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: P321770

Luminaire Tested: **GLEON-SA6C-830-U-T3R-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:	P321770
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-11)
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-T3R-HSS
Description:	GALLEON AREA AND ROADWAY LUMINAIRE
	(6) 80 CRI, 3000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE III ROADWAY OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	25855 lumens
Efficiency:	N/A
Efficacy:	77.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B2 - 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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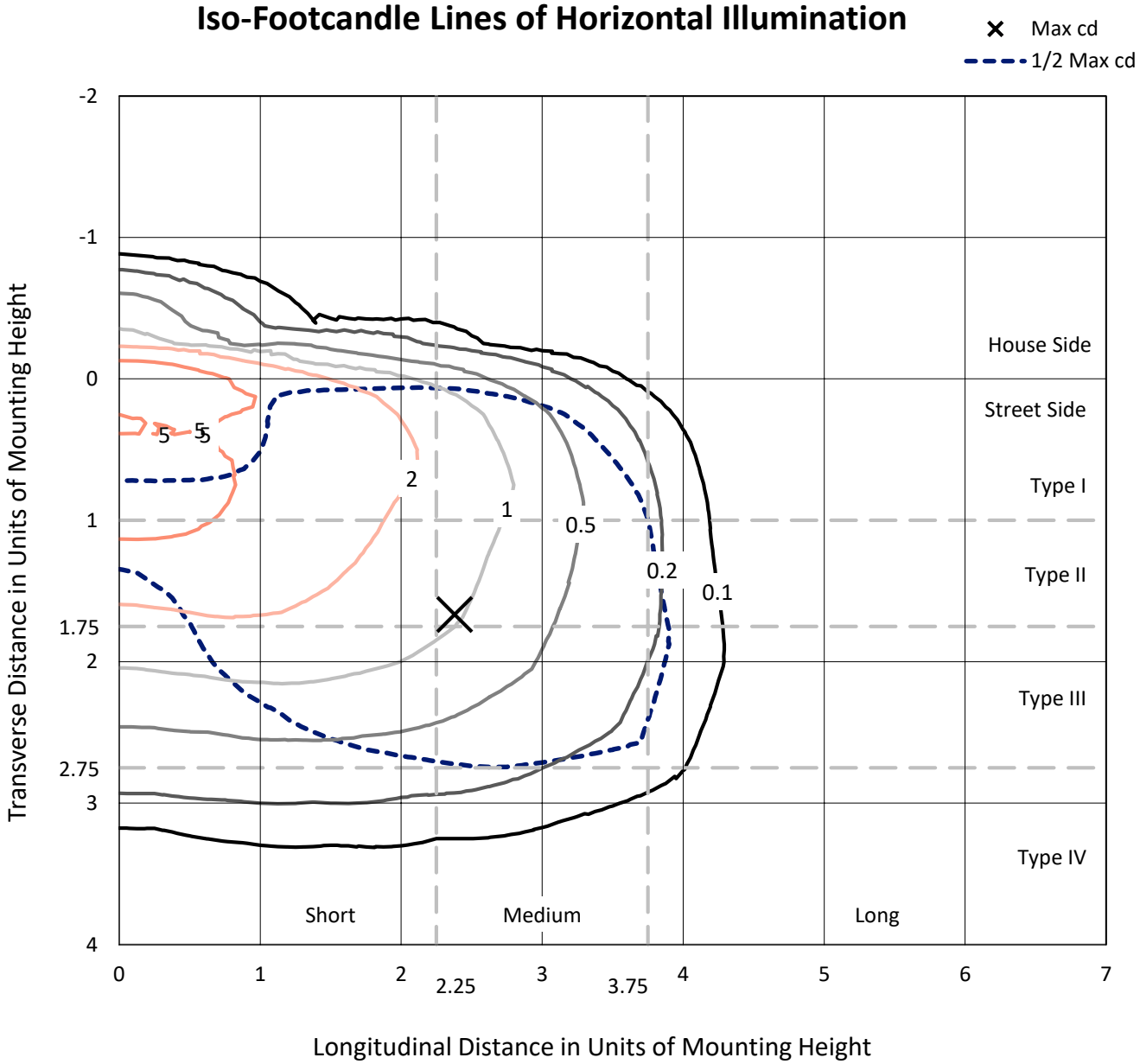
Scaled Data Report

REPORT NUMBER: P321770
CATALOG NUMBER: GLEON-SA6C-830-U-T3R-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 8.2 fc
Type III - Medium - N/A

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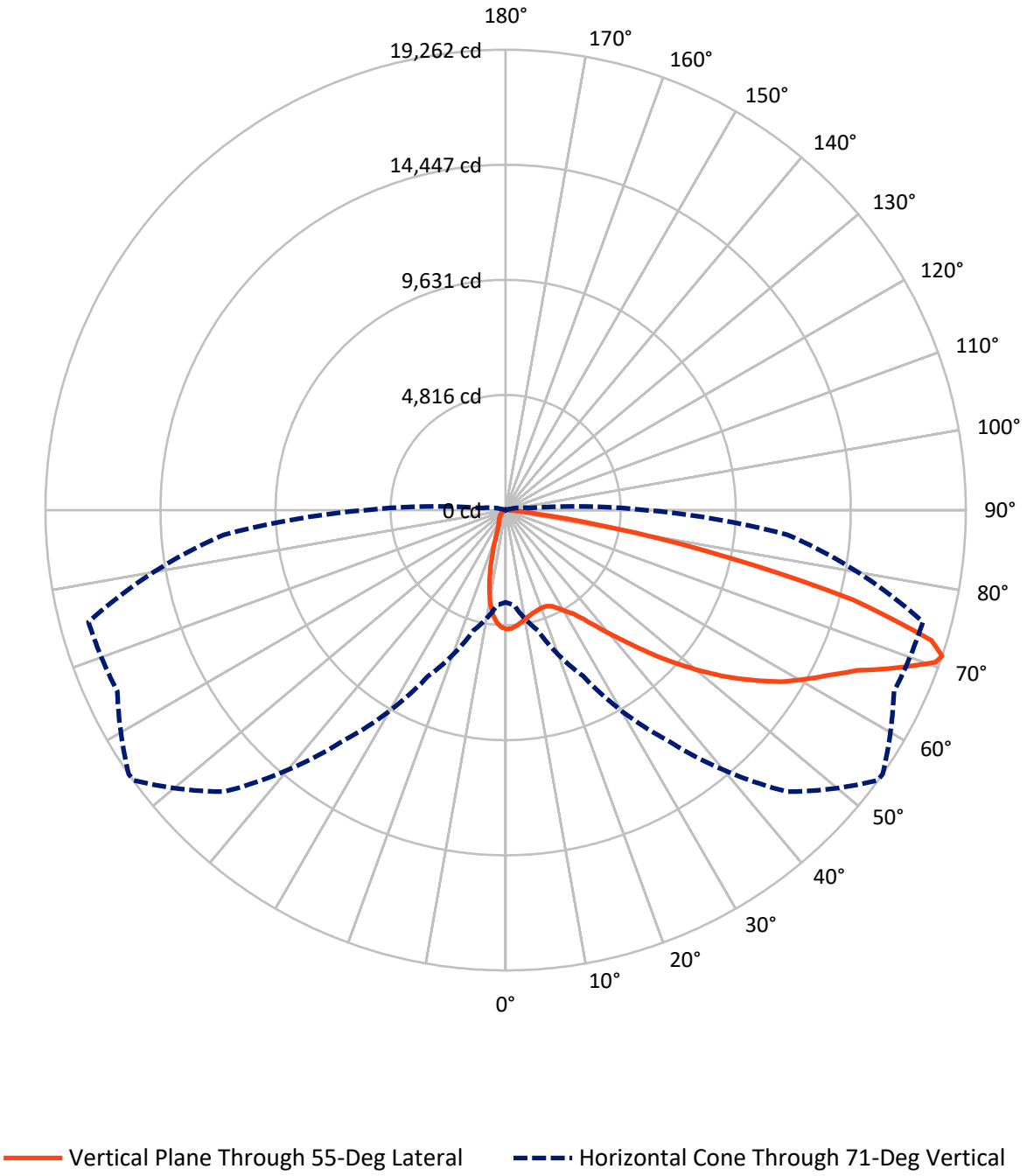
REPORT NUMBER: P321770
CATALOG NUMBER: GLEON-SA6C-830-U-T3R-HSS

