

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: STREETWORKS

Report Number: P1458761

Luminaire Tested: GLAN-SB5C-730-U-T4LG-HSS

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1458761  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/21/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB5C-730-U-T4LG-HSS  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 5xLight Square  
PACKAGE 70CRI 3000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD  
Light Source: (130) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

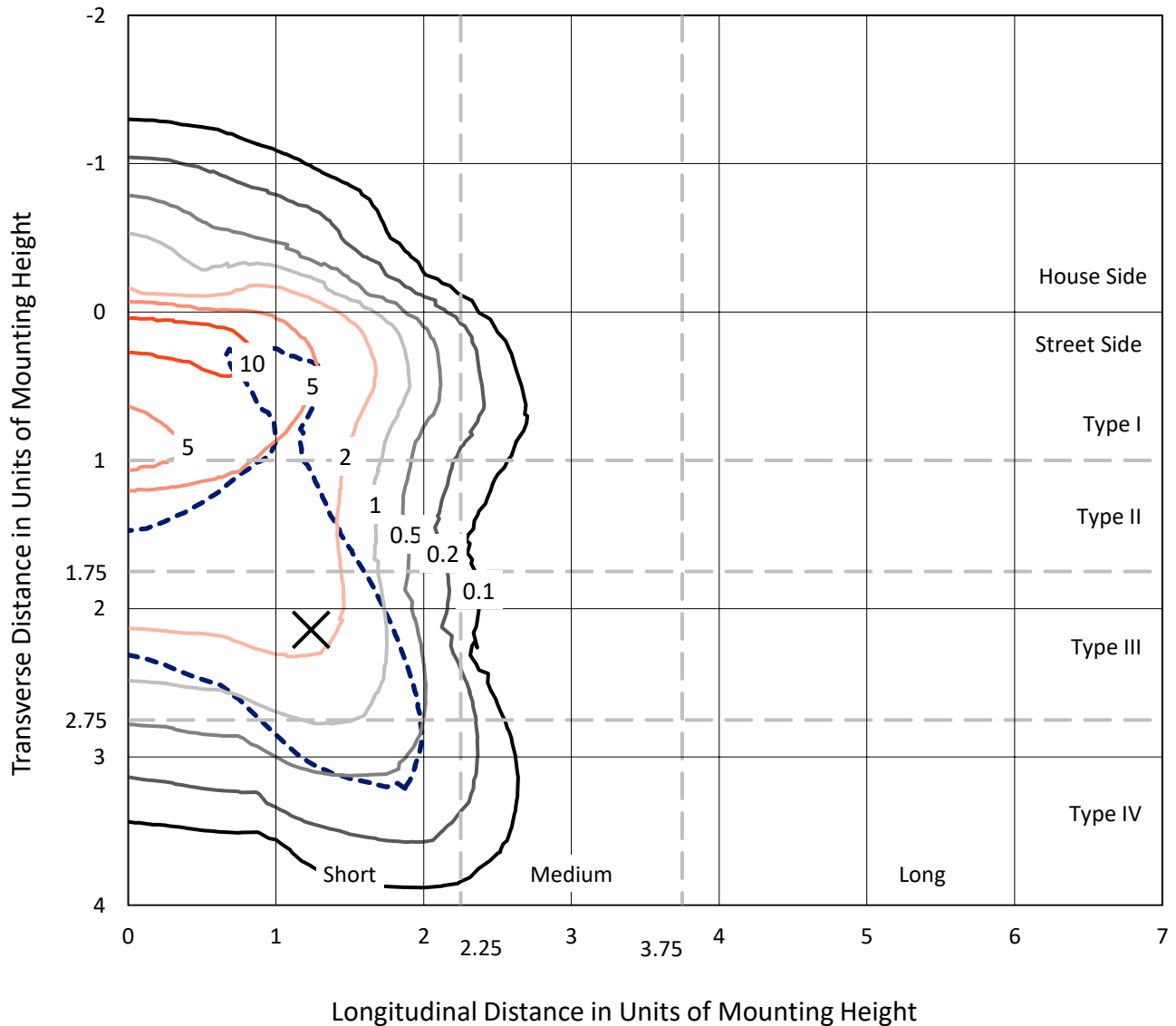
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 27426 lumens  
Efficiency: N/A  
Efficacy: 109.9 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G4  
  
Input Watts (W): 249.5  
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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### Iso-Footcandle Lines of Horizontal Illumination

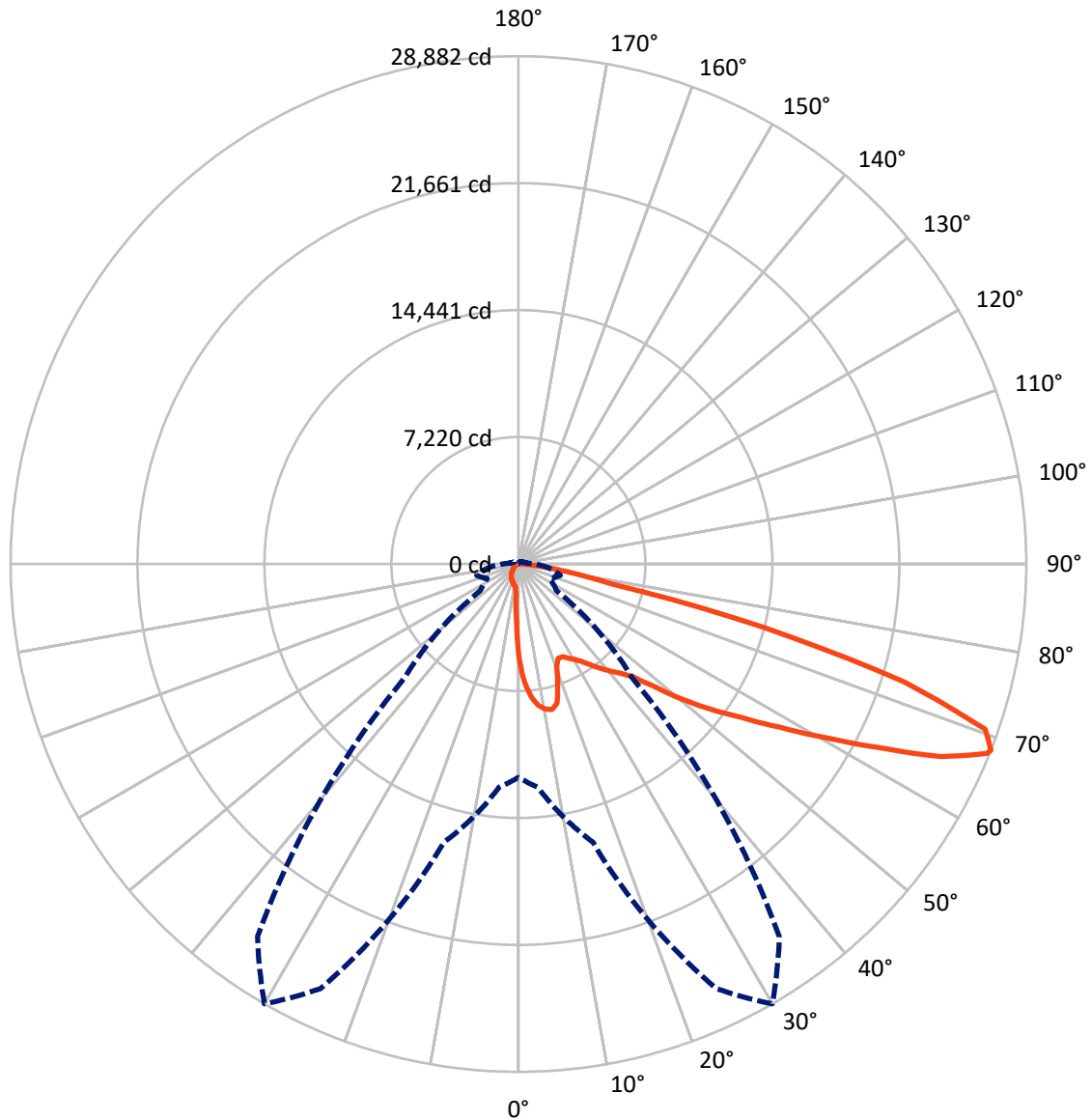
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 13.2 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 30-Deg Lateral    - - - Horizontal Cone Through 68-Deg Vertical

