

Signify Classified - Internal
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: McGRAW-EDISON

Report Number: P1047462

Luminaire Tested: **GALN-SA5B-927-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047462
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5B-927-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE
90CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (70) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14592.3 lumens
Efficiency: N/A
Efficacy: 81.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 178.8
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



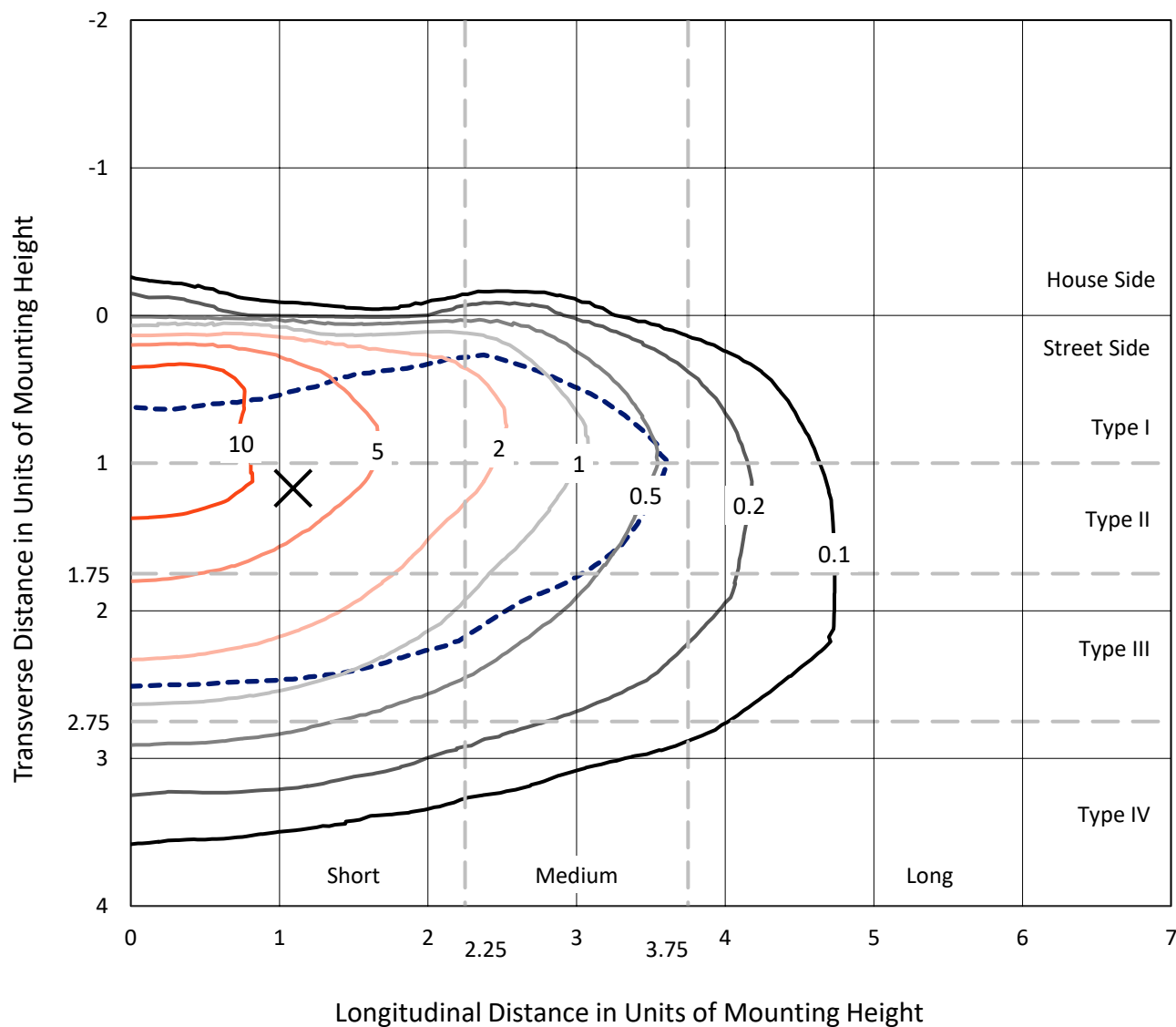
REPORT NUMBER: P1047462

CATALOG NUMBER: GALN-SA5B-927-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

