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: P323370

Luminaire Tested: **GLEON-SA6C-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:	P323370
	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-SA6C-830-U-SL2-HSS
Description:	GALLEON AREA AND ROADWAY LUMINAIRE
	(6) 80 CRI, 3000K, 1050mA 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:	27844 lumens
Efficiency:	N/A
Efficacy:	83.6 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):	333
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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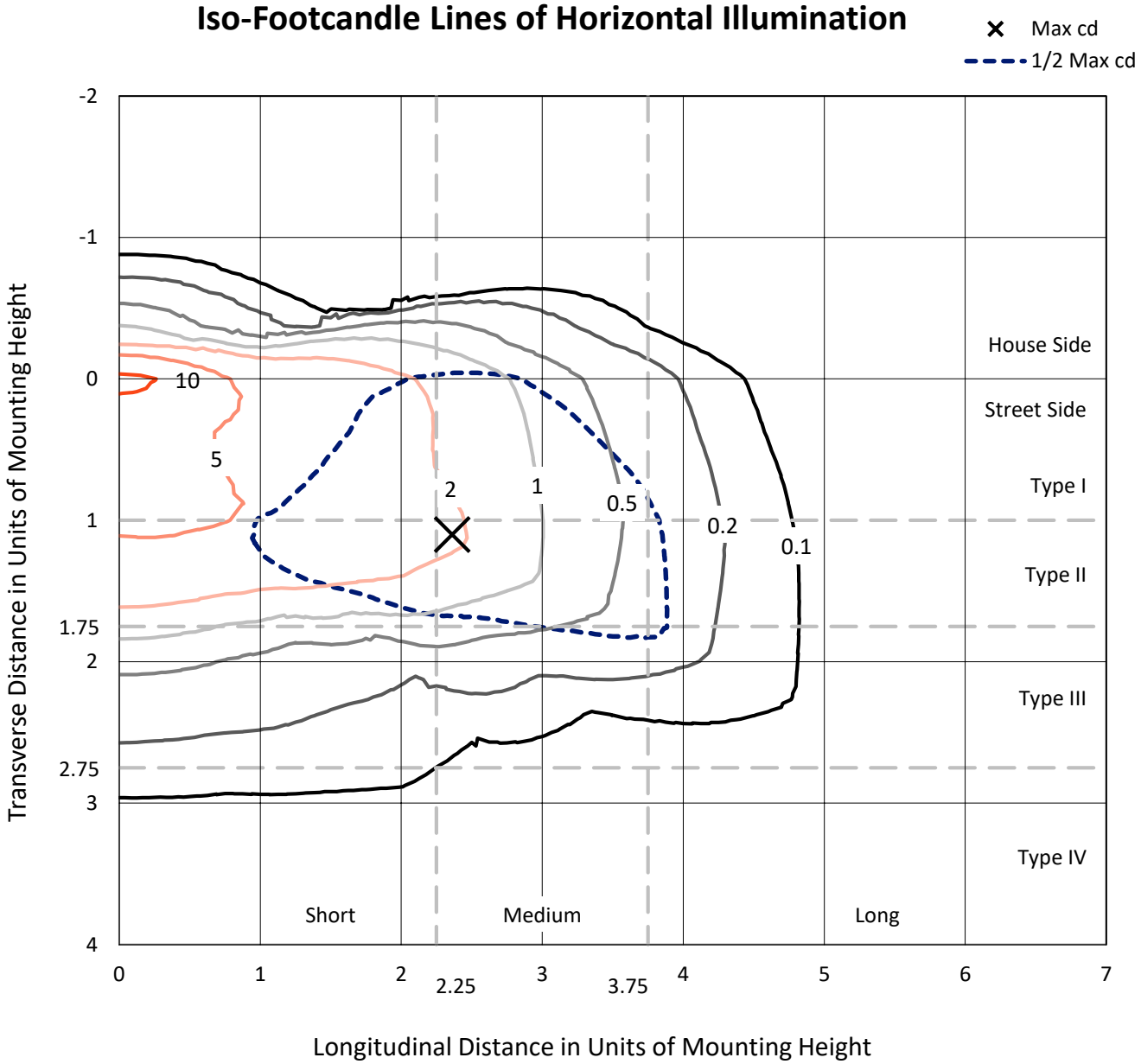
Scaled Data Report

REPORT NUMBER: P323370
CATALOG NUMBER: GLEON-SA6C-830-U-SL2-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 11.3 fc
Type III - Medium - N/A

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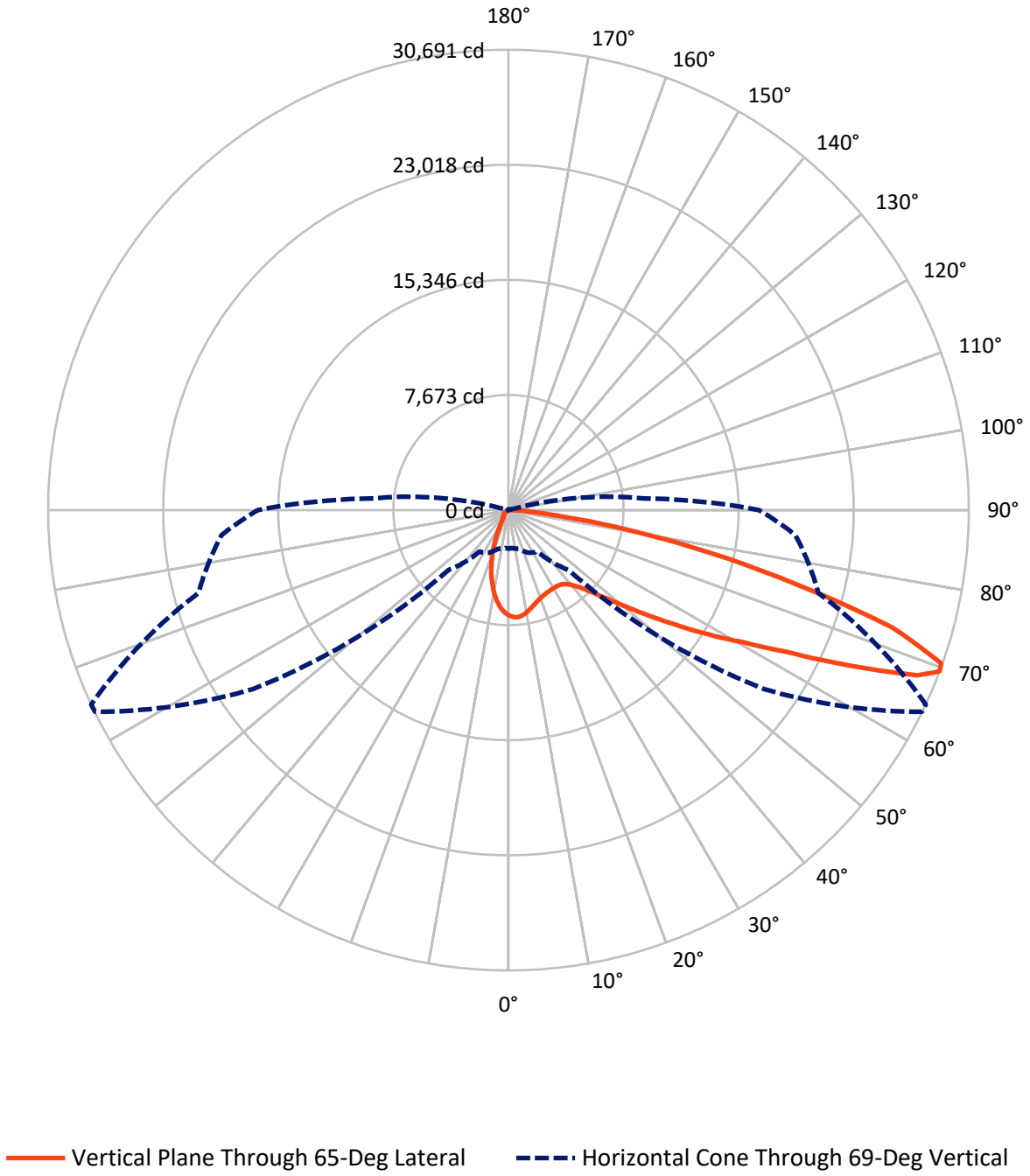
Luminous Intensity Polar Plot



