	4028.8	4028.8	4028.8	*4028.8*	4028.8
2.5°	4053.4	4061.7	4053.4	4061.7	4078.1	4069.9	4102.8	4094.6	4094.6	*4086.3*	4053.4
5°	3823.2	3831.5	3847.9	3889.0	3946.6	4004.1	4078.1	4127.4	4176.8	*4168.6*	4135.7
7.5°	3371.0	3387.5	3453.2	3535.5	3724.6	3897.2	4086.3	4209.7	4316.6	*4349.4*	4324.8
10°	3116.1	3132.6	3173.7	3255.9	3428.6	3716.3	4086.3	4341.2	4530.3	*4596.1*	4604.3
12.5°	3091.5	3099.7	3132.6	3223.0	3371.0	3617.7	4078.1	4513.9	4834.5	*4933.2*	4966.1
15°	3107.9	3124.4	3157.2	3231.2	3403.9	3683.5	4143.9	4785.2	5237.4	*5377.2*	5385.4
17.5°	3173.7	3190.1	3231.2	3313.5	3502.6	3856.1	4349.4	5064.8	5722.5	*5878.7*	5969.2
20°	3305.2	3313.5	3362.8	3469.7	3683.5	4069.9	4653.7	5443.0	6306.3	*6536.5*	6602.3
22.5°	3477.9	3502.6	3568.4	3699.9	3971.2	4365.9	5073.0	5903.4	6947.6	*7186.0*	7301.1
25°	3667.0	3699.9	3798.6	4012.3	4357.7	4818.1	5591.0	6511.8	7704.0	*7991.8*	8148.0
27.5°	4053.4	4061.7	4127.4	4398.8	4842.8	5410.1	6248.7	7292.9	8592.0	*8929.1*	9101.8
30°	4900.3	4908.5	4851.0	4925.0	5377.2	6108.9	7021.6	8205.6	9628.0	*10096.6*	10236.4
32.5°	5936.3	5977.4	5969.2	5919.8	6125.4	6807.8	7942.5	9299.1	10844.8	*11338.1*	11469.7
35°	7112.0	7210.7	7186.0	7169.6	7194.3	7704.0	8994.9	10507.7	12226.1	*12826.3*	12933.2
37.5°	8263.1	8287.8	8402.9	8542.7	8559.1	8912.7	10211.7	11790.4	13508.8	*14273.4*	14437.8
40°	9151.1	9233.3	9521.1	9800.6	10088.4	10367.9	11214.8	12826.3	14528.3	*15556.0*	15630.0
42.5°	9841.7	10039.1	10458.4	10894.2	11477.9	11790.4	12168.6	13558.1	15358.7	*16698.9*	16666.0
45°	10680.4	10762.6	11354.6	11930.1	12522.1	12999.0	12990.8	14174.7	16008.2	*17677.3*	17471.8
47.5°	11247.7	11346.4	12152.1	12826.3	13434.8	13673.2	13722.5	14840.7	16904.4	*18861.3*	18376.2
50°	11551.9	11724.6	12604.3	13459.4	14117.2	14191.2	14413.2	15712.3	18080.2	*20431.7*	19519.0
52.5°	11584.8	11749.2	12760.6	13862.3	14577.6	14725.6	15103.8	16698.9	19223.0	*21689.6*	20176.8
55°	*10902.4*	*11001.0*	*12571.4*	*13928.1*	*14939.4*	*15284.7*	*16057.6*	*17611.5*	*19889.0*	*22273.4*	*20119.2*
57.5°	10261.1	10359.7	11724.6	13813.0	15309.4	16016.5	17077.1	18236.4	19371.0	*21549.9*	18836.6
60°	9710.2	9759.5	11001.0	13278.5	15449.1	16731.8	17956.9	17619.8	18030.9	*19815.0*	16641.3
62.5°	8674.2	8707.1	10178.8	12316.6	15169.6	17282.7	18261.1	16312.5	16559.1	*17422.4*	14059.6
65°	6552.9	6676.3	8024.7	11593.0	14709.2	17537.5	17554.0	14717.4	14462.5	*14257.0*	11058.6
67.5°	4448.1	4587.9	5401.9	10425.5	13961.0	17644.4	16180.9	12653.7	11017.5	*9956.8*	7243.6
70°	3551.9	3551.9	3831.5	8378.2	12185.0	16279.6	14479.0	9554.0	6996.9	*5500.5*	3880.8
72.5°	2335.0	2343.3	2606.4	5319.6	8641.3	12415.2	11806.8	5525.2	3634.1	*2803.7*	1915.7
75°	846.9	846.9	1142.9	2129.5	4571.4	7391.6	7194.3	2639.3	1973.3	*1529.3*	1159.3
77.5°	452.2	468.7	550.9	879.8	1751.3	3009.3	2811.9	1348.4	1118.2	*953.8*	723.5
80°	304.2	312.4	370.0	542.7	846.9	1159.3	904.4	756.4	756.4	*641.3*	485.1
82.5°	164.4	172.7	246.7	353.5	452.2	542.7	435.8	444.0	534.4	*435.8*	279.5
85°	115.1	115.1	189.1	254.9	254.9	263.1	189.1	279.5	312.4	*271.3*	189.1
