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: P323380

Luminaire Tested: **GLEON-SA6D-830-U-SL2-HSS**

Issue Date: 3/3/2020

Report Generated By E0585644

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:	P323380
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-21)
Test Lab:	INNOVATION CENTER
Issue Date:	3/3/2020
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GLEON-SA6D-830-U-SL2-HSS
Description:	GALLEON AREA AND ROADWAY LUMINAIRE
	(6) 80 CRI, 3000K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE II
	SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	30544 lumens
Efficiency:	N/A
Efficacy:	80.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B3 - U0 - G4

Input Watts (W):	382
Input Voltage (V):	NR
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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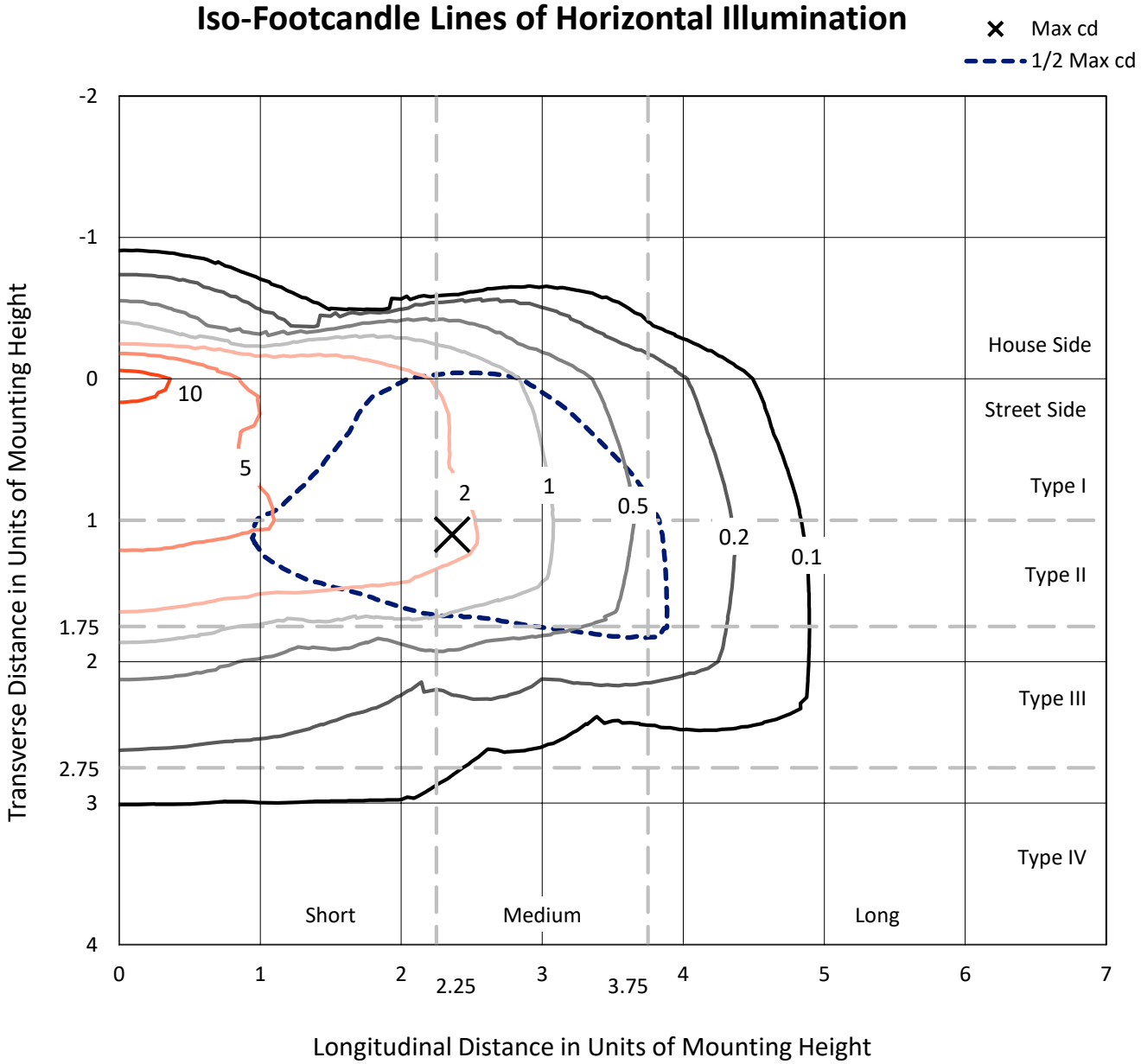
Scaled Data Report

REPORT NUMBER: P323380
CATALOG NUMBER: GLEON-SA6D-830-U-SL2-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 12.3 fc
Type III - Medium - N/A

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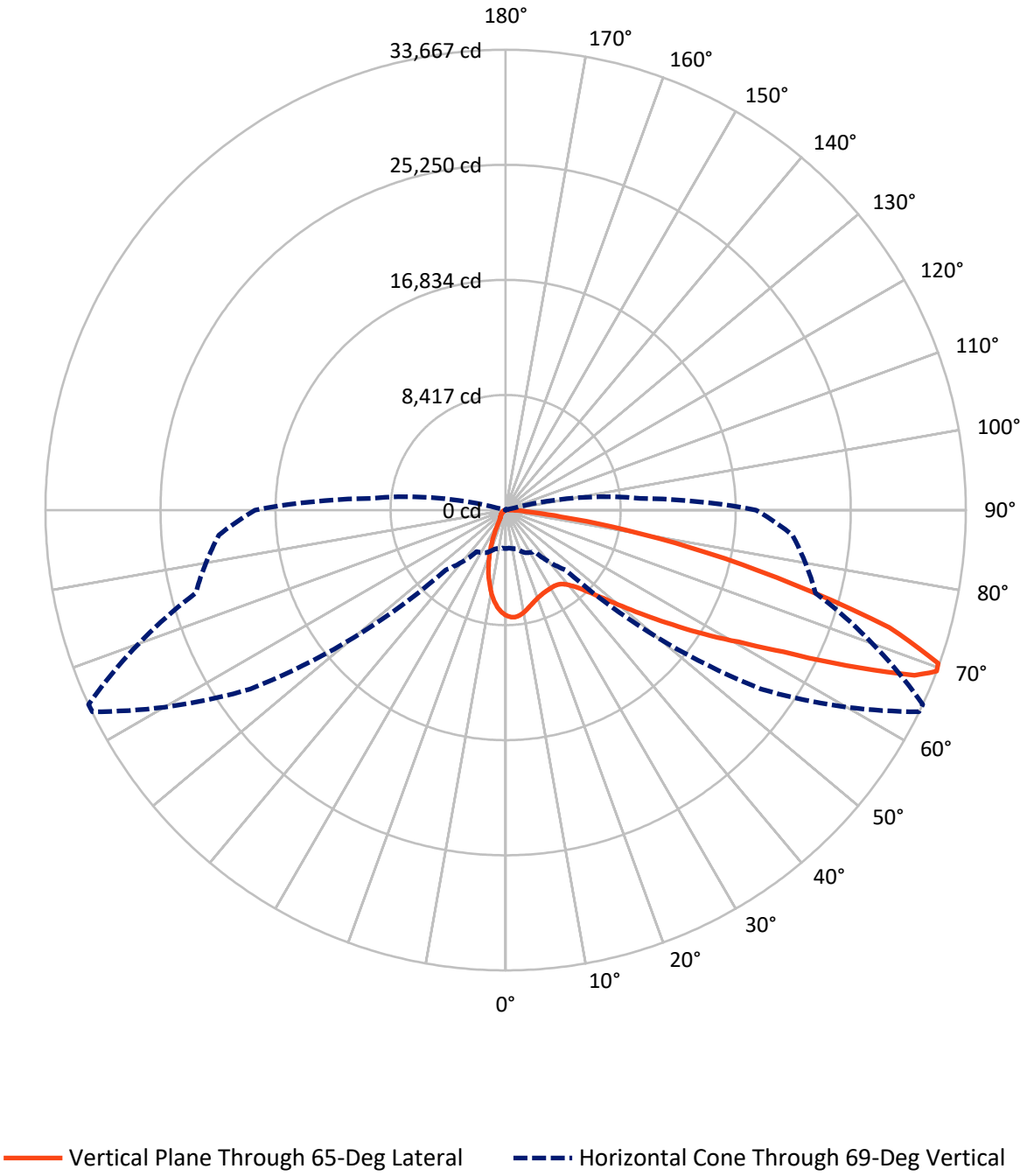
Luminous Intensity Polar Plot



