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: P1048261

Luminaire Tested: **GALN-SA7A-740-U-T4BC**

Issue Date: 07/10/2025

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:	P1048261
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA7A-740-U-T4BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 7xLight Square PACKAGE 70CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(98) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	25242 lumens
Efficiency:	N/A
Efficacy:	130.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B0 - U0 - G5

Input Watts (W):	193.1
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: P1048261
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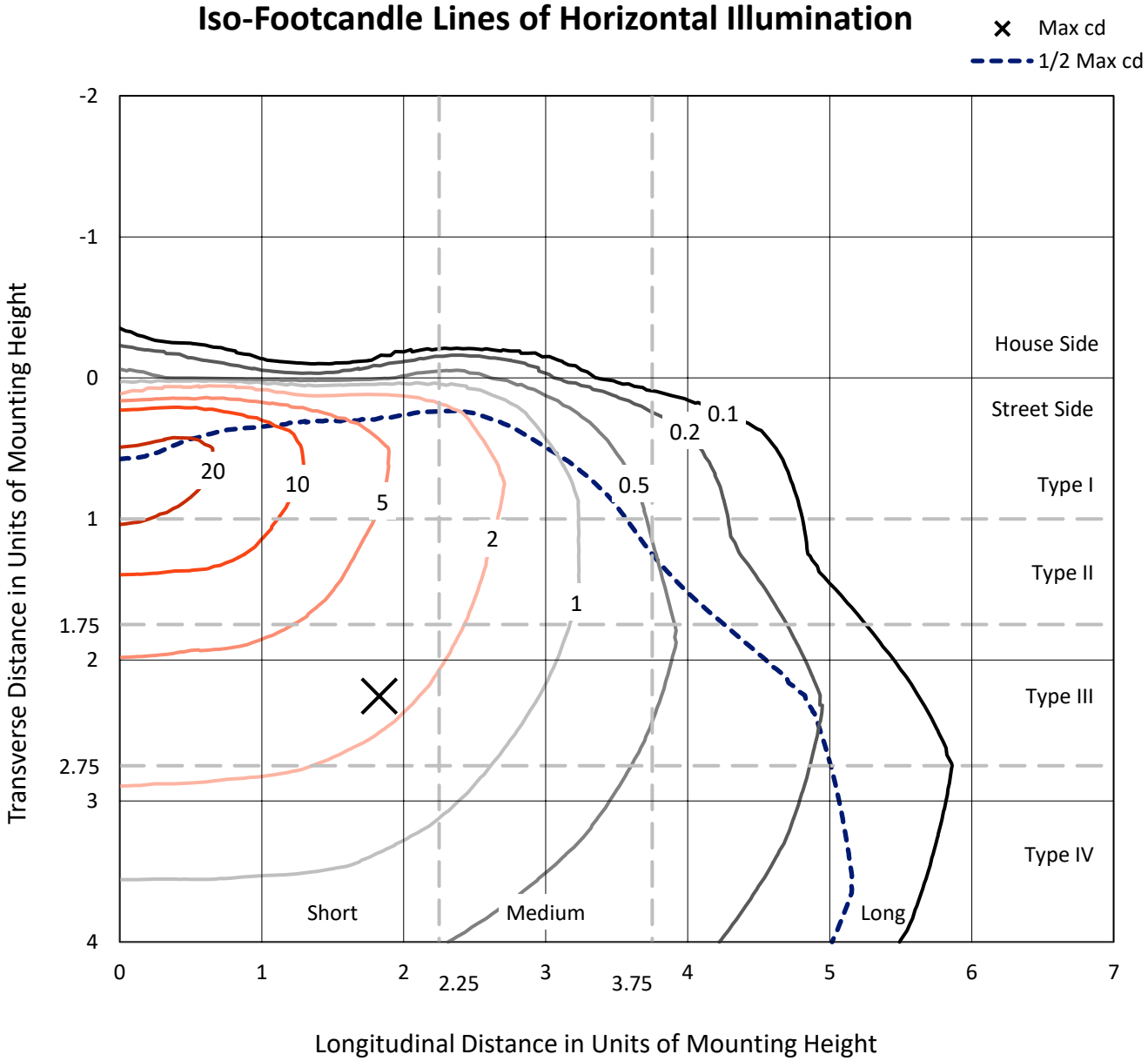
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 26 fc
Type IV - Short - N/A

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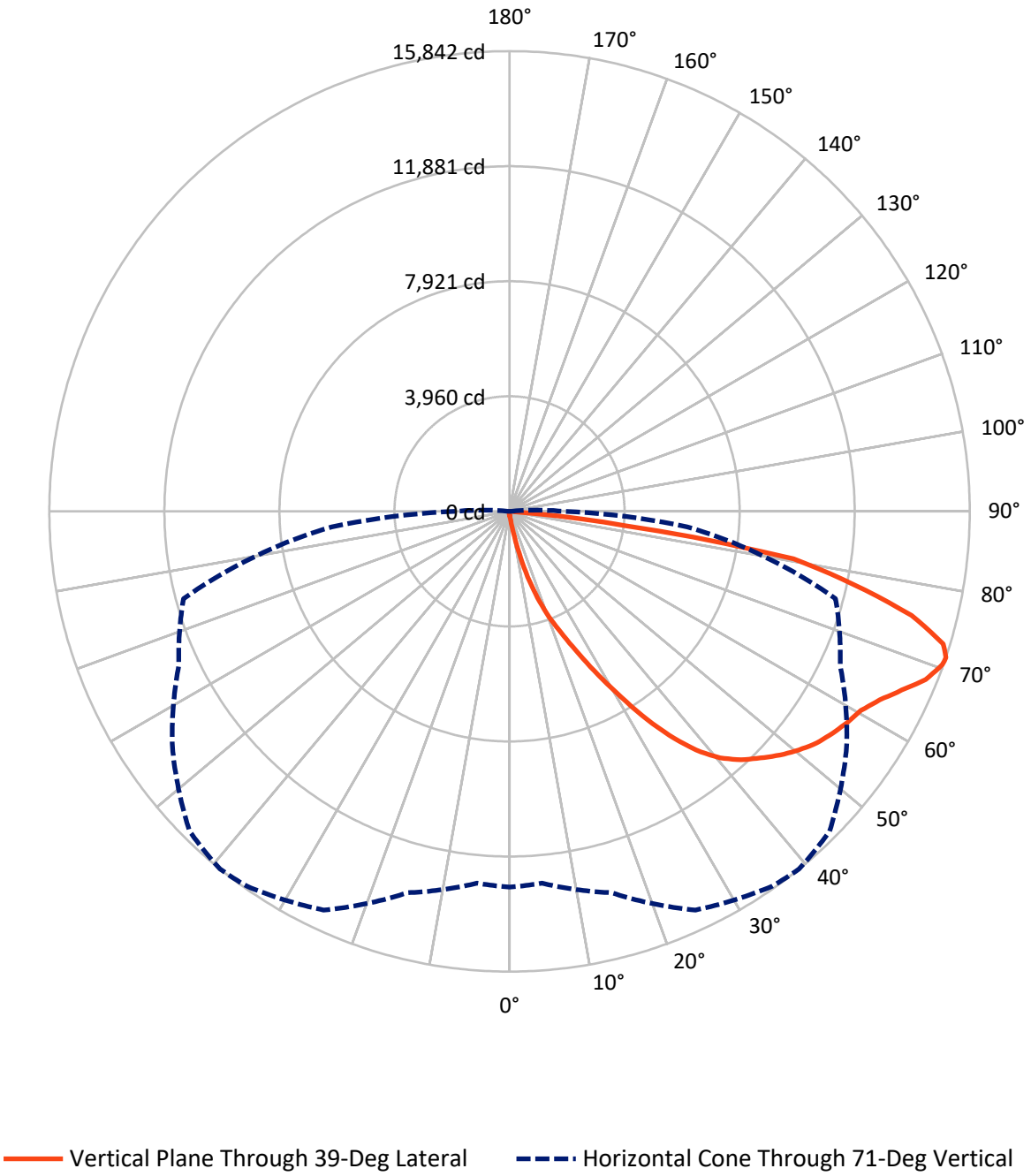
Luminous Intensity Polar Plot