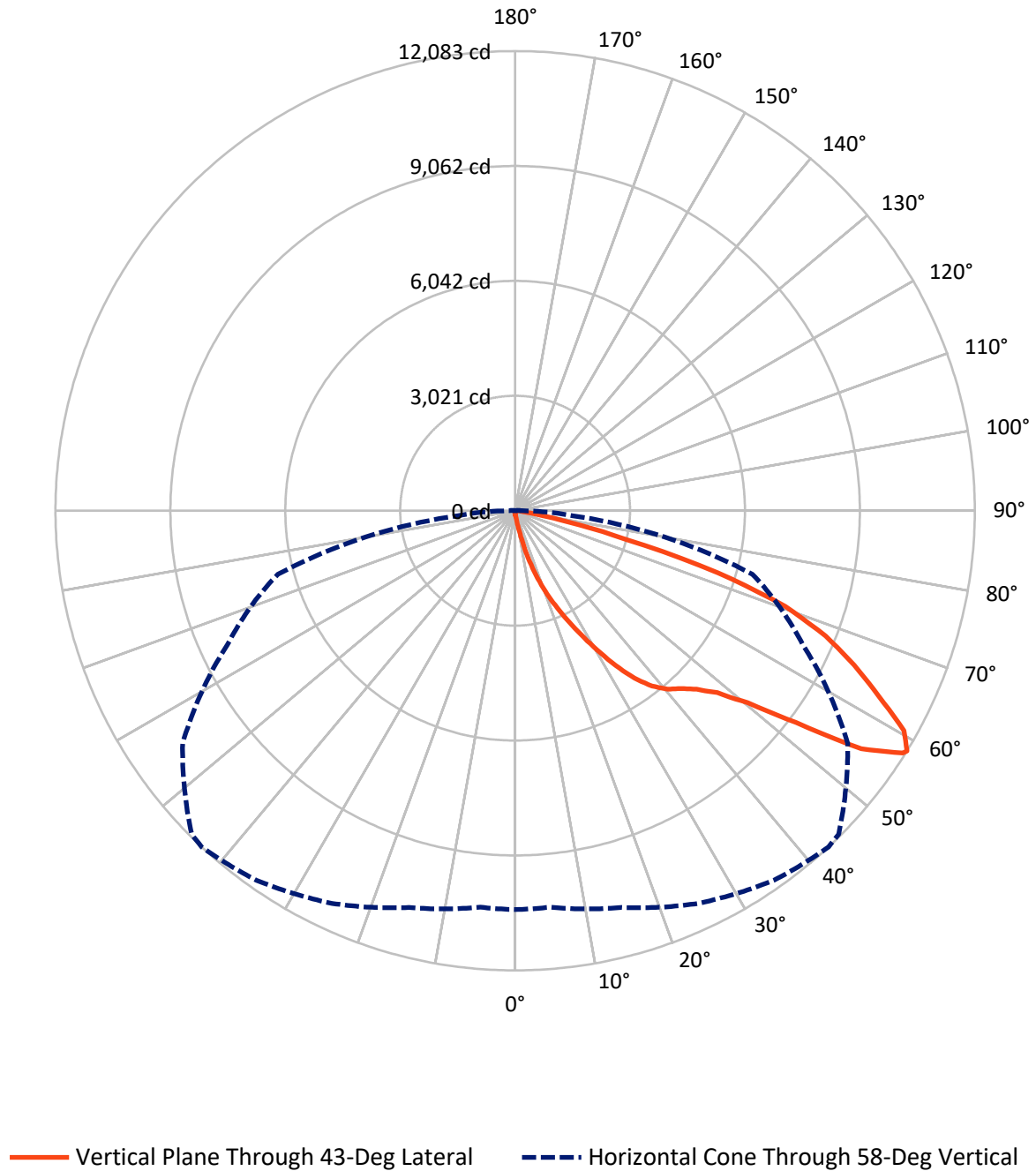


Based on 15 foot mounting height. Maximum calculated value = 16.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	53.3	0.0	53.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	14539.0	0.0	14539.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	14592.3	0.0	14592.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.0	0.1
10°-20°	167.7	1.1
20°-30°	604.6	4.1
30°-40°	1383.3	9.5
40°-50°	2333.0	16.0
50°-60°	3850.0	26.4
60°-70°	4302.9	29.5
70°-80°	1776.6	12.2
80°-90°	160.2	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°	14592.3	100.0
0°-180°	14592.3	100.0