Luminous Intensity Polar Plot



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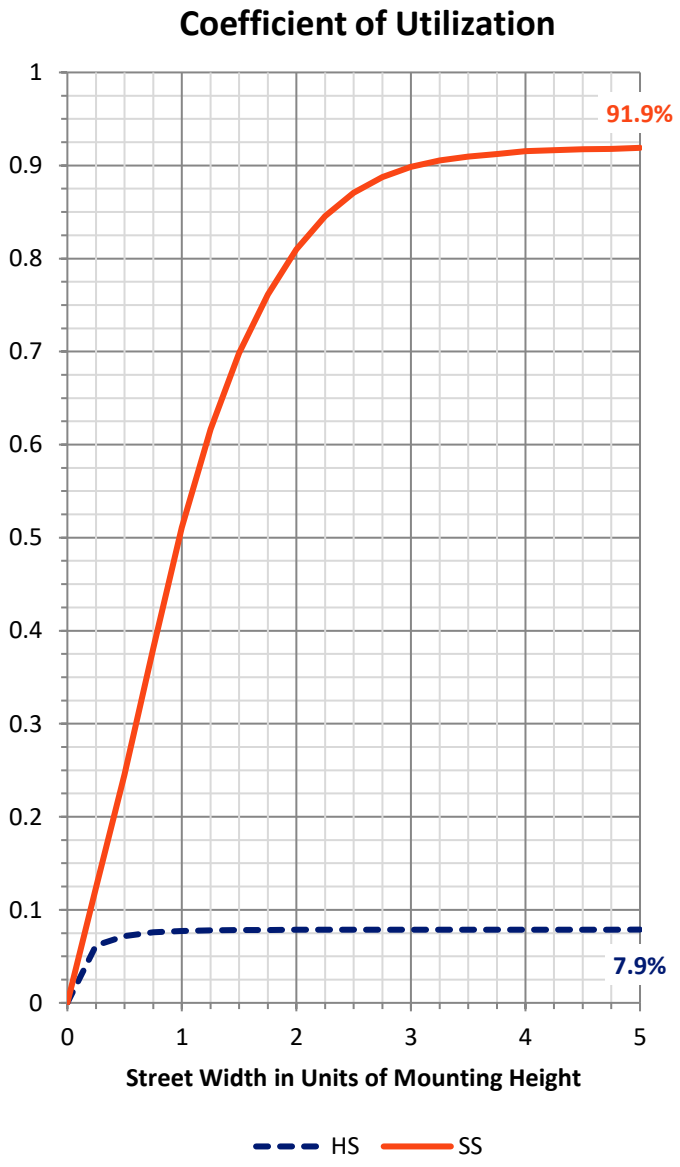
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2047.0	0.0	2047.0
	% Fixture	7.9	0.0	7.9
Street Side	Lumens	23808.0	0.0	23808.0
	% Fixture	92.1	0.0	92.1
Total	Lumens	25855.0	0.0	25855.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	425.1	1.6
10°-20°	959.8	3.7
20°-30°	1542.4	6.0
30°-40°	2620.6	10.1
40°-50°	4067.6	15.7
50°-60°	5468.7	21.2
60°-70°	6690.1	25.9
70°-80°	3911.5	15.1
80°-90°	169.1	0.7
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°	25855.0	100.0
0°-180°	25855.0	100.0