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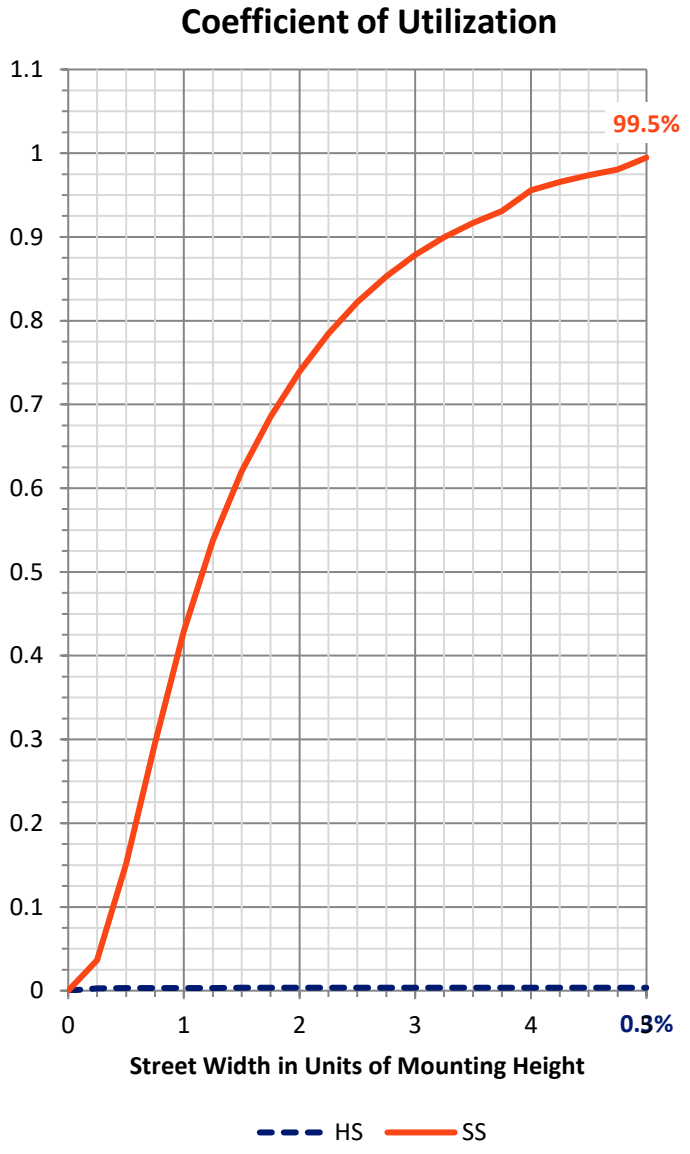
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	89.7	0.0	89.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	25152.3	0.0	25152.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	25242.0	0.0	25242.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.1	0.1
10°-20°	269.8	1.1
20°-30°	960.8	3.8
30°-40°	2315.6	9.2
40°-50°	3875.3	15.4
50°-60°	4977.3	19.7
60°-70°	6298.8	25.0
70°-80°	5615.6	22.2
80°-90°	907.7	3.6
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°	25242.0	100.0
0°-180°	25242.0	100.0



