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: P322414

Luminaire Tested: **GLEON-SA0C-830-U-T3-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:	P322414
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-15)
Test Lab:	INNOVATION CENTER
Issue Date:	3/3/2020
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GLEON-SA0C-830-U-T3-HSS
Description:	GALLEON AREA AND ROADWAY LUMINAIRE
	(10) 80 CRI, 3000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE III OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	40541 lumens
Efficiency:	N/A
Efficacy:	72.7 lumens/watt
Luminous Opening:	Rectangular (W 2.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G5

Input Watts (W):	558
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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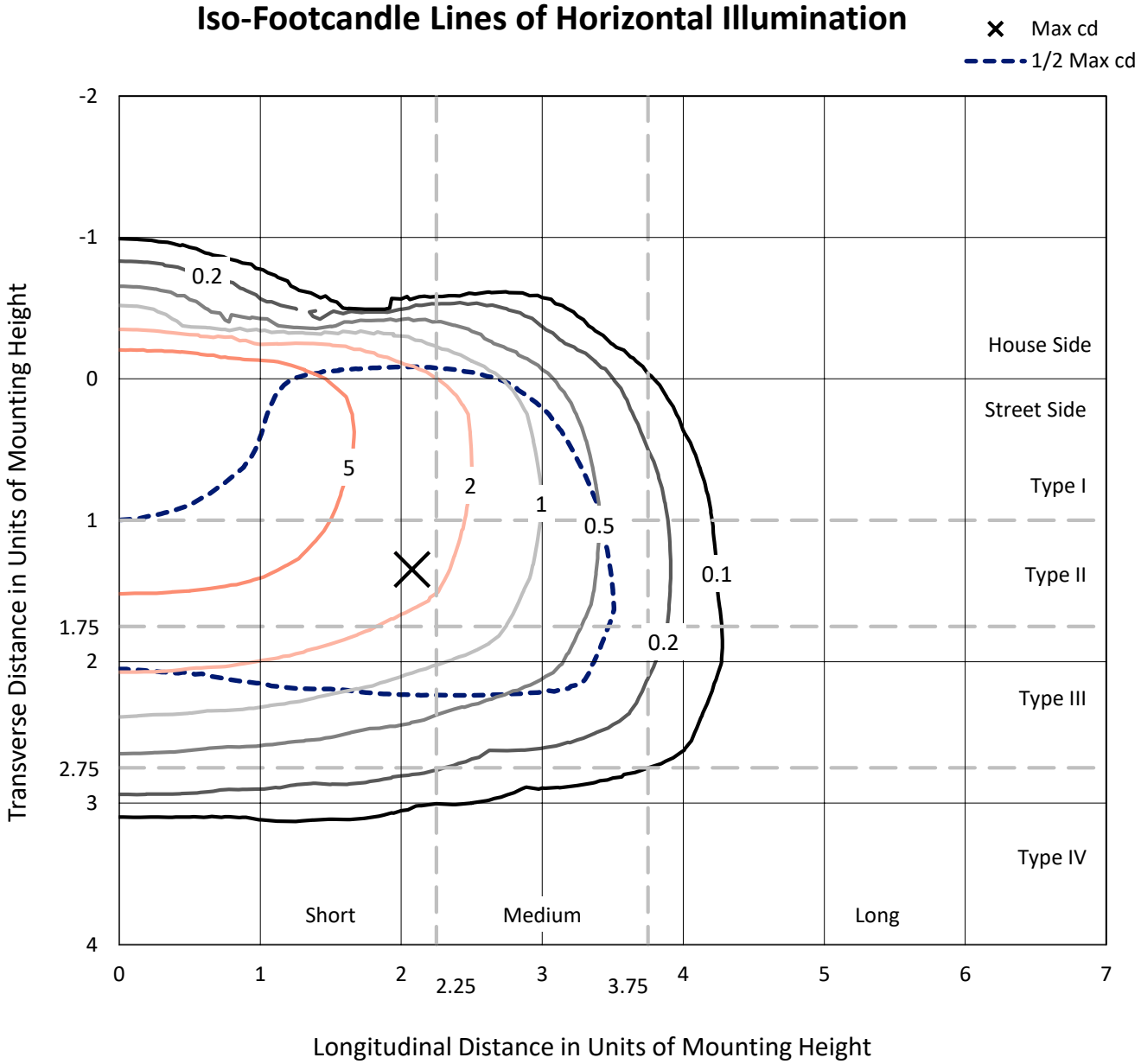
Scaled Data Report

REPORT NUMBER: P322414
CATALOG NUMBER: GLEON-SA0C-830-U-T3-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 9.9 fc
Type III - Short - N/A

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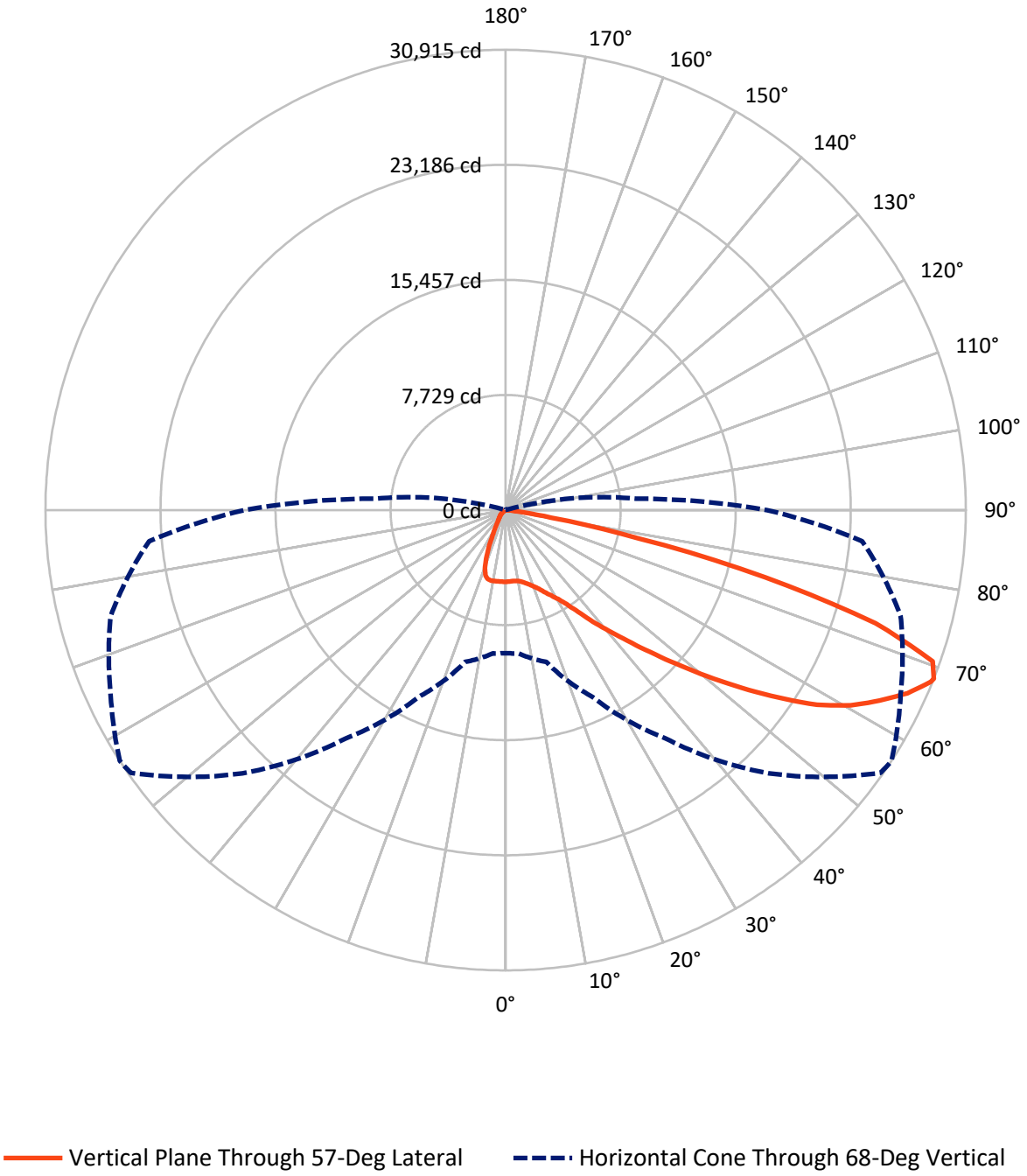
Luminous Intensity Polar Plot