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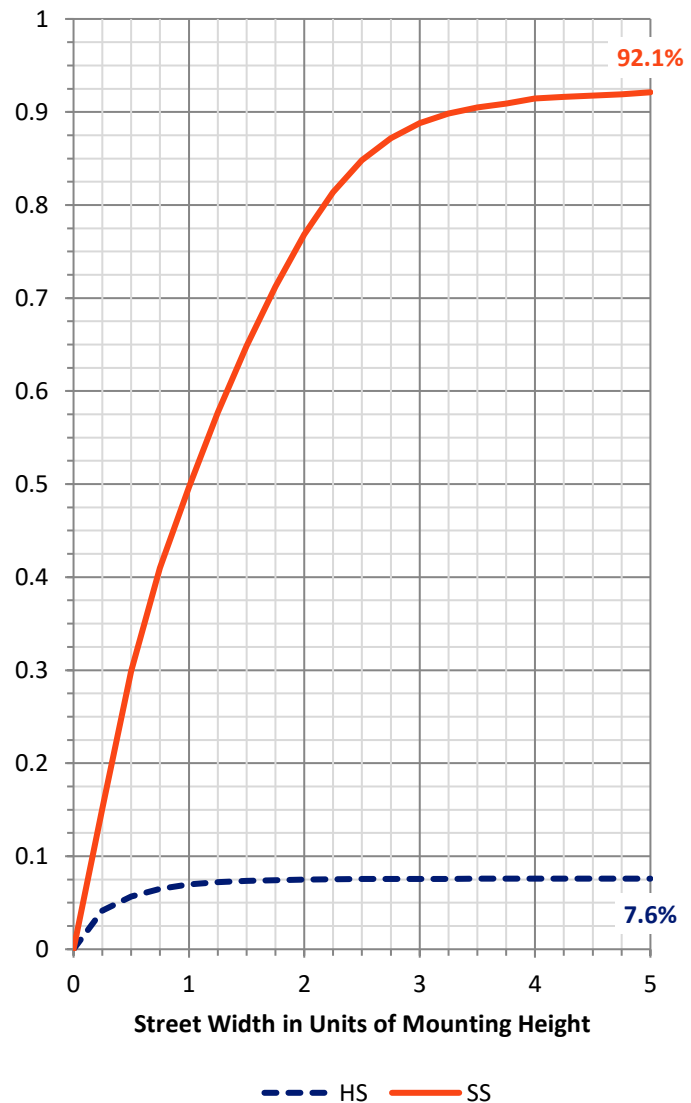
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2093.3	0.0	2093.3
	% Fixture	7.6	0.0	7.6
<b>Street Side</b>	Lumens	25332.7	0.0	25332.7
	% Fixture	92.4	0.0	92.4
<b>Total</b>	Lumens	27426.0	0.0	27426.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	466.6	1.7
10°-20°	1332.3	4.9
20°-30°	2093.6	7.6
30°-40°	3283.7	12.0
40°-50°	4908.1	17.9
50°-60°	6529.4	23.8
60°-70°	6311.9	23.0
70°-80°	2268.9	8.3
80°-90°	231.5	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°	27426.0	100.0
0°-180°	27426.0	100.0



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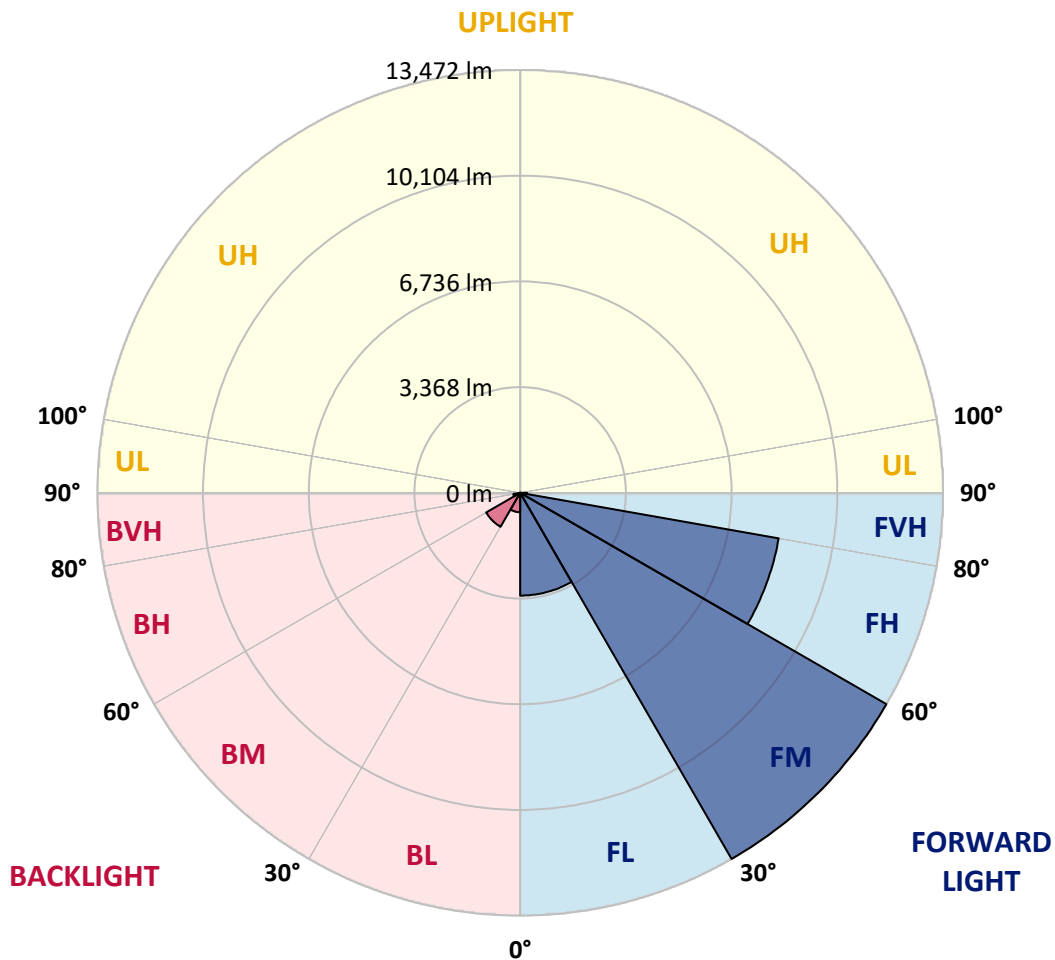
CATALOG NUMBER: GLAN-SB5C-730-U-T4LG-HSS