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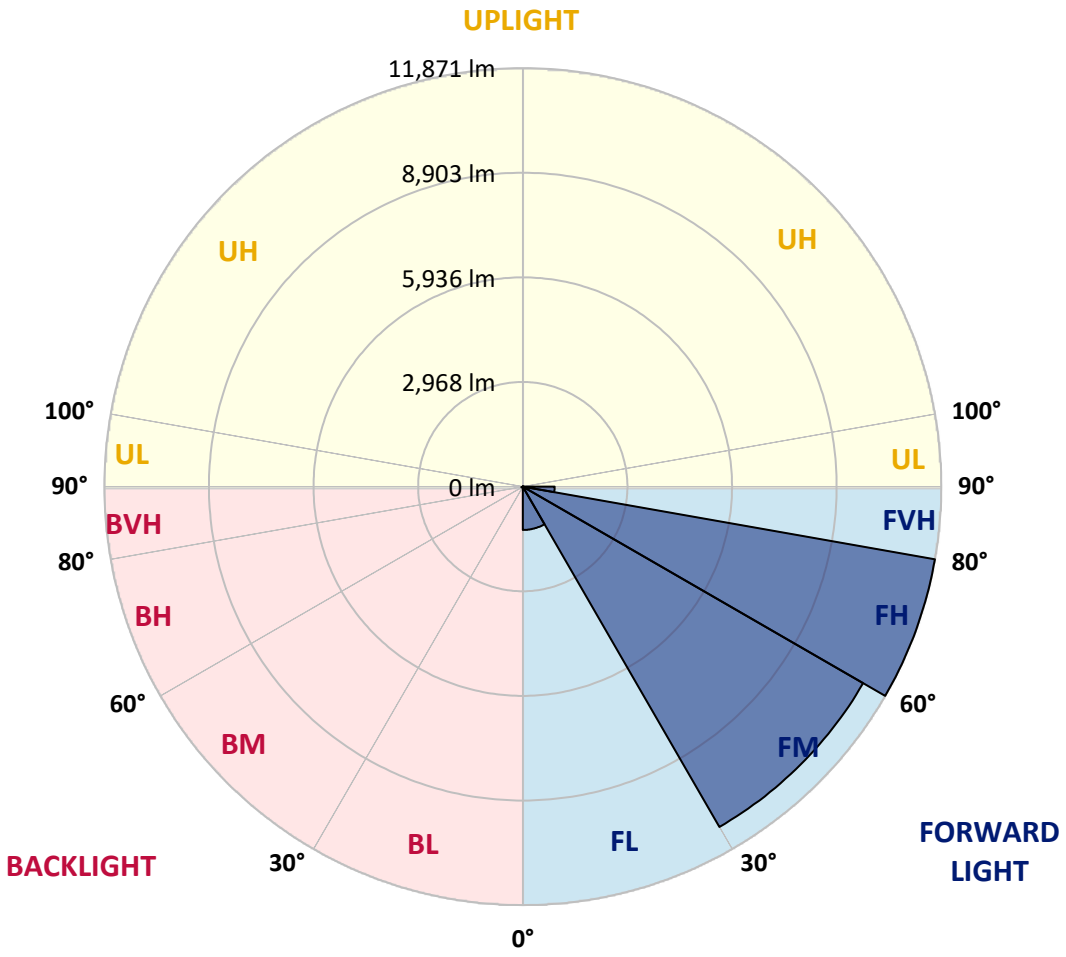
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1230.0	4.9			
FM	(30°-60°)	11147.4	44.2			
FH	(60°-80°)	11871.3	47.0			G4/12000
FVH	(80°-90°)	903.6	3.6			G5
BL	(0°-30°)	21.7	0.1	B0/110		
BM	(30°-60°)	20.8	0.1	B0/220		
BH	(60°-80°)	43.1	0.2	B0/110		G0/110
BVH	(80°-90°)	4.1	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-G5
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	138.4	138.4	138.4	138.4	138.4	*138.4*	138.4	138.4	138.4	138.4	138.4
2.5°	158.9	158.9	158.9	153.8	153.8	*152.1*	150.4	150.4	147.0	145.2	141.8
5°	240.9	235.8	223.8	217.0	203.3	*194.8*	186.3	174.3	162.3	153.8	143.5
7.5°	545.1	557.1	517.8	444.3	369.1	*336.6*	281.9	227.3	188.0	162.3	145.2
10°	1389.2	1382.4	1249.1	1102.1	851.0	*750.1*	587.8	370.8	242.6	177.7	147.0
12.5°	2363.2	2356.4	2199.2	1999.2	1667.7	*1457.6*	1150.0	692.0	348.6	201.6	147.0
15°	3181.7	3154.3	3104.8	2906.6	2518.7	*2342.7*	1936.0	1223.5	563.9	242.6	150.4
17.5°	3723.4	3699.4	3653.3	3581.5	3335.5	*3127.0*	2800.6	1922.3	912.5	314.4	157.2
20°	4220.6	4203.5	4165.9	4152.3	3993.3	*3882.3*	3612.3	2725.5	1421.7	427.2	167.5
22.5°	4904.1	4868.2	4883.6	4801.6	4646.1	*4512.8*	4347.1	3566.2	2043.7	615.1	186.3
25°	5741.4	5724.3	5681.6	5623.5	5408.2	*5292.0*	5037.4	4359.0	2739.1	861.2	206.8
27.5°	6753.0	6734.2	6723.9	6590.6	6342.9	*6216.4*	5861.0	5107.4	3521.7	1206.4	234.1
30°	7918.3	7926.9	7860.2	7689.4	7400.6	*7222.9*	6857.2	5891.8	4323.1	1611.3	263.1
32.5°	9124.7	9107.6	9005.1	8803.5	8545.4	*8379.7*	7914.9	6751.3	5163.8	2146.2	297.3
35°	10425.1	10392.6	10122.6	9891.9	9671.5	*9463.0*	9039.3	7749.2	6004.5	2746.0	343.5
37.5°	11737.4	11585.3	11043.6	10751.4	10599.4	*10428.5*	10033.8	8813.7	6840.1	3415.8	399.8
40°	12728.5	12610.5	11968.1	11429.8	11308.5	*11163.2*	10869.3	9733.0	7728.7	4135.2	468.2
42.5°	13277.0	13212.0	12634.5	12103.1	11817.7	*11689.5*	11438.3	10536.1	8607.0	4929.7	567.3
45°	13511.1	13410.2	13024.1	12776.3	12321.8	*12109.9*	11810.9	11142.7	9524.6	5832.0	705.7
47.5°	13439.3	13381.2	13104.4	13194.9	12865.2	*12535.4*	12096.2	11607.5	10308.9	6867.5	895.4
50°	12988.2	12938.6	12853.2	13343.6	13302.6	*12913.0*	12465.3	11974.9	10949.6	7935.4	1189.3
52.5°	12130.4	12109.9	12328.6	13227.4	13550.4	*13246.2*	12820.7	12299.6	11547.7	9051.2	1609.6
55°	11024.8	11108.6	11734.0	13046.3	13676.8	*13492.3*	13135.1	12603.7	12027.9	10049.1	2229.9
57.5°	10570.3	10592.5	11373.4	12918.1	13733.2	*13709.3*	13441.0	12894.2	12468.7	10847.1	3176.6
60°	11101.7	11067.6	11479.4	13015.5	13846.0	*13904.1*	13712.7	13164.2	12851.5	11532.3	4437.6
62.5°	12062.0	12043.2	12174.8	13430.7	14175.8	*14293.7*	14090.3	13359.0	13189.8	11983.4	5876.4
65°	12919.8	12880.5	13124.9	14167.2	14755.0	*14838.8*	14661.0	13692.2	13338.5	12311.5	7228.0
67.5°	13290.6	13282.1	13675.1	14867.8	15363.3	*15453.9*	15298.4	14151.8	13304.3	12415.8	7824.3
70°	13121.5	13089.0	13717.8	15165.1	15706.8	*15809.3*	15659.0	14322.7	12933.5	12086.0	6940.9
71°	*12935.2*	*12848.1*	*13589.7*	*15144.6*	*15754.6*	*15841.8*	*15578.6*	*14167.2*	*12561.0*	*11617.8*	*6139.5*
72.5°	12357.7	12373.0	13237.7	14931.0	15640.2	*15614.5*	15124.1	13610.2	12111.6	10554.9	4931.4
75°	10936.0	11026.5	12097.9	14033.9	14618.3	*14292.0*	13541.8	12545.6	11209.4	7568.0	3424.3
77.5°	8936.7	9071.7	10249.1	12308.1	12142.4	*12109.9*	12079.1	11053.9	9572.4	4065.1	2382.0
80°	4266.7	4558.9	6182.2	8786.4	9545.1	*9912.4*	9681.8	8907.7	7402.3	1936.0	1423.4
82.5°	278.5	275.1	389.6	738.2	3111.6	*4022.4*	6390.7	6366.8	5160.4	943.2	581.0
85°	131.6	135.0	148.7	169.2	196.5	*215.3*	297.3	1742.9	2469.1	449.4	126.4
87.5°	76.9	78.6	92.3	117.9	153.8	*170.9*	203.3	261.4	321.2	247.8	27.3
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: GALN-SA7A-740-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	138.4	138.4	138.4	138.4	138.4	138.4	138.4	138.4	138.4	138.4	138.4
2.5°	140.1	138.4	133.3	128.2	123.0	119.6	117.9	119.6	119.6	121.3	121.3
5°	140.1	135.0	126.4	116.2	109.4	102.5	99.1	97.4	99.1	99.1	99.1
7.5°	138.4	129.9	117.9	105.9	97.4	88.9	85.4	83.7	83.7	85.4	85.4
10°	135.0	126.4	111.1	97.4	87.1	76.9	71.8	66.6	66.6	66.6	68.3
12.5°	133.3	121.3	102.5	88.9	75.2	63.2	53.0	47.8	49.6	49.6	49.6
15°	129.9	116.2	97.4	80.3	63.2	47.8	39.3	34.2	35.9	37.6	35.9
17.5°	129.9	114.5	90.6	70.1	49.6	35.9	29.0	25.6	25.6	27.3	27.3
20°	129.9	111.1	85.4	59.8	37.6	27.3	20.5	18.8	18.8	22.2	23.9
22.5°	133.3	111.1	78.6	49.6	30.8	20.5	15.4	13.7	15.4	18.8	20.5
25°	138.4	109.4	71.8	44.4	25.6	15.4	12.0	8.5	10.3	13.7	15.4
27.5°	143.5	107.7	64.9	39.3	20.5	12.0	8.5	6.8	5.1	6.8	6.8
30°	148.7	107.7	58.1	32.5	17.1	8.5	5.1	3.4	1.7	0.0	0.0
32.5°	152.1	104.2	53.0	25.6	13.7	6.8	3.4	1.7	0.0	0.0	0.0
35°	155.5	100.8	46.1	20.5	10.3	5.1	1.7	0.0	0.0	0.0	0.0
37.5°	158.9	95.7	39.3	17.1	8.5	3.4	0.0	0.0	0.0	0.0	0.0
40°	162.3	88.9	32.5	15.4	5.1	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	165.7	83.7	27.3	12.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0
45°	174.3	80.3	22.2	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	189.7	76.9	20.5	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	211.9	73.5	18.8	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	242.6	71.8	17.1	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	297.3	70.1	15.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	391.3	68.3	15.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	599.8	64.9	15.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1071.4	63.2	13.7	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1867.7	64.9	13.7	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2677.6	68.3	12.0	5.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0
70°	2291.4	59.8	12.0	6.8	3.4	1.7	0.0	0.0	0.0	0.0	0.0
71°	*1867.7*	*53.0*	*12.0*	*6.8*	*3.4*	*1.7*	*1.7*	*0.0*	*0.0*	*0.0*	*0.0*
72.5°	1201.2	41.0	10.3	6.8	3.4	3.4	1.7	0.0	0.0	0.0	0.0
75°	507.5	34.2	10.3	6.8	5.1	3.4	3.4	1.7	0.0	0.0	0.0
77.5°	217.0	25.6	10.3	8.5	6.8	5.1	5.1	3.4	1.7	0.0	0.0
80°	82.0	20.5	12.0	10.3	8.5	8.5	6.8	3.4	1.7	0.0	0.0
82.5°	37.6	17.1	12.0	10.3	10.3	8.5	6.8	5.1	3.4	0.0	0.0
85°	23.9	15.4	12.0	10.3	10.3	8.5	8.5	5.1	3.4	0.0	0.0
87.5°	18.8	15.4	12.0	12.0	10.3	10.3	6.8	5.1	1.7	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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