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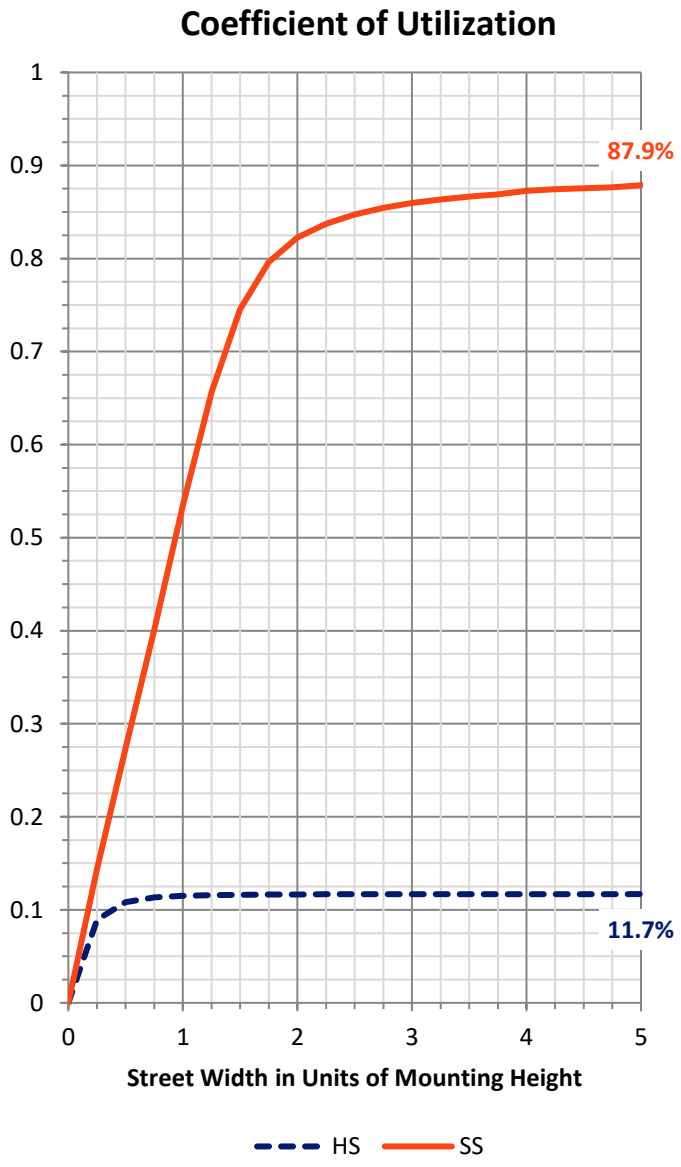
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3282.1	0.0	3282.1
	% Fixture	11.8	0.0	11.8
Street Side	Lumens	24561.8	0.0	24561.8
	% Fixture	88.2	0.0	88.2
Total	Lumens	27844.0	0.0	27844.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	588.4	2.1
10°-20°	1288.0	4.6
20°-30°	1783.9	6.4
30°-40°	2487.3	8.9
40°-50°	3866.1	13.9
50°-60°	6206.6	22.3
60°-70°	7020.7	25.2
70°-80°	4123.3	14.8
80°-90°	479.7	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°	27844.0	100.0
0°-180°	27844.0	100.0



