

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: P1458197

Luminaire Tested: GLAN-SB8C-730-U-T3LG-HSS

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1458197  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/21/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB8C-730-U-T3LG-HSS  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 8xLight Square  
PACKAGE 70CRI 3000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD  
Light Source: (208) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

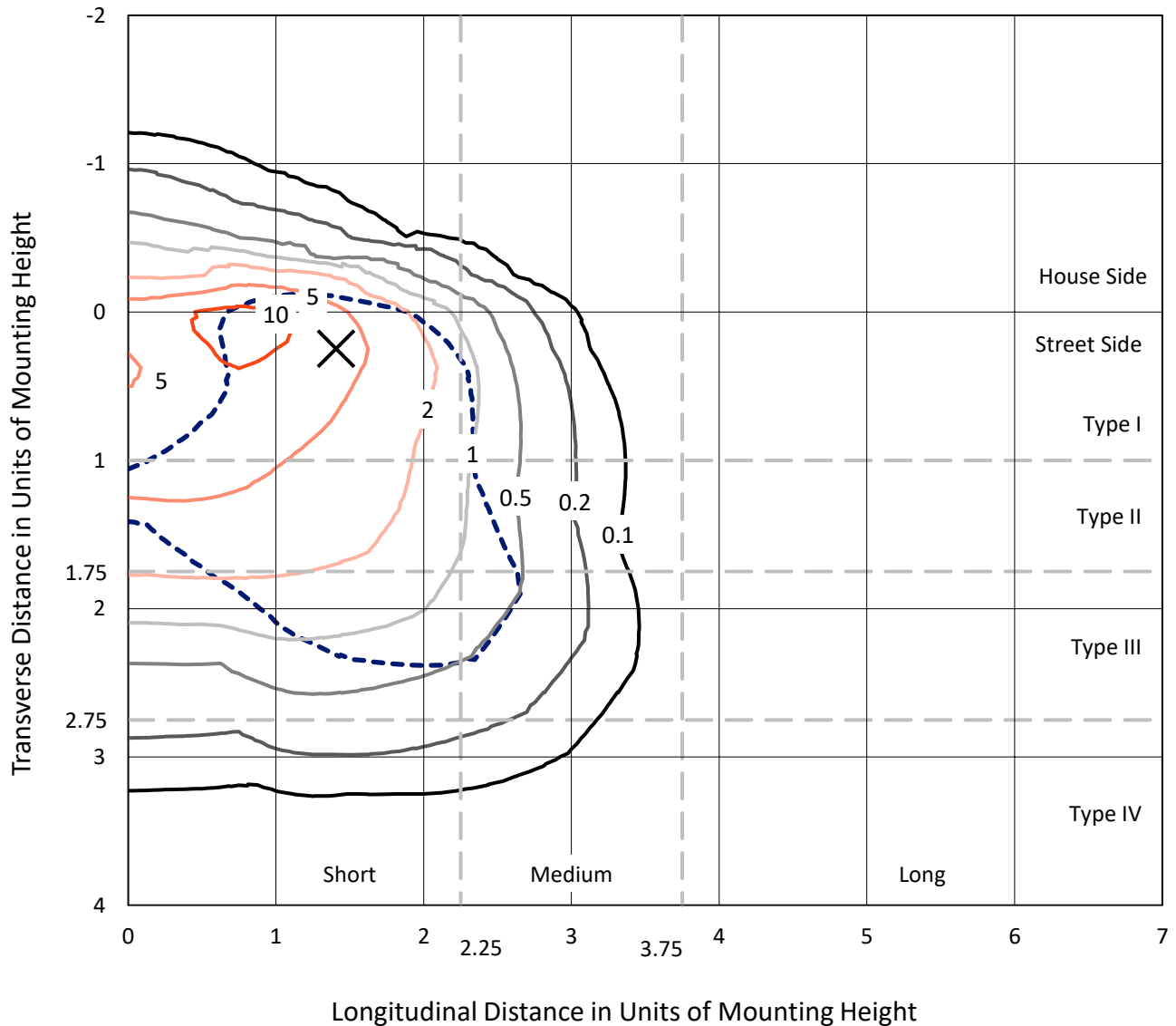
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 46275.4 lumens  
Efficiency: N/A  
Efficacy: 115.7 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G5  
  
Input Watts (W): 399.8  
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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 CATALOG NUMBER: GLAN-SB8C-730-U-T3LG-HSS

### Iso-Footcandle Lines of Horizontal Illumination

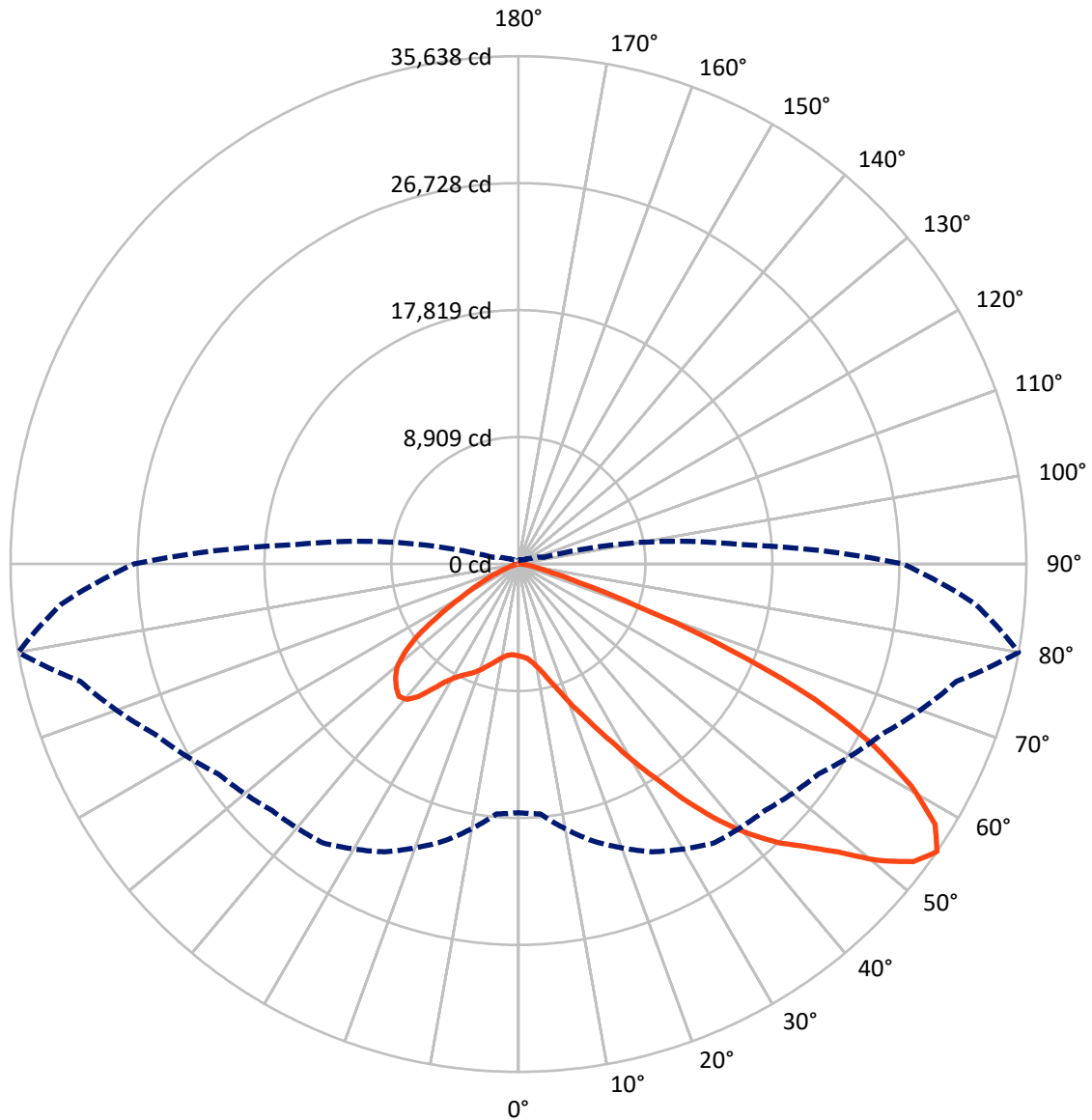
× Max cd  
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 12.7 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 80-Deg Lateral      - - - Horizontal Cone Through 55-Deg Vertical