87.5°	65.8	65.8	106.9	123.3	123.3	115.1	57.6	98.7	123.3	*139.8*	82.2
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: P1458146
CATALOG NUMBER: GLAN-SB4D-727-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4028.8	4028.8	4028.8	4028.8	4028.8	4028.8	4028.8	4028.8	4028.8	4028.8	4028.8
2.5°	4045.2	4020.6	3971.2	3872.6	3823.2	3757.5	3699.9	3625.9	3609.5	3601.2	3568.4
5°	4111.0	4061.7	3913.7	3699.9	3519.0	3346.4	3173.7	3075.0	2992.8	2951.7	2943.5
7.5°	4275.4	4176.8	3905.5	3527.2	3190.1	2894.1	2639.3	2417.3	2302.2	2203.5	2211.7
10°	4522.1	4365.9	3921.9	3362.8	2861.3	2384.4	2014.4	1693.7	1463.5	1356.6	1348.4
12.5°	4851.0	4629.0	3979.5	3198.4	2458.4	1792.4	1323.7	1134.6	1085.3	1077.1	1068.9
15°	5253.9	4941.4	4037.0	2984.6	1915.7	1241.5	1077.1	1036.0	1027.8	1019.5	1019.5
17.5°	5739.0	5303.2	4069.9	2622.8	1397.7	1068.9	1011.3	986.6	978.4	970.2	970.2
20°	6347.4	5706.1	4111.0	2162.4	1184.0	1027.8	962.0	929.1	920.9	920.9	912.6
22.5°	6947.6	6158.3	4078.1	1759.5	1142.9	978.4	904.4	871.5	855.1	855.1	846.9
25°	7638.2	6618.7	3979.5	1586.8	1134.6	937.3	846.9	797.5	772.9	764.6	764.6
27.5°	8427.6	7144.9	3823.2	1595.1	1134.6	904.4	772.9	707.1	690.6	674.2	674.2
30°	9332.0	7786.2	3708.1	1702.0	1151.1	871.5	707.1	624.9	600.2	583.8	592.0
32.5°	10367.9	8501.6	3699.9	1874.6	1175.7	822.2	633.1	542.7	518.0	509.8	518.0
35°	11543.7	9389.5	3889.0	2006.2	1110.0	715.3	542.7	468.7	444.0	444.0	452.2
37.5°	12851.0	10409.1	4143.9	1973.3	896.2	567.3	468.7	411.1	386.4	394.7	402.9
40°	14043.2	11206.6	4185.0	1685.5	674.2	485.1	402.9	361.8	345.3	353.5	361.8
42.5°	14947.6	11847.9	3790.3	1307.3	567.3	411.1	345.3	312.4	304.2	320.7	320.7
45°	15679.4	12102.8	3165.5	970.2	501.5	353.5	304.2	287.8	271.3	279.5	279.5
47.5°	16444.0	12143.9	2581.7	781.1	444.0	320.7	279.5	263.1	246.7	246.7	246.7
50°	17184.0	12045.2	1973.3	690.6	411.1	287.8	254.9	238.4	222.0	213.8	213.8
52.5°	17364.9	11255.9	1447.1	641.3	378.2	271.3	238.4	222.0	205.6	197.3	197.3
55°	*16863.3*	*9759.5*	*1134.6*	*575.5*	*345.3*	*246.7*	*222.0*	*205.6*	*180.9*	*172.7*	*172.7*
57.5°	15210.7	7440.9	904.4	493.3	312.4	238.4	205.6	189.1	164.4	156.2	156.2
60°	13064.8	5278.5	731.8	402.9	287.8	213.8	189.1	164.4	148.0	131.6	131.6
62.5°	10688.6	3790.3	592.0	337.1	271.3	189.1	172.7	148.0	115.1	90.4	90.4
65°	8197.3	2721.5	460.4	271.3	246.7	164.4	148.0	123.3	90.4	65.8	65.8
67.5°	5303.2	1759.5	345.3	238.4	189.1	139.8	115.1	98.7	82.2	57.6	49.3
70°	2795.5	1027.8	254.9	205.6	139.8	106.9	98.7	82.2	65.8	41.1	41.1
72.5°	1447.1	674.2	189.1	180.9	106.9	74.0	82.2	65.8	49.3	24.7	24.7
75°	929.1	452.2	139.8	148.0	65.8	57.6	57.6	41.1	24.7	16.4	8.2
77.5°	600.2	304.2	98.7	123.3	41.1	32.9	32.9	16.4	8.2	0.0	0.0
80°	353.5	189.1	65.8	82.2	16.4	16.4	8.2	0.0	0.0	0.0	0.0
82.5°	180.9	98.7	32.9	32.9	8.2	0.0	0.0	0.0	0.0	0.0	0.0
85°	115.1	49.3	8.2	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	57.6	16.4	8.2	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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