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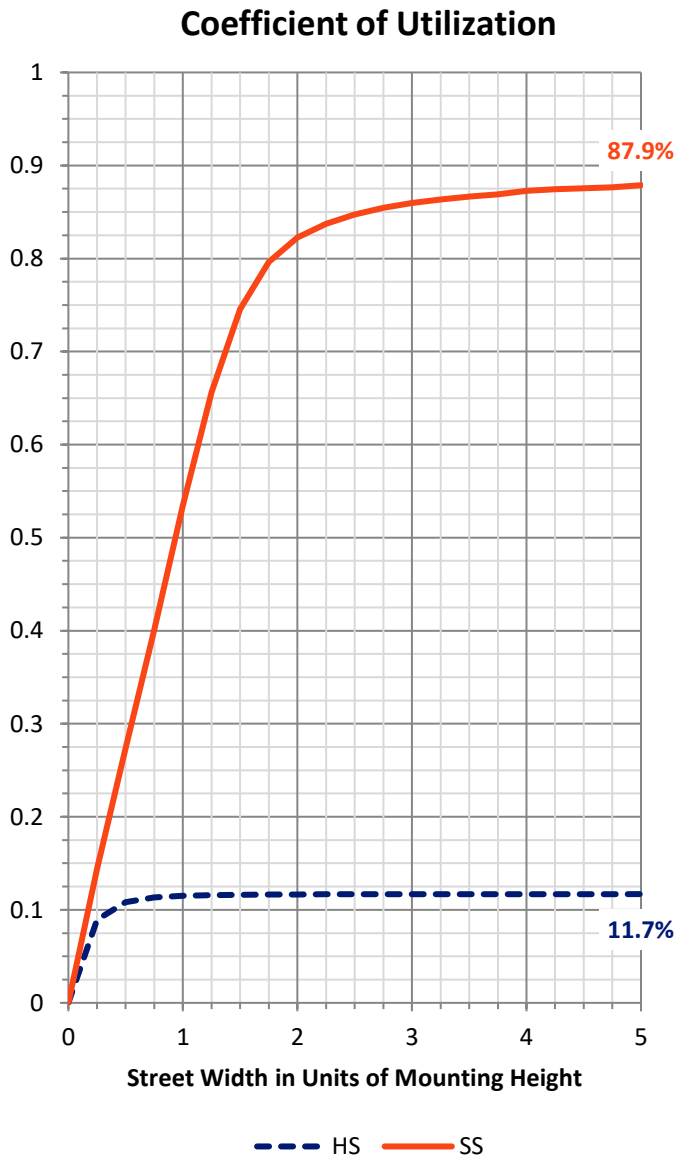
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3600.4	0.0	3600.4
	% Fixture	11.8	0.0	11.8
Street Side	Lumens	26943.6	0.0	26943.6
	% Fixture	88.2	0.0	88.2
Total	Lumens	30544.0	0.0	30544.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	645.4	2.1
10°-20°	1412.9	4.6
20°-30°	1956.9	6.4
30°-40°	2728.5	8.9
40°-50°	4241.0	13.9
50°-60°	6808.5	22.3
60°-70°	7701.5	25.2
70°-80°	4523.2	14.8
80°-90°	526.2	1.7
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°	30544.0	100.0
0°-180°	30544.0	100.0