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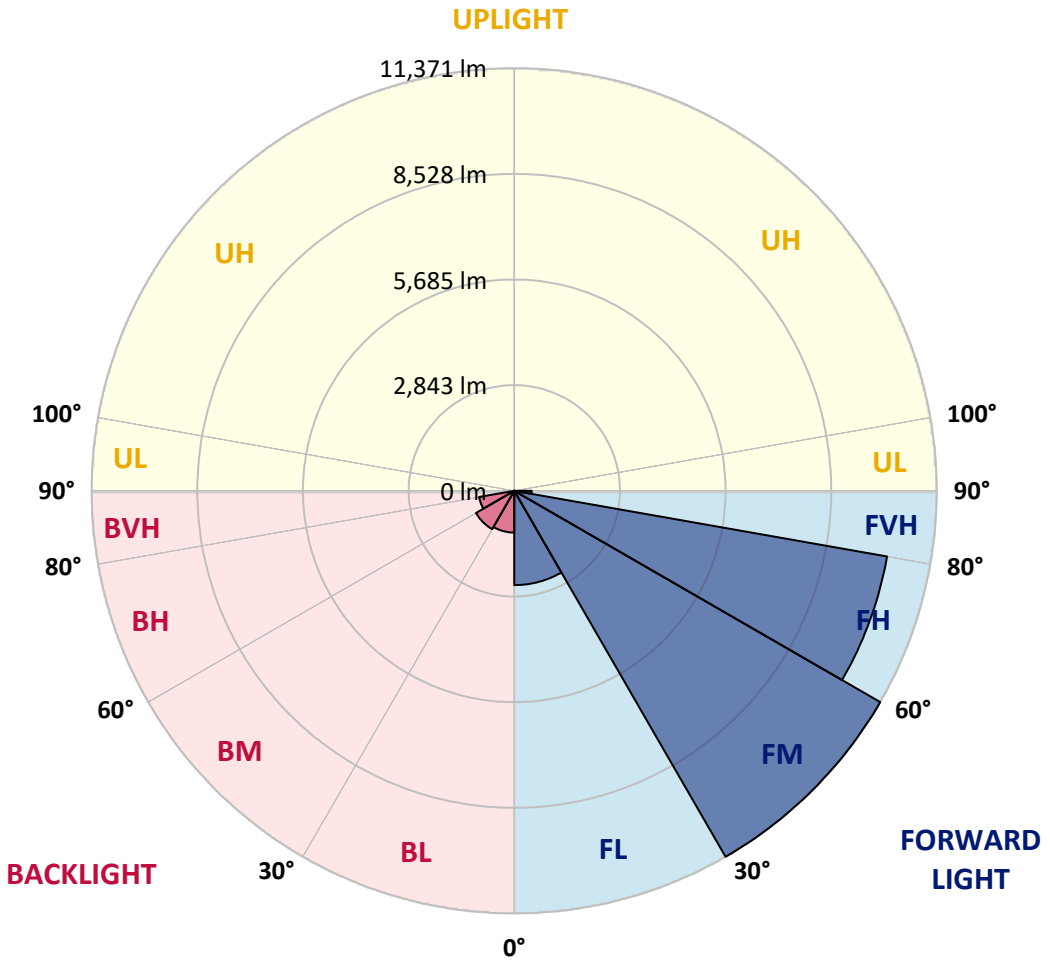
REPORT NUMBER: P323370
CATALOG NUMBER: GLEON-SA6C-830-U-SL2-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2537.2	9.1			
FM	(30°-60°)	11370.7	40.8			
FH	(60°-80°)	10185.1	36.6			G4/12000
FVH	(80°-90°)	468.9	1.7			G3/500
BL	(0°-30°)	1123.0	4.0	B3/2500		
BM	(30°-60°)	1189.4	4.3	B2/2500		
BH	(60°-80°)	959.0	3.4	B2/1000		G2/1000
BVH	(80°-90°)	10.8	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: P323370
CATALOG NUMBER: GLEON-SA6C-830-U-SL2-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	7036.2	7036.2	7036.2	7036.2	7036.2	7036.2	7036.2	7036.2	*7036.2*	7036.2	7036.2
2.5°	7098.7	7081.0	7095.1	7125.8	7141.1	7141.1	7152.9	7138.7	*7143.4*	7109.3	7059.8
5°	6654.5	6627.4	6666.3	6752.3	6858.3	6949.0	7083.4	7154.0	*7161.1*	7162.3	7104.6
7.5°	6176.1	6151.4	6209.1	6310.5	6447.1	6615.6	6850.1	7055.1	*7066.9*	7177.6	7135.2
10°	5787.3	5769.7	5836.8	5945.2	6105.4	6294.0	6581.4	6866.6	*6900.7*	7145.8	7130.5
12.5°	5478.6	5464.5	5528.1	5653.0	5816.8	6025.3	6325.8	6656.8	*6702.8*	7073.9	7106.9
15°	5253.6	5251.3	5304.3	5424.4	5605.9	5800.3	6107.8	6462.4	*6515.5*	6996.2	7103.4
17.5°	5135.8	5139.3	5178.2	5280.7	5436.2	5629.5	5924.0	6298.7	*6356.4*	6926.7	7121.1
20°	5124.0	5127.5	5148.7	5206.5	5332.5	5503.4	5774.4	6160.8	*6220.9*	6874.8	7149.3
22.5°	5227.7	5225.3	5231.2	5225.3	5296.0	5425.6	5675.4	6054.8	*6124.3*	6840.6	7171.7
25°	5426.8	5423.3	5420.9	5377.3	5330.2	5399.7	5634.2	5994.7	*6060.7*	6815.9	7184.7
27.5°	5703.7	5701.3	5697.8	5625.9	5484.5	5440.9	5638.9	5972.3	*6027.7*	6795.9	7182.3
30°	6067.7	6084.2	6079.5	5979.4	5759.1	5567.0	5688.4	5960.5	*6008.8*	6757.0	7157.6
32.5°	6495.4	6528.4	6554.3	6447.1	6171.4	5816.8	5802.6	5973.5	*6008.8*	6727.5	7112.8
35°	6939.6	6982.0	7077.5	7039.8	6676.9	6192.6	5999.4	6051.2	*6080.7*	6744.0	7091.6
37.5°	7376.7	7427.4	7634.8	7744.3	7339.0	6689.8	6305.7	6243.3	*6258.6*	6844.2	7115.2
40°	7884.5	7961.1	8275.7	8452.4	8129.6	7355.5	6764.1	6573.2	*6579.1*	7064.5	7224.7
42.5°	8551.4	8630.3	8970.8	9247.7	9020.3	8196.8	7386.2	7077.5	*7071.6*	7476.9	7482.8
45°	9364.4	9446.8	9799.1	10106.6	10004.1	9193.5	8182.6	7813.8	*7806.8*	8127.2	7971.7
47.5°	10285.7	10367.0	10681.6	10998.5	11109.3	10357.6	9197.1	8818.8	*8802.4*	9030.9	8726.9
50°	11076.3	11129.3	11419.1	11845.7	12345.2	11787.9	10458.9	10094.8	*10077.2*	10231.5	9835.6
52.5°	11363.8	11394.4	11689.0	12286.3	13532.8	13724.9	12116.6	11647.7	*11634.8*	11701.9	11311.9
55°	10781.7	10837.1	11198.8	12084.8	14176.1	15914.0	14209.1	13570.5	*13472.7*	13327.8	12855.4
57.5°	9195.9	9284.2	9673.0	10851.2	13875.7	17650.7	17284.2	15745.5	*15601.8*	14715.8	14110.2
60°	6890.1	6998.5	7321.4	8592.6	12272.2	18269.2	20644.5	18169.1	*17845.1*	15820.9	15263.6
62.5°	4728.1	4782.3	5001.5	5829.7	9038.0	17256.0	23455.7	21415.0	*20823.6*	17022.7	16511.3
65°	3611.2	3630.0	3719.6	4004.7	5382.0	14017.1	24573.8	25697.8	*24982.6*	18460.1	17806.2
67.5°	2910.2	2894.8	3018.6	3426.2	3604.1	8551.4	23269.5	29749.6	*29415.0*	20381.7	19109.3
69°	*2566.1*	*2544.9*	*2671.0*	*3144.6*	*3385.0*	*5653.0*	*20802.4*	*30669.8*	*30691.0*	*21396.2*	*19198.8*
70°	2309.3	2323.4	2448.3	2977.3	3310.8	4437.1	18445.9	30435.3	*30602.6*	21775.5	18661.6
72.5°	1542.3	1580.0	1830.9	2471.9	3183.5	3357.9	11137.6	26117.2	*26760.5*	20921.3	16010.6
75°	869.5	897.8	1195.9	1863.9	2999.7	3197.6	5882.8	19241.2	*19863.3*	17495.1	12346.4
77.5°	426.5	441.8	676.3	1202.9	2508.4	3046.8	3336.7	13069.8	*13780.3*	11419.1	6983.2
80°	180.3	188.5	338.1	742.3	1793.2	2907.8	2477.8	8043.6	*8132.0*	4473.6	1860.4
82.5°	69.5	71.9	142.6	463.0	1139.3	2266.9	2072.5	3813.8	*3721.9*	842.4	424.2
85°	8.2	9.4	51.8	278.1	633.9	1166.4	1683.7	1643.6	*1521.1*	167.3	218.0
87.5°	0.0	0.0	3.5	84.8	188.5	546.7	875.4	682.2	*615.0*	54.2	113.1
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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Scaled Data Report