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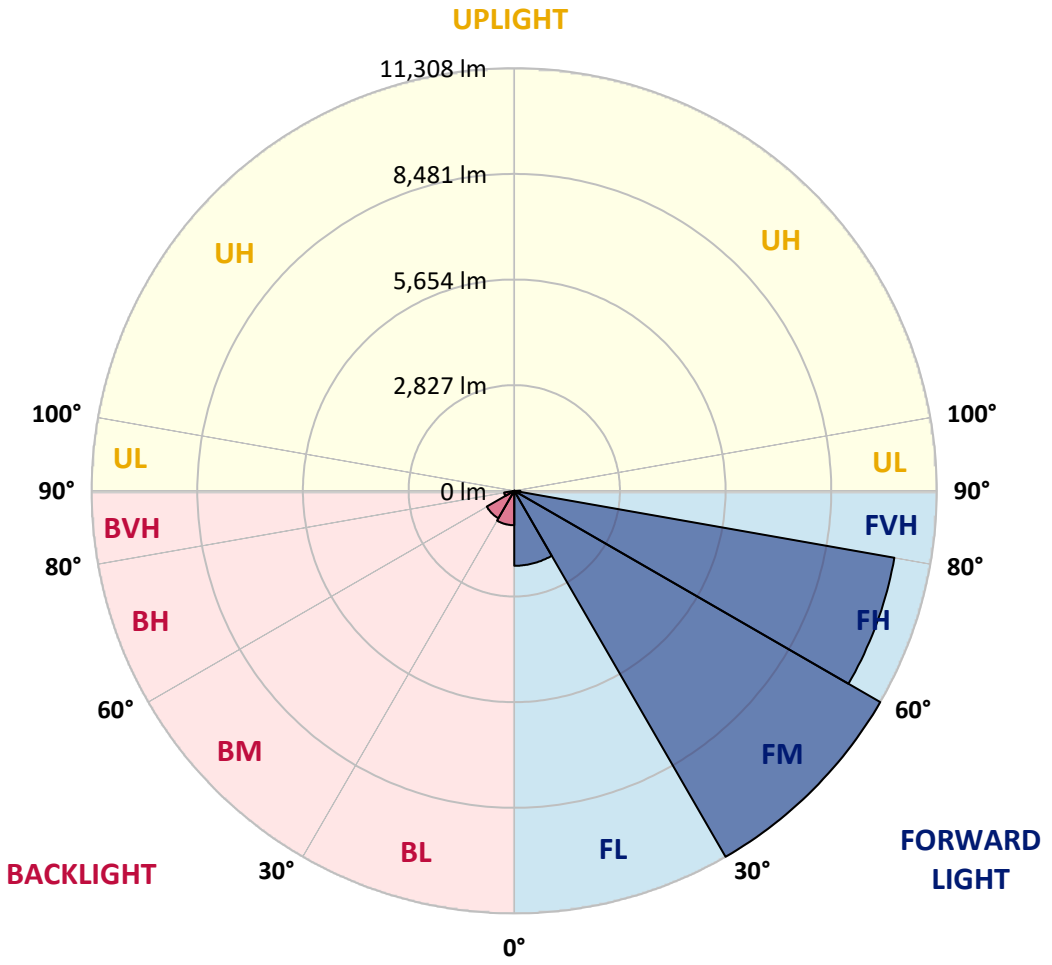
REPORT NUMBER: P321770
CATALOG NUMBER: GLEON-SA6C-830-U-T3R-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2006.0	7.8			
FM	(30°-60°)	11308.2	43.7			
FH	(60°-80°)	10327.4	39.9			G4/12000
FVH	(80°-90°)	166.4	0.6			G2/225
BL	(0°-30°)	921.4	3.6	B2/1000		
BM	(30°-60°)	848.7	3.3	B1/1000		
BH	(60°-80°)	274.2	1.1	B1/500		G1/500
BVH	(80°-90°)	2.7	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G4
Type III Medium