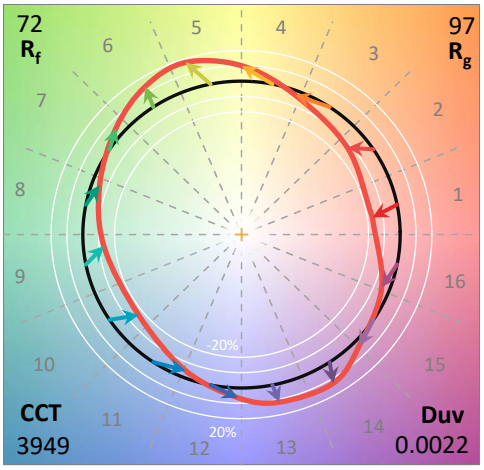
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-1
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-740-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949
CIE u':	0.2248
CIE v':	0.5053
Duv:	0.0022
CIE x:	0.3844
CIE y:	0.3840
CIE z:	0.2316
Peak Wavelength (nm):	440
Dominant Wavelength (nm):	578
Purity:	30.60026
Rf:	71.8
Rg:	96.5

CRI (Ra):	70.7
R1:	68.0
R2:	76.0
R3:	84.3
R4:	72.0
R5:	68.6
R6:	68.3
R7:	77.9
R8:	50.3
R9:	-36.7
R10:	45.1
R11:	70.7
R12:	47.1
R13:	68.5
R14:	91.1
R15:	58.7