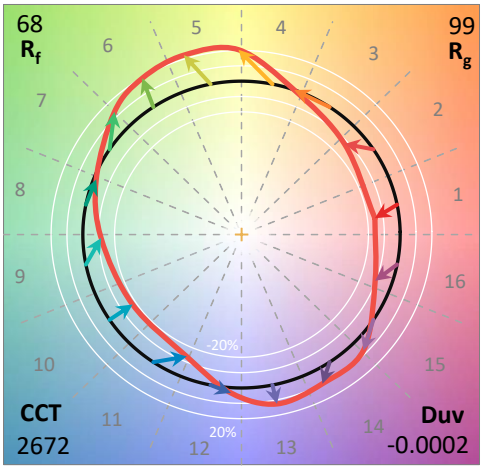
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-3
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-727-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672
CIE u':	0.2638
CIE v':	0.5276
Duv:	-0.0002
CIE x:	0.4619
CIE y:	0.4106
CIE z:	0.1275
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	584
Purity:	61.88407
Rf:	67.9
Rg:	98.6

CRI (Ra):	71.1
R1:	68.3
R2:	79.8
R3:	91.2
R4:	69.4
R5:	66.5
R6:	72.6
R7:	77.0
R8:	44.1
R9:	-27.8
R10:	54.4
R11:	65.8
R12:	45.6
R13:	69.8
R14:	94.5
R15:	60.1



Test Conditions

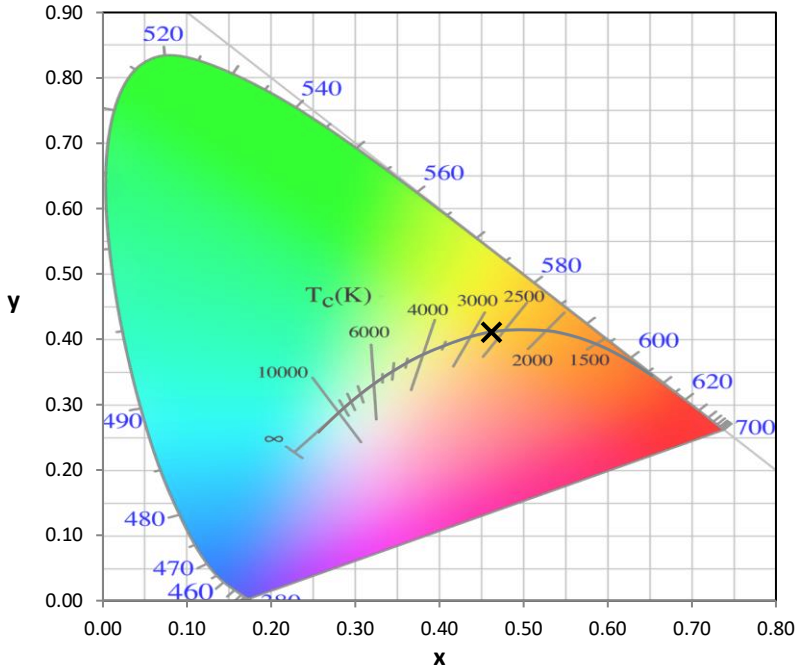
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