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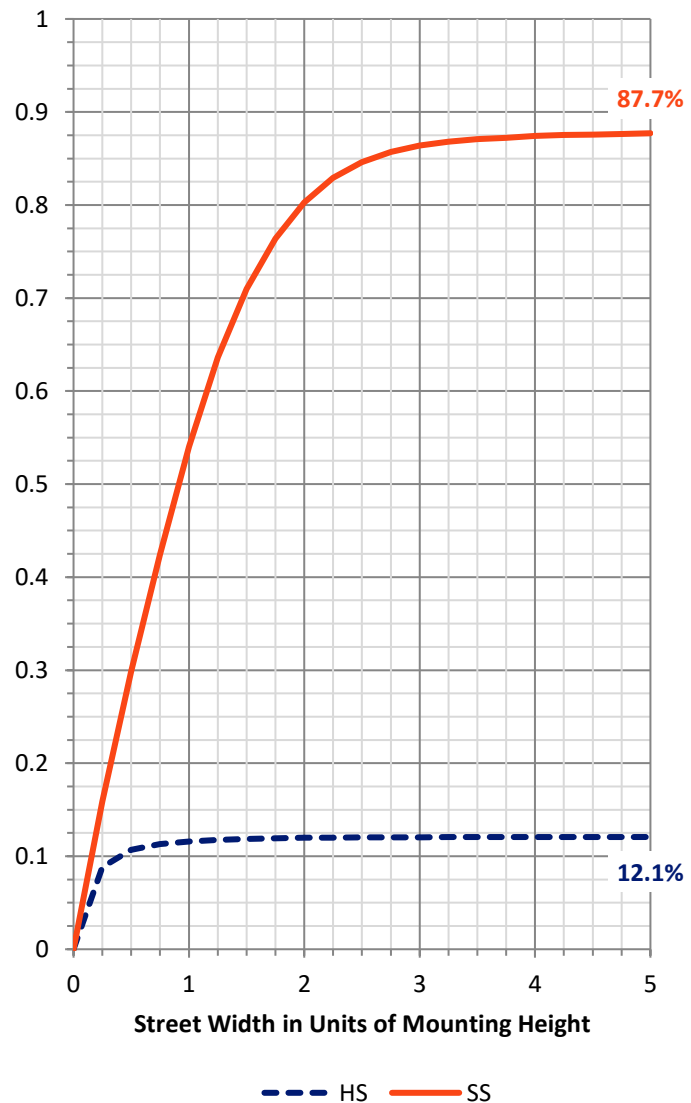
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5625.3	0.0	5625.3
	% Fixture	12.2	0.0	12.2
<b>Street Side</b>	Lumens	40650.1	0.0	40650.1
	% Fixture	87.8	0.0	87.8
<b>Total</b>	Lumens	46275.4	0.0	46275.4
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	541.0	1.2
10°-20°	1426.2	3.1
20°-30°	2792.0	6.0
30°-40°	5680.2	12.3
40°-50°	9575.9	20.7
50°-60°	12235.1	26.4
60°-70°	10445.9	22.6
70°-80°	3338.1	7.2
80°-90°	241.0	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°	46275.4	100.0
0°-180°	46275.4	100.0