Test Conditions

Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

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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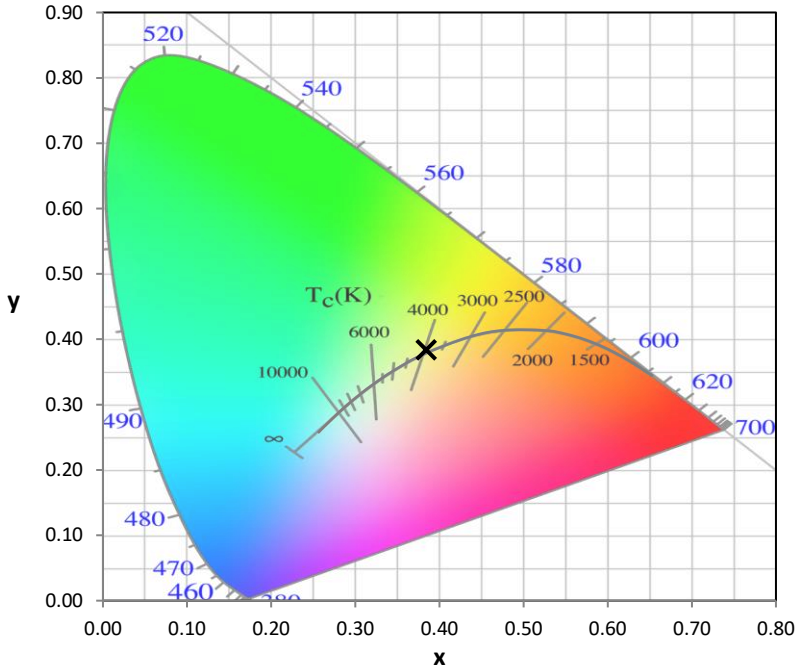
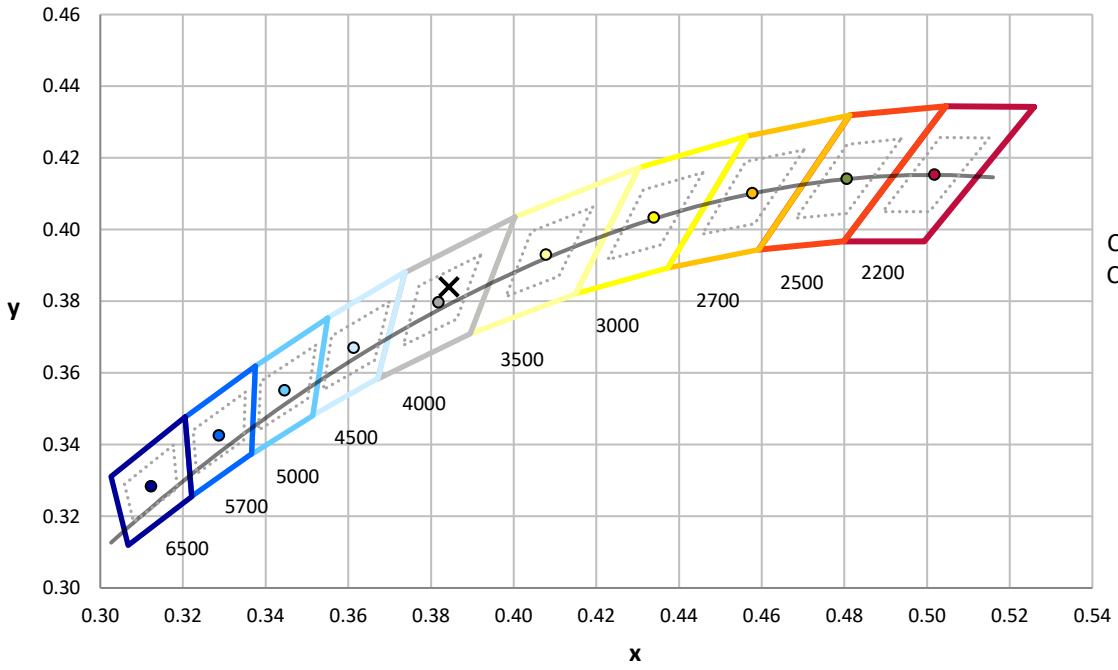
CIE 1931 Chromaticity Diagram