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Scaled Data Report

REPORT NUMBER: P321770
CATALOG NUMBER: GLEON-SA6C-830-U-T3R-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	54°	55°	65°	75°	85°
0°	4986.2	4986.2	4986.2	4986.2	4986.2	4986.2	4986.2	4986.2	4986.2	4986.2	4986.2
2.5°	4840.0	4845.8	4866.7	4875.9	4898.0	4935.1	4953.7	4954.9	4985.1	4996.7	5006.0
5°	4497.5	4532.3	4567.1	4604.3	4671.6	4761.0	4849.2	4857.4	4954.9	5026.9	5065.2
7.5°	4202.6	4233.9	4275.7	4334.9	4430.1	4570.6	4718.1	4735.5	4920.1	5083.7	5169.7
10°	3899.6	3925.1	3985.5	4072.6	4203.8	4391.8	4590.3	4619.4	4888.7	5160.4	5311.3
12.5°	3575.7	3590.8	3663.9	3789.3	3982.0	4221.2	4482.4	4520.7	4869.0	5248.6	5478.5
15°	3329.6	3336.5	3406.2	3536.2	3756.8	4067.9	4398.8	4445.2	4873.6	5354.2	5660.7
17.5°	3266.9	3270.4	3307.5	3396.9	3591.9	3930.9	4332.6	4389.5	4887.5	5457.6	5844.2
20°	3521.1	3496.7	3458.4	3444.5	3528.1	3848.5	4293.1	4357.0	4906.1	5549.3	6009.0
22.5°	4218.8	4146.9	3987.8	3775.4	3646.5	3854.3	4303.6	4367.4	4965.3	5661.9	6199.4
25°	5254.4	5154.6	4884.1	4466.1	4064.4	4021.5	4390.7	4455.7	5080.3	5796.6	6381.7
27.5°	6432.8	6334.1	6003.2	5406.5	4721.5	4352.4	4590.3	4650.7	5250.9	5916.1	6521.0
30°	7561.2	7533.3	7143.3	6465.3	5548.1	4888.7	4848.1	4899.2	5377.5	5988.1	6631.3
32.5°	8517.8	8473.7	8160.2	7500.8	6494.3	5533.0	5151.1	5166.2	5472.7	6081.0	6775.2
35°	9404.8	9350.2	9075.1	8451.6	7464.8	6320.1	5617.8	5595.7	5680.5	6267.9	6984.2
37.5°	10179.1	10229.0	9923.7	9330.5	8335.5	7138.6	6247.0	6180.8	6005.5	6572.1	7287.2
40°	10826.9	10826.9	10667.9	10173.3	9275.9	7984.9	6958.7	6871.6	6494.3	7041.1	7671.5
42.5°	11060.3	11110.2	11169.4	10889.6	10117.6	8864.9	7751.6	7661.0	7182.7	7706.3	8156.8
45°	11074.2	11153.1	11456.1	11455.0	10878.0	9739.1	8645.5	8602.6	8065.0	8560.8	8758.1
47.5°	10878.0	10976.7	11475.9	11759.1	11480.5	10552.9	9623.0	9569.6	9101.8	9607.9	9387.3
50°	10575.0	10684.1	11264.6	11878.7	11890.3	11261.1	10652.8	10572.7	10243.0	10804.9	10037.5
52.5°	10032.8	10244.1	11075.4	11906.6	12159.7	11872.9	11632.6	11597.8	11520.0	11957.7	10555.2
55°	8873.1	9107.6	10600.5	11915.9	12409.3	12415.1	12550.9	12560.2	12716.9	13035.0	10940.7
57.5°	8325.1	8457.4	9771.6	11960.0	12779.6	13030.4	13486.6	13558.6	13801.2	14057.8	11380.7
60°	7980.3	8137.0	9363.0	11899.6	13361.2	13837.2	14353.8	14378.2	14638.3	15113.1	11976.2
62.5°	7705.1	7859.6	9105.2	11667.4	14014.8	14807.8	15201.3	15203.6	15398.7	16370.4	12653.1
65°	7026.0	7156.0	8584.0	11406.2	14446.7	15767.9	16185.8	16170.7	16329.8	17696.2	13439.0
67.5°	6043.8	6143.7	7519.4	10415.9	14284.2	16640.9	17671.8	17621.9	17429.2	18842.0	13747.8
70°	4672.8	4708.8	5926.6	8680.3	12761.0	16976.4	19107.9	19082.3	18103.7	18636.5	12615.9
71°	3862.4	3980.9	5223.1	7661.0	11740.6	16666.4	19247.2	19262.3	17934.2	18077.0	11836.9
72.5°	2242.9	2343.9	3785.8	5883.6	9967.8	15373.1	18525.1	18634.2	17142.4	16442.4	10110.6
75°	480.6	514.3	1403.6	2847.8	5483.1	10774.7	14622.0	15010.9	13971.9	11185.6	6093.8
77.5°	334.4	361.1	601.4	1292.1	1812.2	5324.1	9083.2	9522.0	8347.1	4203.8	1950.4
80°	264.7	294.9	469.0	638.5	489.9	1717.0	4254.8	4523.0	2783.9	938.0	328.5
82.5°	147.4	175.3	365.7	344.8	188.1	326.2	1191.1	1346.7	557.3	189.2	77.8
85°	43.0	52.2	235.7	250.8	80.1	62.7	203.2	251.9	105.6	49.9	34.8
87.5°	0.0	0.0	113.8	96.4	23.2	9.3	18.6	20.9	20.9	20.9	23.2
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: P321770
CATALOG NUMBER: GLEON-SA6C-830-U-T3R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4986.2	4986.2	4986.2	4986.2	4986.2	4986.2	4986.2	4986.2	4986.2	4986.2	4986.2
2.5°	5006.0	5014.1	4985.1	4946.8	4906.1	4856.2	4804.0	4763.3	4762.2	4742.4	4722.7
5°	5067.5	5062.9	4982.7	4860.8	4716.9	4567.1	4424.3	4263.0	4209.6	4143.4	4121.3
7.5°	5181.3	5148.8	4979.3	4712.2	4396.5	4083.0	3759.1	3432.9	3293.6	3168.2	3146.1
10°	5324.1	5262.5	4957.2	4489.3	3910.0	3331.9	2843.1	2399.7	2204.6	2054.9	2047.9
12.5°	5472.7	5378.6	4895.7	4152.7	3272.7	2460.0	1897.0	1460.5	1297.9	1193.4	1202.7
15°	5628.2	5487.8	4763.3	3698.7	2547.1	1669.4	1165.6	909.0	844.0	817.3	824.3
17.5°	5787.3	5563.2	4578.7	3151.9	1830.8	1077.4	806.9	734.9	734.9	740.7	743.0
20°	5925.4	5603.8	4307.1	2539.0	1241.0	784.8	705.9	695.4	701.2	710.5	711.7
22.5°	6062.4	5606.2	3953.0	1917.9	868.4	687.3	672.2	667.5	671.0	681.5	682.6
25°	6173.9	5578.3	3509.5	1364.1	693.1	647.8	640.8	638.5	640.8	653.6	653.6
27.5°	6219.1	5477.3	2968.5	958.9	621.1	603.7	601.4	603.7	607.2	616.5	617.6
30°	6223.8	5300.8	2378.8	694.2	563.1	544.5	549.1	557.3	553.8	551.4	553.8
32.5°	6235.4	5096.5	1804.1	571.2	514.3	485.3	479.5	479.5	465.5	457.4	452.8
35°	6273.7	4856.2	1308.4	513.1	464.4	430.7	408.7	383.1	356.4	342.5	339.0
37.5°	6334.1	4604.3	936.9	474.8	420.3	381.9	340.2	294.9	256.6	246.1	246.1
40°	6444.4	4344.2	693.1	444.6	385.4	337.8	275.1	215.9	181.1	175.3	175.3
42.5°	6618.5	4070.2	552.6	417.9	355.2	292.6	210.1	156.7	131.2	127.7	126.5
45°	6799.6	3768.4	483.0	392.4	322.7	240.3	155.6	116.1	101.0	97.5	97.5
47.5°	6980.7	3446.8	449.3	368.0	291.4	186.9	116.1	91.7	84.7	84.7	85.9
50°	7134.0	3111.3	424.9	341.3	250.8	141.6	91.7	77.8	75.5	80.1	81.3
52.5°	7172.3	2781.6	394.7	307.6	200.8	108.0	75.5	68.5	68.5	68.5	68.5
55°	7149.1	2526.2	355.2	265.9	148.6	85.9	65.0	60.4	59.2	59.2	59.2
57.5°	7228.0	2375.3	284.4	206.6	106.8	69.7	56.9	53.4	51.1	49.9	49.9
60°	7387.0	2276.6	203.2	148.6	80.1	58.0	48.8	45.3	41.8	39.5	39.5
62.5°	7598.3	2190.7	150.9	110.3	61.5	46.4	40.6	37.2	32.5	30.2	30.2
65°	7760.9	2037.4	114.9	82.4	46.4	37.2	31.3	30.2	23.2	20.9	19.7
67.5°	7512.4	1700.8	92.9	60.4	34.8	29.0	24.4	23.2	13.9	11.6	11.6
70°	6443.2	1184.2	74.3	44.1	25.5	23.2	19.7	15.1	10.4	9.3	9.3
71°	*5843.0*	*989.1*	*67.3*	*37.2*	*22.1*	*22.1*	*18.6*	*12.8*	*9.3*	*8.1*	*8.1*
72.5°	4853.9	702.4	56.9	29.0	19.7	23.2	19.7	11.6	9.3	8.1	7.0
75°	2817.6	293.7	39.5	19.7	15.1	27.9	25.5	10.4	7.0	5.8	5.8
77.5°	847.5	108.0	22.1	12.8	11.6	24.4	29.0	9.3	3.5	1.2	1.2
80°	154.4	46.4	13.9	8.1	8.1	15.1	22.1	4.6	0.0	0.0	0.0
82.5°	54.6	23.2	8.1	4.6	3.5	7.0	10.4	0.0	0.0	0.0	0.0
85°	31.3	16.3	4.6	2.3	0.0	1.2	2.3	0.0	0.0	0.0	0.0
87.5°	20.9	4.6	0.0	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