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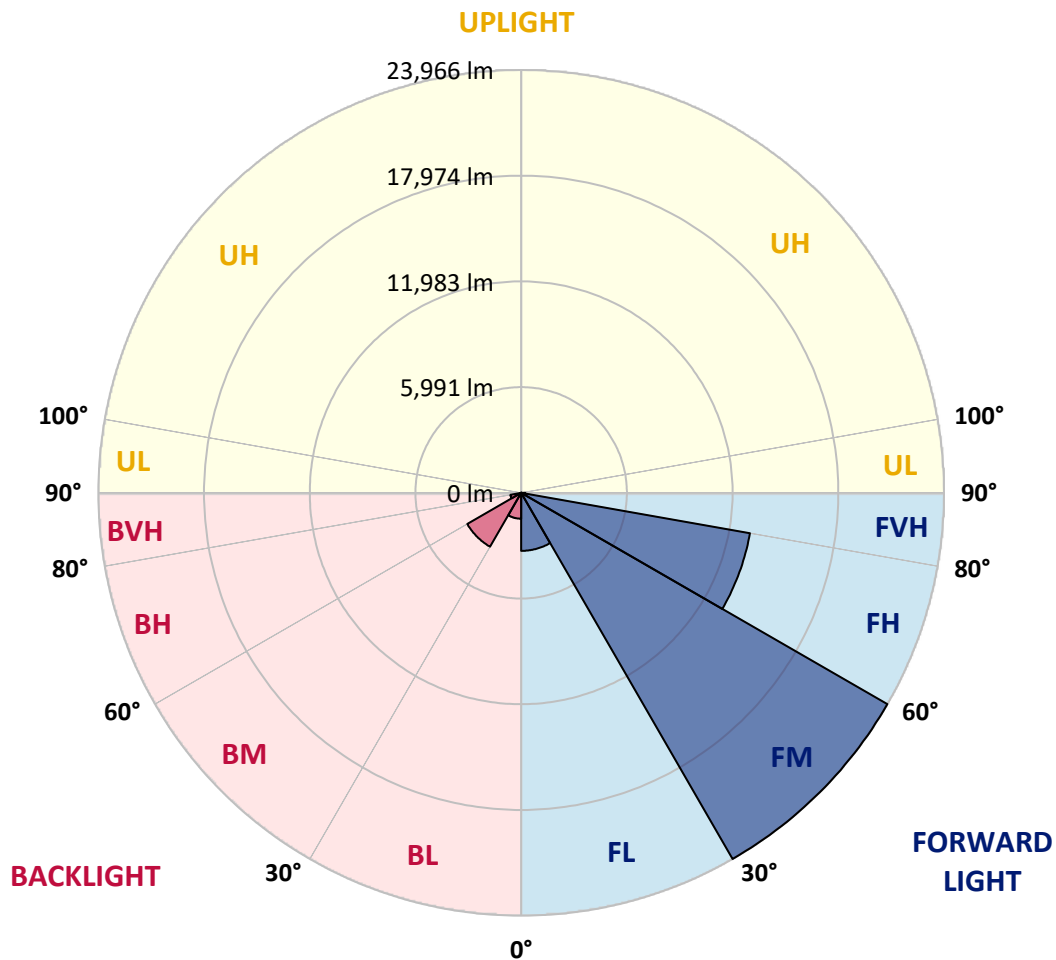
CATALOG NUMBER: GLAN-SB8C-730-U-T3LG-HSS

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3290.3	7.1			
FM	(30°-60°)	23965.7	51.8			
FH	(60°-80°)	13165.7	28.5			G5
FVH	(80°-90°)	228.5	0.5			G3/500
BL	(0°-30°)	1468.9	3.2	B3/2500		
BM	(30°-60°)	3525.5	7.6	B3/5000		
BH	(60°-80°)	618.3	1.3	B2/1000		G2/1000
BVH	(80°-90°)	12.6	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G5**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	6446.1	6446.1	6446.1	6446.1	6446.1	6446.1	6446.1	6446.1	6446.1	6446.1	6446.1
2.5°	6485.6	6498.7	6485.6	6498.7	6525.0	6511.9	6564.5	6551.3	6551.3	6538.2	6485.6
5°	6117.2	6130.4	6156.7	6222.5	6314.5	6406.6	6525.0	6604.0	6682.9	6669.7	6617.1
7.5°	5393.7	5420.0	5525.2	5656.8	5959.3	6235.6	6538.2	6735.5	6906.5	6959.2	6919.7
10°	4985.9	5012.2	5077.9	5209.5	5485.8	5946.2	6538.2	6946.0	7248.6	7353.8	7367.0
12.5°	4946.4	4959.5	5012.2	5156.9	5393.7	5788.3	6525.0	7222.3	7735.3	7893.2	7945.8
15°	4972.7	4999.0	5051.6	5170.0	5446.3	5893.6	6630.3	7656.4	8379.9	8603.6	8616.7
17.5°	5077.9	5104.3	5170.0	5301.6	5604.2	6169.8	6959.2	8103.7	9156.1	9406.0	9550.7
20°	5288.4	5301.6	5380.5	5551.5	5893.6	6511.9	7445.9	8708.8	10090.1	10458.5	10563.7
22.5°	5564.7	5604.2	5709.4	5919.9	6354.0	6985.5	8116.8	9445.5	11116.2	11497.7	11681.9
25°	5867.3	5919.9	6077.7	6419.8	6972.3	7709.0	8945.6	10419.0	12326.5	12786.9	13036.9
27.5°	6485.6	6498.7	6604.0	7038.1	7748.5	8656.2	9998.0	11668.7	13747.3	14286.7	14562.9
30°	7840.6	7853.7	7761.6	7880.0	8603.6	9774.4	11234.6	13129.0	15404.9	16154.7	16378.3
32.5°	9498.1	9563.9	9550.7	9471.8	9800.7	10892.6	12708.0	14878.6	17351.8	18141.2	18351.6
35°	11379.3	11537.2	11497.7	11471.4	11510.9	12326.5	14391.9	16812.5	19561.9	20522.3	20693.3
37.5°	13221.1	13260.5	13444.7	13668.4	13694.7	14260.3	16338.9	18864.7	21614.2	22837.6	23100.7
40°	14641.8	14773.4	15233.8	15681.1	16141.5	16588.8	17943.8	20522.3	23245.4	24889.8	25008.2
42.5°	15746.9	16062.6	16733.5	17430.8	18364.8	18864.7	19469.8	21693.1	24574.1	26718.4	26665.8
45°	17088.7	17220.3	18167.5	19088.3	20035.5	20798.5	20785.4	22679.7	25613.4	28283.9	27955.0
47.5°	17996.4	18154.3	19443.5	20522.3	21495.8	21877.3	21956.2	23745.3	27047.3	30178.2	29402.1
50°	18483.2	18759.5	20167.1	21535.2	22587.6	22706.0	23061.2	25139.8	28928.5	32690.9	31230.7
52.5°	18535.8	18798.9	20417.0	22179.8	23324.3	23561.1	24166.3	26718.4	30757.1	34703.7	32283.1
55°	17443.9	17601.8	20114.4	22285.1	23903.2	24455.7	25692.3	28178.6	31822.7	35637.7	32191.0
57.5°	16417.8	16575.7	18759.5	22100.9	24495.2	25626.5	27323.5	29178.4	30993.9	34480.0	30138.8
60°	15536.4	15615.3	17601.8	21245.8	24718.8	26771.0	28731.2	28191.8	28849.6	31704.3	26626.3
62.5°	13878.8	13931.5	16286.3	19706.6	24271.5	27652.4	29217.9	26100.1	26494.8	27876.1	22495.6
65°	10484.8	10682.1	12839.6	18549.0	23534.8	28060.2	28086.6	23548.0	23140.2	22811.3	17693.9
67.5°	7117.0	7340.7	8643.0	16680.9	22337.7	28231.3	25889.6	20246.0	17628.1	15931.1	11589.8
70°	5683.1	5683.1	6130.4	13405.2	19496.1	26047.5	23166.5	15286.5	11195.2	8800.9	6209.3
72.5°	3736.1	3749.3	4170.2	8511.5	13826.2	19864.5	18891.0	8840.4	5814.6	4486.0	3065.2
75°	1355.0	1355.0	1828.6	3407.2	7314.3	11826.6	11510.9	4222.8	3157.3	2446.9	1854.9
77.5°	723.5	749.9	881.4	1407.6	2802.1	4814.8	4499.1	2157.5	1789.1	1526.0	1157.7
80°	486.7	499.9	592.0	868.2	1355.0	1854.9	1447.1	1210.3	1210.3	1026.1	776.2
82.5°	263.1	276.3	394.7	565.7	723.5	868.2	697.2	710.4	855.1	697.2	447.3
85°	184.2	184.2	302.6	407.8	407.8	421.0	302.6	447.3	499.9	434.1	302.6
87.5°	105.2	105.2	171.0	197.3	197.3	184.2	92.1	157.9	197.3	223.6	131.6
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: P1458197