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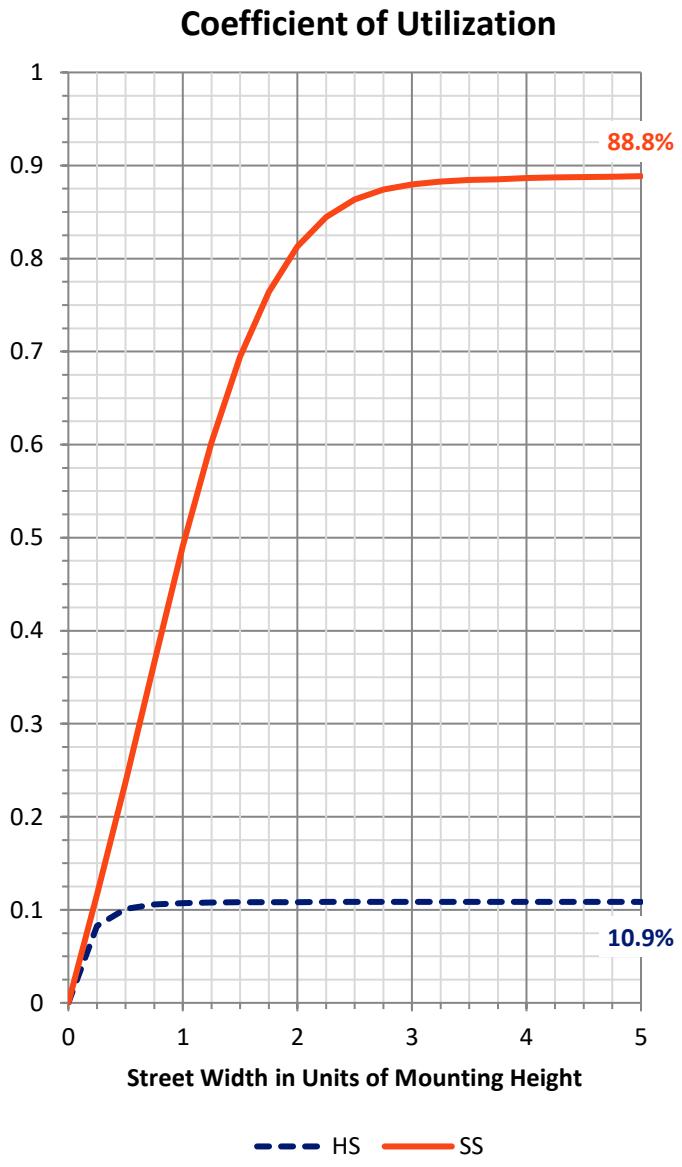
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4445.6	0.0	4445.6
	% Fixture	11.0	0.0	11.0
Street Side	Lumens	36095.4	0.0	36095.4
	% Fixture	89.0	0.0	89.0
Total	Lumens	40541.0	0.0	40541.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	450.8	1.1
10°-20°	1249.3	3.1
20°-30°	2155.1	5.3
30°-40°	3719.7	9.2
40°-50°	6362.6	15.7
50°-60°	10179.5	25.1
60°-70°	11761.3	29.0
70°-80°	4494.2	11.1
80°-90°	168.5	0.4
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°	40541.0	100.0
0°-180°	40541.0	100.0