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3274.7	11.9			
FM	(30°-60°)	13471.7	49.1			
FH	(60°-80°)	8363.1	30.5			G4/12000
FVH	(80°-90°)	223.3	0.8			G2/225
BL	(0°-30°)	617.9	2.3	B2/1000		
BM	(30°-60°)	1249.5	4.6	B2/2500		
BH	(60°-80°)	217.7	0.8	B1/500		G1/500
BVH	(80°-90°)	8.2	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-G4**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	5408.1	5408.1	5408.1	5408.1	5408.1	5408.1	5408.1	5408.1	5408.1	5408.1	5408.1
2.5°	6912.2	6912.2	6862.8	6797.1	6723.1	6698.5	6558.7	6361.5	6156.0	5917.7	5572.5
5°	7799.8	7791.6	7693.0	7693.0	7594.3	7503.9	7364.2	7076.5	6747.8	6320.4	5720.4
7.5°	8194.3	8210.8	8169.7	8169.7	8112.1	8046.4	7964.2	7684.7	7298.4	6723.1	5868.3
10°	8334.0	8342.3	8342.3	8399.8	8383.4	8375.1	8366.9	8210.8	7808.0	7134.1	6024.5
12.5°	7997.1	8038.2	8153.2	8408.0	8490.2	8580.6	8703.9	8654.6	8375.1	7651.9	6262.9
15°	6912.2	6920.4	7240.9	7873.8	8210.8	8556.0	9032.7	9131.3	8950.5	8210.8	6509.4
17.5°	5704.0	5728.6	5983.4	6690.2	7232.7	8029.9	9221.7	9624.4	9558.7	8761.4	6739.6
20°	5202.6	5235.5	5358.8	5802.6	6213.5	6953.3	9032.7	10092.9	10117.6	9312.1	6953.3
22.5°	5087.5	5112.2	5210.8	5556.0	5810.8	6304.0	8391.6	10462.8	10750.4	9945.0	7208.0
25°	5054.7	5079.3	5227.3	5605.3	5843.7	6254.6	7808.0	10660.0	11498.3	10602.5	7454.6
27.5°	5030.0	5062.9	5301.2	5786.2	6065.6	6460.1	7701.2	10701.1	12213.4	11301.1	7857.3
30°	5062.9	5112.2	5424.5	5975.2	6295.7	6739.6	7956.0	10742.2	13002.4	12098.3	8366.9
32.5°	5194.4	5235.5	5613.6	6230.0	6599.8	7101.2	8391.6	10988.8	13750.3	12912.0	8851.8
35°	5342.3	5399.9	5851.9	6591.6	7035.4	7602.6	8983.3	11473.7	14465.4	13684.6	9353.2
37.5°	5523.2	5588.9	6131.4	7002.6	7512.1	8153.2	9624.4	12147.6	15098.3	14317.5	9854.5
40°	5769.7	5843.7	6451.9	7438.2	7988.8	8629.9	10257.3	12813.4	15583.2	14695.5	10183.3
42.5°	6739.6	6838.2	7093.0	7865.6	8482.0	9139.5	10881.9	13446.2	15764.0	14818.8	10249.1
45°	8547.7	8646.4	8580.6	8728.6	9139.5	9755.9	11564.1	14054.4	15788.6	14785.9	10216.2
47.5°	10364.1	10479.2	10421.7	10339.5	10429.9	10725.8	12328.5	14440.7	15657.1	14769.5	10216.2
50°	12098.3	12032.6	12040.8	12016.1	12098.3	12254.5	13068.2	14514.7	15624.3	14925.7	10306.6
52.5°	13027.1	13059.9	13265.4	13569.5	13750.3	13906.5	13914.7	14629.8	15385.9	14662.6	10199.7
55°	13939.4	14005.1	14481.8	14999.6	15402.4	15698.2	14761.3	14555.8	13964.0	13783.2	9640.9
57.5°	14966.8	15057.2	15731.1	16799.6	17506.4	17662.6	15599.6	13175.0	11818.9	12525.7	8556.0
60°	16380.4	16487.3	17383.1	18985.8	20037.9	19717.3	15665.4	10980.5	9386.1	10397.0	7060.1
62.5°	17490.0	17703.7	19322.8	21821.4	22980.3	21961.1	14440.7	8416.2	6558.7	7306.7	5153.3
65°	16306.4	16717.4	19355.7	25067.9	26407.6	24599.4	12517.5	5745.1	3698.5	4725.9	3295.8
67.5°	13183.2	13758.6	17185.9	26645.9	28758.2	25988.4	9854.5	3049.2	2120.5	2745.1	1734.2
68°	12131.2	12755.8	16388.6	26645.9	28881.5	25865.1	9147.7	2638.3	1956.1	2465.7	1504.1
70°	8383.4	8827.2	12599.7	25150.1	28158.2	23580.2	6024.5	1512.3	1471.2	1693.1	994.5
72.5°	4109.5	4586.2	6739.6	19931.0	22939.2	18122.8	2745.1	1002.7	1117.8	1241.1	780.8
75°	1635.6	1734.2	2654.7	9829.9	14333.9	11564.1	1438.3	756.1	961.6	969.8	616.4
77.5°	937.0	994.5	1471.2	3616.3	5375.2	5169.7	928.7	542.5	764.4	698.6	402.7
80°	526.0	534.2	830.1	1906.8	3073.9	2753.4	632.9	394.5	583.5	493.1	271.2
82.5°	263.0	295.9	526.0	1052.0	1709.5	1750.6	337.0	279.4	468.5	353.4	221.9
85°	189.0	205.5	378.1	583.5	789.0	1183.5	205.5	139.7	353.4	238.4	156.2
87.5°	98.6	123.3	238.4	287.7	320.5	402.7	98.6	65.8	197.3	139.7	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