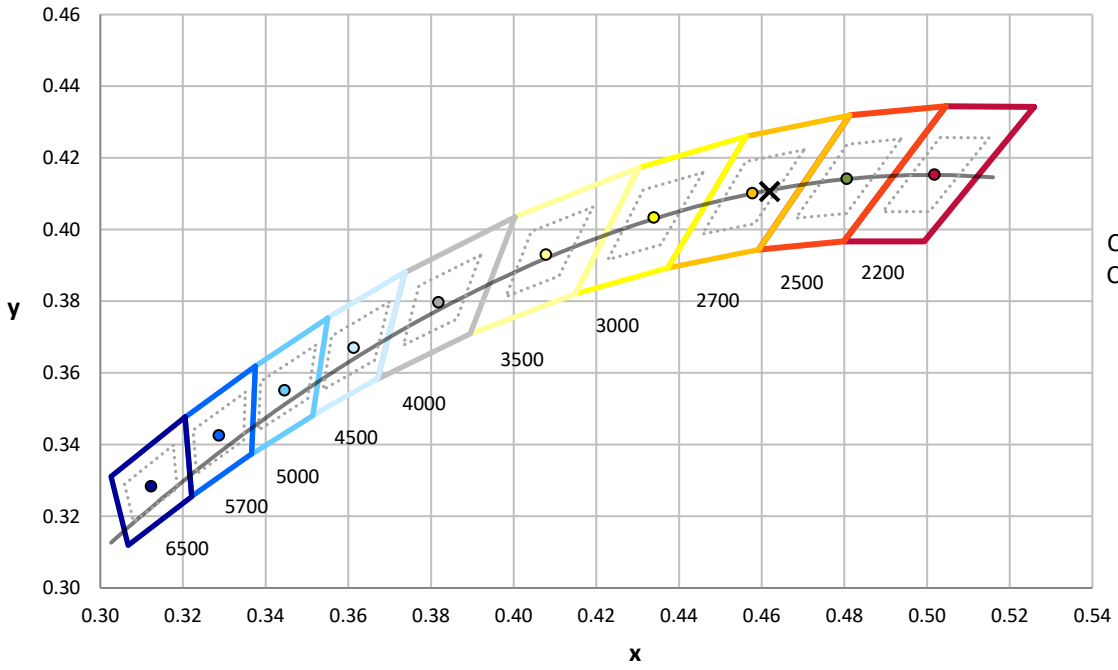
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-3