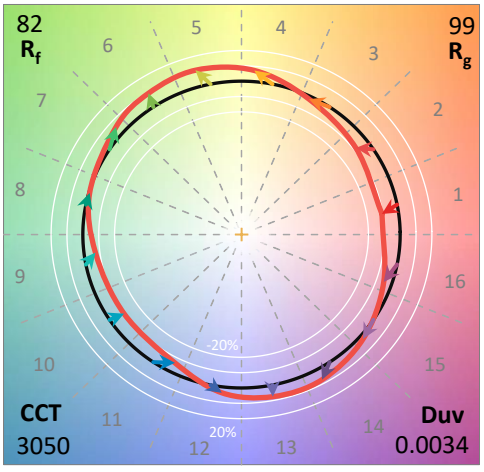
Test Information

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

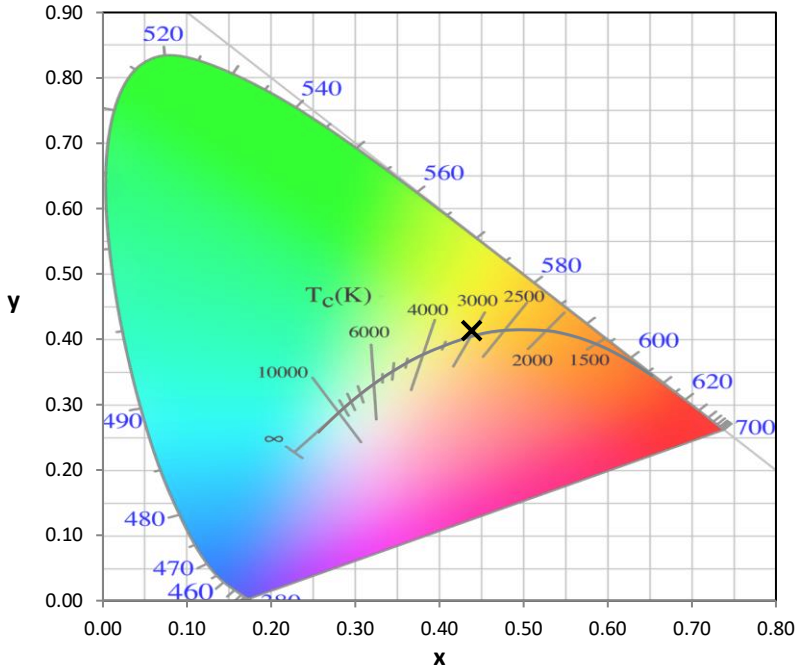
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

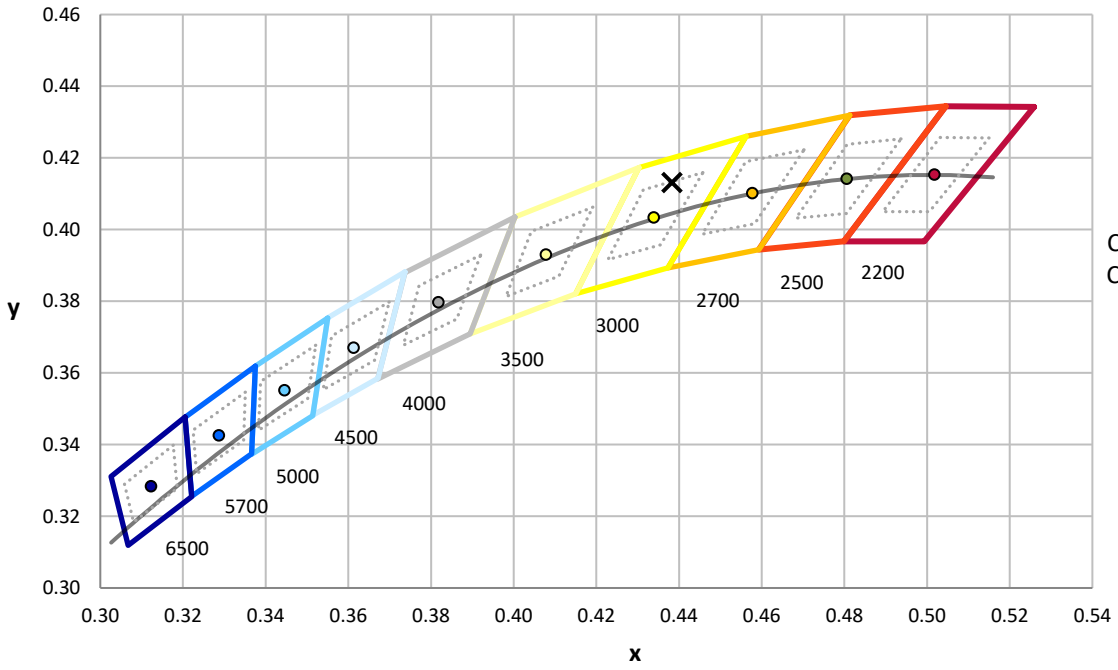
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