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

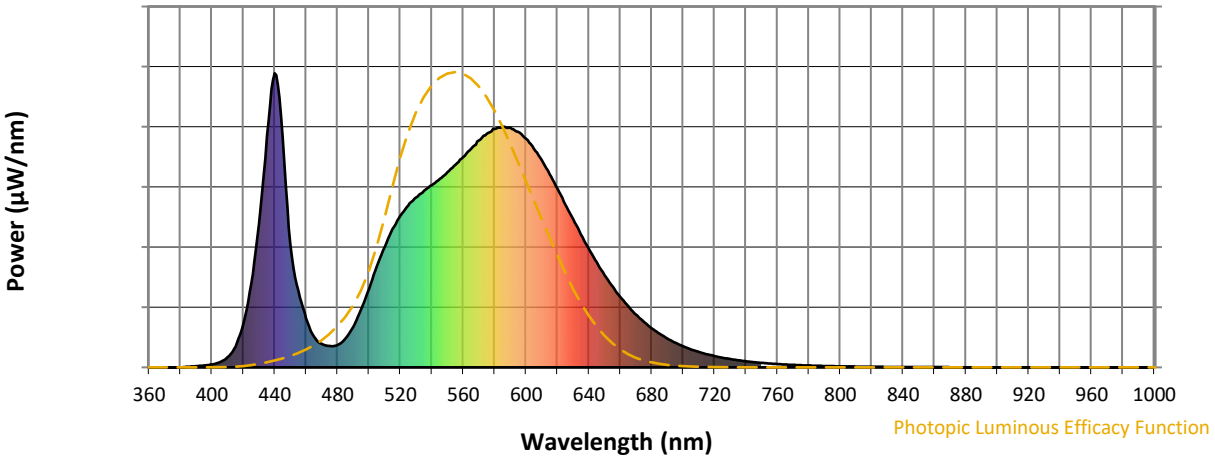


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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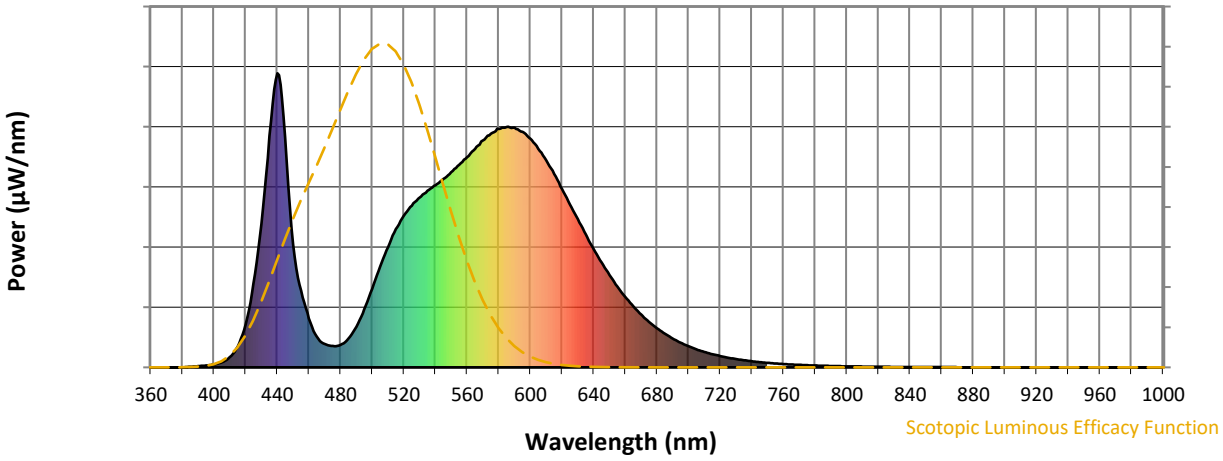
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.47**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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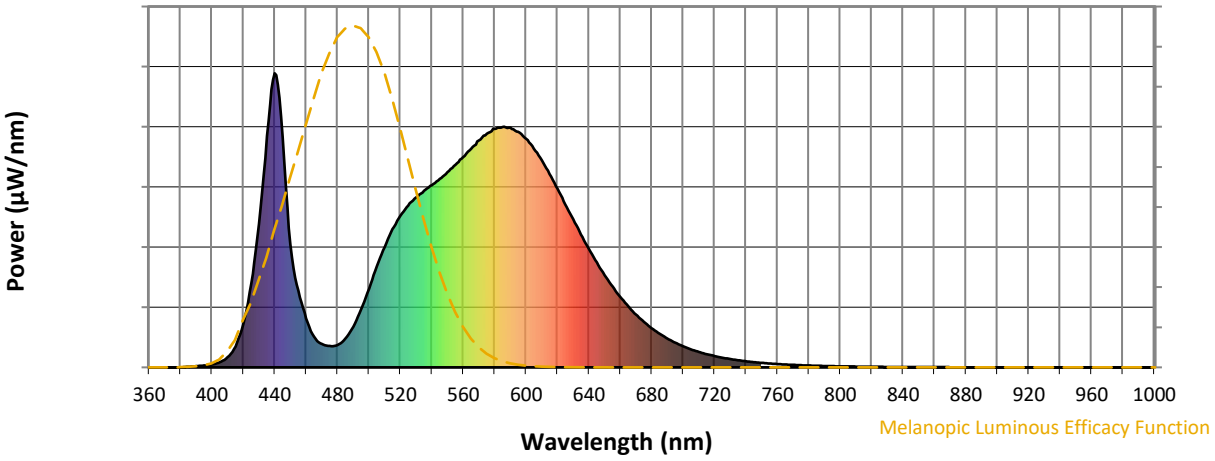
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.78**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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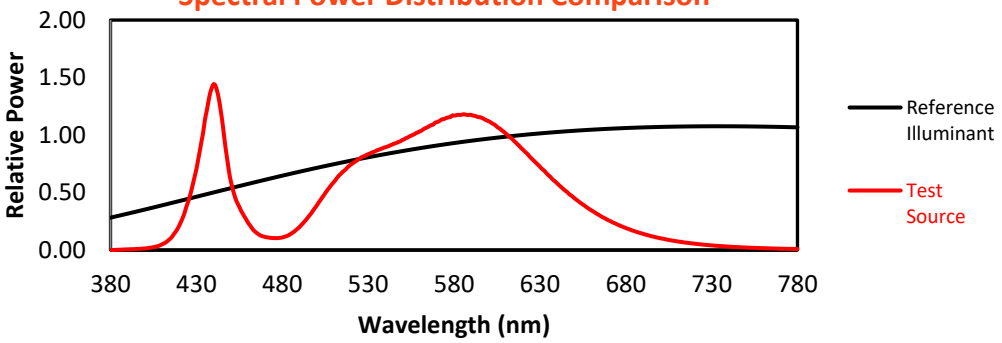
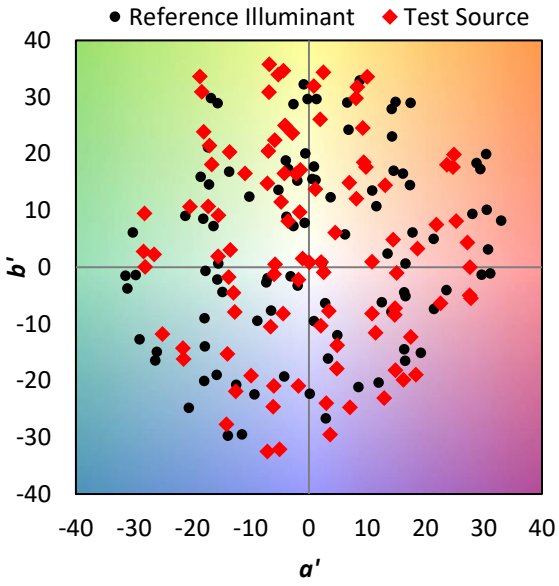
Summary

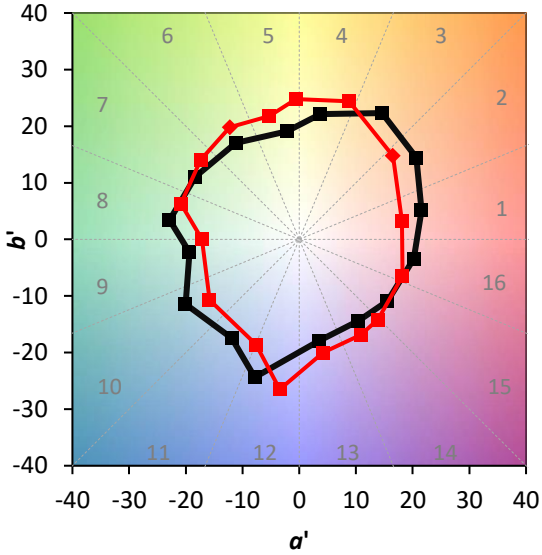
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