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REPORT NUMBER: P323380
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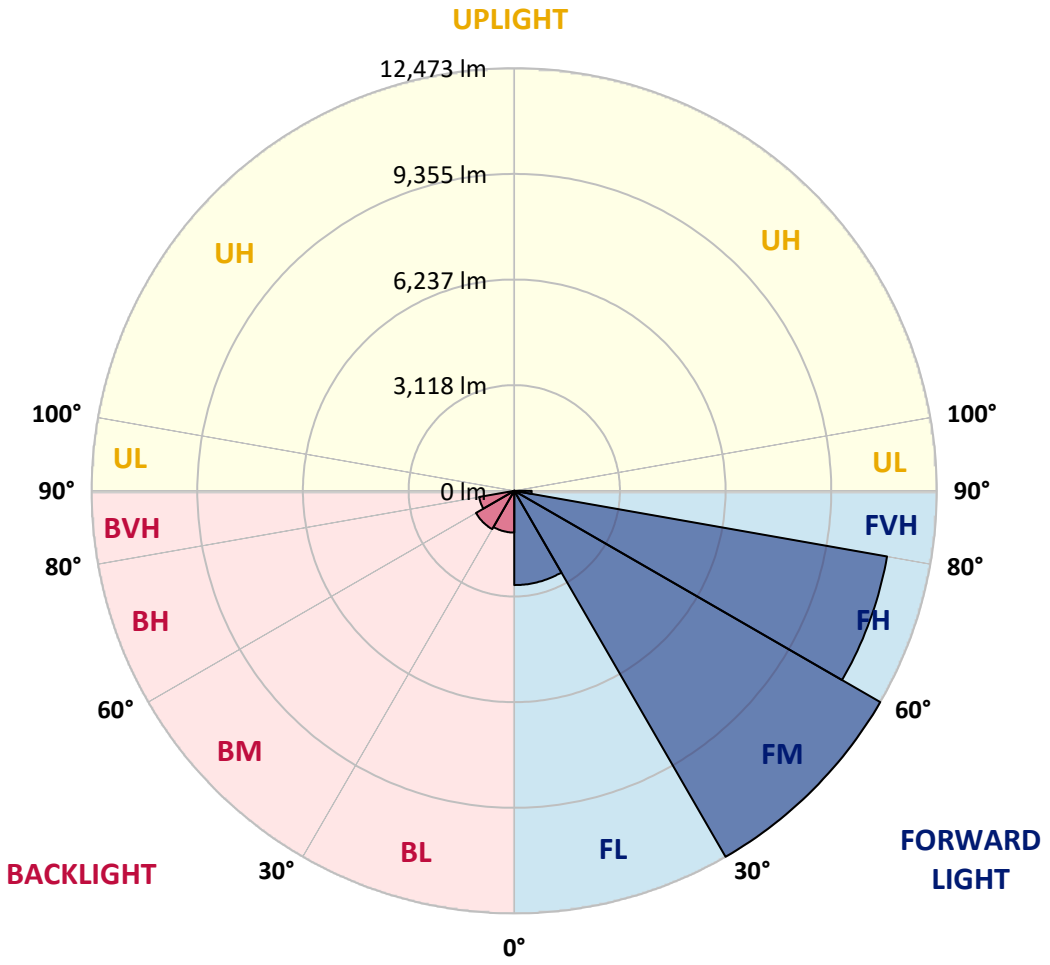
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2783.3	9.1			
FM	(30°-60°)	12473.3	40.8			
FH	(60°-80°)	11172.7	36.6			G4/12000
FVH	(80°-90°)	514.3	1.7			G4/750
BL	(0°-30°)	1231.9	4.0	B3/2500		
BM	(30°-60°)	1304.7	4.3	B2/2500		
BH	(60°-80°)	1052.0	3.4	B3/2500		G3/2500
BVH	(80°-90°)	11.8	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-G4
Type III Medium