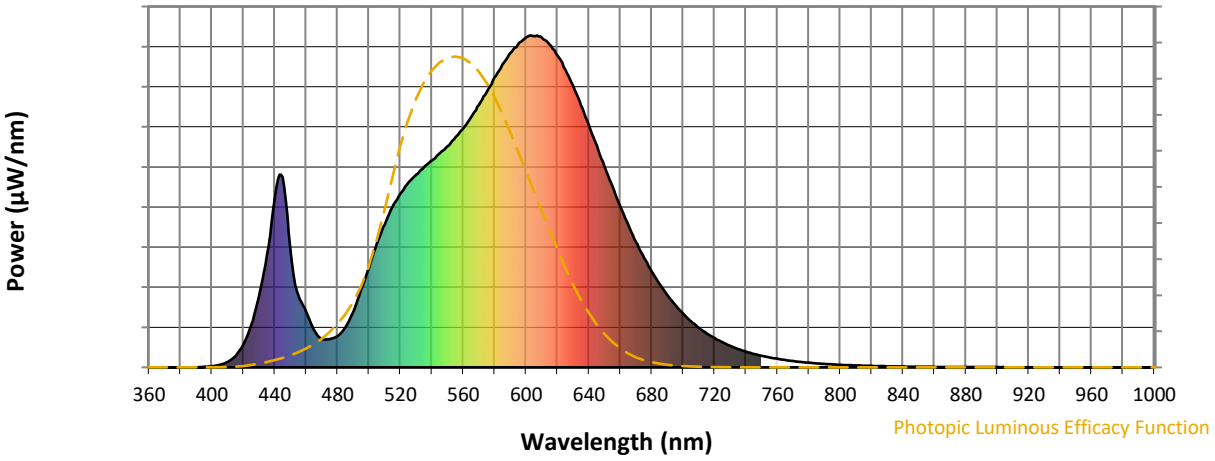


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

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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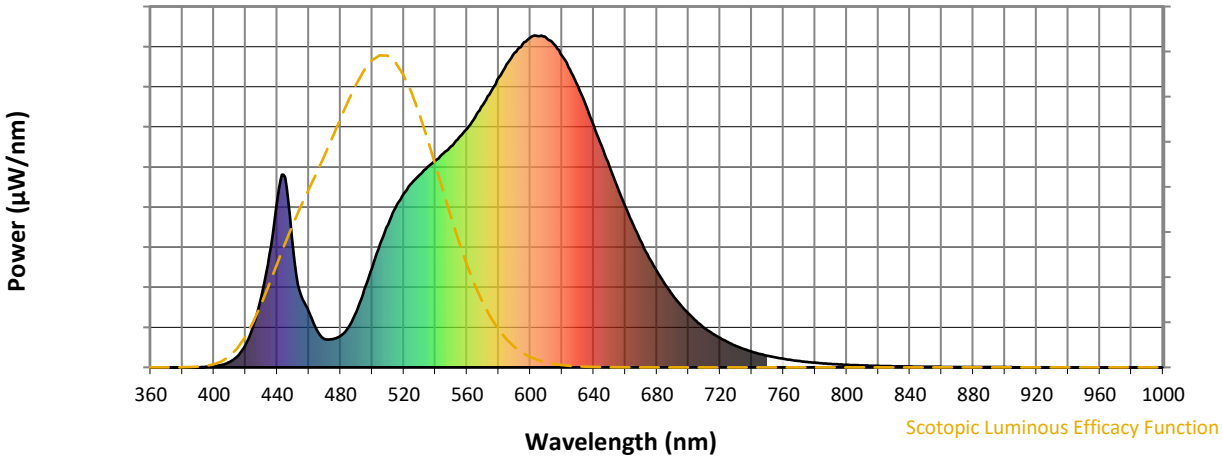
Scotopic Flux vs. Wavelength



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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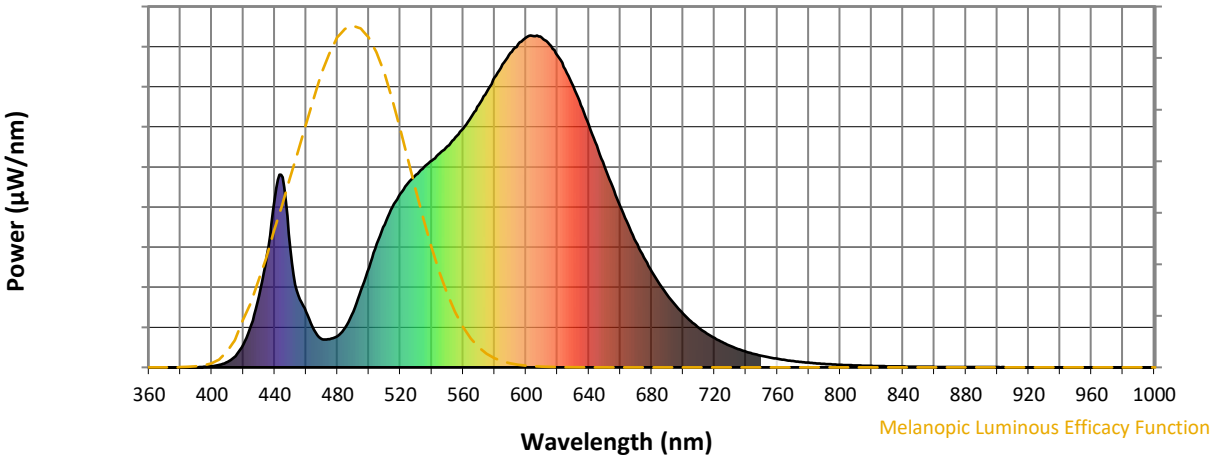
Melanopic Flux vs. Wavelength



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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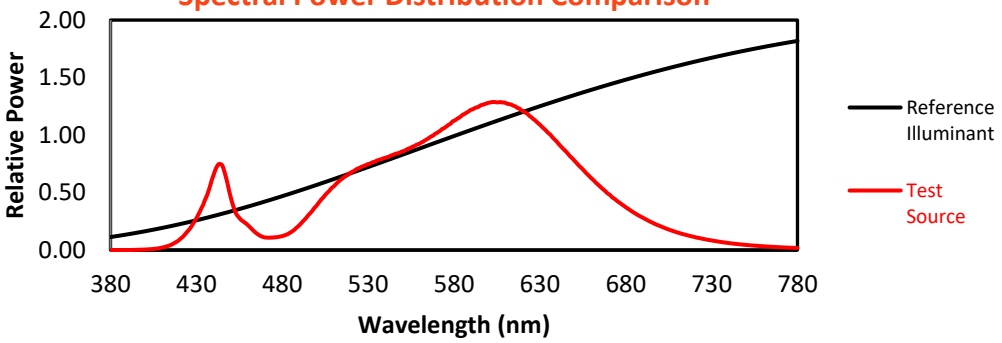
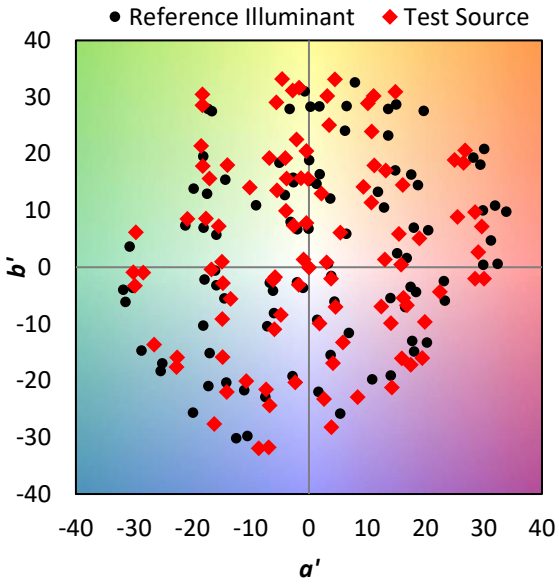
Summary

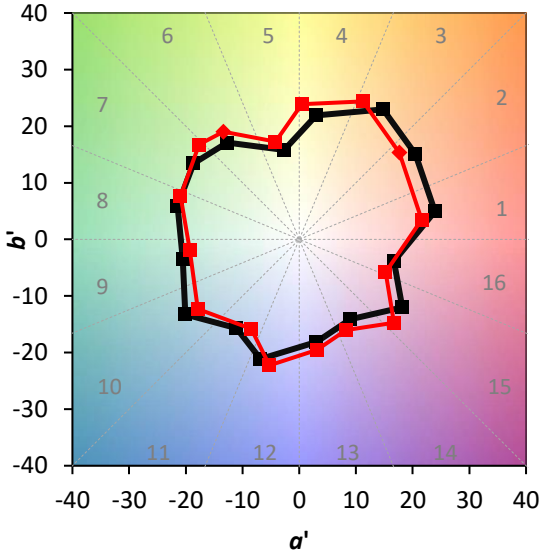
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