REPORT NUMBER: P323370
CATALOG NUMBER: GLEON-SA6C-830-U-SL2-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7036.2	7036.2	7036.2	7036.2	7036.2	7036.2	7036.2	7036.2	7036.2	7036.2	7036.2
2.5°	7018.6	7006.8	6943.1	6851.2	6764.1	6655.7	6552.0	6489.5	6440.1	6407.1	6445.9
5°	7037.4	6985.6	6792.3	6544.9	6302.2	6028.9	5774.4	5558.8	5473.9	5379.7	5422.1
7.5°	7031.5	6933.7	6586.2	6145.5	5700.1	5239.5	4803.5	4467.7	4293.4	4122.5	4166.1
10°	7002.1	6837.1	6310.5	5657.7	4990.9	4328.7	3710.2	3240.1	2977.3	2739.3	2773.5
12.5°	6937.3	6707.5	5985.3	5099.3	4207.4	3334.3	2609.7	2007.7	1684.8	1542.3	1559.9
15°	6898.4	6581.4	5641.2	4533.7	3370.8	2322.2	1595.3	1186.5	1039.2	992.0	997.9
17.5°	6879.5	6460.1	5285.4	3886.9	2515.5	1478.6	1030.9	909.6	877.8	869.5	871.9
20°	6860.7	6337.6	4919.0	3247.1	1733.1	994.4	847.1	811.8	800.0	789.4	791.8
22.5°	6828.9	6219.7	4525.5	2599.1	1168.8	807.1	763.5	729.3	704.6	691.6	694.0
25°	6790.0	6096.0	4123.7	1935.8	853.0	719.9	678.6	630.3	600.9	577.3	578.5
27.5°	6727.5	5944.0	3709.0	1409.1	716.3	644.5	589.1	536.1	486.6	459.5	459.5
30°	6640.4	5772.0	3248.3	1008.5	642.1	570.3	503.1	437.1	384.1	359.4	357.0
32.5°	6543.7	5592.9	2782.9	764.7	583.2	500.7	424.2	354.6	307.5	287.5	286.3
35°	6461.3	5399.7	2318.7	640.9	524.3	433.6	349.9	291.0	253.3	236.8	235.6
37.5°	6408.2	5206.5	1866.3	572.6	471.3	371.1	293.4	240.4	213.3	200.3	199.1
40°	6400.0	5062.7	1452.7	520.8	421.8	315.8	245.1	203.8	179.1	164.9	163.8
42.5°	6507.2	4980.3	1114.6	477.2	371.1	267.5	208.5	174.4	148.5	134.3	133.1
45°	6788.8	5006.2	857.7	438.3	320.5	226.2	176.7	144.9	121.4	110.8	108.4
47.5°	7302.5	5185.3	682.2	399.4	272.2	192.0	150.8	120.2	100.1	89.5	88.4
50°	8216.8	5605.9	570.3	357.0	227.4	163.8	124.9	97.8	81.3	71.9	70.7
52.5°	9430.3	6355.2	509.0	315.8	188.5	139.0	102.5	77.8	63.6	56.6	55.4
55°	10768.8	7262.4	468.9	271.0	154.3	115.5	81.3	61.3	49.5	43.6	41.2
57.5°	12075.4	8048.3	431.2	227.4	128.4	94.3	64.8	48.3	38.9	33.0	31.8
60°	13276.0	8770.5	387.6	182.6	104.9	74.2	50.7	37.7	30.6	24.7	24.7
62.5°	14561.4	9329.0	327.5	142.6	86.0	56.6	41.2	34.2	24.7	21.2	20.0
65°	15923.4	9743.7	256.8	110.8	67.2	42.4	34.2	35.3	20.0	15.3	14.1
67.5°	16929.6	9661.3	189.7	87.2	51.8	33.0	33.0	37.7	17.7	11.8	10.6
69°	*16708.1*	*8990.9*	*159.1*	*75.4*	*44.8*	*28.3*	*30.6*	*37.7*	*16.5*	*10.6*	*9.4*
70°	16066.0	8248.6	140.2	67.2	40.1	25.9	29.5	36.5	15.3	10.6	9.4
72.5°	13379.7	6212.7	109.6	50.7	31.8	21.2	24.7	31.8	15.3	10.6	8.2
75°	10064.2	3976.4	83.7	36.5	23.6	16.5	18.9	23.6	15.3	9.4	8.2
77.5°	5476.3	1433.9	60.1	24.7	16.5	13.0	13.0	17.7	14.1	7.1	4.7
80°	1408.0	360.5	37.7	16.5	13.0	9.4	8.2	11.8	8.2	1.2	0.0
82.5°	347.6	81.3	20.0	11.8	9.4	3.5	3.5	5.9	3.5	0.0	0.0
85°	190.9	40.1	13.0	8.2	4.7	0.0	0.0	1.2	0.0	0.0	0.0
87.5°	97.8	11.8	3.5	2.4	1.2	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