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REPORT NUMBER: P323380
CATALOG NUMBER: GLEON-SA6D-830-U-SL2-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	7718.5	7718.5	7718.5	7718.5	7718.5	7718.5	7718.5	7718.5	*7718.5*	7718.5	7718.5
2.5°	7787.0	7767.6	7783.1	7816.7	7833.6	7833.6	7846.5	7831.0	*7836.1*	7798.7	7744.4
5°	7299.8	7270.0	7312.7	7407.0	7523.4	7622.9	7770.2	7847.8	*7855.5*	7856.8	7793.5
7.5°	6775.0	6747.9	6811.2	6922.4	7072.3	7257.1	7514.3	7739.2	*7752.1*	7873.6	7827.1
10°	6348.5	6329.1	6402.8	6521.7	6697.5	6904.3	7219.6	7532.4	*7569.9*	7838.7	7821.9
12.5°	6009.9	5994.4	6064.2	6201.2	6380.8	6609.6	6939.2	7302.4	*7352.8*	7759.9	7796.1
15°	5763.0	5760.5	5818.6	5950.4	6149.5	6362.7	6700.1	7089.1	*7147.3*	7674.6	7792.2
17.5°	5633.8	5637.7	5680.3	5792.8	5963.4	6175.3	6498.4	6909.4	*6972.8*	7598.3	7811.6
20°	5620.9	5624.8	5648.0	5711.3	5849.6	6037.0	6334.3	6758.2	*6824.1*	7541.5	7842.6
22.5°	5734.6	5732.0	5738.5	5732.0	5809.6	5951.7	6225.7	6641.9	*6718.2*	7504.0	7867.2
25°	5953.0	5949.2	5946.6	5898.8	5847.1	5923.3	6180.5	6576.0	*6648.4*	7476.8	7881.4
27.5°	6256.8	6254.2	6250.3	6171.5	6016.4	5968.5	6185.7	6551.4	*6612.2*	7454.9	7878.8
30°	6656.1	6674.2	6669.1	6559.2	6317.5	6106.8	6240.0	6538.5	*6591.5*	7412.2	7851.6
32.5°	7125.3	7161.5	7189.9	7072.3	6769.9	6380.8	6365.3	6552.7	*6591.5*	7379.9	7802.5
35°	7612.5	7659.1	7763.8	7722.4	7324.3	6793.1	6581.2	6638.0	*6670.3*	7398.0	7779.3
37.5°	8092.0	8147.6	8375.1	8495.3	8050.7	7338.5	6917.2	6848.7	*6865.5*	7507.9	7805.1
40°	8649.1	8733.1	9078.2	9272.0	8917.9	8068.8	7420.0	7210.6	*7217.1*	7749.5	7925.3
42.5°	9380.6	9467.2	9840.7	10144.5	9895.0	8991.6	8102.4	7763.8	*7757.3*	8201.9	8208.4
45°	10272.4	10362.9	10749.3	11086.7	10974.2	10085.0	8976.1	8571.5	*8563.8*	8915.3	8744.7
47.5°	11283.1	11372.3	11717.4	12065.0	12186.5	11361.9	10088.9	9674.0	*9655.9*	9906.6	9573.2
50°	12150.3	12208.5	12526.4	12994.3	13542.3	12931.0	11473.1	11073.7	*11054.3*	11223.7	10789.4
52.5°	12465.7	12499.3	12822.4	13477.7	14845.1	15055.8	13291.6	12777.2	*12763.0*	12836.6	12408.8
55°	11827.2	11888.0	12284.8	13256.7	15550.8	17457.1	15587.0	14886.5	*14779.2*	14620.2	14101.9
57.5°	10087.6	10184.5	10611.0	11903.5	15221.2	19362.2	18960.3	17272.3	*17114.6*	16142.7	15478.4
60°	7558.3	7677.2	8031.3	9425.9	13462.2	20040.8	22646.3	19930.9	*19575.5*	17355.0	16743.7
62.5°	5186.6	5246.1	5486.5	6395.1	9914.4	18929.2	25730.1	23491.6	*22842.8*	18673.3	18112.4
65°	3961.4	3982.0	4080.3	4393.0	5903.9	15376.3	26956.7	28189.7	*27405.1*	20250.1	19532.8
67.5°	3192.4	3175.6	3311.3	3758.4	3953.6	9380.6	25525.9	32634.4	*32267.4*	22358.1	20962.3
69°	*2815.0*	*2791.7*	*2930.0*	*3449.6*	*3713.2*	*6201.2*	*22819.5*	*33643.8*	*33667.1*	*23470.9*	*21060.5*
70°	2533.2	2548.7	2685.7	3266.0	3631.8	4867.4	20234.6	33386.6	*33570.1*	23887.1	20471.1
72.5°	1691.8	1733.2	2008.5	2711.6	3492.2	3683.5	12217.5	28649.8	*29355.5*	22950.1	17563.1
75°	953.8	984.8	1311.8	2044.7	3290.6	3507.7	6453.2	21107.0	*21789.4*	19191.6	13543.6
77.5°	467.9	484.7	741.9	1319.6	2751.6	3342.3	3660.2	14337.2	*15116.5*	12526.4	7660.4
80°	197.7	206.8	370.9	814.2	1967.1	3189.8	2718.0	8823.6	*8920.5*	4907.4	2040.8
82.5°	76.3	78.8	156.4	507.9	1249.8	2486.7	2273.4	4183.7	*4082.9*	924.1	465.3
85°	9.0	10.3	56.9	305.0	695.3	1279.5	1846.9	1803.0	*1668.6*	183.5	239.1
87.5°	0.0	0.0	3.9	93.1	206.8	599.7	960.3	748.3	*674.7*	59.5	124.1
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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REPORT NUMBER: P323380
CATALOG NUMBER: GLEON-SA6D-830-U-SL2-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7718.5	7718.5	7718.5	7718.5	7718.5	7718.5	7718.5	7718.5	7718.5	7718.5	7718.5
2.5°	7699.1	7686.2	7616.4	7515.6	7420.0	7301.1	7187.3	7118.8	7064.5	7028.4	7071.0
5°	7719.8	7662.9	7451.0	7179.6	6913.3	6613.5	6334.3	6097.8	6004.7	5901.3	5947.9
7.5°	7713.4	7606.1	7224.8	6741.4	6252.9	5747.5	5269.3	4901.0	4709.7	4522.3	4570.1
10°	7681.0	7500.1	6922.4	6206.4	5474.8	4748.5	4069.9	3554.2	3266.0	3005.0	3042.4
12.5°	7610.0	7357.9	6565.7	5593.7	4615.3	3657.6	2862.8	2202.3	1848.2	1691.8	1711.2
15°	7567.3	7219.6	6188.3	4973.4	3697.7	2547.4	1750.0	1301.5	1139.9	1088.2	1094.7
17.5°	7546.6	7086.5	5797.9	4263.8	2759.4	1622.0	1130.9	997.8	962.9	953.8	956.4
20°	7525.9	6952.1	5396.0	3562.0	1901.2	1090.8	929.3	890.5	877.6	865.9	868.5
22.5°	7491.1	6822.9	4964.3	2851.1	1282.1	885.3	837.5	800.0	772.9	758.7	761.3
25°	7448.4	6687.1	4523.6	2123.5	935.7	789.7	744.5	691.5	659.2	633.3	634.6
27.5°	7379.9	6520.4	4068.6	1545.8	785.8	707.0	646.2	588.1	533.8	504.1	504.1
30°	7284.3	6331.7	3563.3	1106.3	704.4	625.5	551.9	479.5	421.3	394.2	391.6
32.5°	7178.3	6135.3	3052.8	838.8	639.8	549.3	465.3	389.0	337.3	315.4	314.1
35°	7087.8	5923.3	2543.5	703.1	575.1	475.6	383.9	319.2	277.9	259.8	258.5
37.5°	7029.6	5711.3	2047.2	628.1	517.0	407.1	321.8	263.7	233.9	219.7	218.4
40°	7020.6	5553.7	1593.6	571.3	462.7	346.4	268.8	223.6	196.5	180.9	179.7
42.5°	7138.2	5463.2	1222.7	523.4	407.1	293.4	228.8	191.3	162.8	147.3	146.0
45°	7447.1	5491.6	940.9	480.8	351.5	248.2	193.9	159.0	133.1	121.5	118.9
47.5°	8010.6	5688.1	748.3	438.1	298.6	210.7	165.4	131.8	109.9	98.2	96.9
50°	9013.6	6149.5	625.5	391.6	249.4	179.7	137.0	107.3	89.2	78.8	77.5
52.5°	10344.8	6971.5	558.3	346.4	206.8	152.5	112.4	85.3	69.8	62.0	60.7
55°	11813.0	7966.7	514.4	297.3	169.3	126.7	89.2	67.2	54.3	47.8	45.2
57.5°	13246.3	8828.7	473.0	249.4	140.9	103.4	71.1	53.0	42.7	36.2	34.9
60°	14563.3	9621.0	425.2	200.3	115.0	81.4	55.6	41.4	33.6	27.1	27.1
62.5°	15973.4	10233.6	359.3	156.4	94.3	62.0	45.2	37.5	27.1	23.3	22.0
65°	17467.5	10688.6	281.8	121.5	73.7	46.5	37.5	38.8	22.0	16.8	15.5
67.5°	18571.2	10598.1	208.1	95.6	56.9	36.2	36.2	41.4	19.4	12.9	11.6
69°	*18328.3*	*9862.7*	*174.5*	*82.7*	*49.1*	*31.0*	*33.6*	*41.4*	*18.1*	*11.6*	*10.3*
70°	17623.9	9048.5	153.8	73.7	43.9	28.4	32.3	40.1	16.8	11.6	10.3
72.5°	14677.1	6815.1	120.2	55.6	34.9	23.3	27.1	34.9	16.8	11.6	9.0
75°	11040.1	4362.0	91.8	40.1	25.8	18.1	20.7	25.8	16.8	10.3	9.0
77.5°	6007.3	1572.9	65.9	27.1	18.1	14.2	14.2	19.4	15.5	7.8	5.2
80°	1544.5	395.5	41.4	18.1	14.2	10.3	9.0	12.9	9.0	1.3	0.0
82.5°	381.3	89.2	22.0	12.9	10.3	3.9	3.9	6.5	3.9	0.0	0.0
85°	209.4	43.9	14.2	9.0	5.2	0.0	0.0	1.3	0.0	0.0	0.0
87.5°	107.3	12.9	3.9	2.6	1.3	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: SP1-2408-195-9

Test Date: 08/07/2024

Luminaire Tested: GALN-SB1A-830-U-5WQ

Data in this report applies to families of products including GALN-SB1A-830-U-5WQ.