REPORT NUMBER: P1458761

CATALOG NUMBER: GLAN-SB5C-730-U-T4LG-HSS

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5408.1	5408.1	5408.1	5408.1	5408.1	5408.1	5408.1	5408.1	5408.1	5408.1	5408.1
2.5°	5408.1	5219.0	4832.8	4380.7	4027.3	3665.7	3369.8	3090.3	2958.8	2942.4	2975.3
5°	5383.4	4972.5	4093.0	3230.1	2523.2	2030.1	1758.9	1619.1	1545.2	1512.3	1520.5
7.5°	5334.1	4709.5	3304.0	2186.2	1635.6	1421.9	1356.1	1331.5	1323.3	1323.3	1323.3
10°	5284.8	4356.1	2531.4	1602.7	1339.7	1282.2	1265.7	1265.7	1257.5	1257.5	1265.7
12.5°	5260.1	4027.3	1964.3	1339.7	1249.3	1224.6	1208.2	1200.0	1200.0	1200.0	1208.2
15°	5202.6	3665.7	1586.3	1241.1	1191.8	1158.9	1150.7	1142.4	1142.4	1142.4	1142.4
17.5°	5153.3	3312.2	1380.8	1175.3	1134.2	1101.3	1093.1	1084.9	1084.9	1093.1	1093.1
20°	5079.3	2975.3	1241.1	1109.6	1076.7	1043.8	1035.6	1027.4	1035.6	1035.6	1035.6
22.5°	4988.9	2695.8	1158.9	1060.2	1019.2	986.3	986.3	986.3	986.3	986.3	994.5
25°	4931.4	2498.6	1101.3	1002.7	961.6	937.0	928.7	928.7	945.2	945.2	953.4
27.5°	5021.8	2449.3	1109.6	986.3	912.3	887.6	879.4	879.4	895.9	904.1	912.3
30°	5293.0	2539.7	1208.2	1035.6	879.4	838.3	830.1	830.1	854.8	863.0	871.2
32.5°	5605.3	2728.7	1356.1	1101.3	854.8	789.0	772.6	772.6	797.2	805.5	813.7
35°	6032.7	3024.6	1553.4	1158.9	871.2	739.7	706.8	706.8	723.3	739.7	747.9
37.5°	6583.4	3509.5	1783.5	1200.0	871.2	682.2	641.1	632.9	649.3	649.3	657.5
40°	7158.7	4142.4	2021.9	1200.0	830.1	624.6	583.5	558.9	567.1	558.9	567.1
42.5°	7479.3	4651.9	2227.3	1126.0	780.8	567.1	526.0	493.1	484.9	468.5	476.7
45°	7660.1	4882.1	2169.8	1043.8	731.5	526.0	476.7	435.6	419.2	394.5	394.5
47.5°	7660.1	4906.7	1857.5	978.1	682.2	493.1	427.4	386.3	361.6	337.0	345.2
50°	7569.7	4684.8	1471.2	912.3	624.6	460.3	386.3	353.4	320.5	304.1	304.1
52.5°	7191.6	3961.5	1126.0	830.1	558.9	419.2	345.2	312.3	279.4	271.2	271.2
55°	6542.3	2909.5	912.3	747.9	501.4	386.3	312.3	287.7	254.8	238.4	238.4
57.5°	5317.7	1989.0	756.1	674.0	443.8	345.2	279.4	254.8	213.7	197.3	197.3
60°	3945.1	1298.6	641.1	591.8	378.1	312.3	246.6	213.7	180.8	164.4	156.2
62.5°	2662.9	879.4	534.2	468.5	320.5	271.2	213.7	180.8	139.7	106.8	106.8
65°	1660.2	682.2	443.8	369.9	279.4	238.4	180.8	139.7	98.6	74.0	65.8
67.5°	953.4	550.7	361.6	287.7	238.4	189.0	139.7	115.1	82.2	57.5	49.3
68°	879.4	526.0	337.0	271.2	221.9	180.8	131.5	106.8	74.0	49.3	49.3
70°	715.1	468.5	287.7	221.9	189.0	147.9	115.1	90.4	57.5	32.9	32.9
72.5°	632.9	394.5	246.6	172.6	131.5	123.3	90.4	65.8	41.1	24.7	16.4
75°	517.8	312.3	197.3	131.5	90.4	90.4	65.8	41.1	16.4	0.0	0.0
77.5°	337.0	230.1	156.2	82.2	49.3	57.5	41.1	16.4	0.0	0.0	0.0
80°	221.9	172.6	106.8	41.1	24.7	24.7	8.2	0.0	0.0	0.0	0.0
82.5°	156.2	115.1	65.8	16.4	8.2	8.2	0.0	0.0	0.0	0.0	0.0
85°	98.6	49.3	24.7	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	41.1	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

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



LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

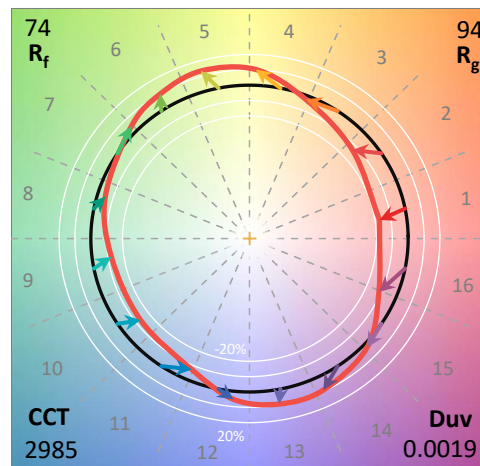
**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-4  
 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-730-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

**Spectral Parameters**

CCT (K): 2985  
 CIE u': 0.2504  
 CIE v': 0.5243  
 Duv: 0.0019  
 CIE x: 0.4408  
 CIE y: 0.4101  
 CIE z: 0.1491  
 Peak Wavelength (nm): 595  
 Dominant Wavelength (nm): 582  
 Purity: 55.41818  
 Rf: 73.8  
 Rg: 94.4