CIE 1931 Chromaticity Diagram



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

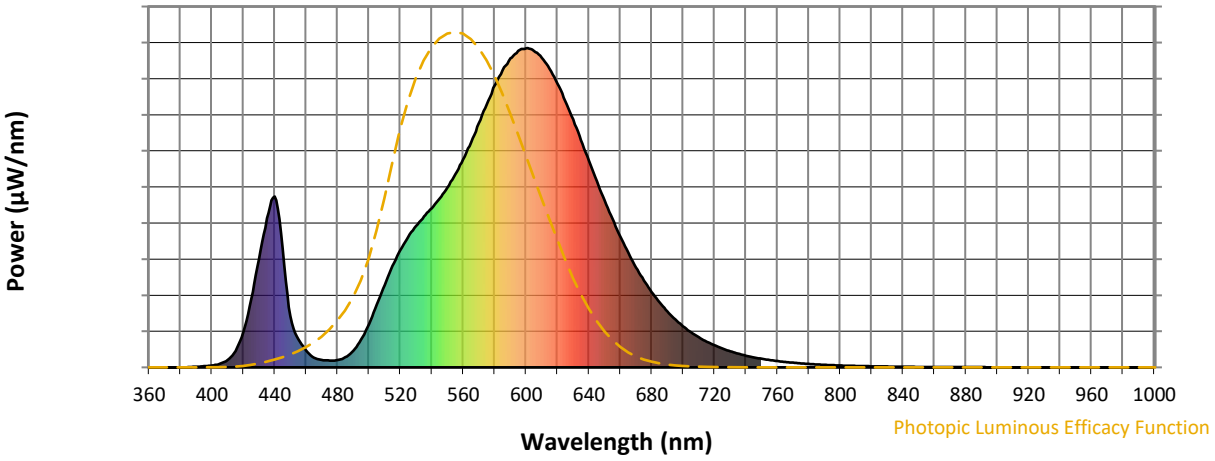


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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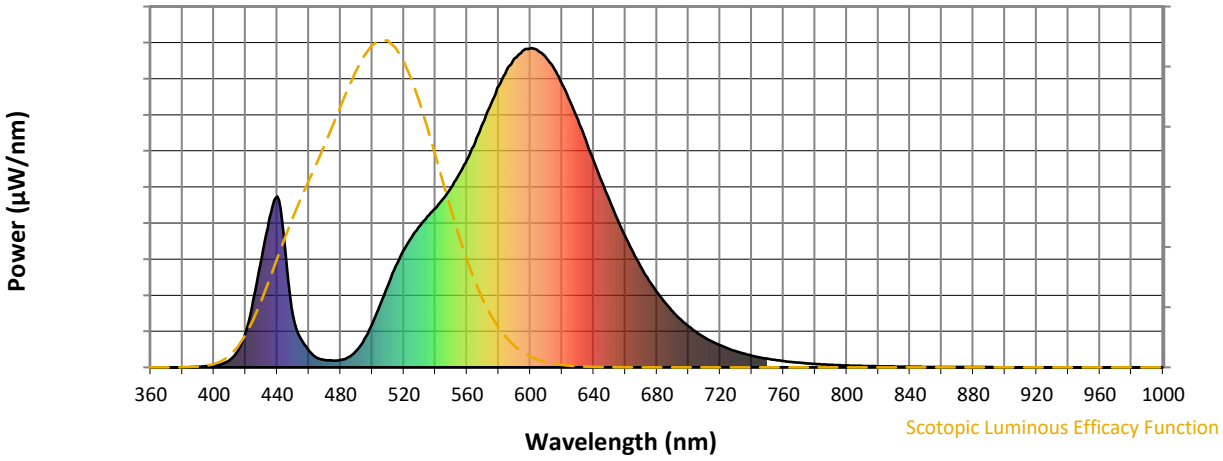
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.02**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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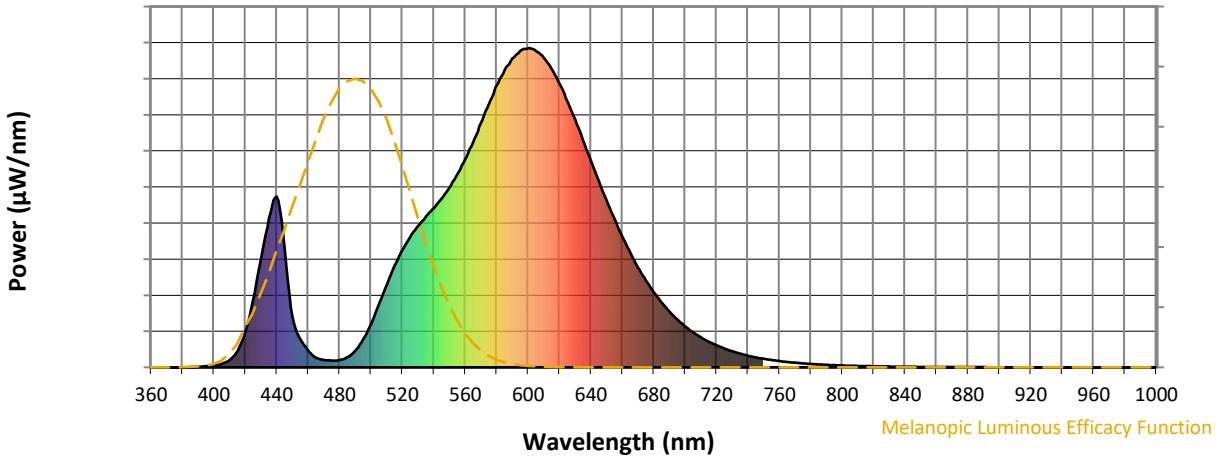
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.71**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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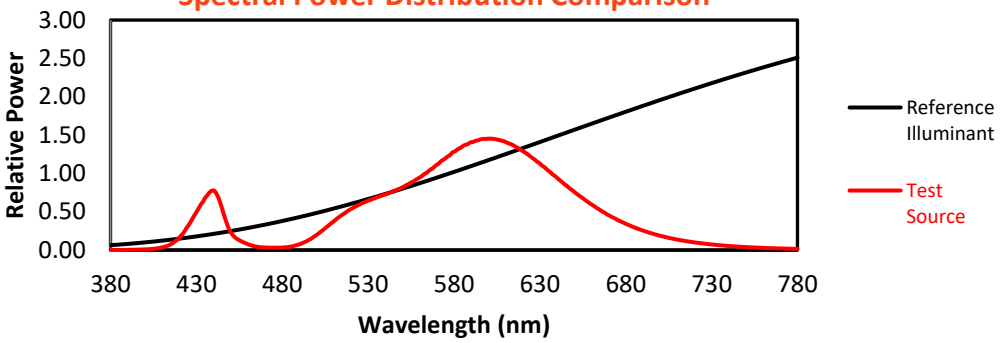
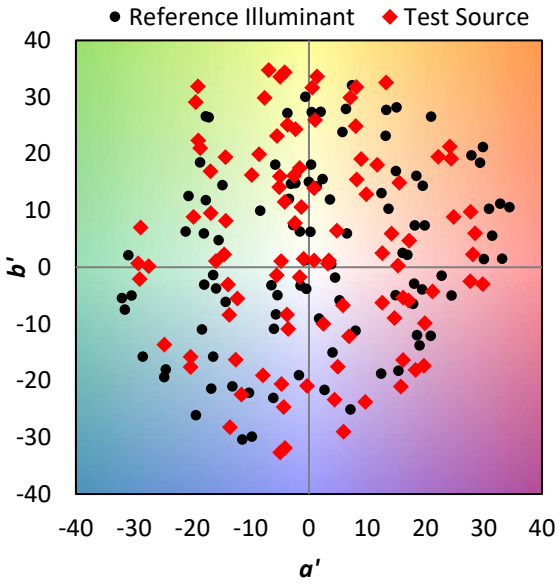
Summary