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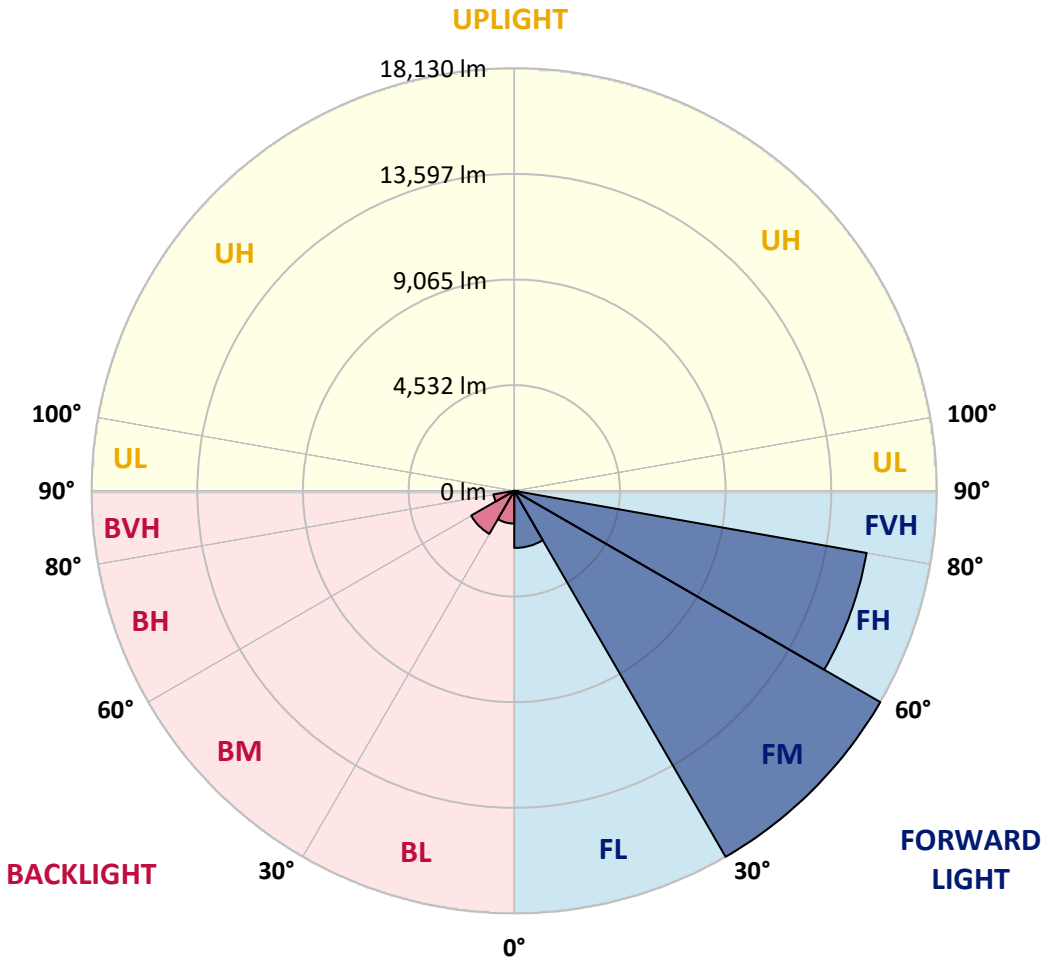
CATALOG NUMBER: GLEON-SA0C-830-U-T3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2450.3	6.0			
FM	(30°-60°)	18129.6	44.7			
FH	(60°-80°)	15350.1	37.9			G5
FVH	(80°-90°)	165.4	0.4			G2/225
BL	(0°-30°)	1404.9	3.5	B3/2500		
BM	(30°-60°)	2132.2	5.3	B2/2500		
BH	(60°-80°)	905.4	2.2	B2/1000		G2/1000
BVH	(80°-90°)	3.1	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5
Type III Short