CATALOG NUMBER: GLAN-SB8C-730-U-T3LG-HSS

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6446.1	6446.1	6446.1	6446.1	6446.1	6446.1	6446.1	6446.1	6446.1	6446.1	6446.1
2.5°	6472.4	6432.9	6354.0	6196.1	6117.2	6012.0	5919.9	5801.5	5775.2	5762.0	5709.4
5°	6577.6	6498.7	6261.9	5919.9	5630.5	5354.2	5077.9	4920.1	4788.5	4722.8	4709.6
7.5°	6840.8	6682.9	6248.8	5643.6	5104.3	4630.7	4222.8	3867.7	3683.5	3525.6	3538.8
10°	7235.4	6985.5	6275.1	5380.5	4578.0	3815.0	3223.0	2710.0	2341.6	2170.6	2157.5
12.5°	7761.6	7406.4	6367.2	5117.4	3933.4	2867.9	2118.0	1815.4	1736.5	1723.3	1710.2
15°	8406.2	7906.3	6459.3	4775.4	3065.2	1986.4	1723.3	1657.6	1644.4	1631.3	1631.3
17.5°	9182.4	8485.2	6511.9	4196.5	2236.4	1710.2	1618.1	1578.6	1565.5	1552.3	1552.3
20°	10155.9	9129.8	6577.6	3459.8	1894.4	1644.4	1539.2	1486.5	1473.4	1473.4	1460.2
22.5°	11116.2	9853.3	6525.0	2815.2	1828.6	1565.5	1447.1	1394.5	1368.2	1368.2	1355.0
25°	12221.3	10590.0	6367.2	2539.0	1815.4	1499.7	1355.0	1276.1	1236.6	1223.4	1223.4
27.5°	13484.2	11432.0	6117.2	2552.1	1815.4	1447.1	1236.6	1131.4	1105.0	1078.7	1078.7
30°	14931.3	12458.1	5933.0	2723.1	1841.7	1394.5	1131.4	999.8	960.3	934.0	947.2
32.5°	16588.8	13602.6	5919.9	2999.4	1881.2	1315.5	1013.0	868.2	828.8	815.6	828.8
35°	18470.0	15023.3	6222.5	3209.9	1776.0	1144.5	868.2	749.9	710.4	710.4	723.5
37.5°	20561.7	16654.6	6630.3	3157.3	1433.9	907.7	749.9	657.8	618.3	631.5	644.6
40°	22469.2	17930.7	6696.0	2696.8	1078.7	776.2	644.6	578.8	552.5	565.7	578.8
42.5°	23916.3	18956.8	6064.6	2091.7	907.7	657.8	552.5	499.9	486.7	513.1	513.1
45°	25087.1	19364.6	5064.8	1552.3	802.5	565.7	486.7	460.4	434.1	447.3	447.3
47.5°	26310.6	19430.4	4130.8	1249.8	710.4	513.1	447.3	421.0	394.7	394.7	394.7
50°	27494.6	19272.5	3157.3	1105.0	657.8	460.4	407.8	381.5	355.2	342.0	342.0
52.5°	27784.0	18009.6	2315.3	1026.1	605.1	434.1	381.5	355.2	328.9	315.7	315.7
55°	26981.5	15615.3	1815.4	920.9	552.5	394.7	355.2	328.9	289.4	276.3	276.3
57.5°	24337.3	11905.5	1447.1	789.3	499.9	381.5	328.9	302.6	263.1	250.0	250.0
60°	20903.8	8445.7	1170.8	644.6	460.4	342.0	302.6	263.1	236.8	210.5	210.5
62.5°	17101.9	6064.6	947.2	539.4	434.1	302.6	276.3	236.8	184.2	144.7	144.7
65°	13115.8	4354.4	736.7	434.1	394.7	263.1	236.8	197.3	144.7	105.2	105.2
67.5°	8485.2	2815.2	552.5	381.5	302.6	223.6	184.2	157.9	131.6	92.1	78.9
70°	4472.8	1644.4	407.8	328.9	223.6	171.0	157.9	131.6	105.2	65.8	65.8
72.5°	2315.3	1078.7	302.6	289.4	171.0	118.4	131.6	105.2	78.9	39.5	39.5
75°	1486.5	723.5	223.6	236.8	105.2	92.1	92.1	65.8	39.5	26.3	13.2
77.5°	960.3	486.7	157.9	197.3	65.8	52.6	52.6	26.3	13.2	0.0	0.0
80°	565.7	302.6	105.2	131.6	26.3	26.3	13.2	0.0	0.0	0.0	0.0
82.5°	289.4	157.9	52.6	52.6	13.2	0.0	0.0	0.0	0.0	0.0	0.0
85°	184.2	78.9	13.2	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	92.1	26.3	13.2	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