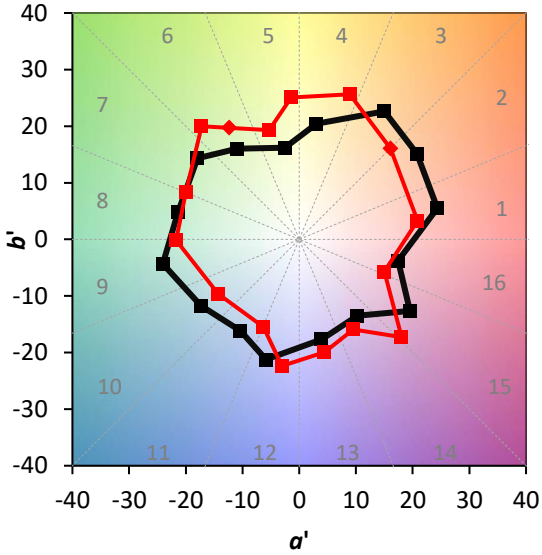
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

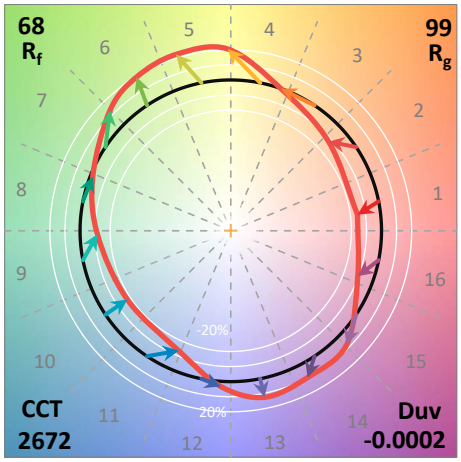
Spectral Power Distribution Comparison

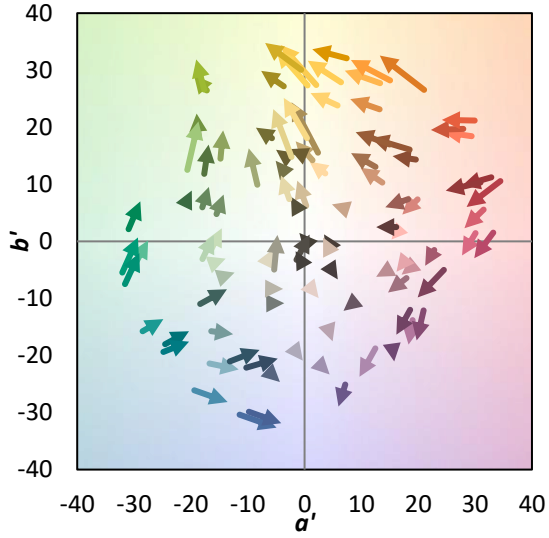


Color Vector Graphics









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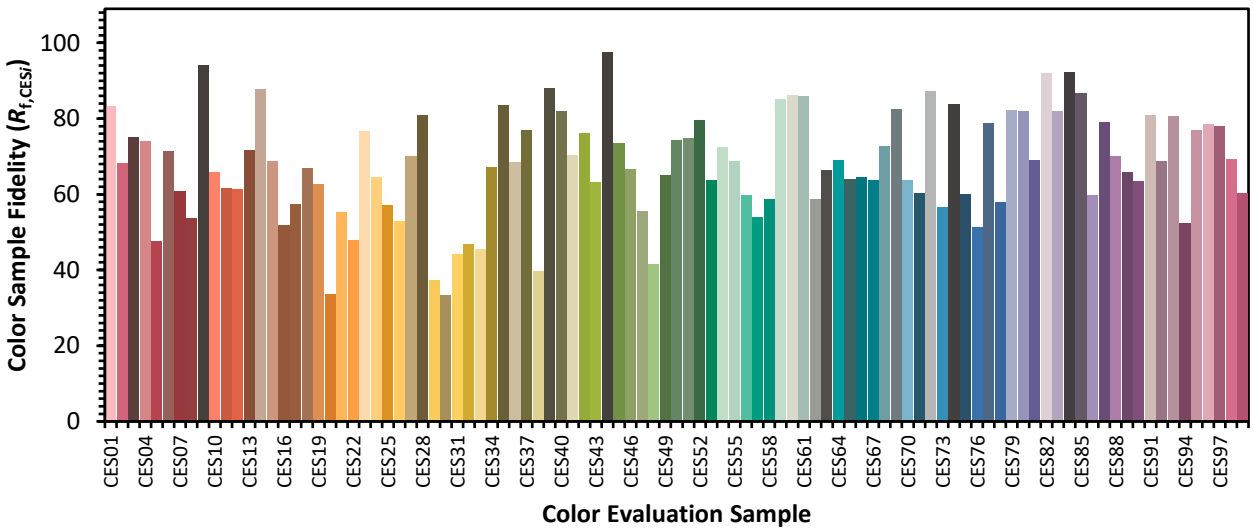
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	