CRI (Ra):	70.8		
R1:	66.3	R9:	-43.2
R2:	80.6	R10:	57.6
R3:	94.5	R11:	64.8
R4:	68.2	R12:	53.5
R5:	66.5	R13:	68.7
R6:	74.7	R14:	97.0
R7:	76.2	R15:	56.4
R8:	39.6		



**Test Conditions**

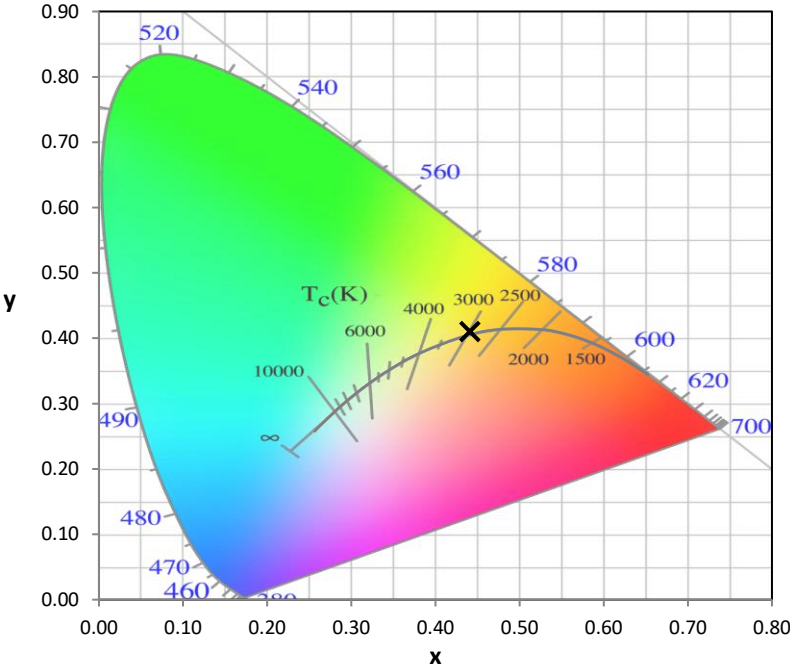
Stabilization Time: 36M  
 Operation Time: 1H 36M  
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

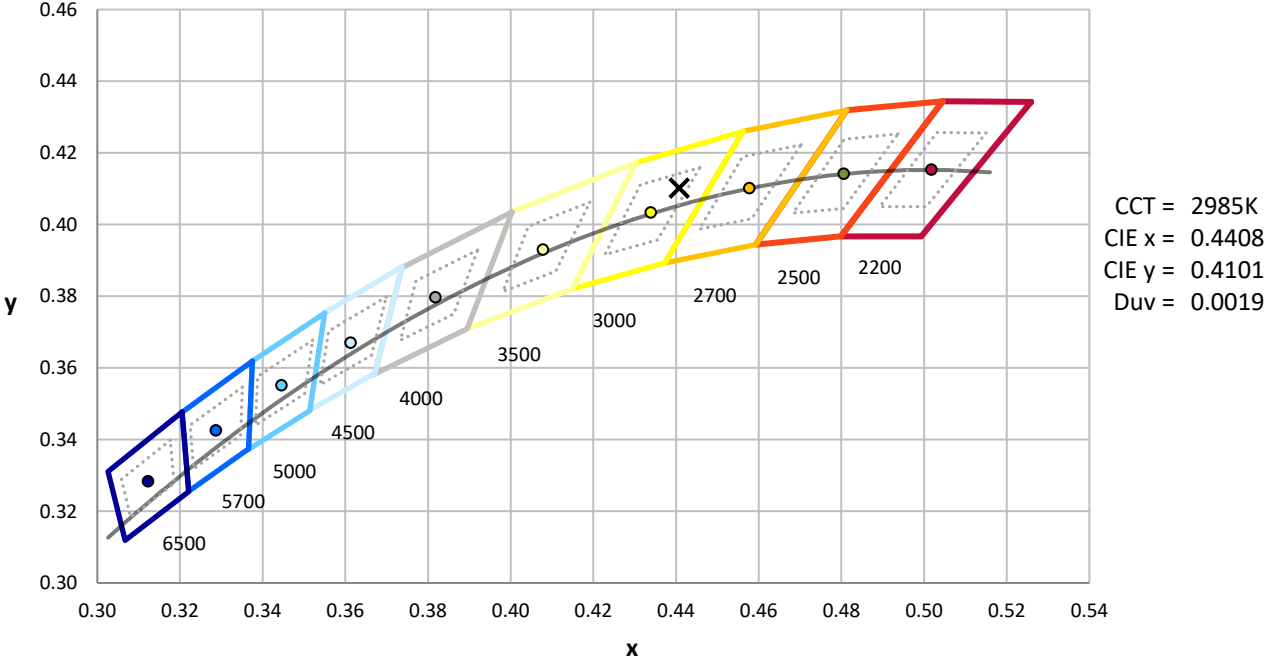
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



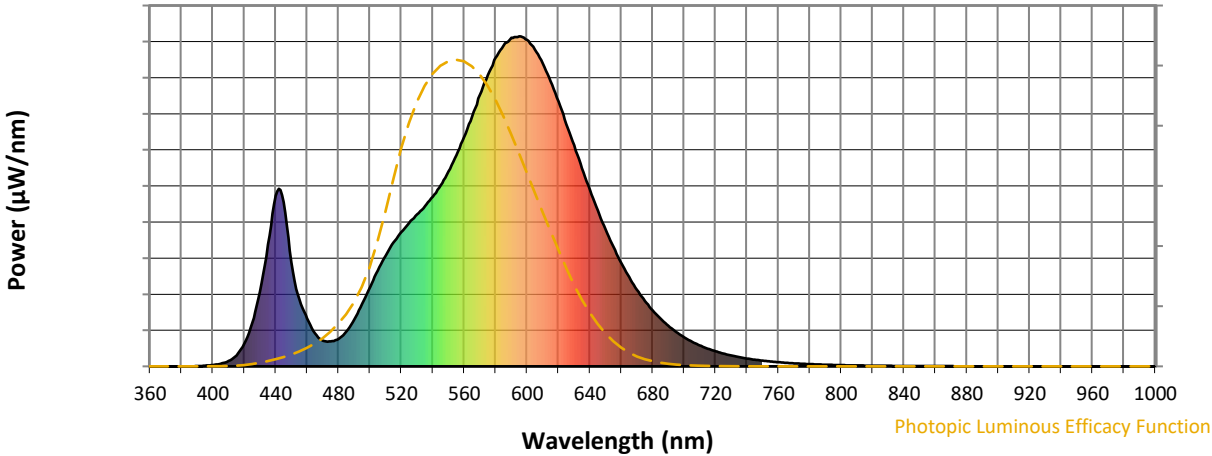
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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**Photopic Flux vs. Wavelength**