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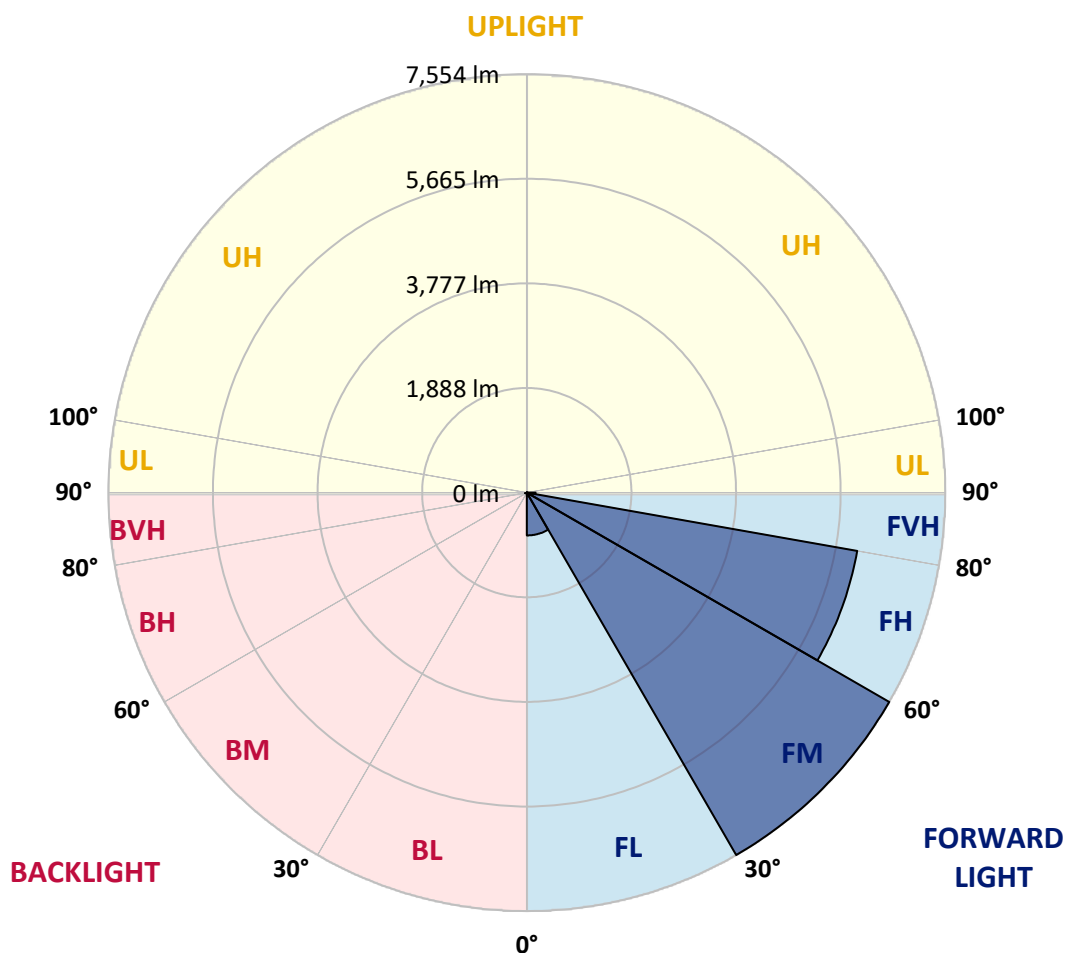
CATALOG NUMBER: GALN-SA5B-927-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	772.4	5.3			
FM	(30°-60°)	7553.5	51.8			
FH	(60°-80°)	6055.1	41.5			G3/7500
FVH	(80°-90°)	158.0	1.1			G2/225
BL	(0°-30°)	13.9	0.1	B0/110		
BM	(30°-60°)	12.8	0.1	B0/220		
BH	(60°-80°)	24.4	0.2	B0/110		G0/110
BVH	(80°-90°)	2.2	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
2.5°	114.5	118.3	114.5	114.5	114.5	110.7	110.7	106.9	106.9	103.0	99.2
5°	167.9	167.9	156.5	148.8	141.2	137.4	133.6	125.9	118.3	110.7	103.0
7.5°	374.0	374.0	339.7	293.9	232.8	198.5	190.8	156.5	133.6	118.3	103.0
10°	893.1	893.1	816.7	690.8	534.3	396.9	354.9	225.2	160.3	125.9	106.9
12.5°	1484.6	1503.7	1408.3	1248.0	1015.2	774.7	690.8	412.2	213.7	137.4	106.9
15°	2015.1	1969.3	1942.6	1789.9	1568.6	1282.3	1175.5	694.6	309.1	156.5	106.9
17.5°	2373.9	2373.9	2335.7	2232.6	2030.4	1778.5	1690.7	1122.0	500.0	179.4	110.7
20°	2793.7	2793.7	2725.0	2652.5	2473.1	2259.4	2175.4	1595.3	774.7	229.0	110.7
22.5°	3301.3	3308.9	3232.6	3102.8	2931.1	2694.4	2621.9	2034.2	1122.0	305.3	114.5
25°	3919.5	3927.2	3816.5	3694.4	3431.0	3175.3	3064.6	2538.0	1545.7	427.4	114.5
27.5°	4602.7	4656.1	4492.0	4282.1	4003.5	3682.9	3598.9	2992.1	1965.5	603.0	122.1
30°	5453.8	5453.8	5236.2	4942.3	4640.8	4243.9	4137.1	3469.2	2412.0	835.8	129.8
32.5°	6186.5	6129.3	5850.7	5541.5	5221.0	4850.8	4736.3	3969.1	2870.0	1125.9	145.0
35°	6747.5	6697.9	6354.4	6022.4	5743.8	5404.1	5266.8	4511.1	3354.7	1454.1	167.9
37.5°	7228.4	7209.3	6743.7	6327.7	6144.5	5846.9	5724.7	5022.5	3831.8	1809.0	194.6
40°	7755.1	7694.0	7197.9	6682.7	6407.9	6167.4	6056.8	5434.7	4289.7	2225.0	232.8
42.5°	8205.4	8132.9	7686.4	7182.6	6713.2	6388.8	6281.9	5782.0	4736.3	2641.0	282.4
45°	8705.4	8667.2	8216.9	7835.2	7209.3	6690.3	6549.1	6060.6	5144.6	3137.2	347.3
47.5°	9457.3	9388.6	8968.7	8655.8	7930.7	7148.3	6946.0	6346.8	5537.7	3625.7	446.5
50°	10331.2	10285.4	10037.4	9789.3	9068.0	7930.7	7690.2	6759.0	5976.6	4205.8	576.3
52.5°	11044.9	11037.3	11067.8	11071.6	10525.9	9247.3	8888.6	7423.1	6480.4	4778.2	759.5
55°	11029.6	11064.0	11399.8	11785.3	11827.3	11044.9	10697.6	8541.3	7136.8	5484.3	1015.2
57.5°	10617.5	10590.7	10945.7	11525.8	11934.2	12018.1	11960.9	10277.8	8125.3	6335.4	1408.3
58°	10483.9	10461.0	10796.8	11388.4	11857.8	12083.0	12025.7	10670.9	8346.7	6457.5	1515.1
60°	9999.2	10003.0	10201.5	10739.6	11209.0	11743.3	11796.8	11792.9	9449.6	7274.2	2053.3
62.5°	9358.0	9327.5	9510.7	9949.6	10361.8	10720.5	10812.1	11869.3	11064.0	8312.3	3079.9
65°	8472.6	8426.8	8621.4	9117.6	9560.3	9793.1	9796.9	10846.5	11823.5	9426.7	4545.4
67.5°	6827.7	6789.5	7178.8	7816.2	8499.3	8804.6	8942.0	9411.5	11182.3	10182.4	5385.1
70°	4182.9	4263.0	4805.0	5804.9	6972.7	7533.7	7739.8	7884.9	9522.1	10067.9	4503.5
72.5°	1931.1	1835.7	2297.5	2995.9	4327.9	5575.9	5789.6	6358.3	7549.0	8739.8	3358.5
75°	900.7	866.3	973.2	1309.1	1961.7	3011.2	3400.5	5075.9	5789.6	6079.7	2423.5
77.5°	461.8	465.6	553.4	595.4	809.1	1393.0	1599.1	3339.4	4243.9	3392.9	1625.8
80°	202.3	209.9	213.7	232.8	328.2	538.1	606.8	1549.5	2900.5	1728.9	889.2
82.5°	129.8	133.6	133.6	133.6	156.5	213.7	244.3	622.1	1446.4	858.7	274.8
85°	68.7	68.7	76.3	95.4	110.7	129.8	137.4	198.5	477.1	255.7	64.9
87.5°	38.2	42.0	45.8	57.2	72.5	87.8	95.4	137.4	183.2	175.6	15.3
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: P1047462