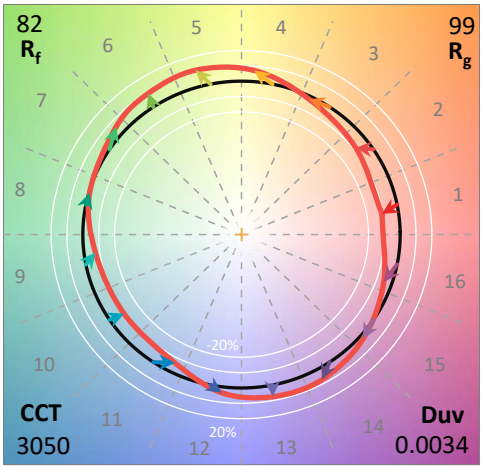
Test Information

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

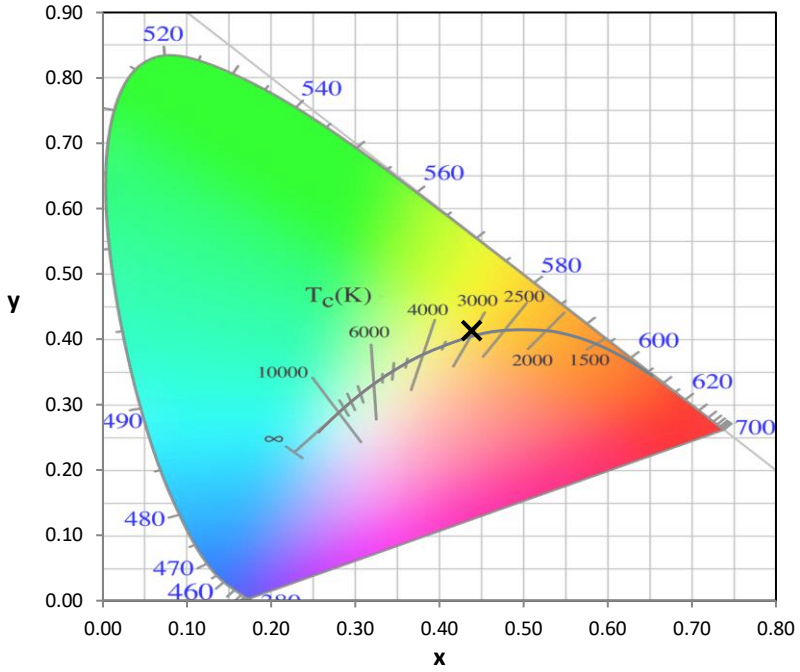
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

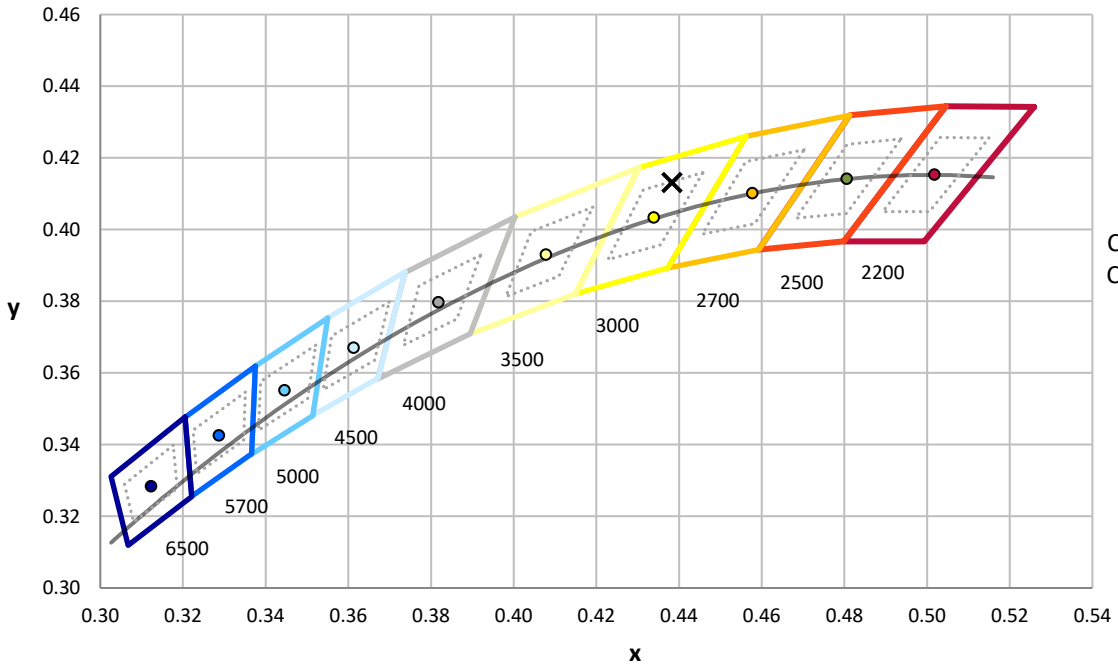
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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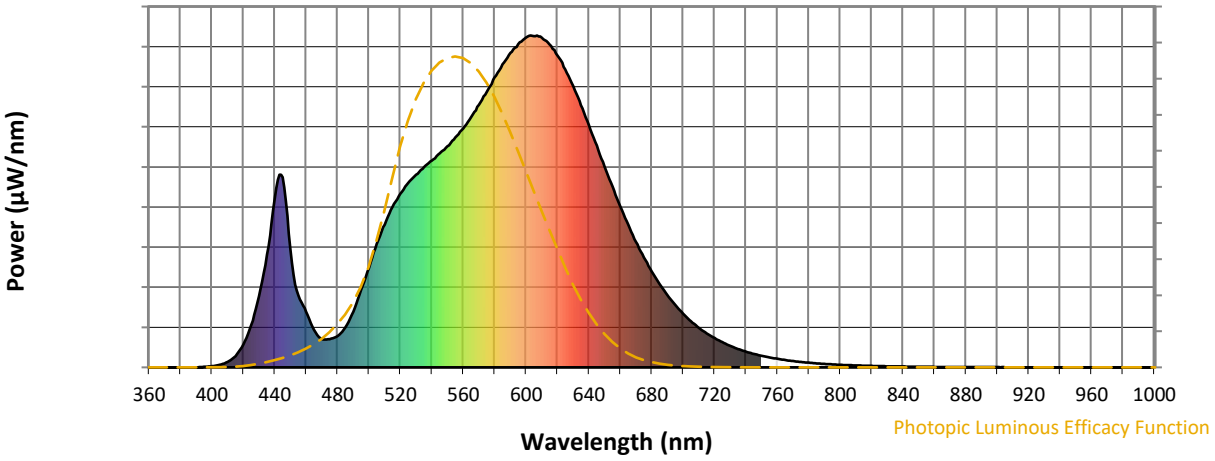
Photopic Flux vs. Wavelength