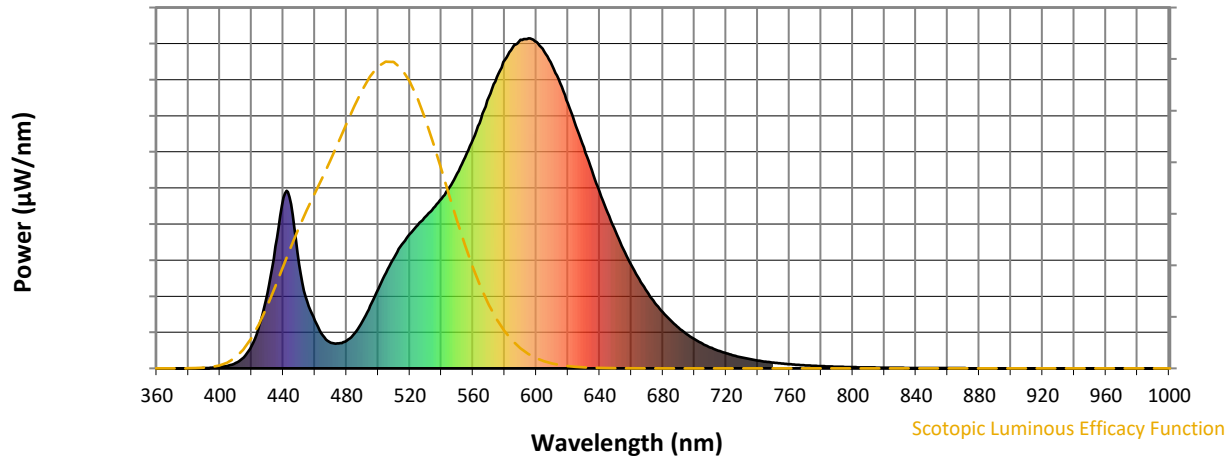


**Photopic Lumens: NR**

λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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**Scotopic Flux vs. Wavelength**



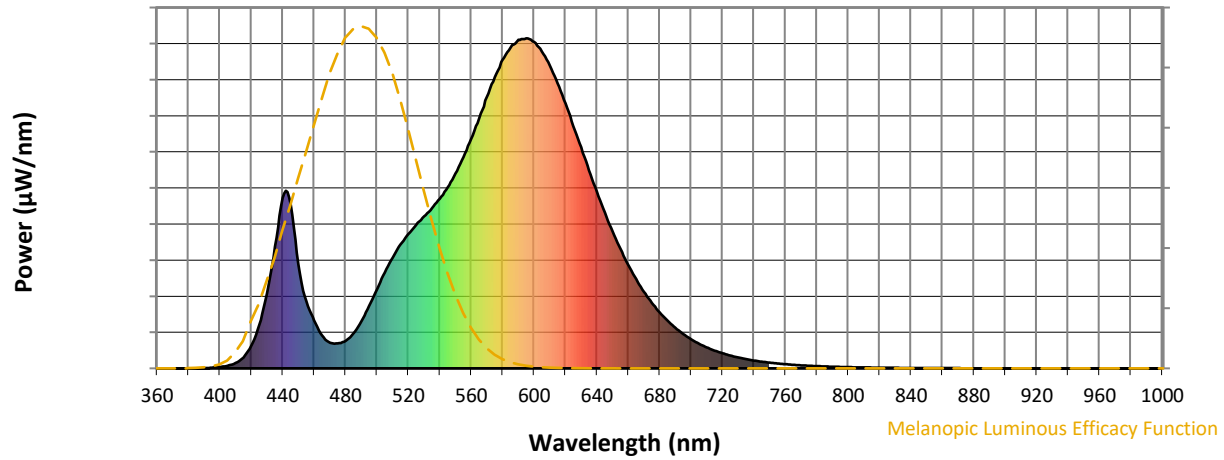
**Scotopic Lumens: NR**

**S/P: 1.19**

λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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**Melanopic Flux vs. Wavelength**