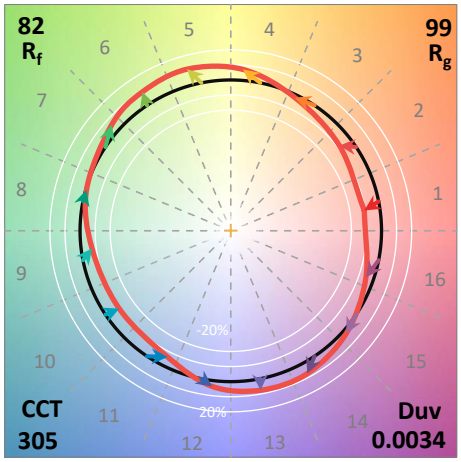
Spectral Power Distribution Comparison

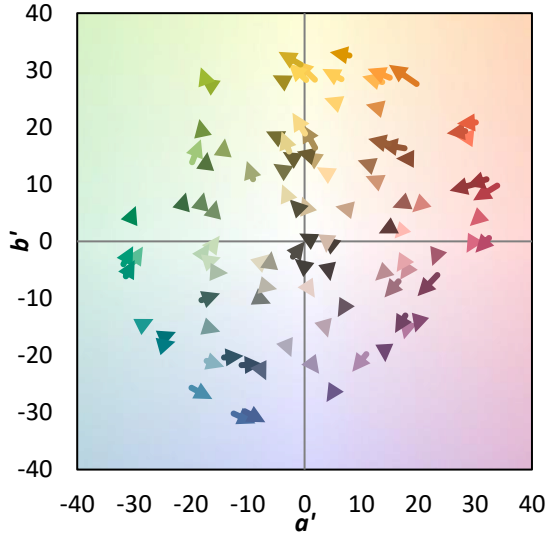


Color Vector Graphics









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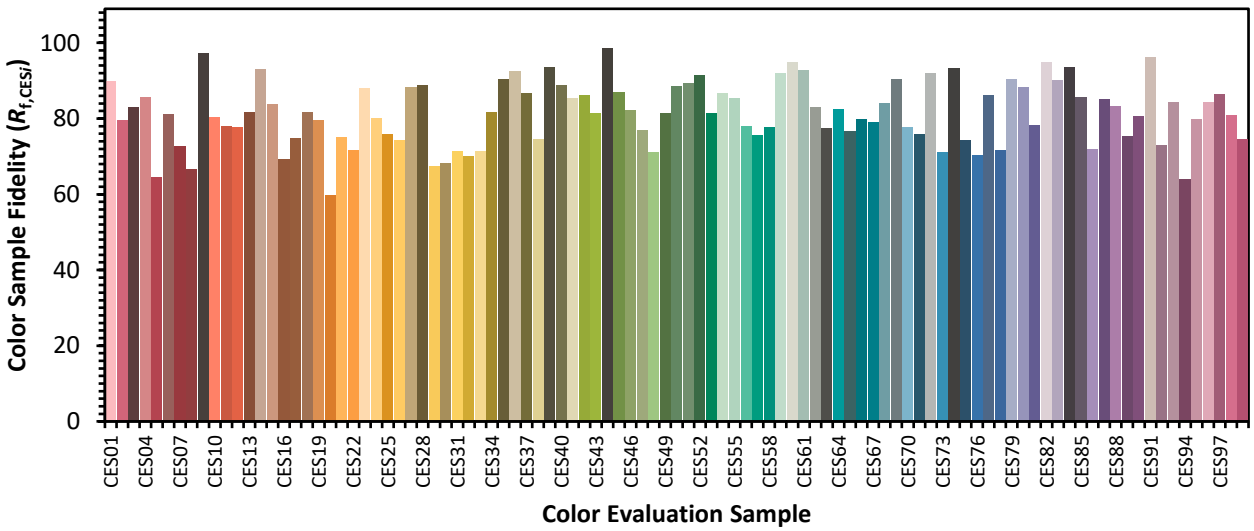
Individual Sample Fidelity Index ($R_{f,i}$)