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

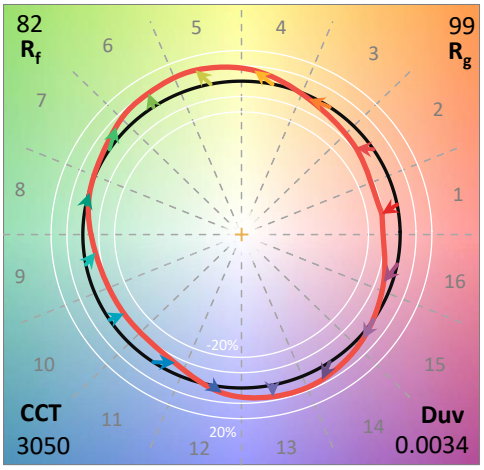
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2408-195-9
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	08/07/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	MCGRAW EDISON
Catalog Number:	**GALN-SB1A-830-U-5WQ**
Description:	GALLEON AREA AND ROADWAY LUMINAIRE. (1) 80 CRI, 3000K, 350MA HIGH DENSITY LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS

Spectral Parameters

CCT (K):	3050	CRI (Ra):	81.0		
CIE u':	0.2476	R1:	79.6	R9:	7.1
CIE v':	0.5251	R2:	85.6	R10:	67.0
Duv:	0.0034	R3:	92.0	R11:	82.7
CIE x:	0.4383	R4:	82.6	R12:	63.2
CIE y:	0.4131	R5:	78.9	R13:	80.3
CIE z:	0.1487	R6:	81.7	R14:	95.0
Peak Wavelength (nm):	603	R7:	85.2	R15:	71.7
Dominant Wavelength (nm):	581	R8:	62.0		
Purity:	55.55201				

Rf:	81.5
Rg:	99.2



Test Conditions

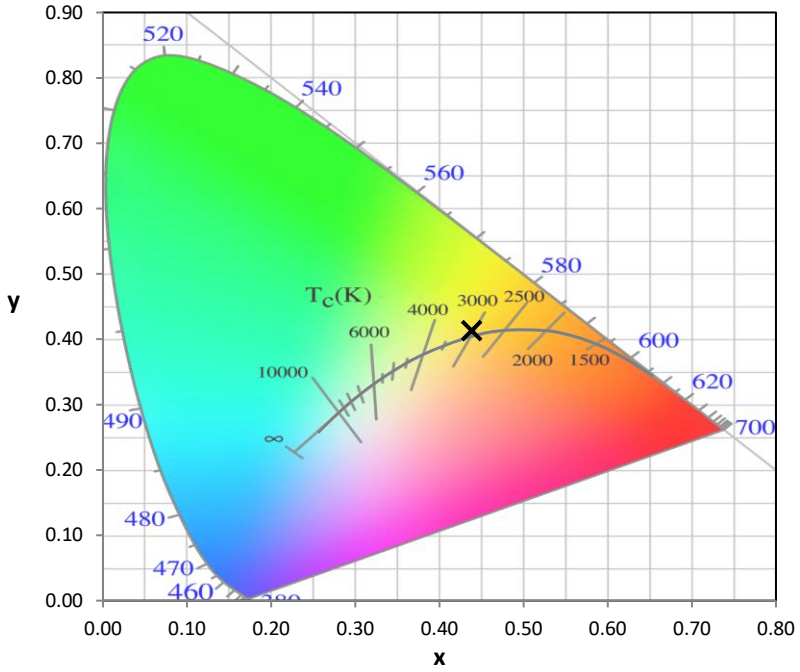
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

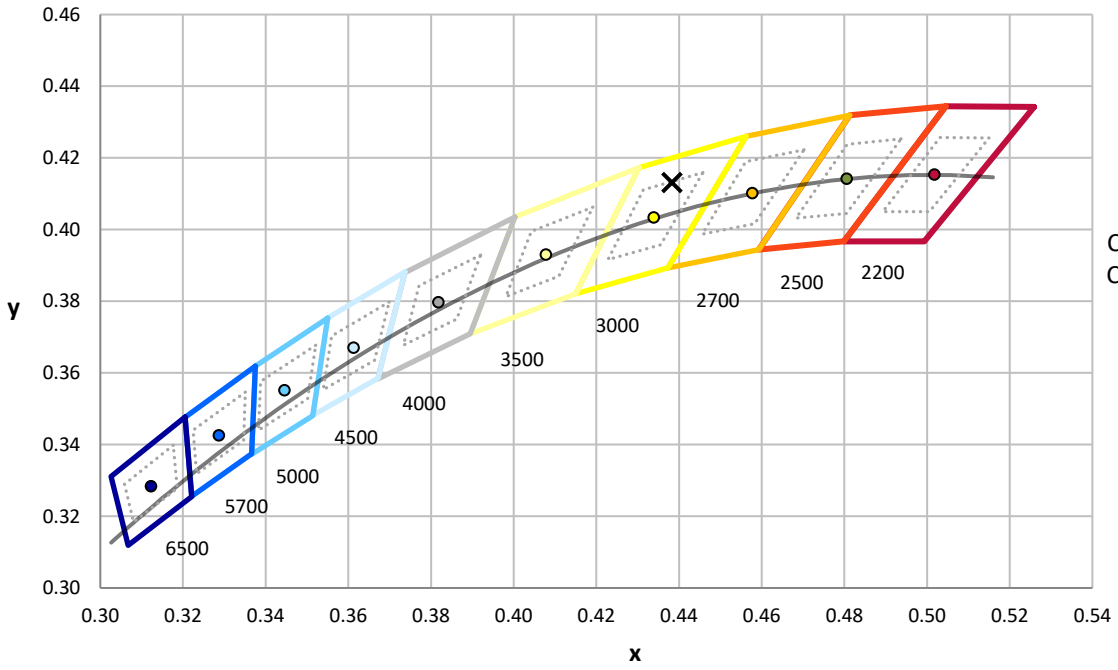
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2408-195-9

CIE 1931 Chromaticity Diagram



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

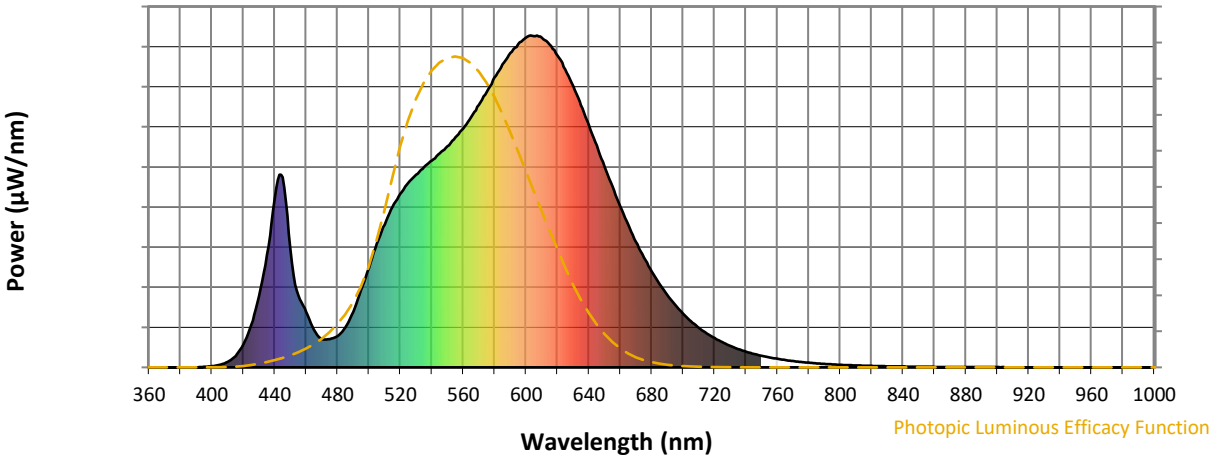


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

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	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