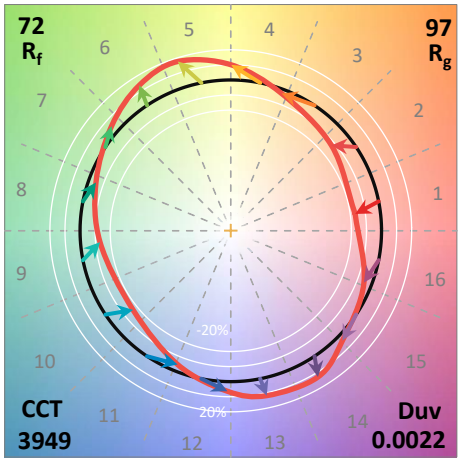
Spectral Power Distribution Comparison

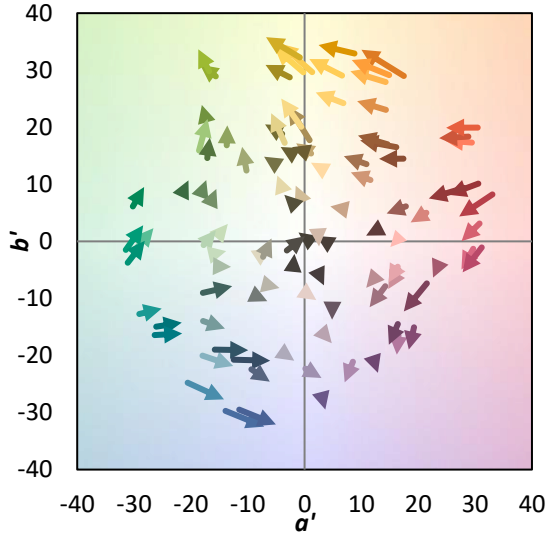


Color Vector Graphics









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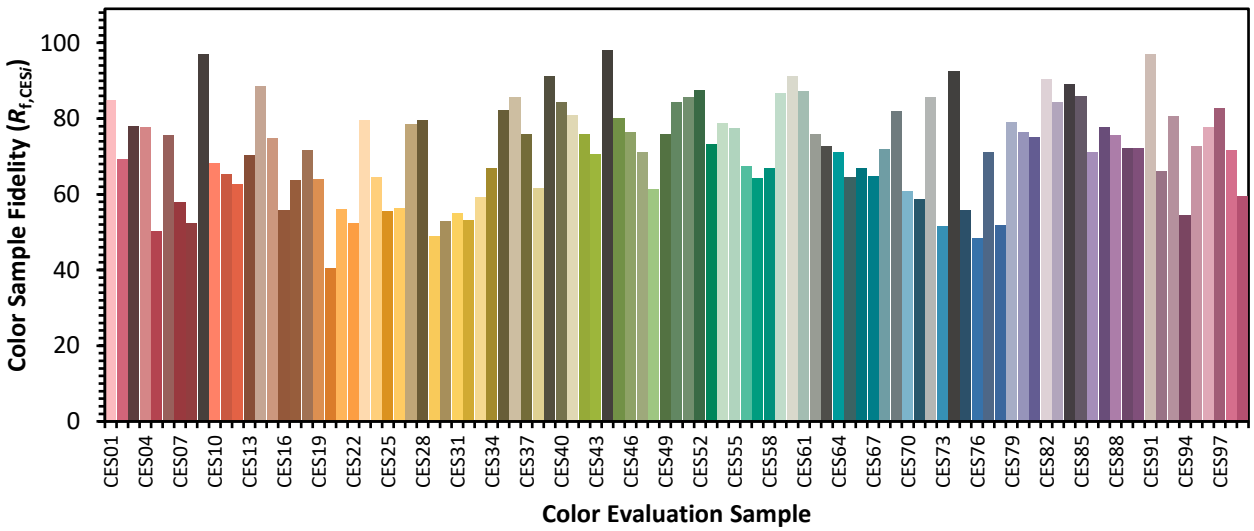
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