CATALOG NUMBER: GALN-SA5B-927-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
2.5°	99.2	95.4	91.6	87.8	84.0	80.1	80.1	80.1	80.1	80.1	80.1
5°	95.4	91.6	87.8	80.1	72.5	68.7	64.9	61.1	61.1	61.1	61.1
7.5°	95.4	91.6	80.1	72.5	64.9	57.2	49.6	49.6	49.6	49.6	49.6
10°	95.4	87.8	76.3	64.9	53.4	45.8	42.0	38.2	38.2	38.2	38.2
12.5°	95.4	84.0	72.5	57.2	45.8	38.2	34.3	30.5	30.5	30.5	30.5
15°	95.4	84.0	68.7	53.4	42.0	30.5	26.7	22.9	22.9	22.9	22.9
17.5°	91.6	80.1	64.9	45.8	34.3	22.9	19.1	15.3	15.3	19.1	19.1
20°	87.8	76.3	57.2	38.2	26.7	19.1	11.4	11.4	11.4	11.4	11.4
22.5°	87.8	76.3	53.4	34.3	22.9	11.4	7.6	7.6	7.6	7.6	11.4
25°	87.8	72.5	45.8	26.7	15.3	7.6	3.8	3.8	3.8	3.8	3.8
27.5°	87.8	72.5	42.0	22.9	11.4	7.6	3.8	0.0	0.0	0.0	0.0
30°	84.0	68.7	38.2	19.1	7.6	3.8	0.0	0.0	0.0	0.0	0.0
32.5°	84.0	64.9	30.5	15.3	7.6	3.8	0.0	0.0	0.0	0.0	0.0
35°	87.8	61.1	26.7	11.4	3.8	0.0	0.0	0.0	0.0	0.0	3.8
37.5°	91.6	57.2	22.9	7.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0
40°	95.4	53.4	22.9	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	103.0	53.4	19.1	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	110.7	53.4	15.3	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	125.9	57.2	15.3	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	137.4	61.1	11.4	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	152.7	57.2	11.4	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	171.7	57.2	11.4	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	187.0	53.4	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	194.6	49.6	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	232.8	45.8	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	362.6	38.2	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	736.6	34.3	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1373.9	30.5	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1538.0	34.3	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	969.4	26.7	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	511.4	26.7	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	255.7	26.7	3.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	118.3	19.1	3.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	49.6	11.4	7.6	3.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0
85°	22.9	11.4	7.6	7.6	3.8	3.8	0.0	0.0	0.0	0.0	0.0
87.5°	11.4	11.4	11.4	7.6	7.6	3.8	3.8	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

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-13

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-927-U-5WQ

Data in this report applies to families of products including GSS-SB1A-927-U-5WQ

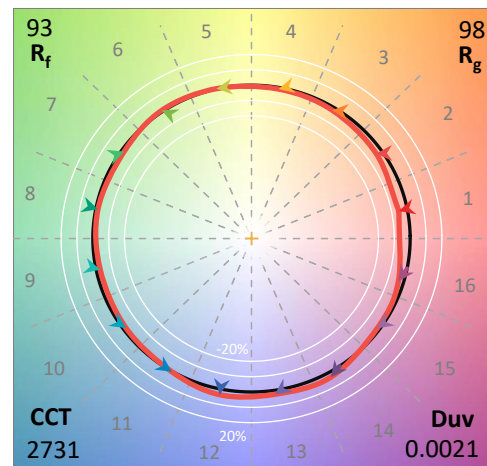
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-13
 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-927-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2731
 CIE u' : 0.2605
 CIE v' : 0.5298
 Duv: 0.0021
 CIE x: 0.4610
 CIE y: 0.4166
 CIE z: 0.1224
 Peak Wavelength (nm): 622
 Dominant Wavelength (nm): 583
 Purity: 63.43685
 R_f: 92.6
 R_g: 98

CRI (Ra): 91.8
 R1: 91.4
 R2: 95.1
 R3: 97.6
 R4: 92.3
 R5: 91.1
 R6: 94.7
 R7: 92.3
 R8: 80.0
 R9: 54.7
 R10: 87.7
 R11: 92.9
 R12: 84.0
 R13: 92.2
 R14: 97.8
 R15: 86.8



Test Conditions

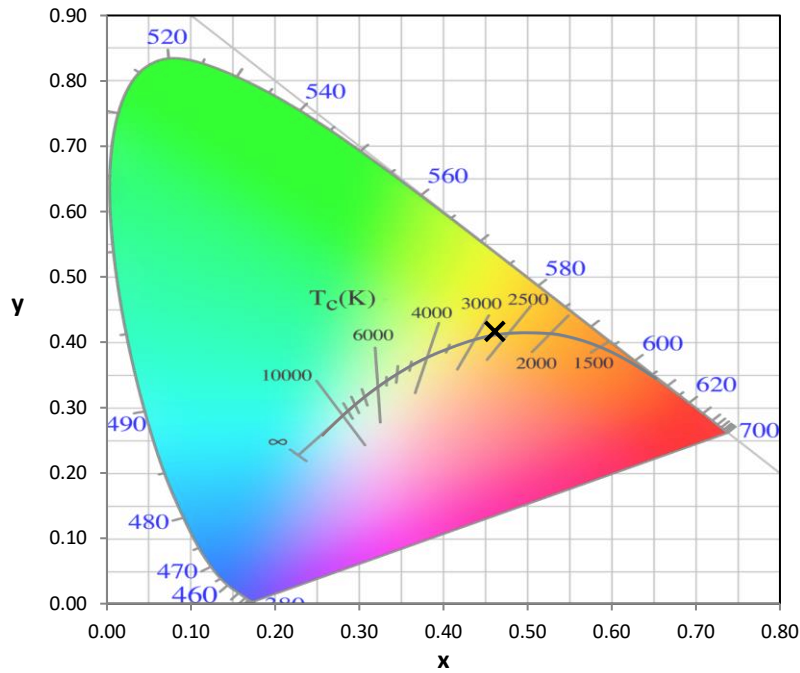
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