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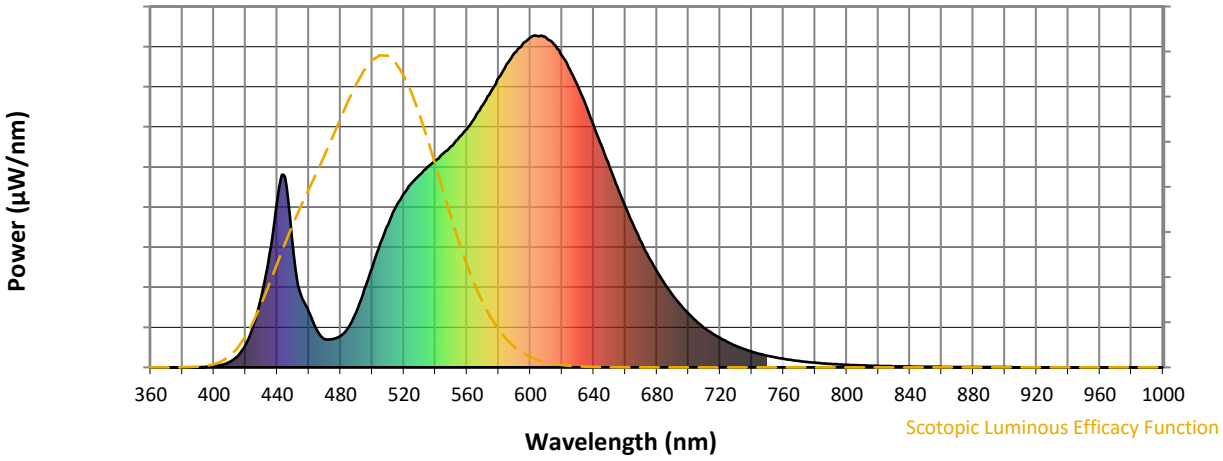
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.27**

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	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

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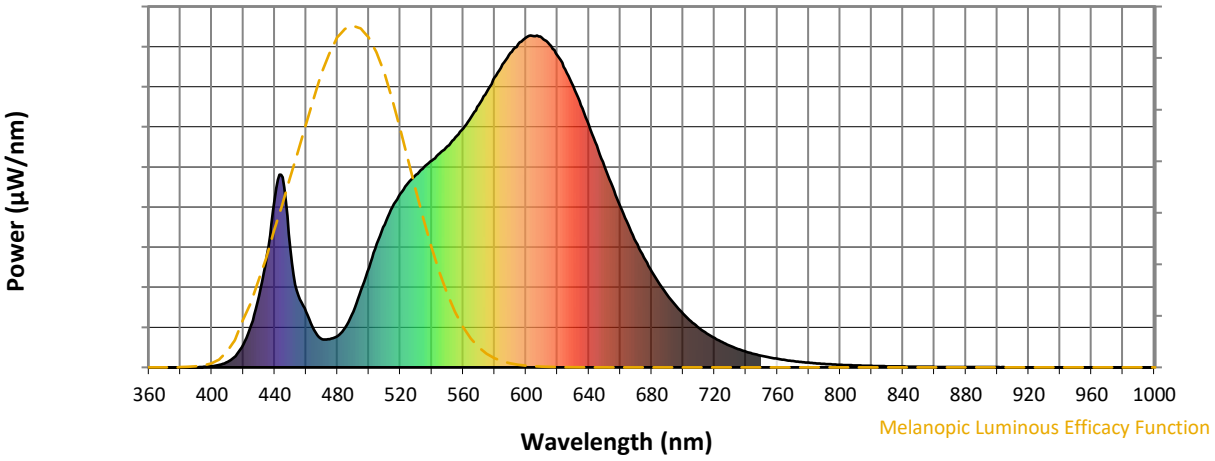
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.32**

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	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

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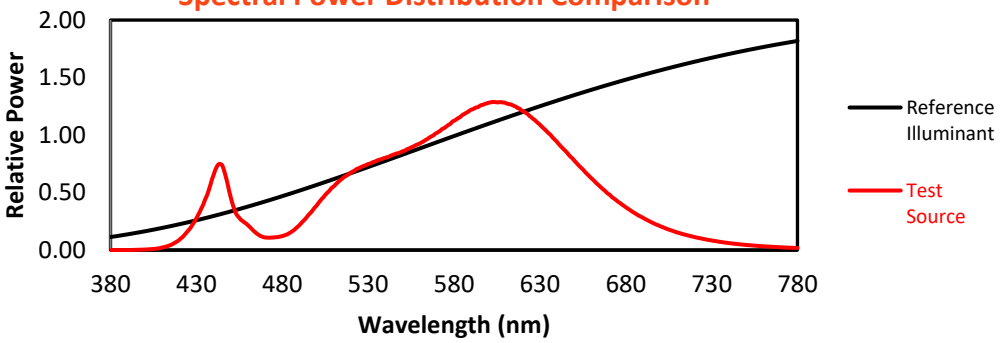
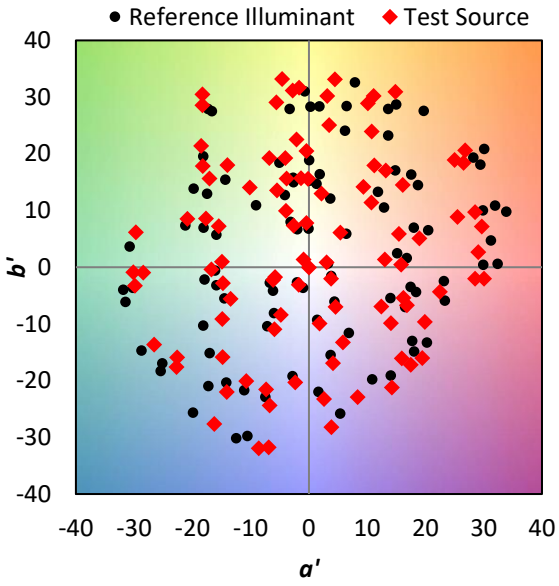
Summary