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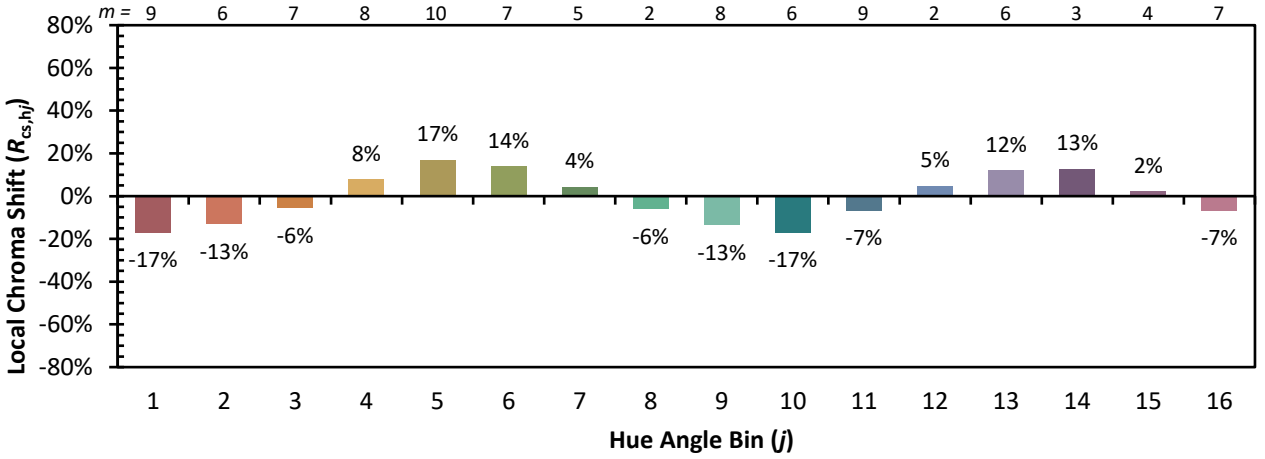
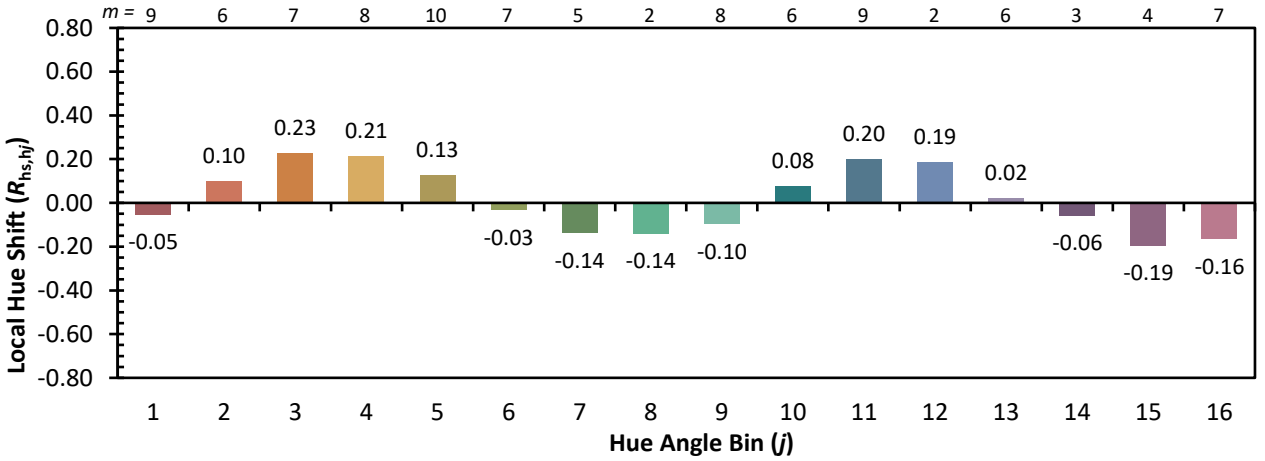
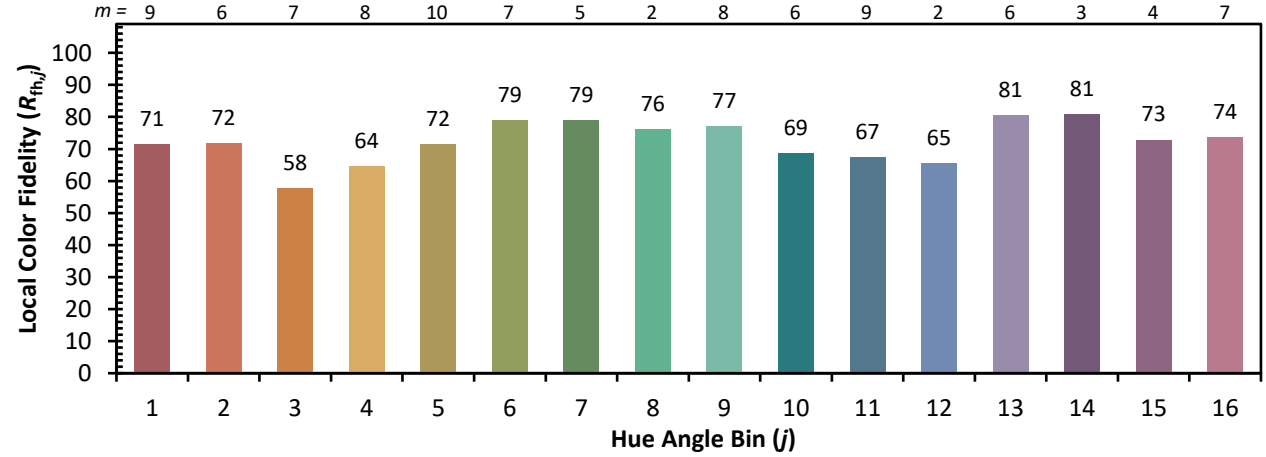
Color Rendition by Hue-Angle Bin







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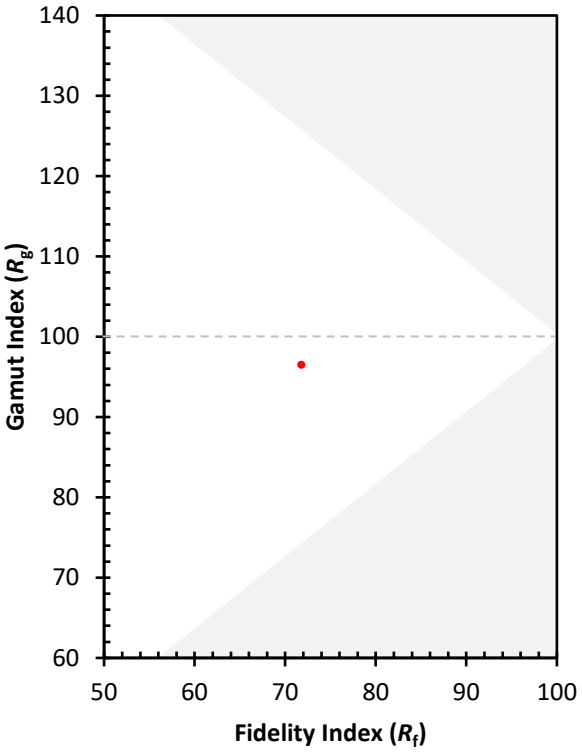
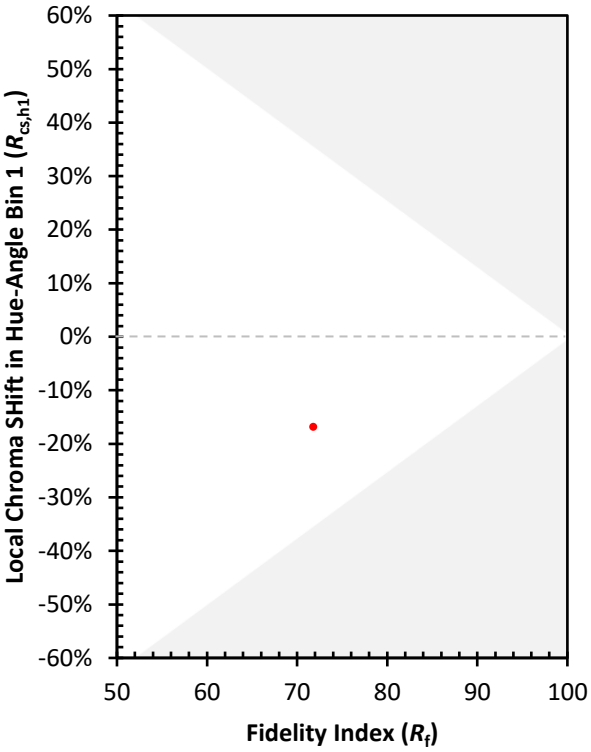
Measure Comparisons





(END OF REPORT)