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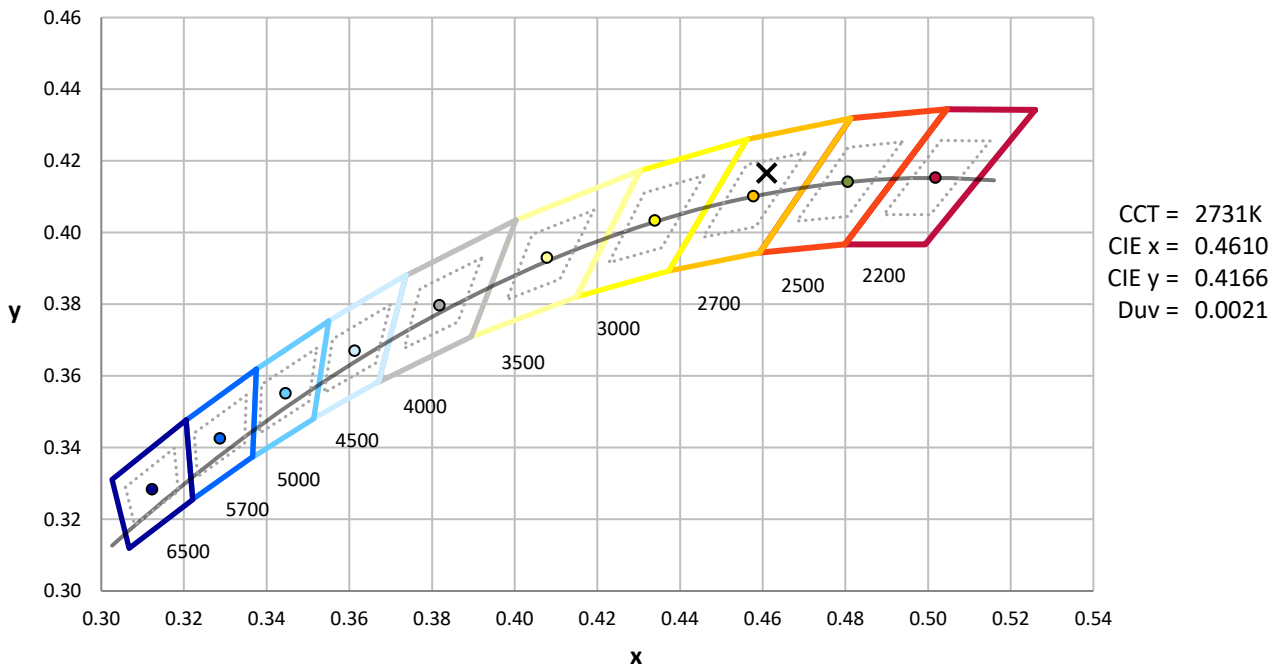
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram

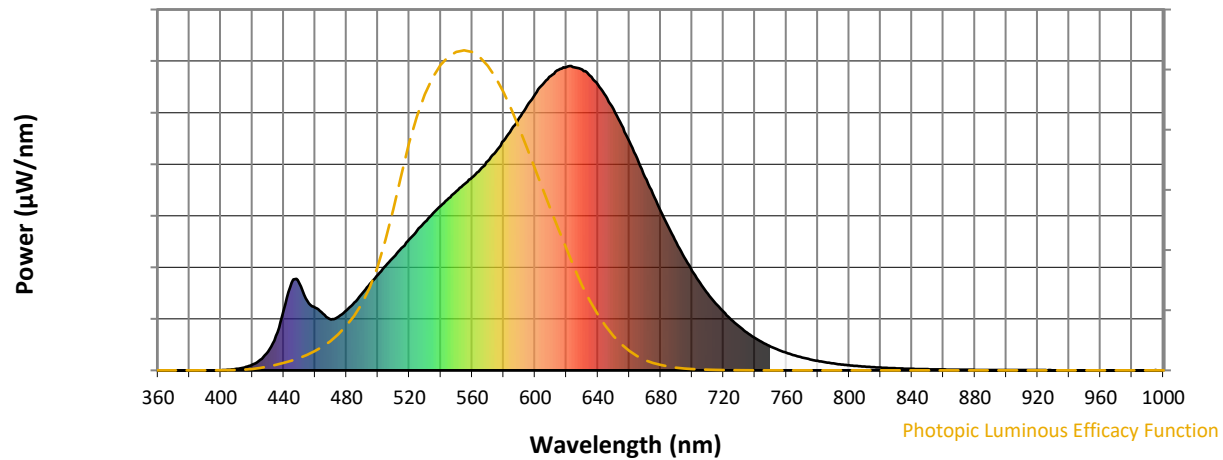


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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Photopic Flux vs. Wavelength