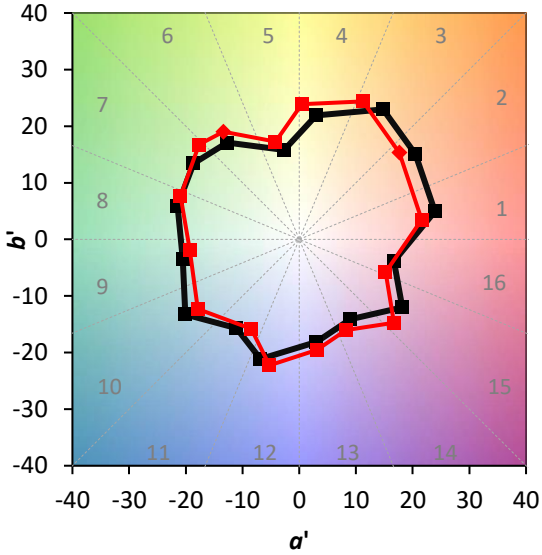
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

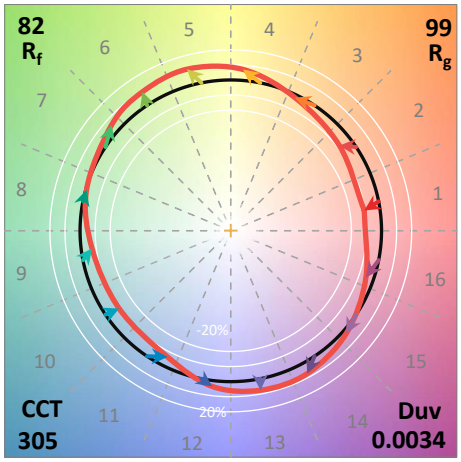
Spectral Power Distribution Comparison

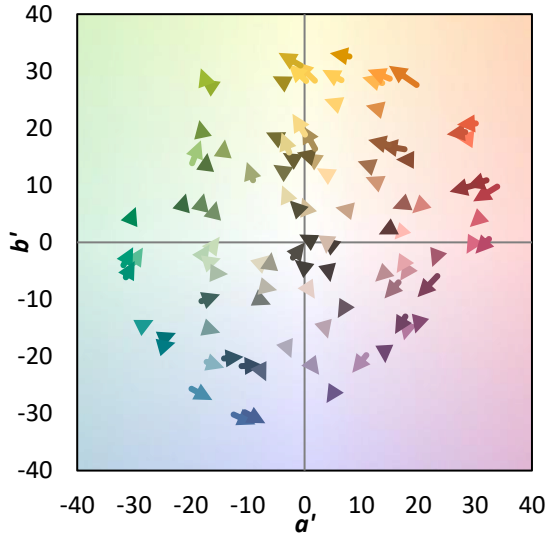


Color Vector Graphics









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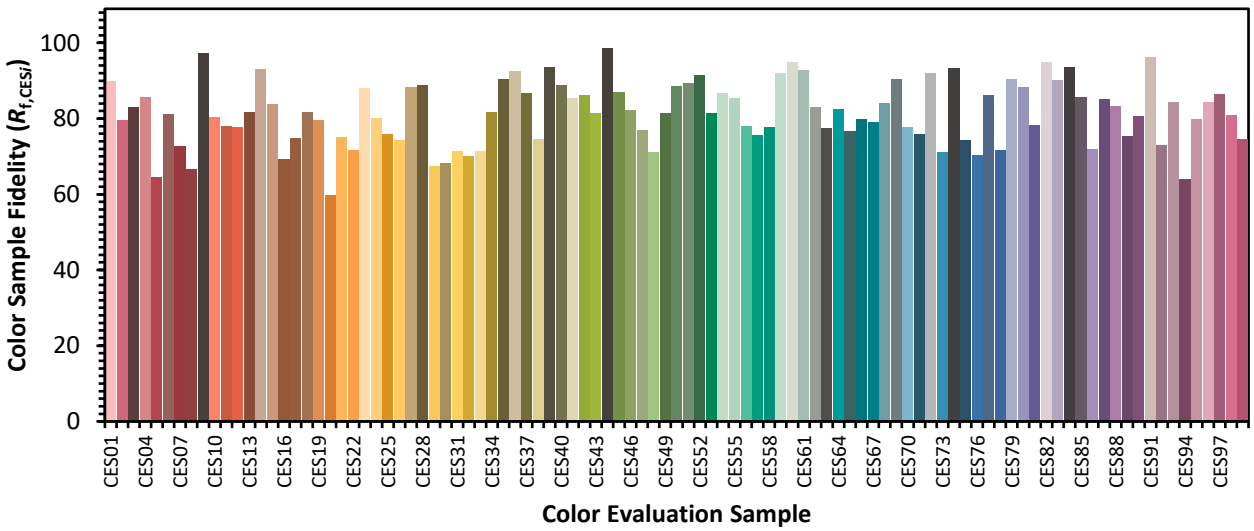
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 94
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 91	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 78	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