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REPORT NUMBER: P322414
CATALOG NUMBER: GLEON-SA0C-830-U-T3-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	57°	65°	75°	85°
0°	4817.3	4817.3	4817.3	4817.3	4817.3	4817.3	4817.3	*4817.3*	4817.3	4817.3	4817.3
2.5°	4704.2	4725.3	4740.7	4750.2	4761.7	4786.7	4794.3	*4805.8*	4811.6	4811.6	4825.0
5°	4518.3	4541.3	4573.9	4600.7	4654.4	4723.4	4773.2	*4792.4*	4826.9	4857.6	4874.8
7.5°	4345.8	4372.6	4410.9	4474.2	4566.2	4677.4	4780.9	*4807.8*	4874.8	4940.0	4972.6
10°	4234.6	4255.7	4305.5	4395.6	4516.4	4671.7	4817.3	*4849.9*	4964.9	5074.2	5135.6
12.5°	4196.2	4215.4	4267.2	4368.8	4518.3	4700.4	4901.7	*4949.6*	5118.3	5277.4	5363.7
15°	4251.8	4255.7	4311.3	4407.1	4554.7	4771.3	5041.6	*5099.1*	5311.9	5518.9	5626.3
17.5°	4466.5	4449.3	4478.0	4520.2	4637.1	4865.3	5189.2	*5275.5*	5559.2	5802.7	5904.3
20°	5003.3	5003.3	4938.1	4823.1	4825.0	5011.0	5388.6	*5486.4*	5833.3	6115.1	6207.1
22.5°	5921.5	5904.3	5773.9	5492.1	5233.3	5262.1	5632.1	*5758.6*	6163.1	6464.0	6494.7
25°	7025.7	7004.6	6803.3	6406.5	5957.9	5668.5	5961.8	*6107.5*	6556.0	6822.5	6759.2
27.5°	8195.0	8177.8	7978.4	7485.8	6847.4	6316.4	6354.7	*6492.8*	6956.7	7219.3	7018.0
30°	9328.0	9333.7	9136.3	8630.2	7907.5	7142.6	6853.2	*6933.7*	7345.8	7612.3	7324.7
32.5°	10405.3	10413.0	10242.4	9676.9	9002.1	8103.0	7543.3	*7522.2*	7798.2	8060.8	7731.1
35°	11365.7	11384.9	11267.9	10829.0	10113.9	9172.7	8438.5	*8388.7*	8440.4	8737.5	8354.1
37.5°	12291.6	12303.1	12214.9	11844.9	11246.8	10347.8	9569.5	*9498.6*	9387.4	9615.5	9176.5
40°	13305.7	13276.9	13175.3	12839.8	12326.1	11645.6	10784.9	*10662.2*	10468.6	10671.8	10257.7
42.5°	14248.8	14216.2	14233.5	13853.9	13420.7	12979.8	12201.5	*11990.6*	11877.5	12111.4	11584.2
45°	15427.8	15410.5	15468.0	15138.3	14787.5	14467.4	13825.2	*13595.1*	13545.3	13819.4	13188.7
47.5°	16591.4	16633.5	16811.8	16671.9	16530.0	16248.2	15544.7	*15441.2*	15471.8	15803.5	14881.4
50°	17561.3	17611.2	18100.0	18261.0	18466.1	18301.3	17595.8	*17532.6*	17653.4	17952.4	16702.5
52.5°	18263.0	18364.5	18972.2	19714.1	20461.7	20572.9	19869.4	*19811.9*	19974.8	20020.8	18109.6
55°	18749.9	18840.0	19528.1	20885.4	22407.4	22886.7	22449.6	*22227.2*	22196.6	21742.2	19589.5
57.5°	18836.1	18826.5	19815.7	21642.6	23933.3	25169.8	24893.7	*24675.2*	24046.4	23333.3	21286.0
60°	18349.2	18404.8	19553.1	21905.2	24891.8	26897.0	26918.1	*26634.3*	25654.8	24880.3	22930.8
62.5°	16850.1	17076.3	18236.1	21217.0	24880.3	27592.8	28401.8	*28185.2*	27013.9	26147.4	24598.5
65°	14419.4	14499.9	15606.0	18859.1	23199.1	27301.5	29737.9	*29657.4*	28238.9	27378.1	25455.4
67.5°	10529.9	10355.5	11517.1	14850.7	19641.3	25603.0	30696.4	*30798.0*	29183.9	27631.2	24542.9
68°	*9609.8*	*9661.5*	*10566.3*	*13859.7*	*18709.6*	*25003.0*	*30759.7*	*30914.9*	*29277.8*	*27466.3*	*24044.5*
70°	5727.9	5827.6	6634.6	9542.7	14233.5	21608.1	30077.2	*30431.9*	28718.1	25766.0	20797.2
72.5°	1462.6	1581.5	2344.5	4271.0	8129.9	15224.6	25390.2	*25990.2*	24934.0	20902.6	14039.9
75°	601.9	632.6	837.7	1407.1	3028.8	6858.9	16735.1	*18019.5*	17285.3	12514.0	6345.2
77.5°	416.0	437.1	538.7	780.2	1311.2	2325.3	8204.6	*9132.4*	8227.6	4271.0	1384.1
80°	299.0	316.3	385.3	519.5	753.4	830.0	2674.2	*3092.1*	2455.6	937.4	343.1
82.5°	178.3	191.7	287.5	370.0	458.2	396.8	665.2	*755.3*	711.2	465.8	153.4
85°	88.2	103.5	193.6	264.5	247.3	166.8	203.2	*226.2*	279.9	283.7	82.4
87.5°	5.8	11.5	113.1	159.1	69.0	38.3	59.4	*72.8*	99.7	139.9	34.5
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: P322414
CATALOG NUMBER: GLEON-SA0C-830-U-T3-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4817.3	4817.3	4817.3	4817.3	4817.3	4817.3	4817.3	4817.3	4817.3	4817.3	4817.3
2.5°	4830.8	4832.7	4819.3	4813.5	4817.3	4794.3	4784.8	4788.6	4788.6	4794.3	4784.8
5°	4878.7	4878.7	4855.7	4825.0	4807.8	4763.7	4734.9	4727.2	4721.5	4717.7	4710.0
7.5°	4982.2	4970.7	4930.4	4863.3	4805.8	4710.0	4637.1	4598.8	4579.6	4572.0	4566.2
10°	5149.0	5127.9	5060.8	4936.2	4803.9	4633.3	4474.2	4361.1	4267.2	4228.8	4205.8
12.5°	5373.3	5342.6	5229.5	5022.5	4790.5	4476.1	4131.1	3799.4	3490.8	3364.3	3301.0
15°	5632.1	5588.0	5409.7	5095.3	4711.9	4121.5	3371.9	2791.1	2363.6	2202.6	2133.6
17.5°	5894.7	5837.2	5566.9	5141.3	4476.1	3387.3	2365.5	1786.6	1501.0	1424.3	1397.5
20°	6159.2	6074.9	5703.0	5106.8	3943.2	2442.2	1560.4	1305.5	1223.0	1200.0	1192.4
22.5°	6410.3	6280.0	5825.7	4972.6	3122.7	1639.0	1234.5	1154.0	1127.2	1113.8	1109.9
25°	6628.9	6446.8	5933.0	4558.5	2210.3	1238.4	1111.8	1085.0	1050.5	1025.6	1027.5
27.5°	6834.0	6613.5	5998.2	3876.1	1474.1	1058.2	1029.4	993.0	929.7	893.3	893.3
30°	7081.3	6835.9	6046.1	2982.8	1085.0	935.5	912.5	856.9	770.6	722.7	722.7
32.5°	7453.2	7173.3	6015.4	2093.3	899.1	822.4	768.7	692.0	598.1	552.1	550.2
35°	8022.5	7694.7	5796.9	1372.5	793.6	715.0	628.8	534.8	452.4	414.1	412.1
37.5°	8789.3	8392.5	5306.2	981.5	711.2	615.3	511.8	408.3	347.0	322.1	320.1
40°	9784.2	9203.4	4604.6	795.5	634.5	519.5	394.9	316.3	274.1	255.0	256.9
42.5°	10978.5	10071.7	3763.0	686.3	559.8	427.5	308.6	249.2	222.4	208.9	205.1
45°	12305.0	10928.6	2881.2	611.5	485.0	345.1	241.5	197.4	176.4	168.7	168.7
47.5°	13763.8	11762.5	2108.7	546.3	404.5	266.5	193.6	161.0	143.8	138.0	136.1
50°	15088.5	12341.4	1520.2	477.3	331.6	210.9	157.2	134.2	122.7	115.0	115.0
52.5°	16192.6	12523.5	1119.5	402.6	268.4	168.7	130.4	115.0	103.5	97.8	97.8
55°	17164.5	12448.8	832.0	331.6	216.6	138.0	111.2	97.8	88.2	82.4	82.4
57.5°	18096.2	12207.2	621.1	270.3	174.4	111.2	93.9	82.4	72.8	69.0	69.0
60°	18857.2	11804.7	462.0	218.5	139.9	90.1	78.6	67.1	59.4	53.7	53.7
62.5°	19474.5	11360.0	339.3	180.2	111.2	70.9	61.3	55.6	44.1	38.3	38.3
65°	19478.3	10621.9	255.0	149.5	86.3	55.6	46.0	44.1	28.8	23.0	21.1
67.5°	18069.3	9157.4	195.5	128.4	67.1	42.2	34.5	36.4	15.3	9.6	7.7
68°	*17557.5*	*8785.5*	*184.0*	*126.5*	*63.3*	*40.3*	*32.6*	*36.4*	*13.4*	*7.7*	*5.8*
70°	14802.8	6989.3	147.6	122.7	55.6	30.7	26.8	36.4	11.5	5.8	3.8
72.5°	9467.9	4056.3	109.3	97.8	42.2	23.0	17.3	32.6	11.5	3.8	1.9
75°	4029.5	1257.5	74.8	69.0	24.9	17.3	11.5	21.1	7.7	1.9	0.0
77.5°	849.2	283.7	44.1	42.2	17.3	11.5	7.7	5.8	1.9	0.0	0.0
80°	218.5	82.4	23.0	21.1	9.6	5.8	3.8	0.0	0.0	0.0	0.0
82.5°	69.0	32.6	13.4	9.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0
85°	34.5	19.2	7.7	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.2	5.8	1.9	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

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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