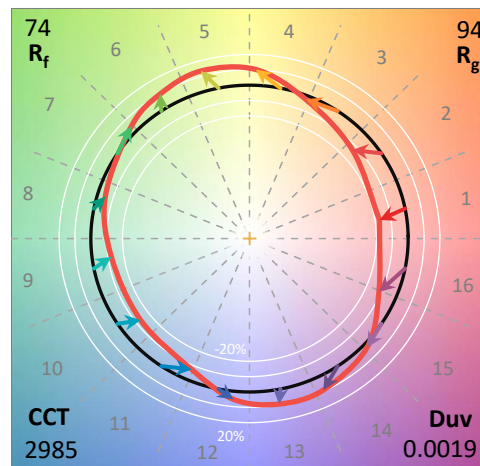
**Test Information**

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**

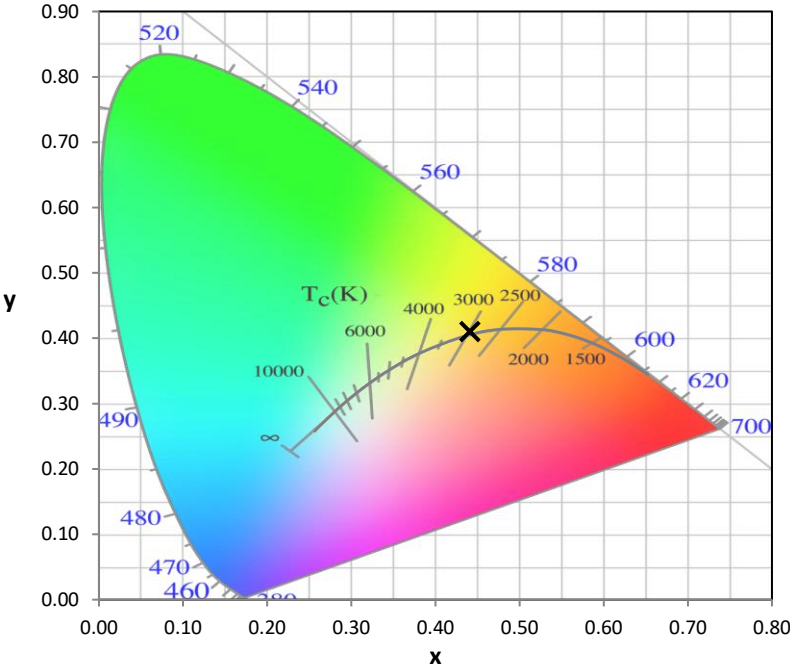
Stabilization Time: 36M  
 Operation Time: 1H 36M  
 Sphere Temperature (°C): 25.2

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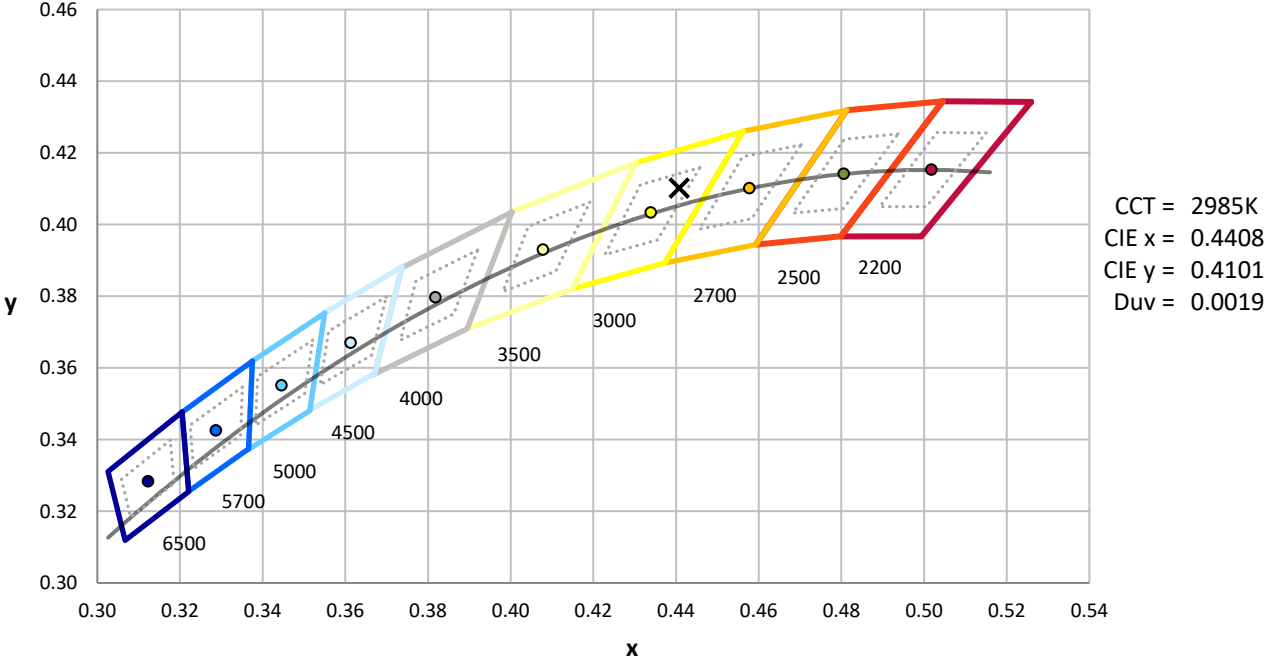
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

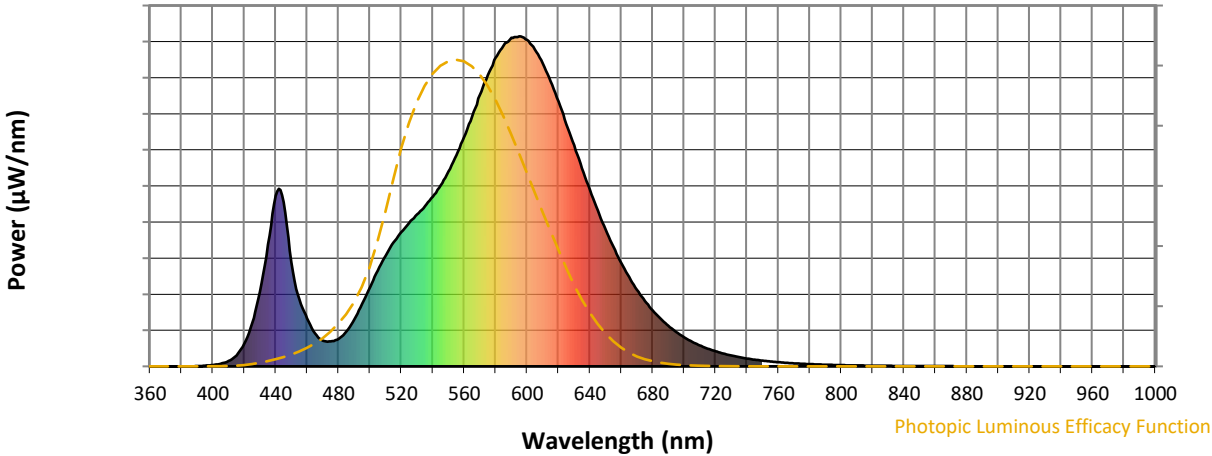


CCT = 2985K  
 CIE x = 0.4408  
 CIE y = 0.4101  
 Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