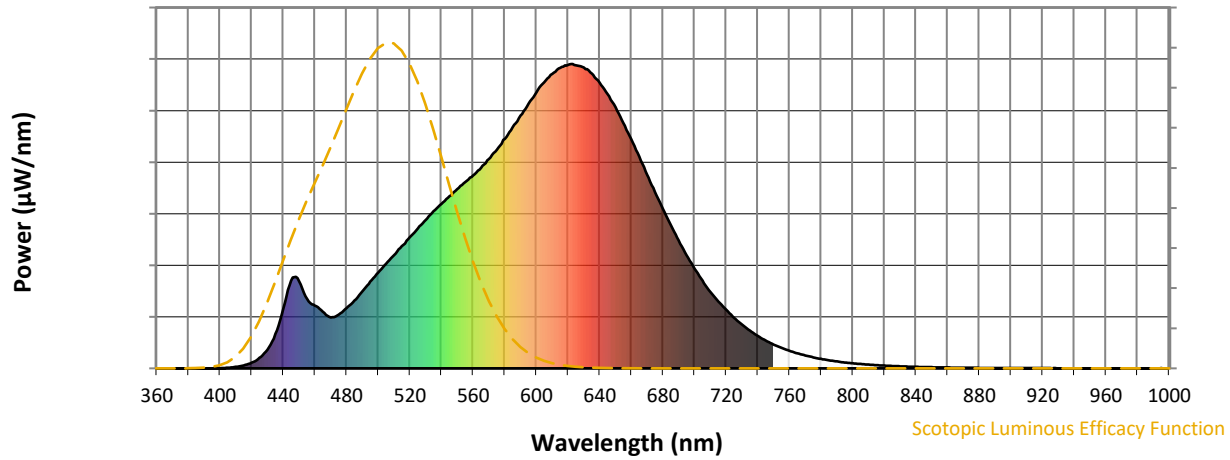


Photopic Lumens: NR

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



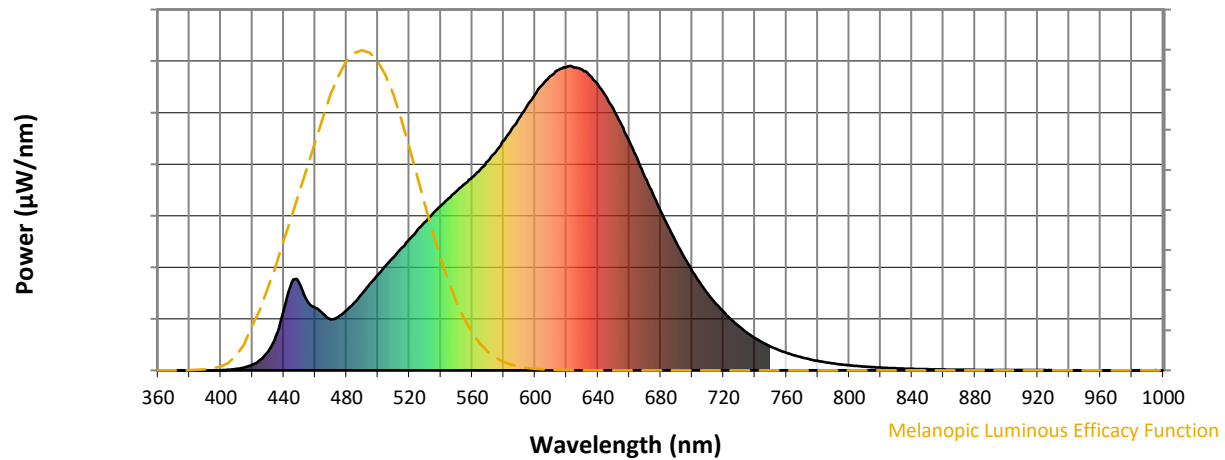
Scotopic Lumens: NR

S/P: 1.27

λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)
360	0	NR	490	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

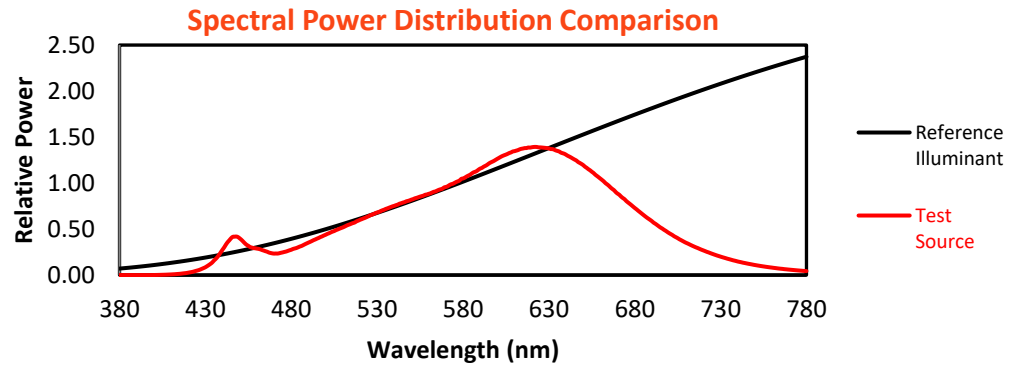
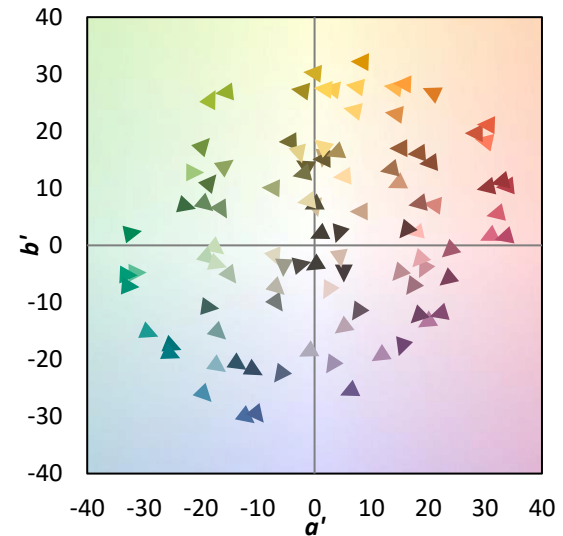
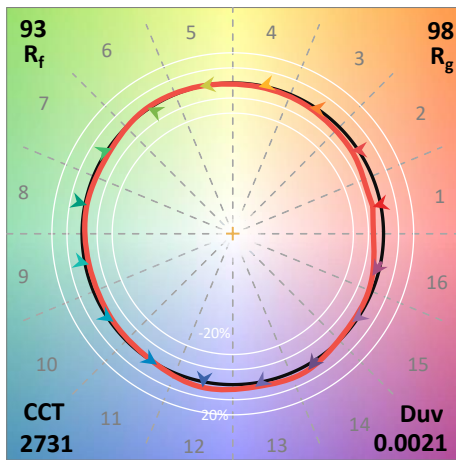
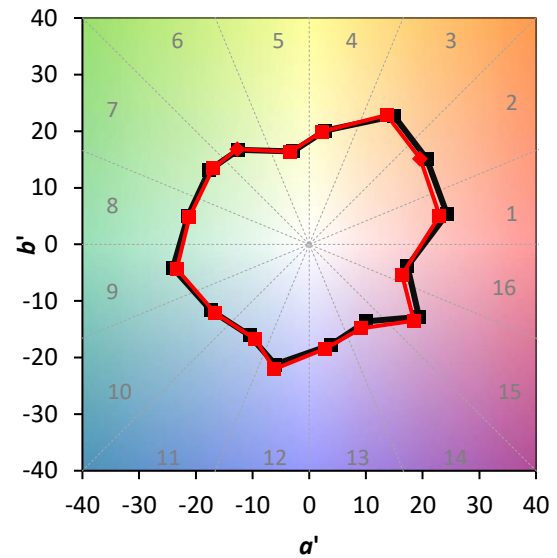
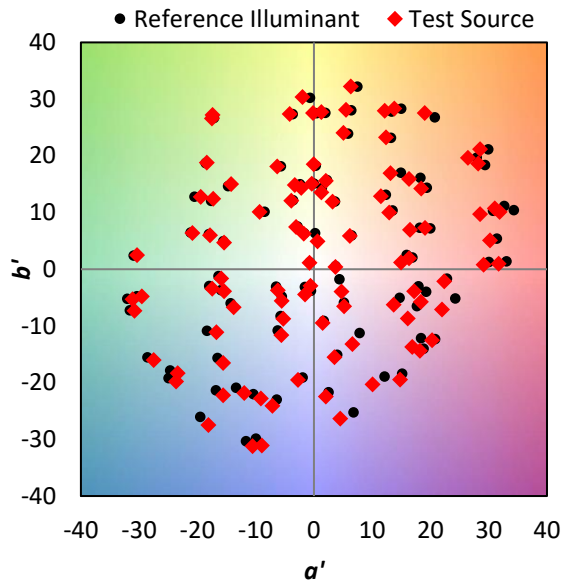
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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.38