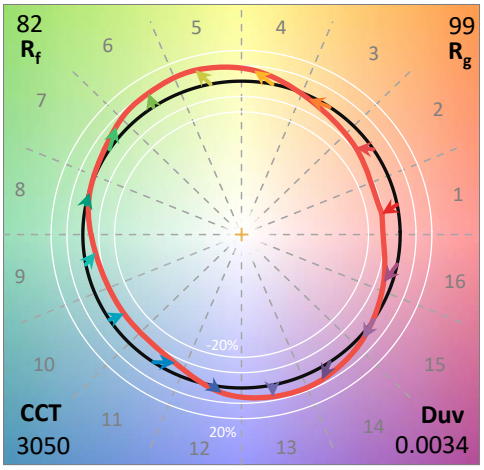
Test Information

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

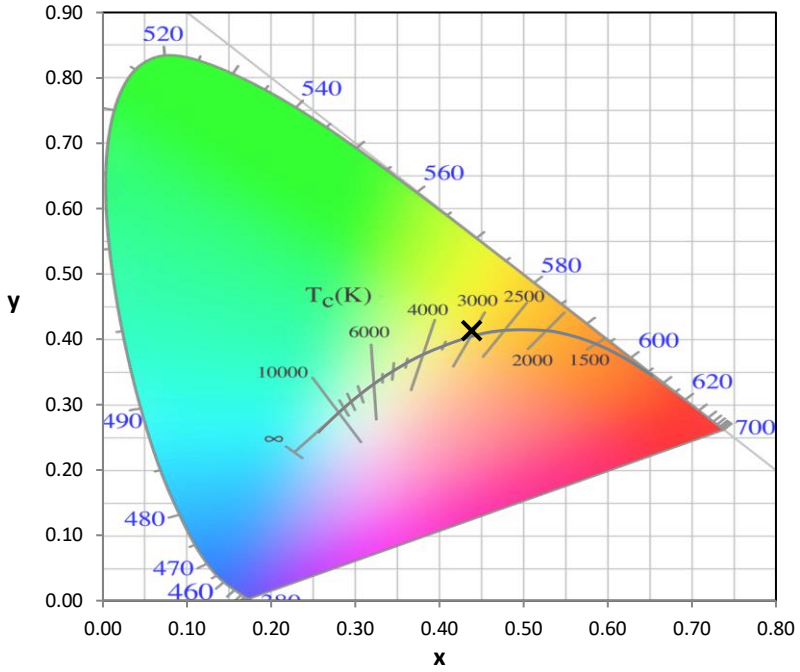
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

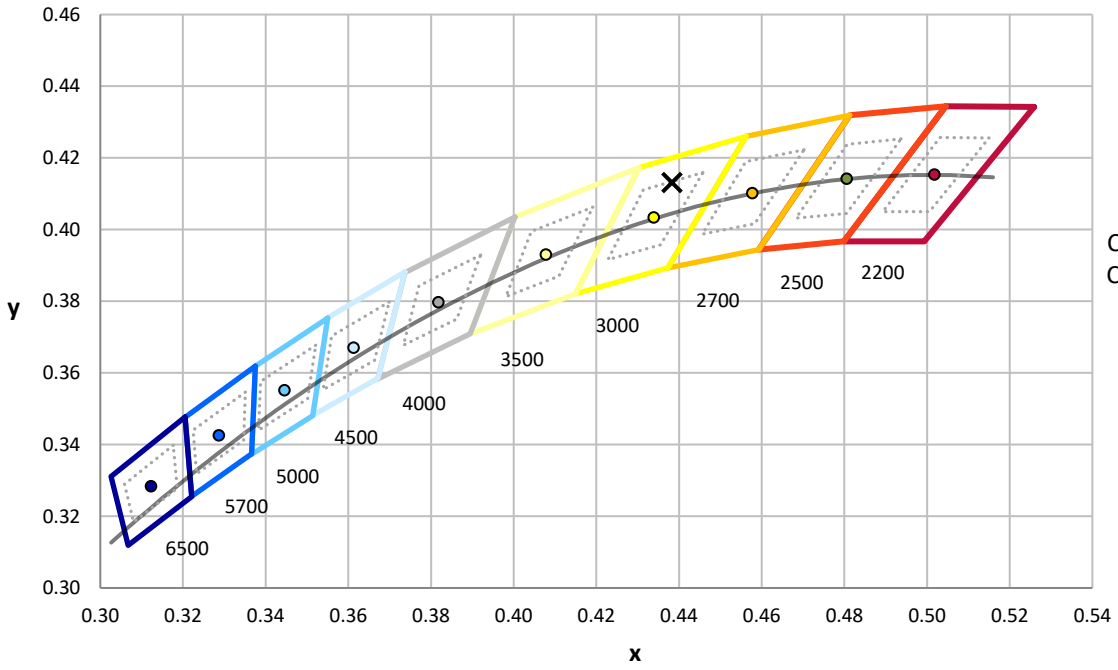
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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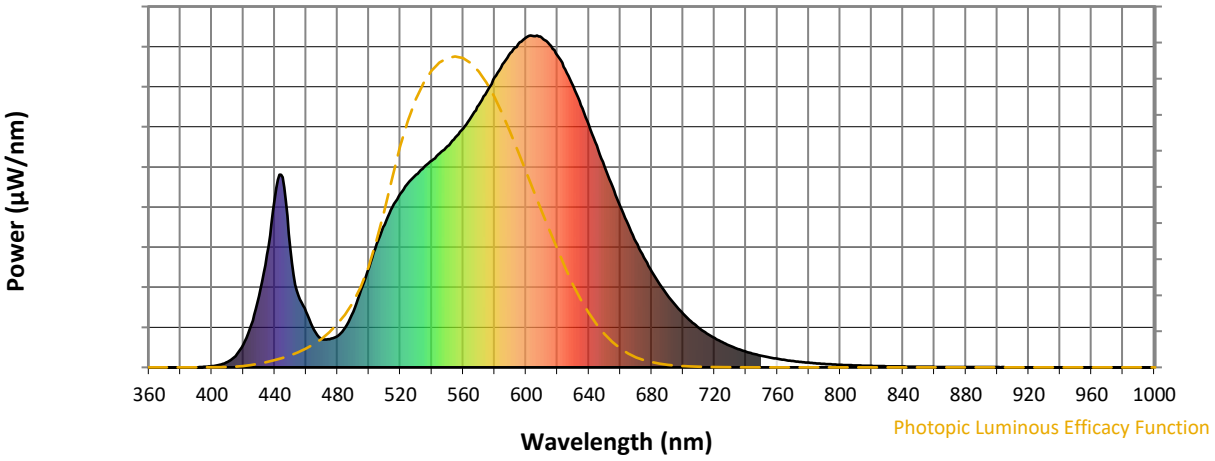
Photopic Flux vs. Wavelength