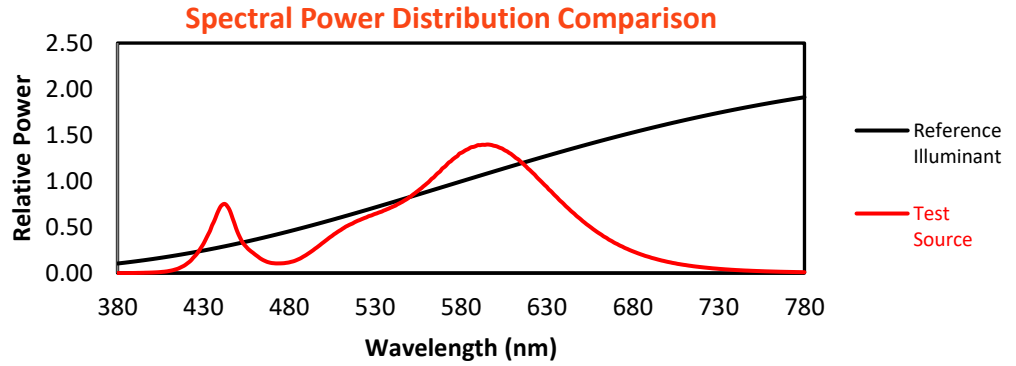
**Melanopic Lumens: NR**

**M/P: 2.13**

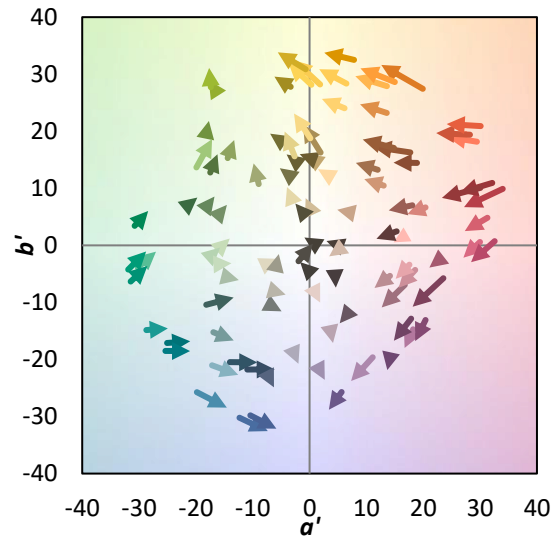
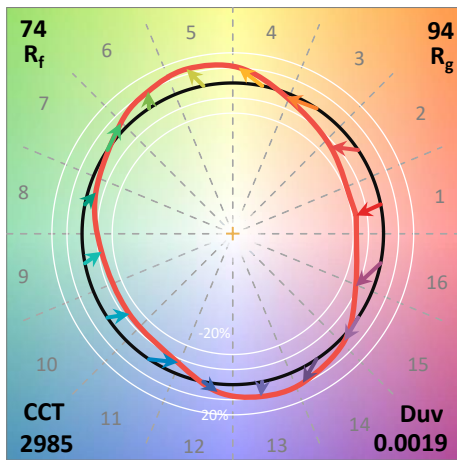
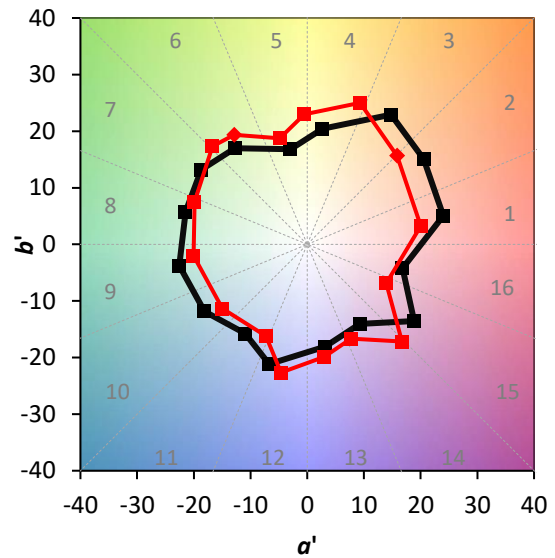
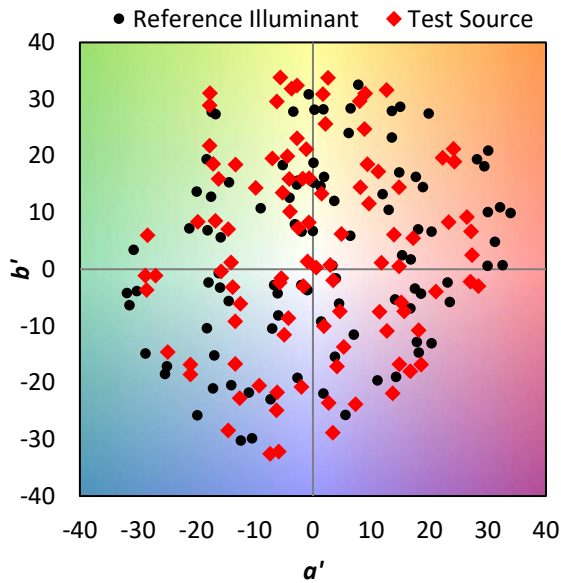
λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