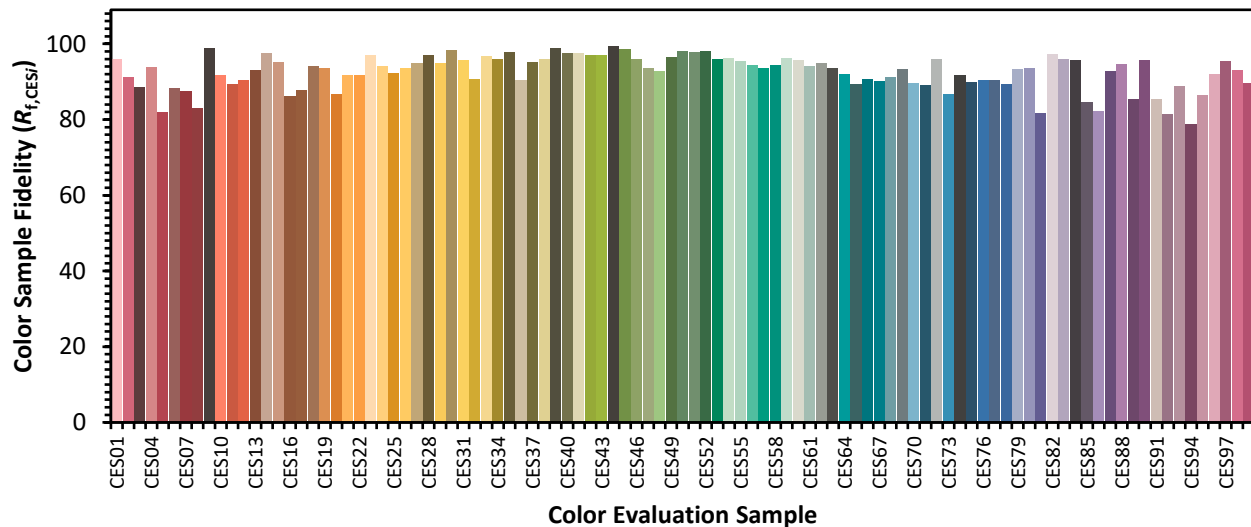
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

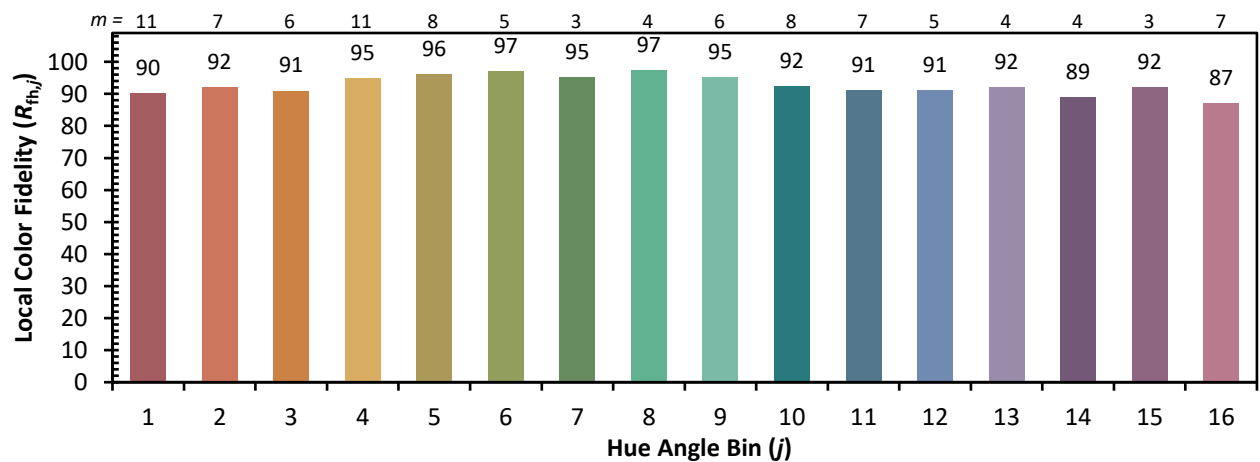
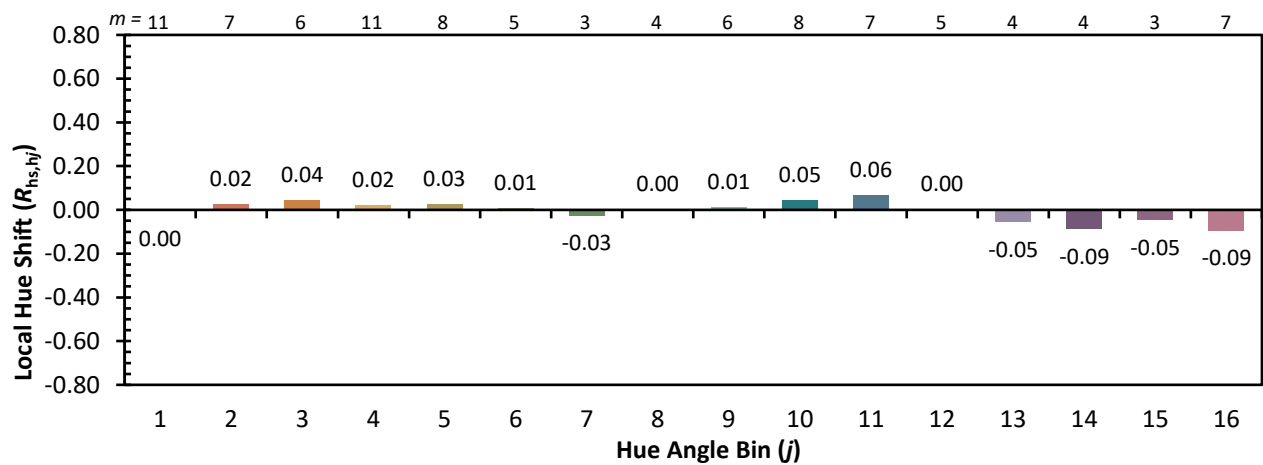
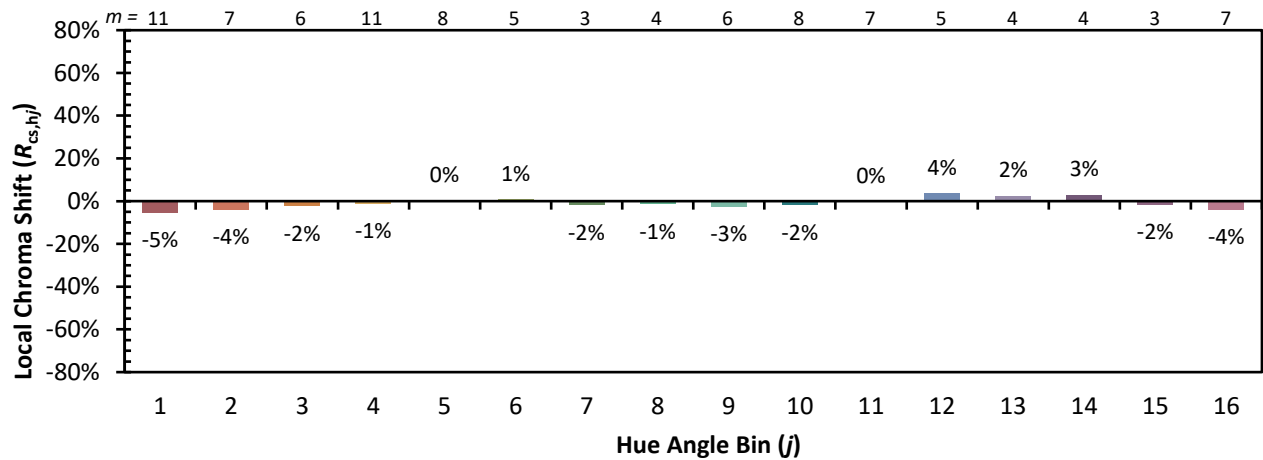
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TM-30-18
Summary
 $R_f = 92.6$
 $R_g = 98$
 $CIE\ R_a = 91.8$
 $R_9 = 54.7$