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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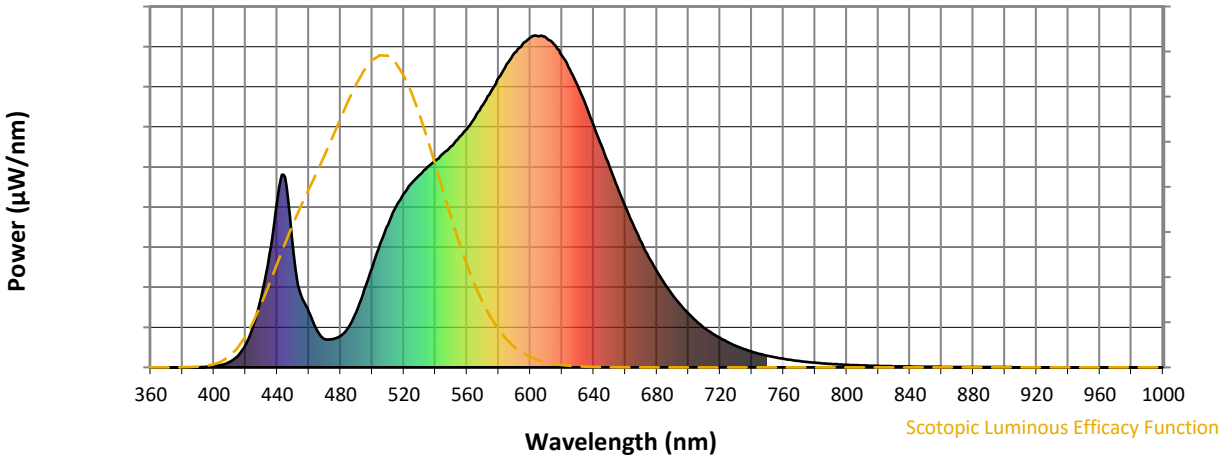
Scotopic Flux vs. Wavelength



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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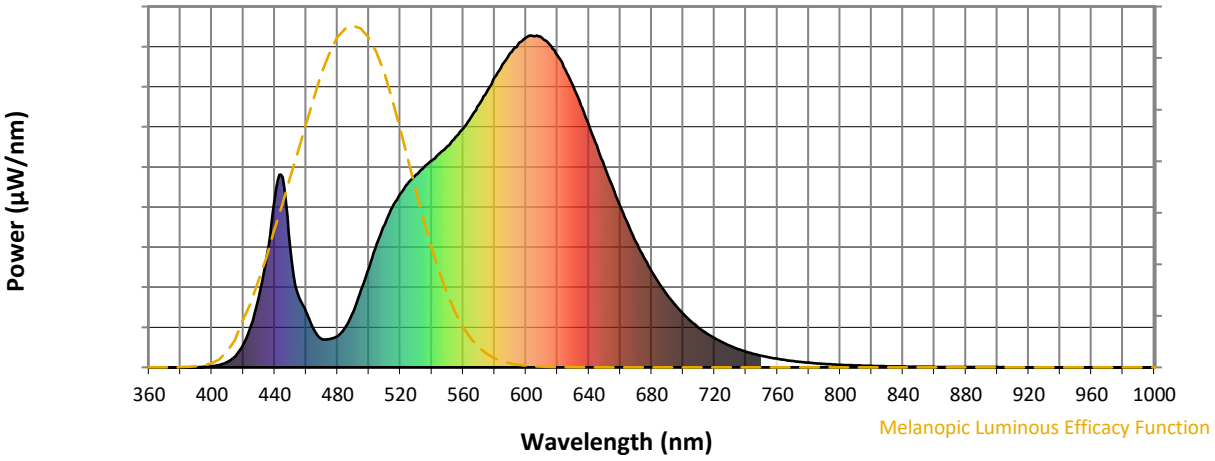
Melanopic Flux vs. Wavelength



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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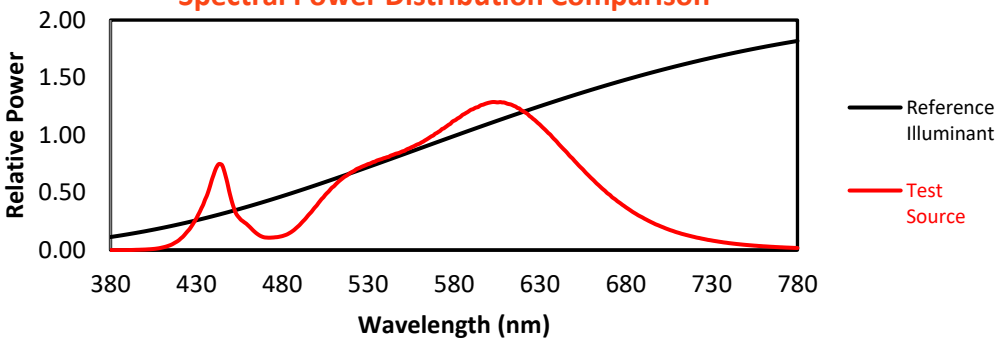
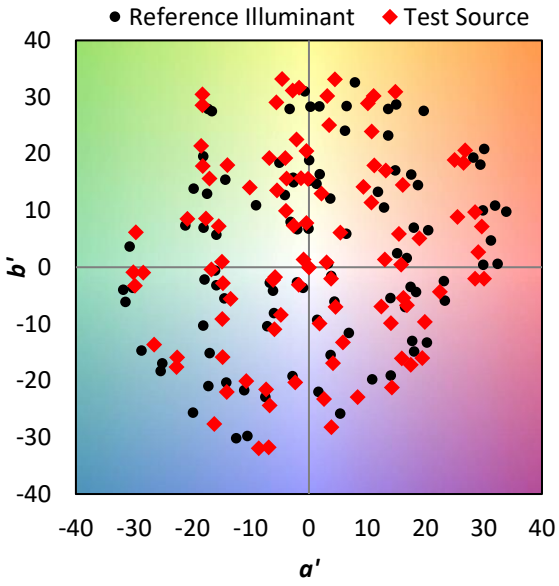
Summary

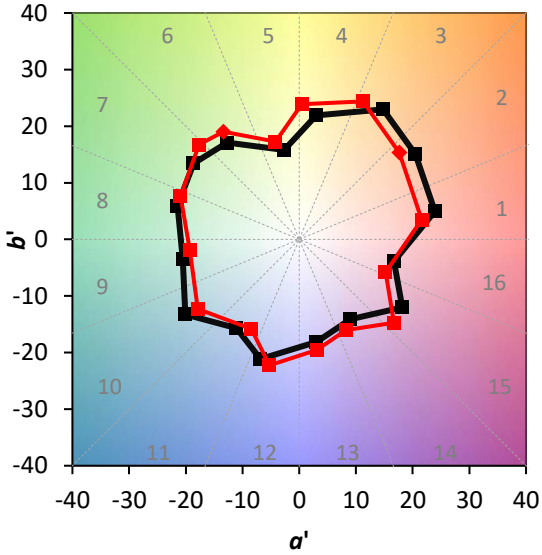
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