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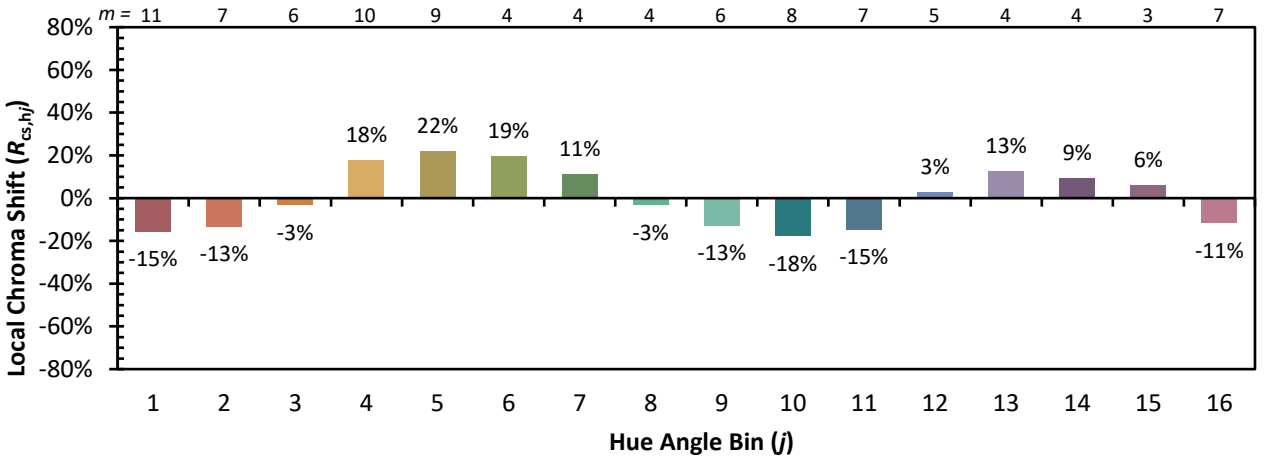
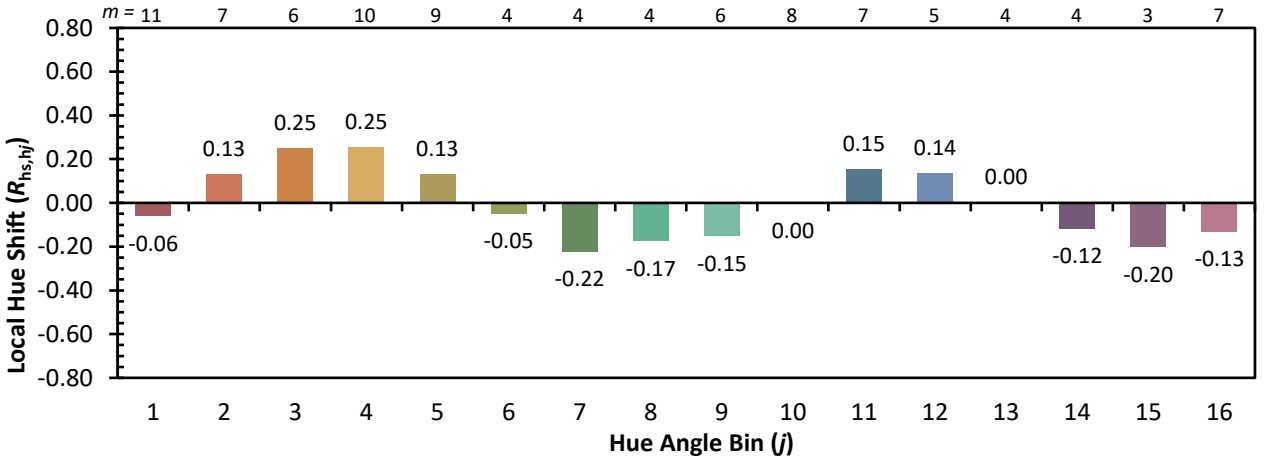
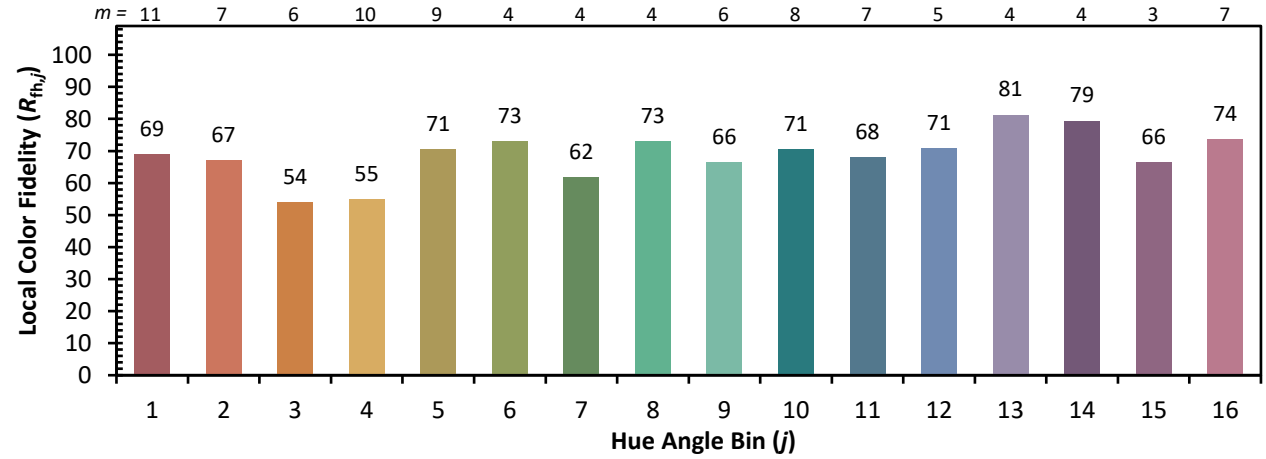
Color Rendition by Hue-Angle Bin