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	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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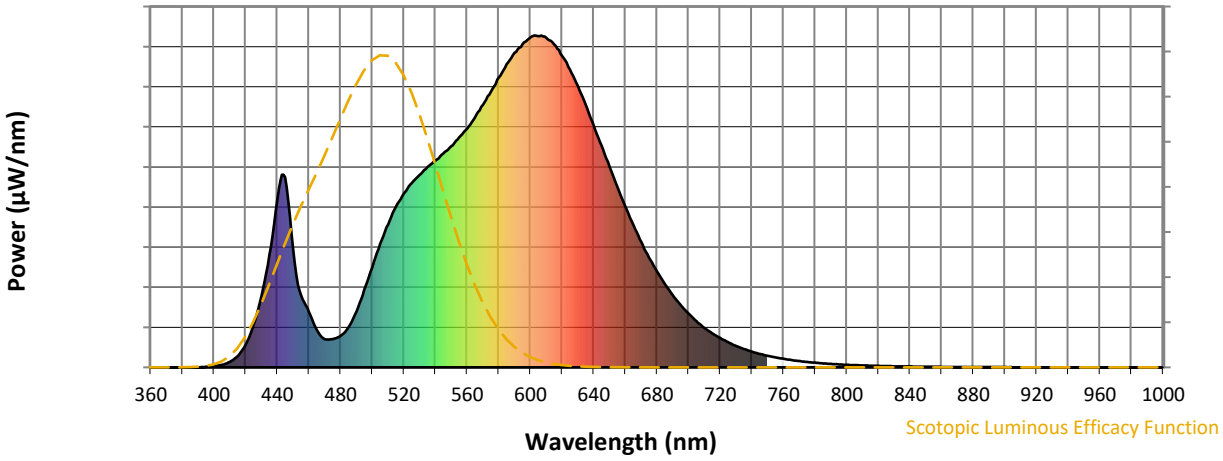
Scotopic Flux vs. Wavelength



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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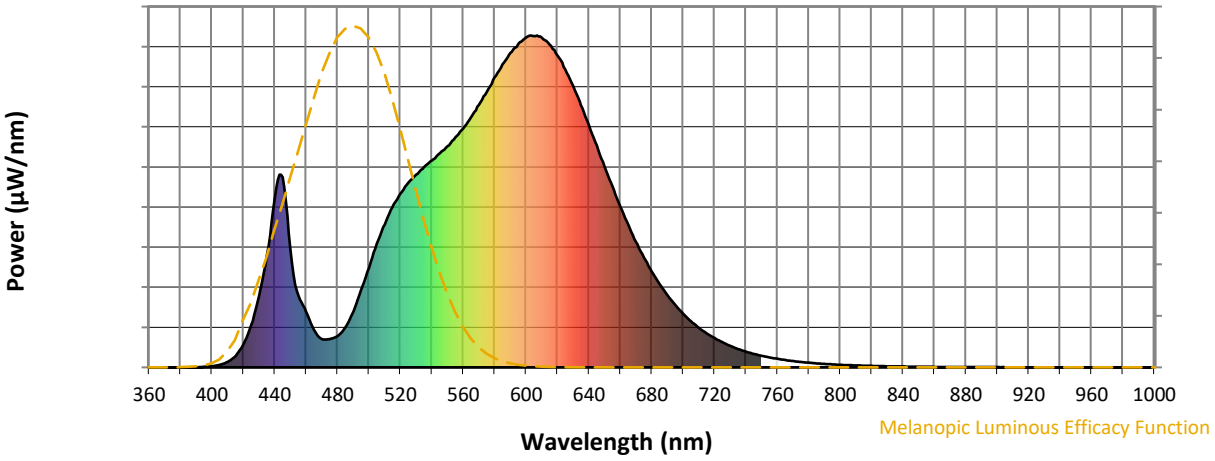
Melanopic Flux vs. Wavelength



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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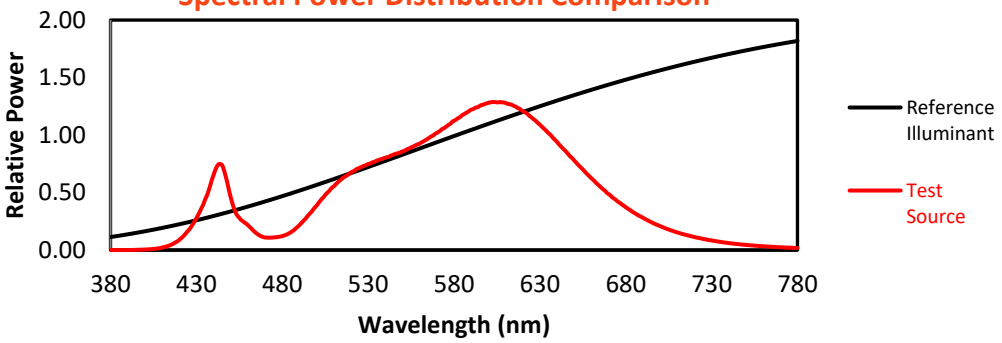
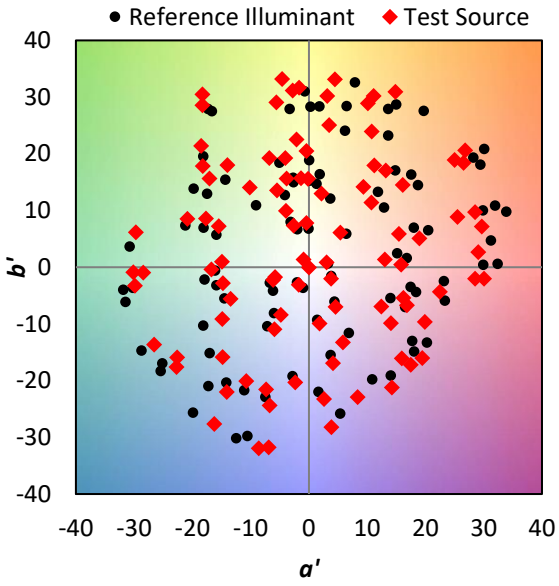
Summary

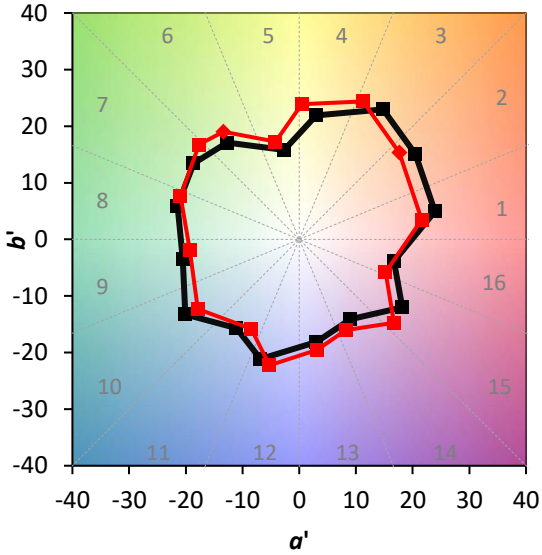
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