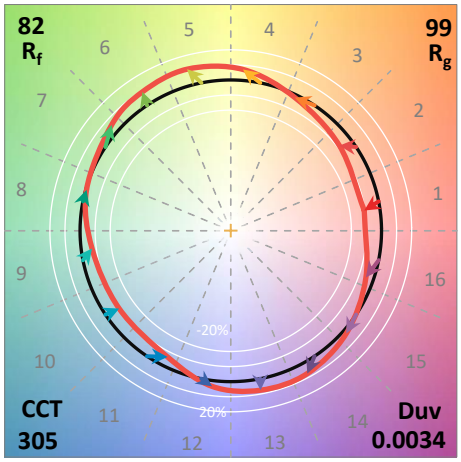
Spectral Power Distribution Comparison

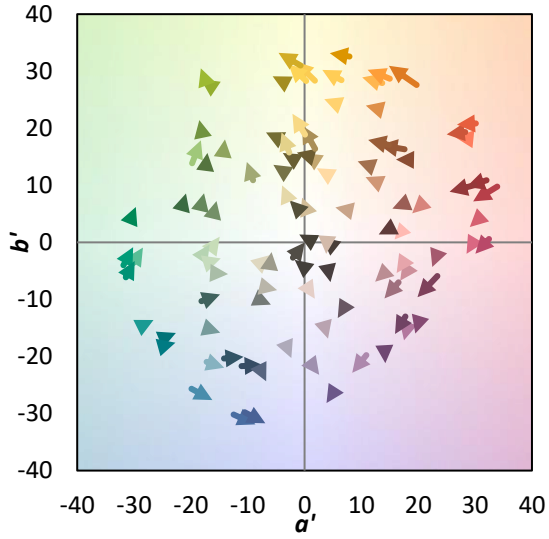


Color Vector Graphics









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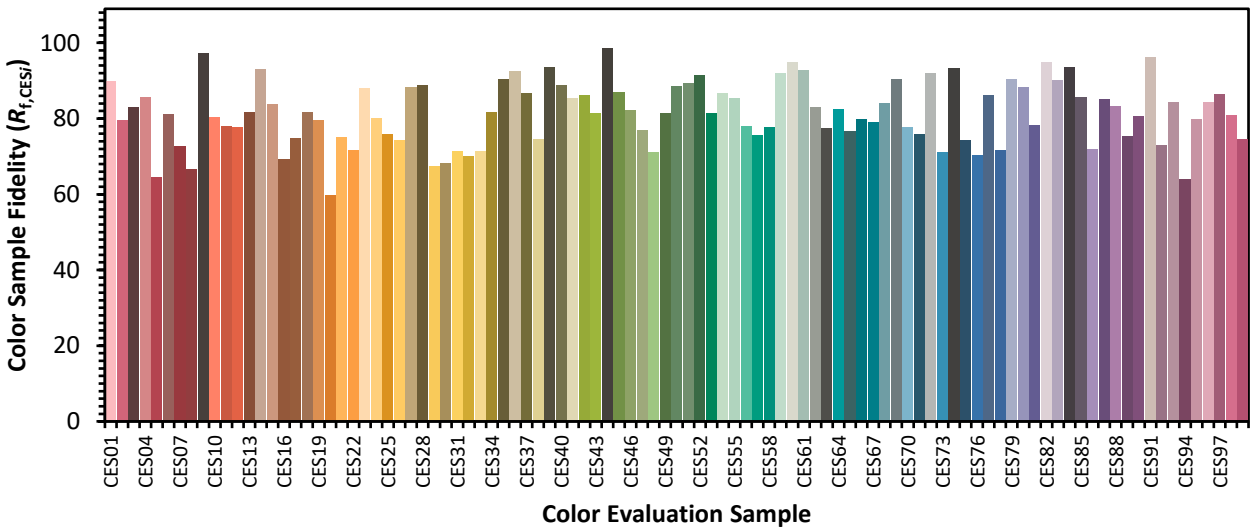
Individual Sample Fidelity Index ($R_{f,i}$)