**Photopic Flux vs. Wavelength**

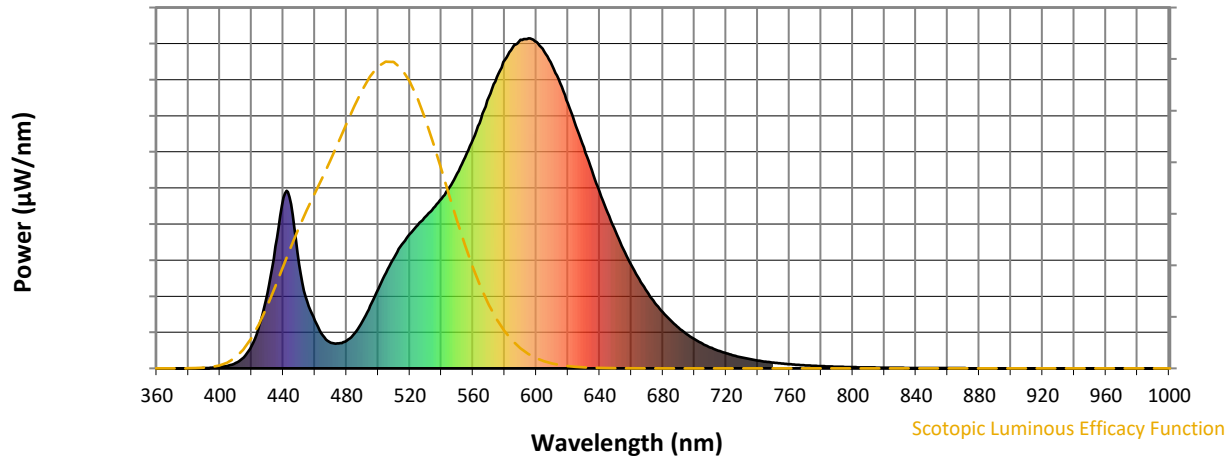


**Photopic Lumens: NR**

$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /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**



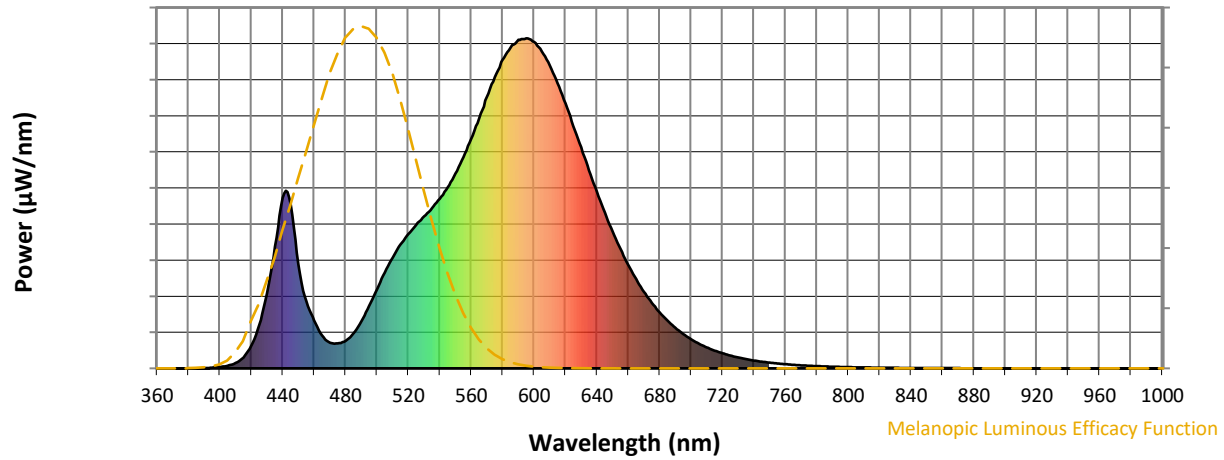
**Scotopic Lumens: NR**

**S/P: 1.19**

$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /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**