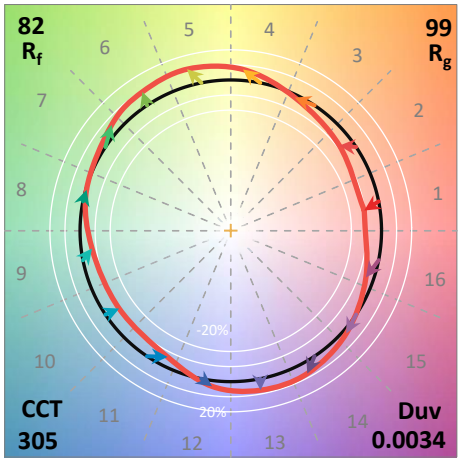
Spectral Power Distribution Comparison

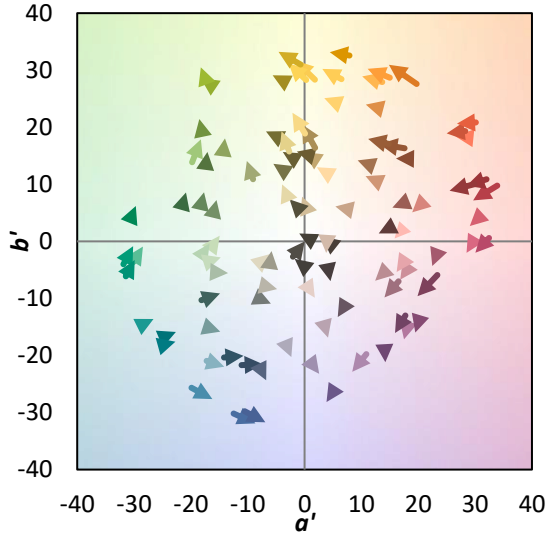


Color Vector Graphics









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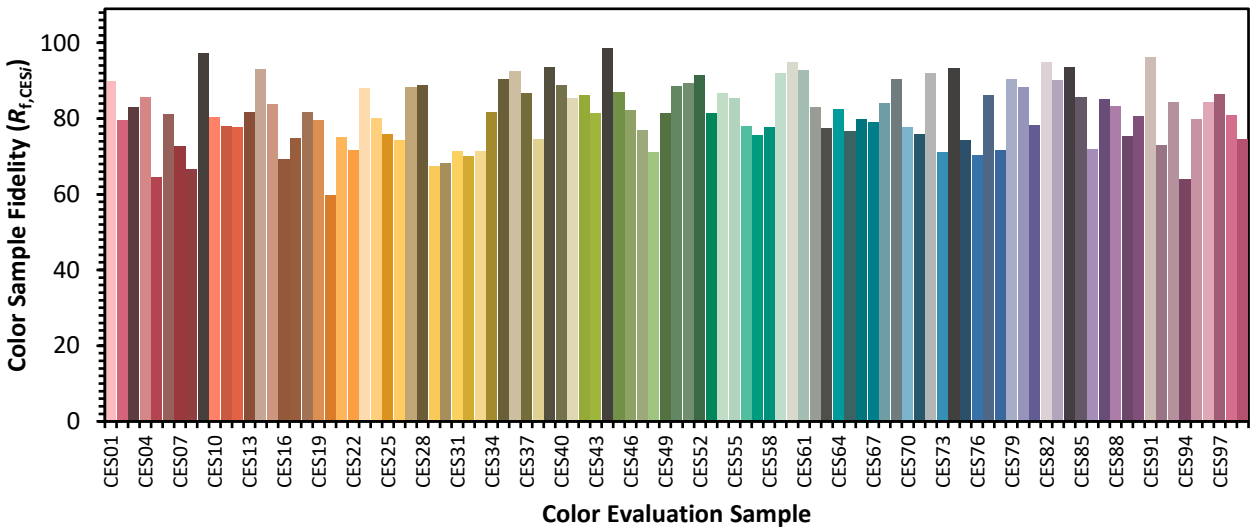
Individual Sample Fidelity Index ($R_{f,i}$)