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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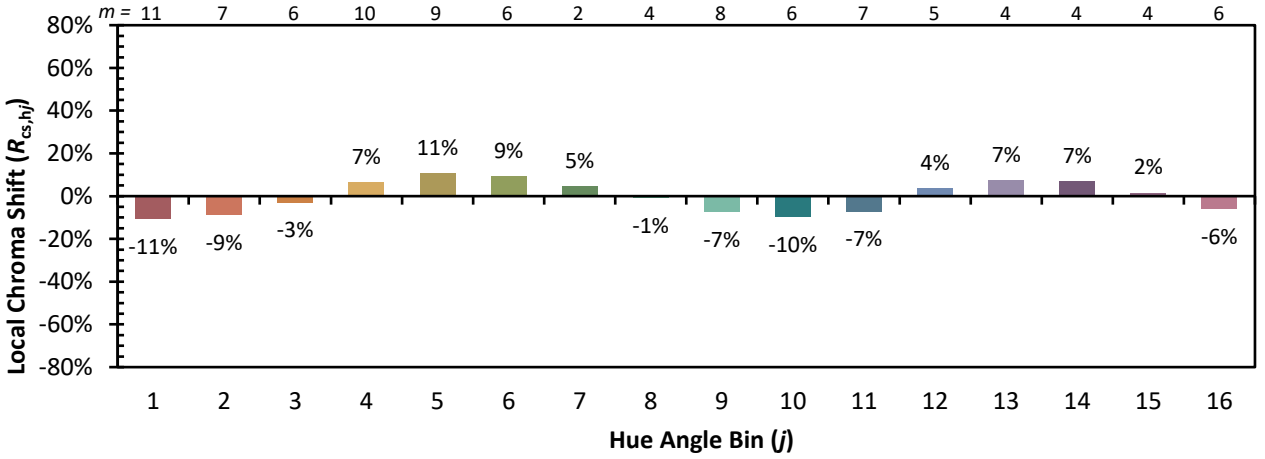
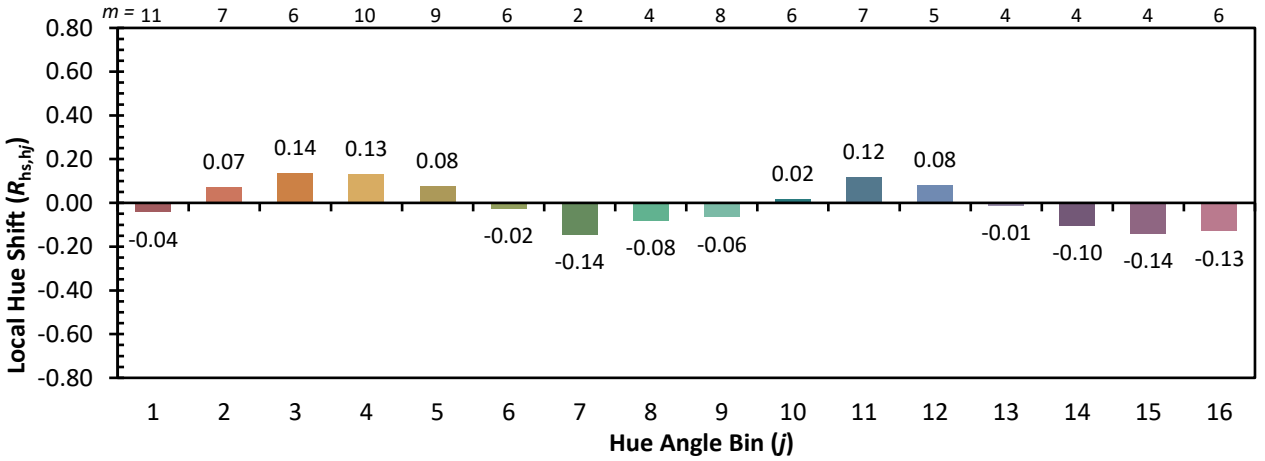
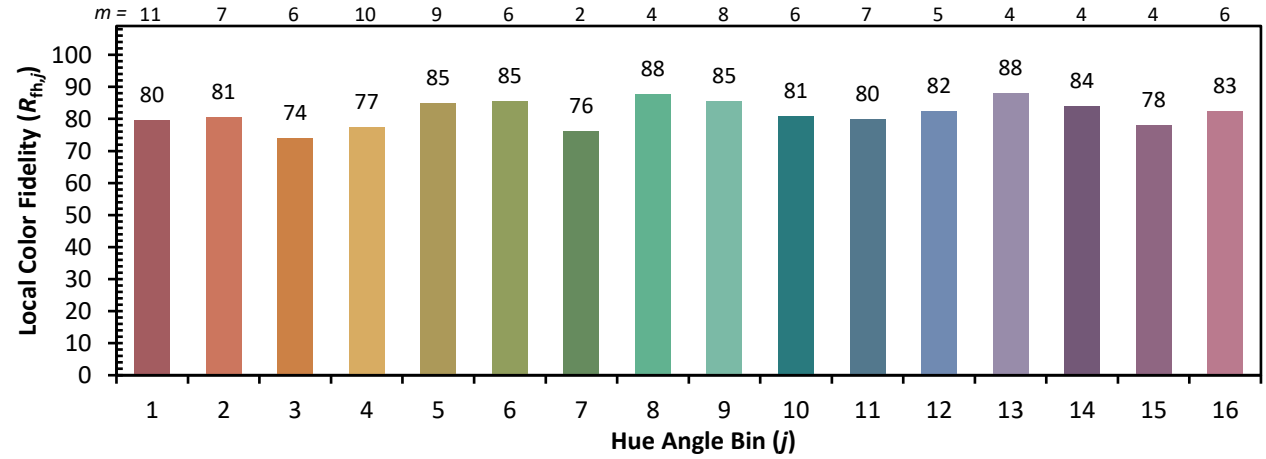
Color Rendition by Hue-Angle Bin







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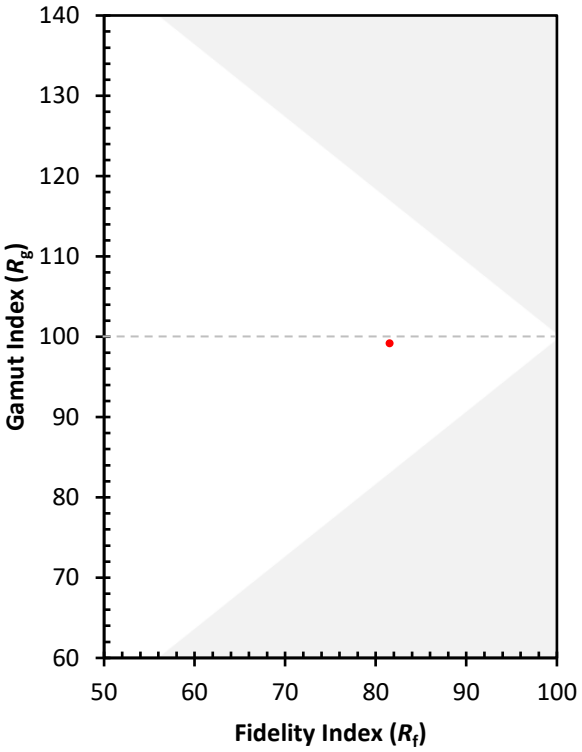
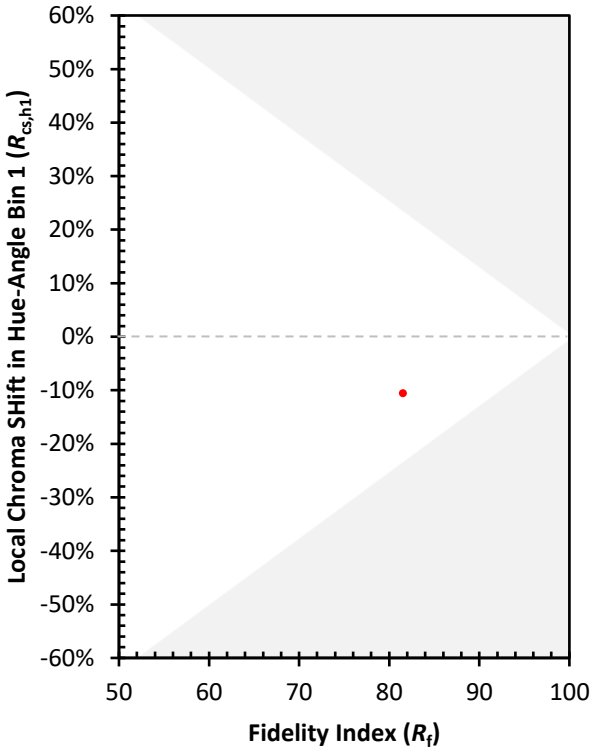
Measure Comparisons





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