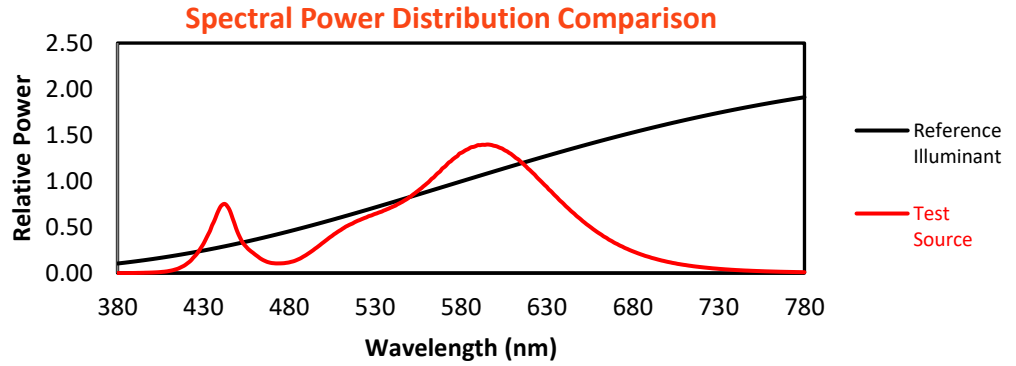
**Melanopic Lumens: NR**

**M/P: 2.13**

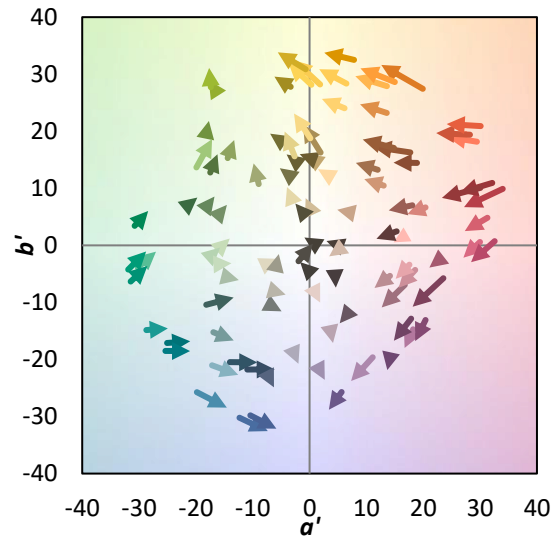
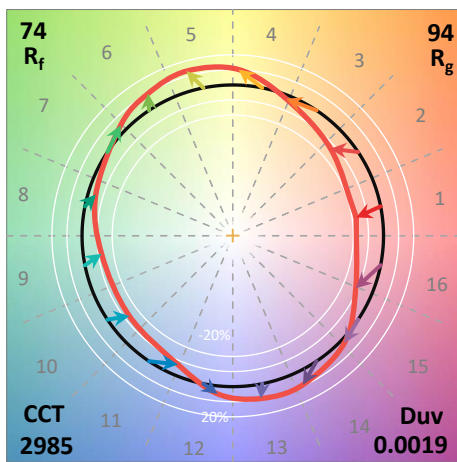
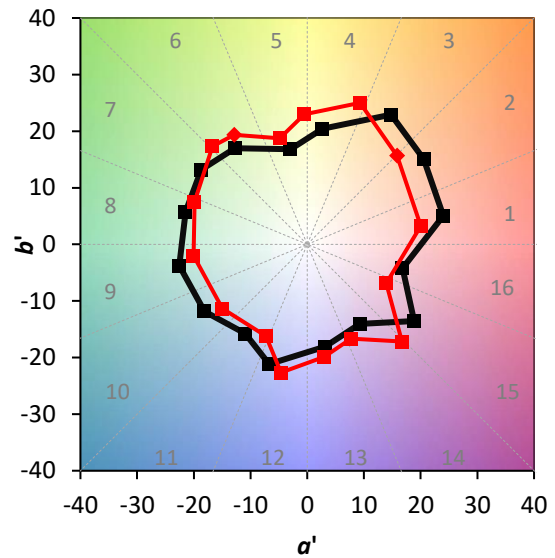
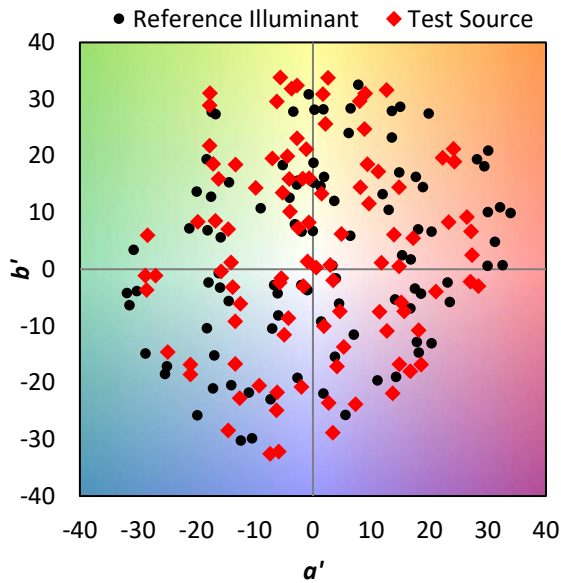
λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	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  $R_a = 70.8$   
 $R_g = -43.2$