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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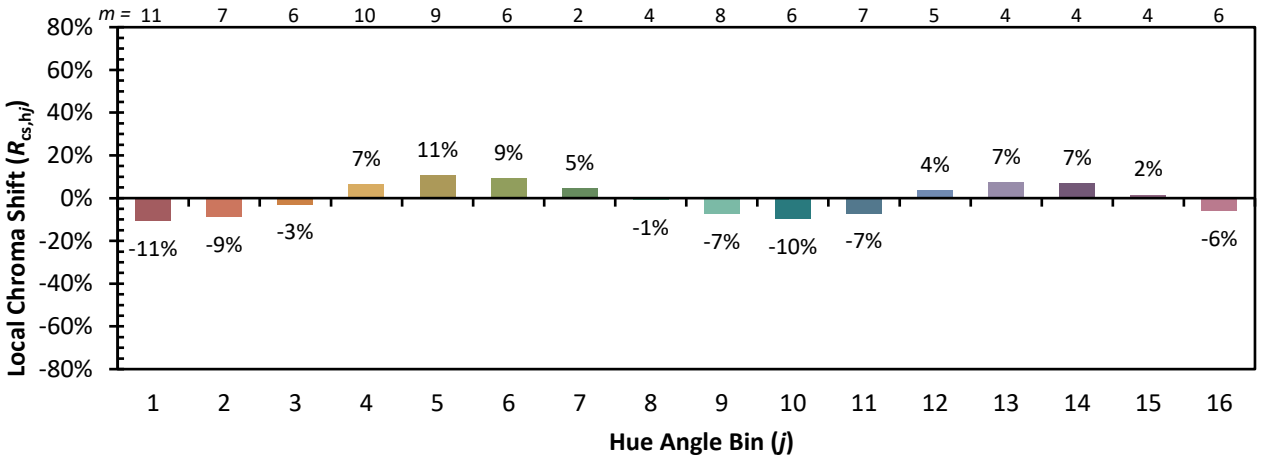
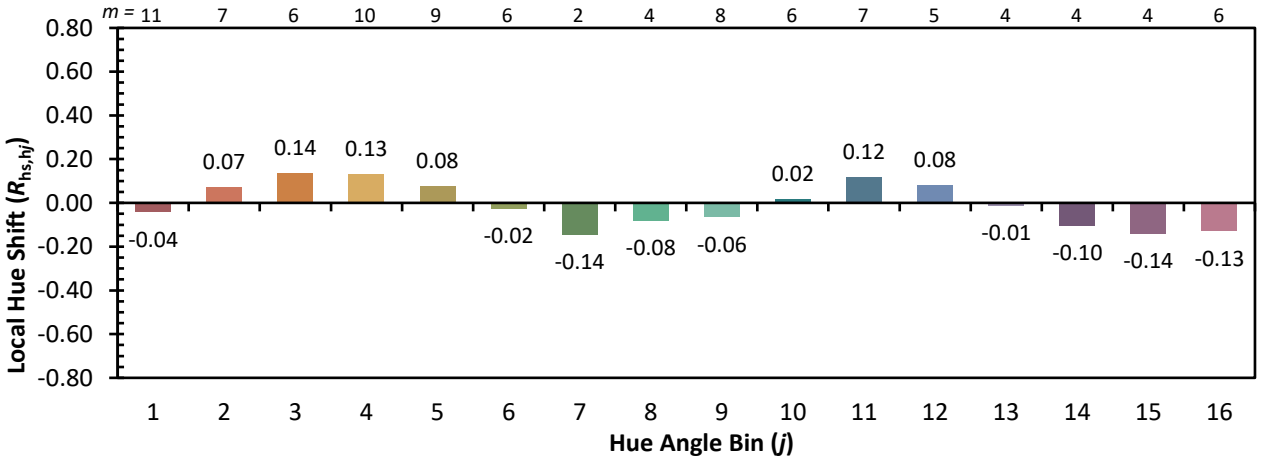
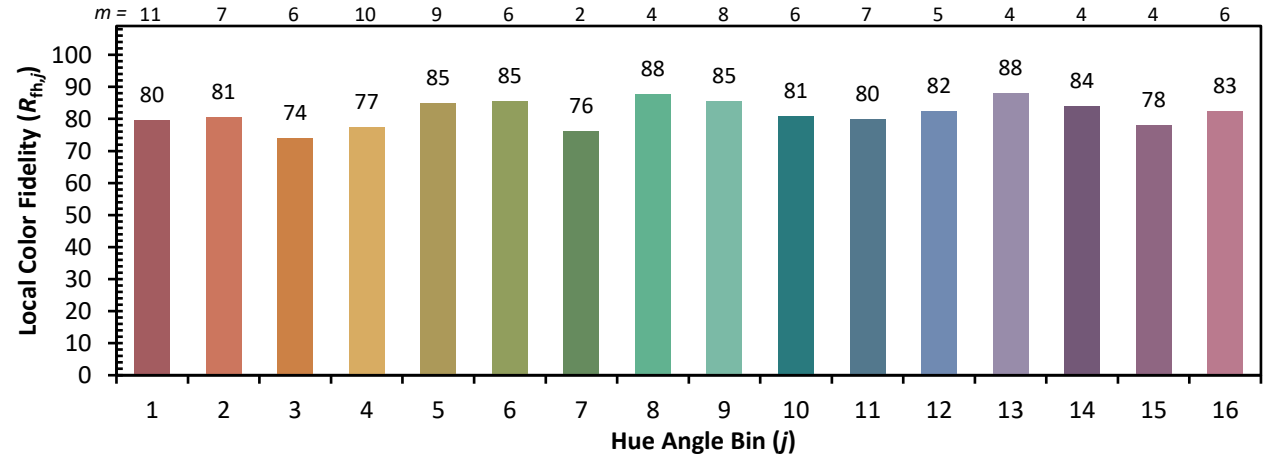
Color Rendition by Hue-Angle Bin







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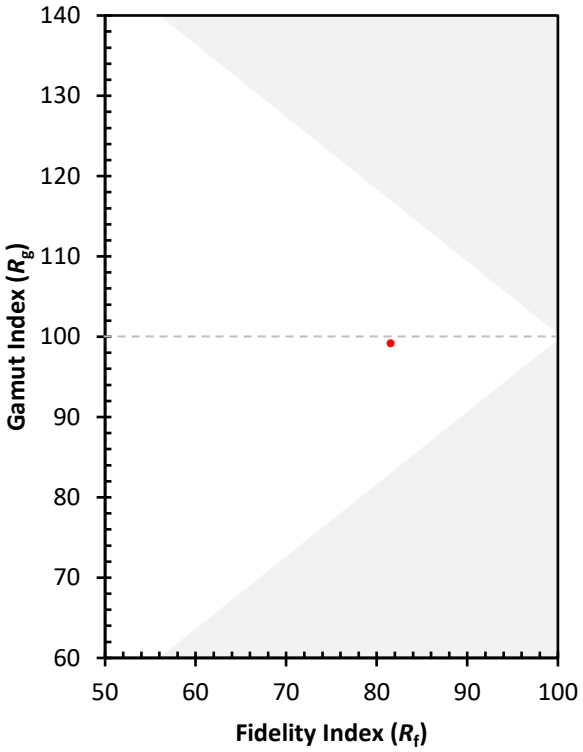
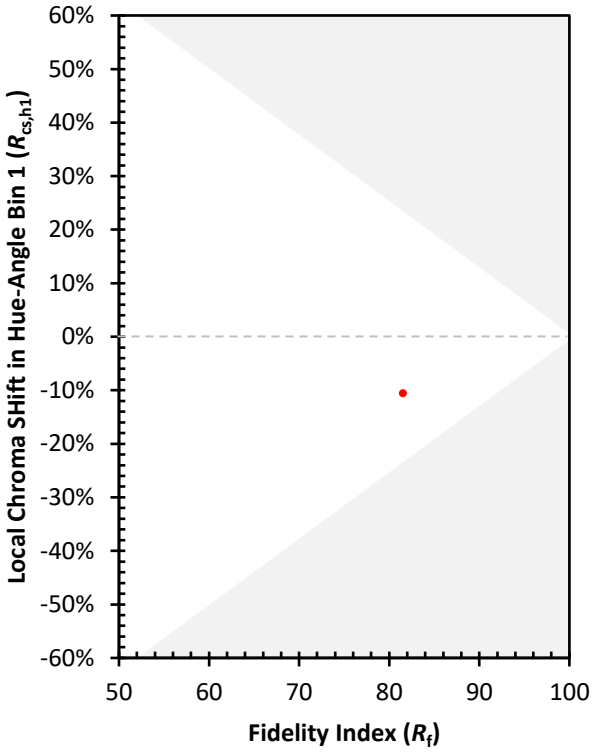
Measure Comparisons





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