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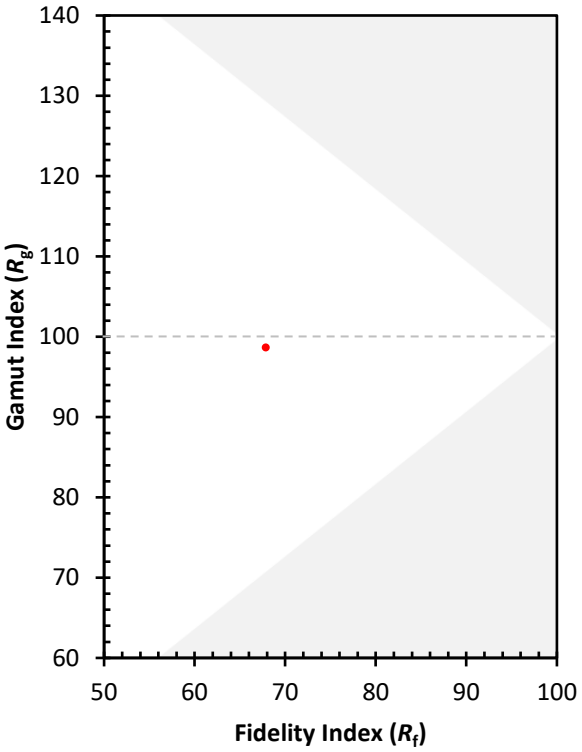
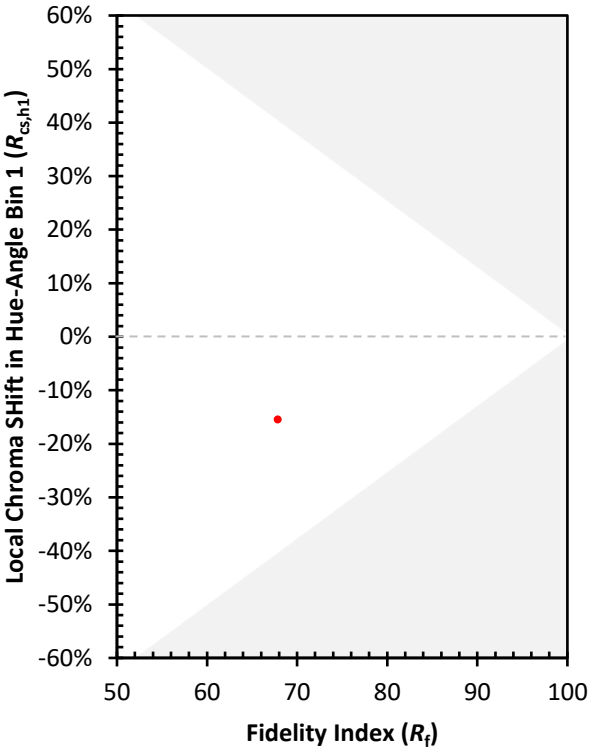
Measure Comparisons





(END OF REPORT)