**Summary**

$R_f = 73.8$   
 $R_g = 94.4$   
 CIE  $R_a = 70.8$   
 $R_g = -43.2$

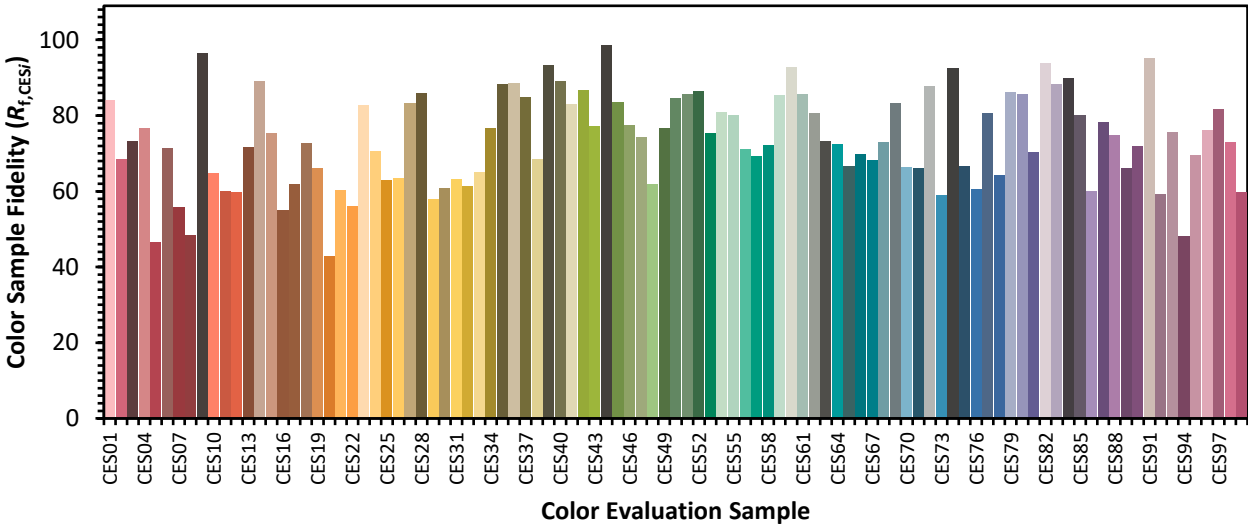


**Color Vector Graphics**

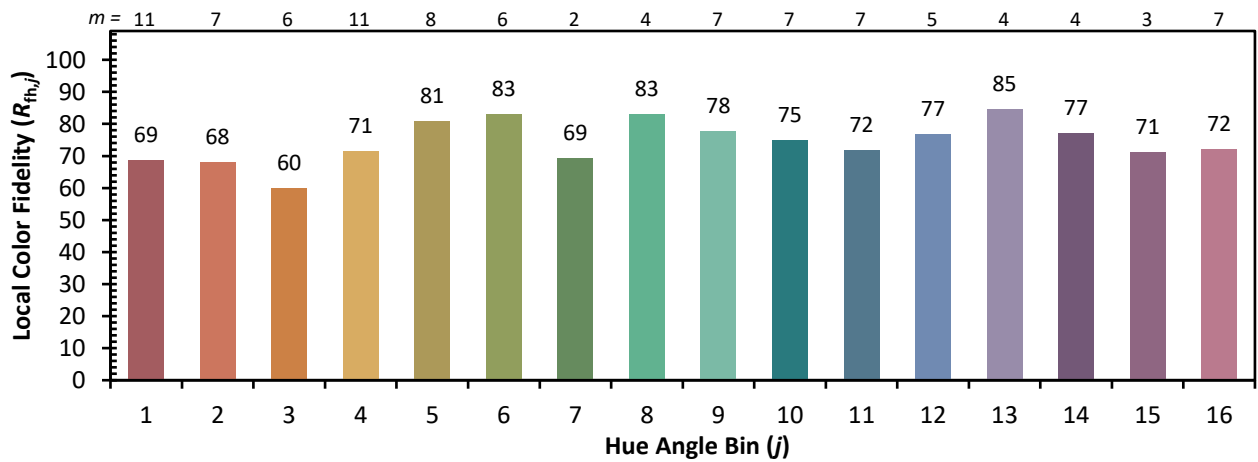
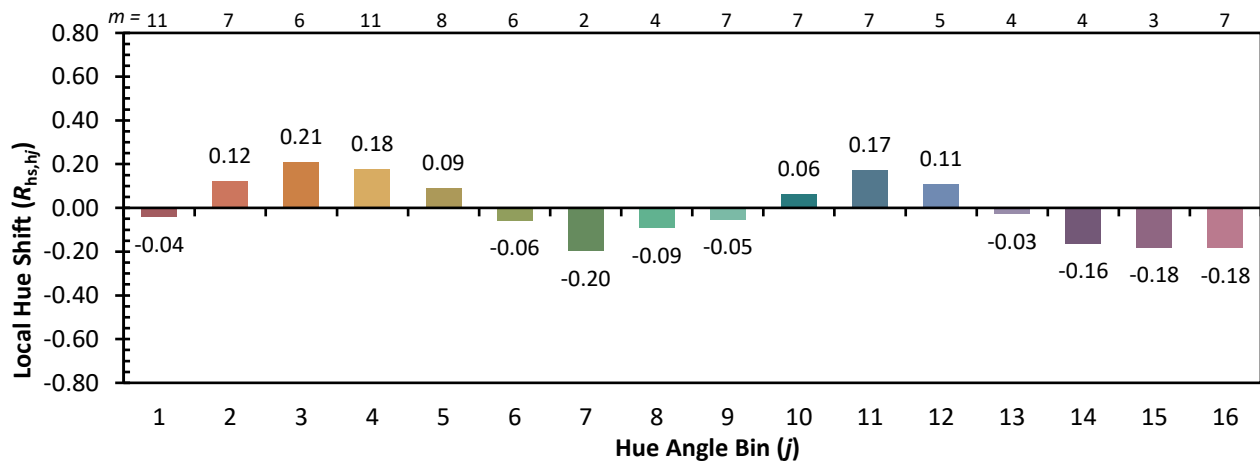
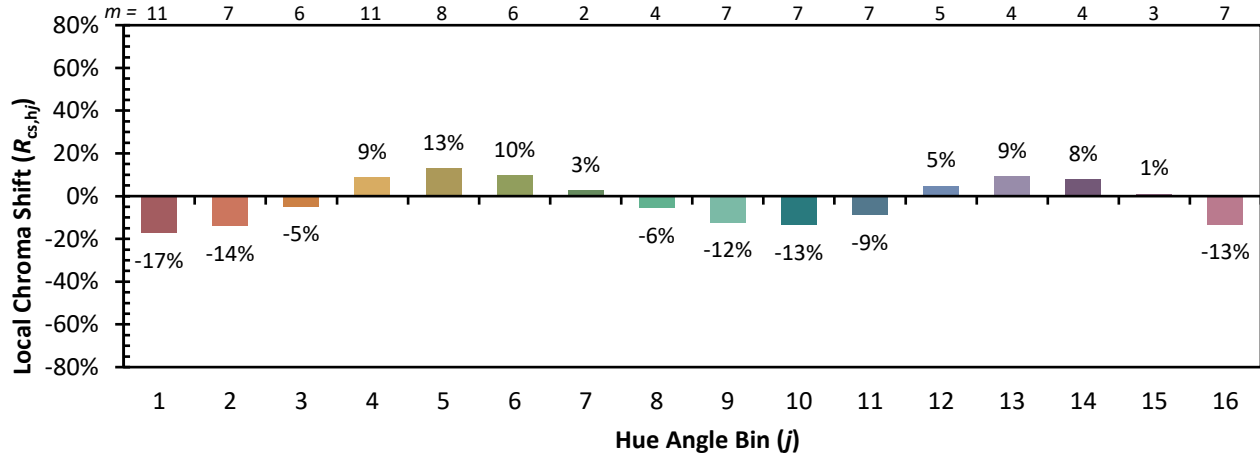


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

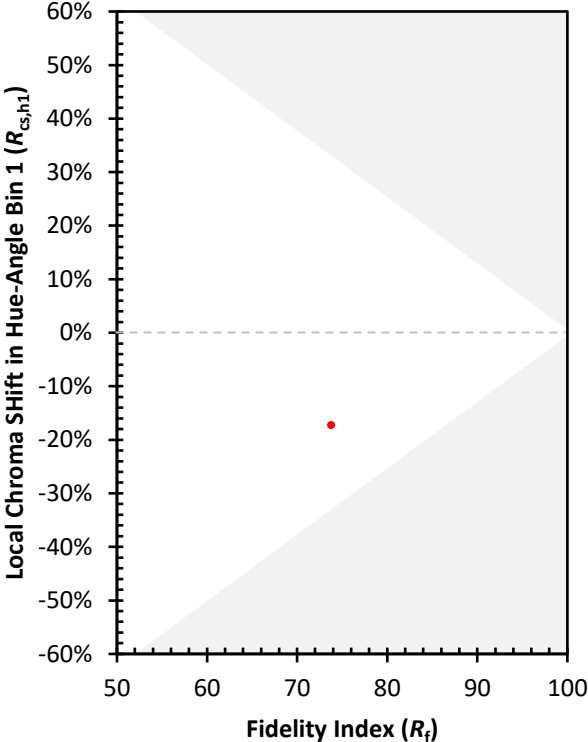
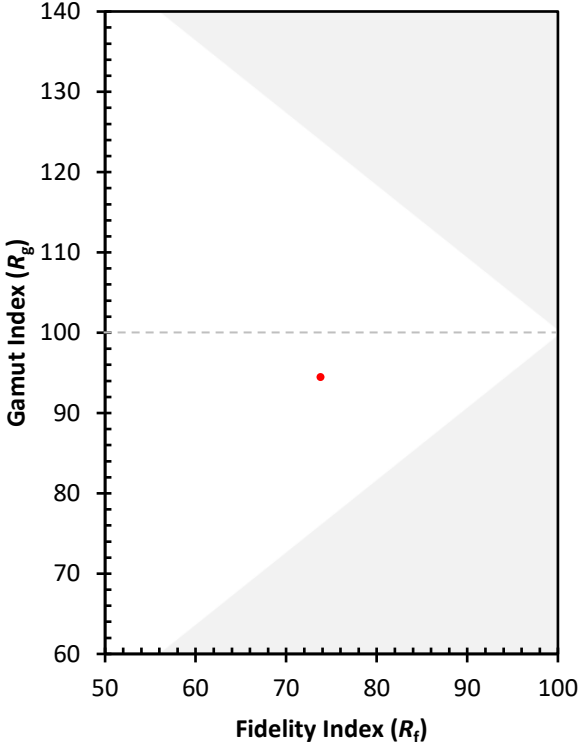
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)