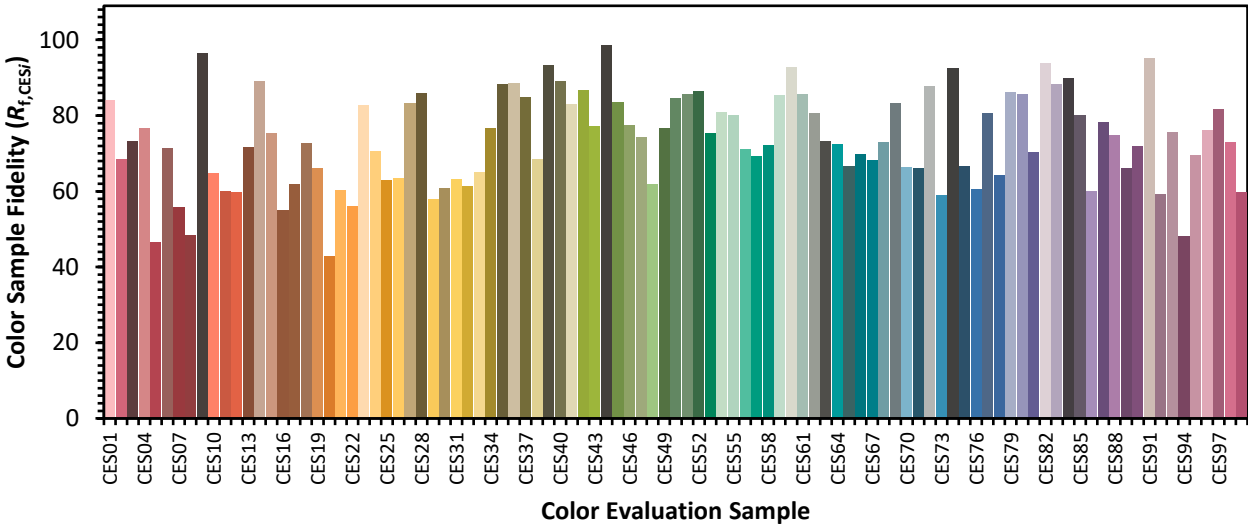


**Color Vector Graphics**

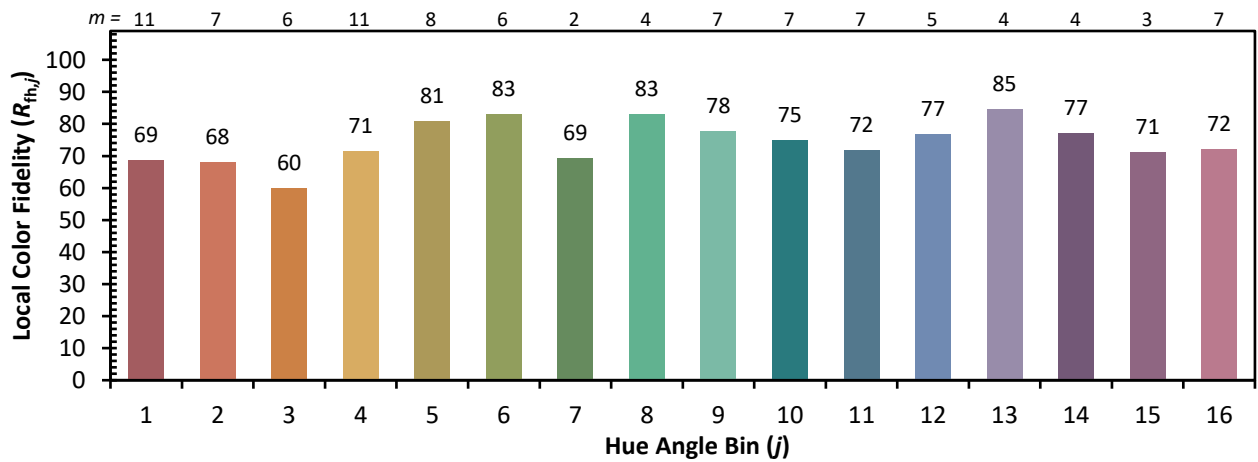
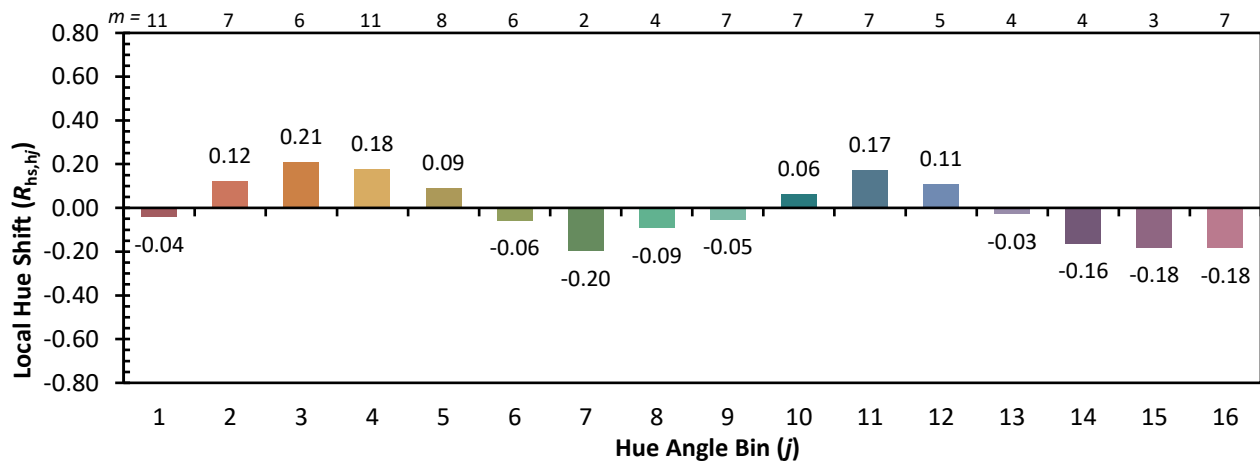
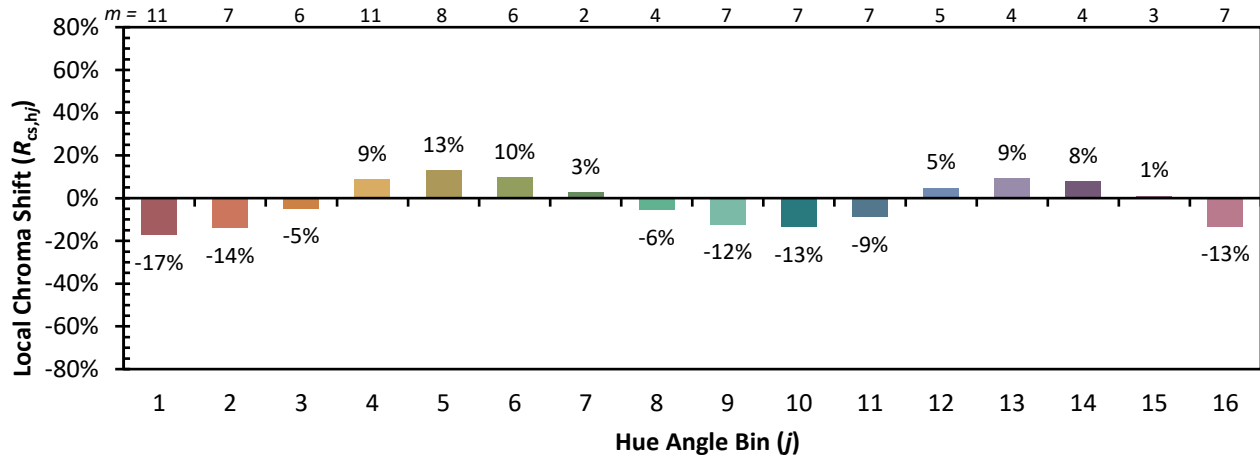


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

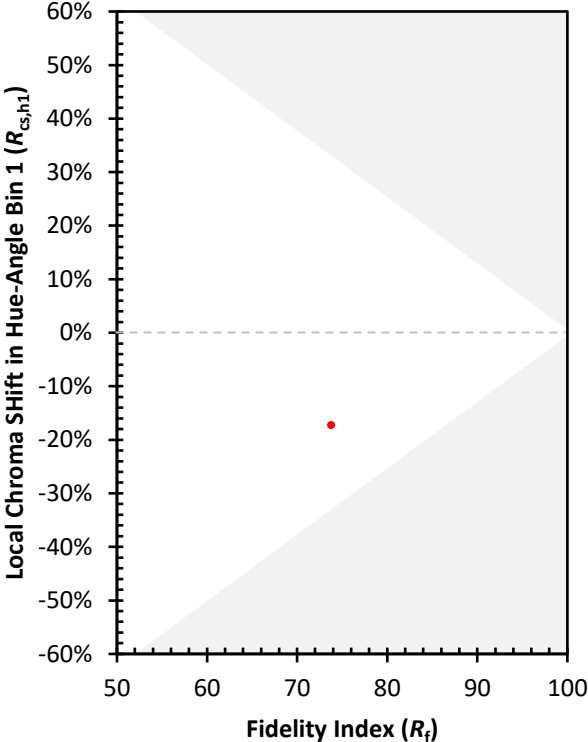
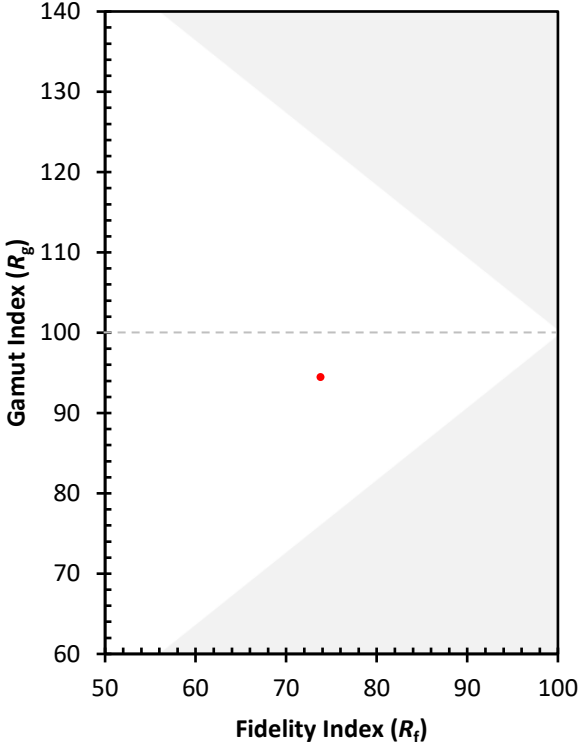
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 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)