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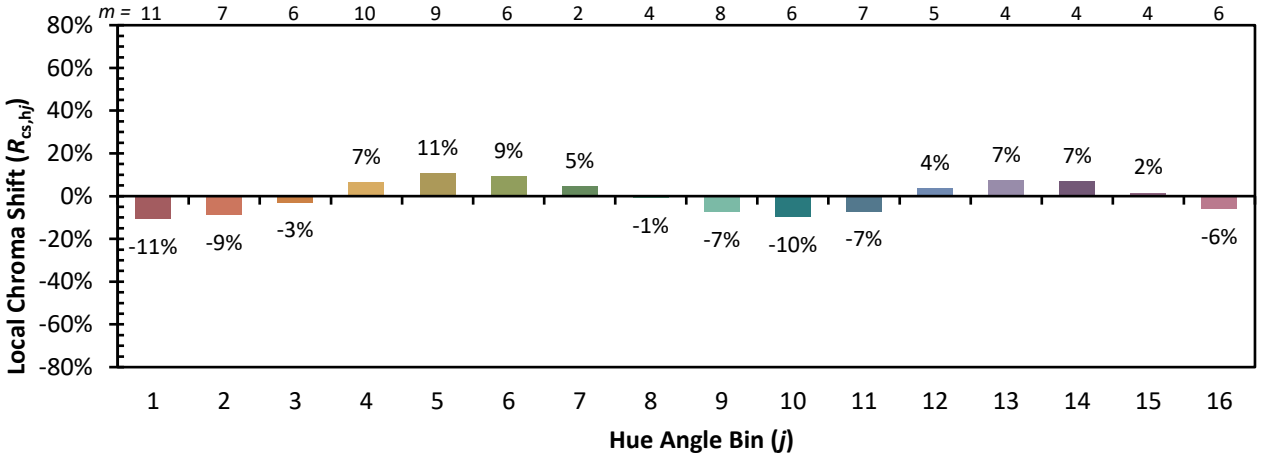
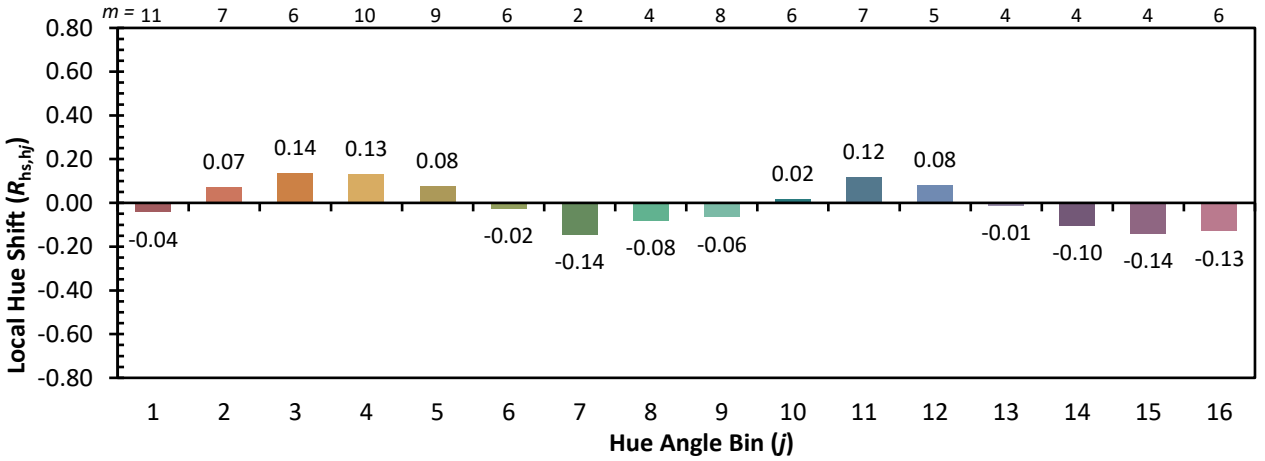
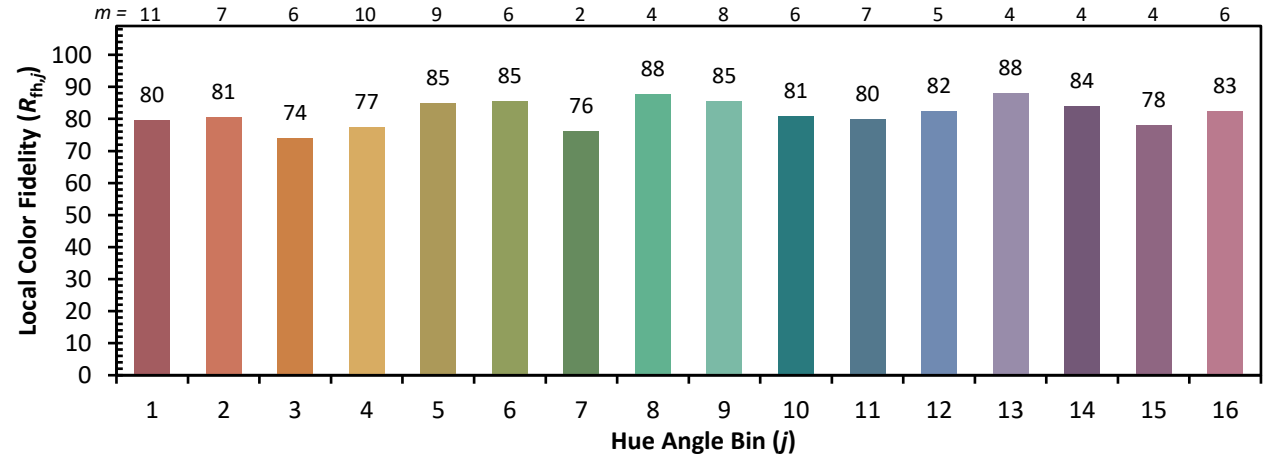
Color Rendition by Hue-Angle Bin







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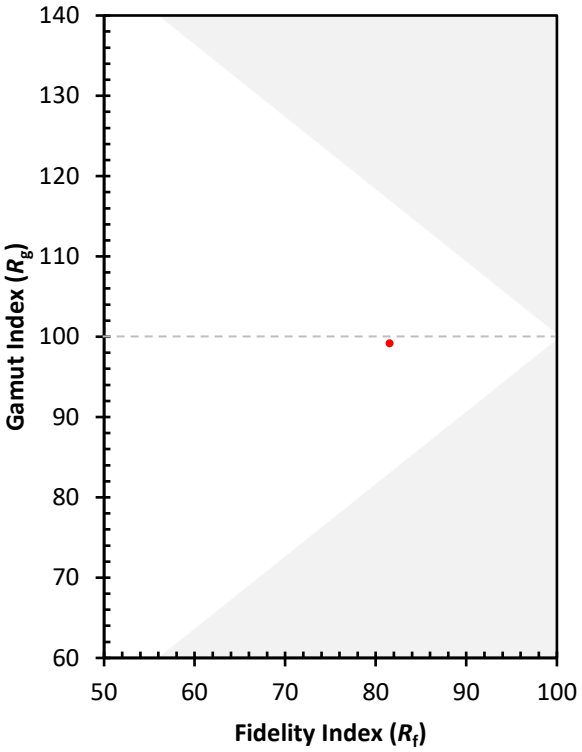
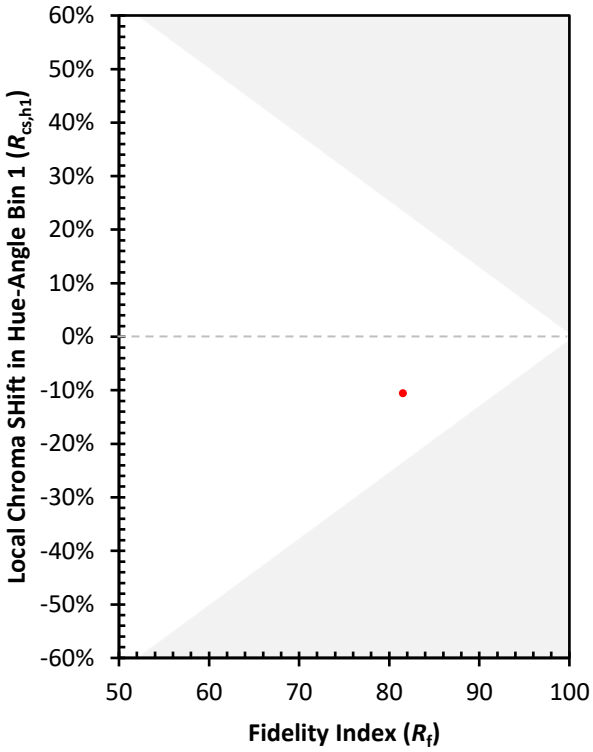
Measure Comparisons





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