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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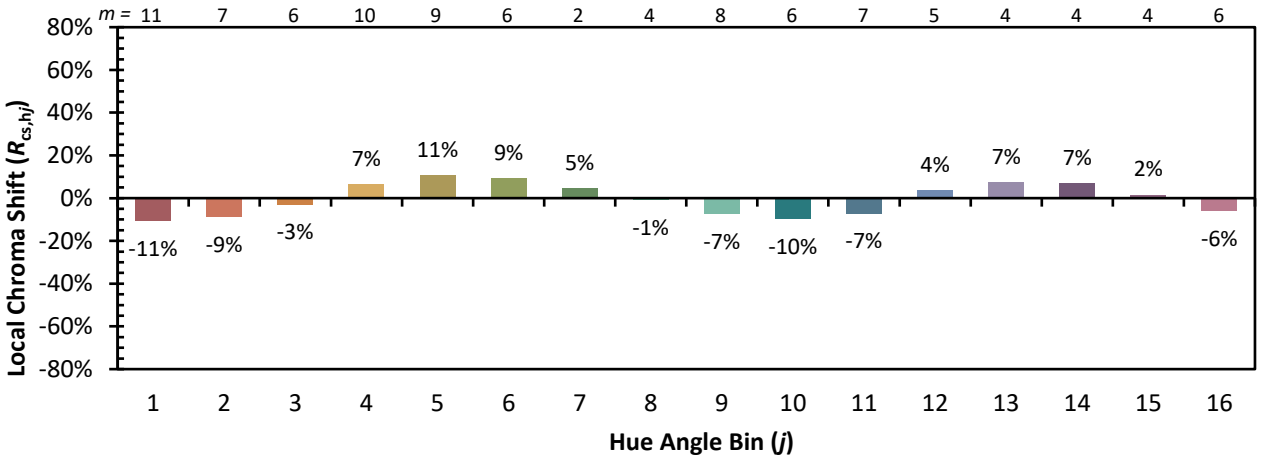
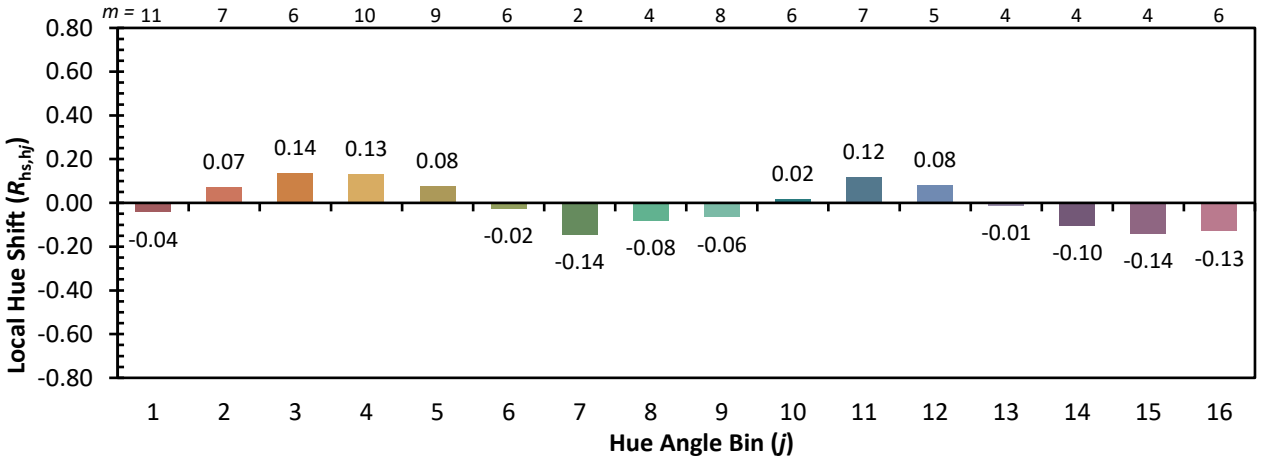
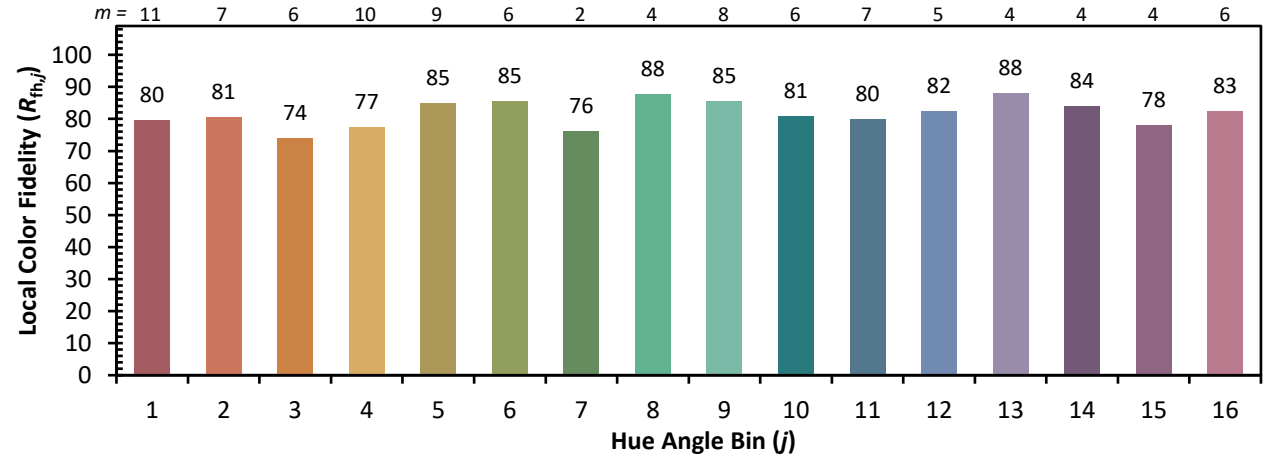
Color Rendition by Hue-Angle Bin







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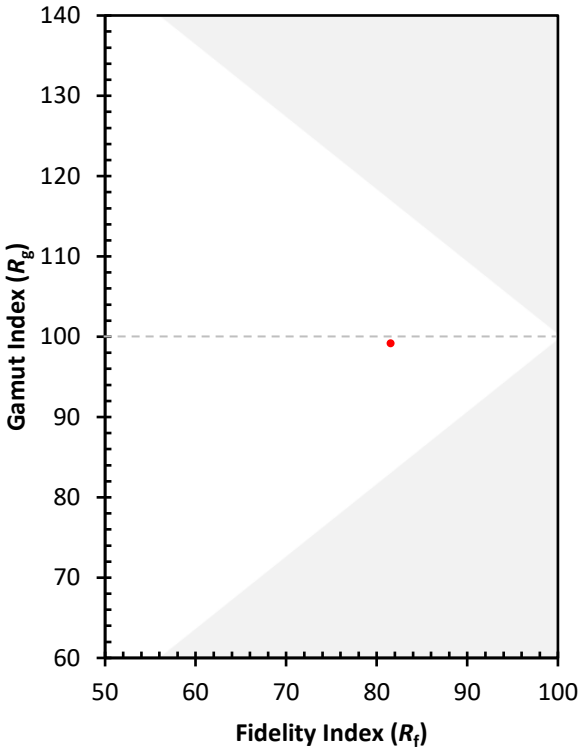
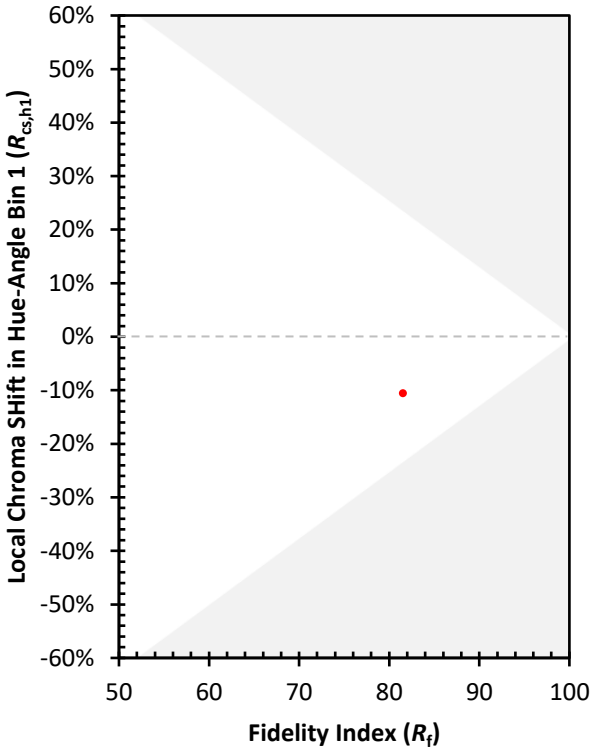
Measure Comparisons





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