Color Vector Graphics


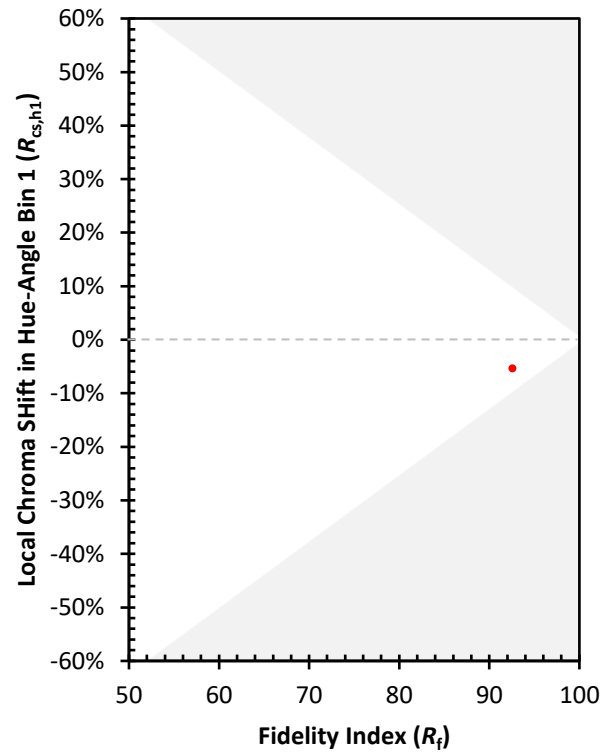
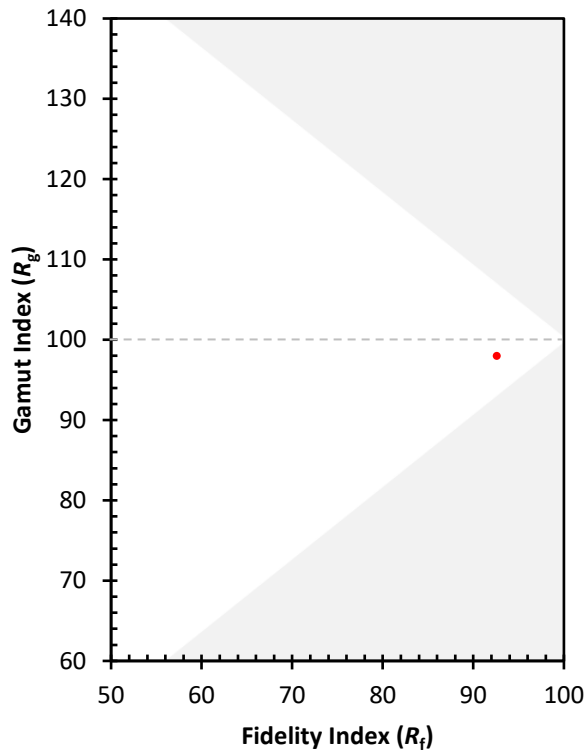
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 64	CES27 = 95	CES52 = 98	CES77 = 90
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 89
CES04 = 71	CES29 = 95	CES54 = 96	CES79 = 93
CES05 = 51	CES30 = 98	CES55 = 95	CES80 = 94
CES06 = 52	CES31 = 96	CES56 = 94	CES81 = 82
CES07 = 44	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 43	CES33 = 97	CES58 = 94	CES83 = 96
CES09 = 29	CES34 = 96	CES59 = 96	CES84 = 96
CES10 = 77	CES35 = 98	CES60 = 96	CES85 = 85
CES11 = 59	CES36 = 90	CES61 = 94	CES86 = 82
CES12 = 66	CES37 = 95	CES62 = 95	CES87 = 93
CES13 = 44	CES38 = 96	CES63 = 94	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 85
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 91	CES91 = 85
CES17 = 50	CES42 = 97	CES67 = 90	CES92 = 82
CES18 = 57	CES43 = 97	CES68 = 91	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 93	CES94 = 79
CES20 = 68	CES45 = 99	CES70 = 90	CES95 = 87
CES21 = 87	CES46 = 96	CES71 = 89	CES96 = 92
CES22 = 79	CES47 = 94	CES72 = 96	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 87	CES98 = 93
CES24 = 91	CES49 = 96	CES74 = 92	CES99 = 90
CES25 = 72	CES50 = 98	CES75 = 90	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)