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: P318560

Luminaire Tested: **GLEON-SA6B-830-U-T3**

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:	P318560
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-14)
Test Lab:	INNOVATION CENTER
Issue Date:	3/3/2020
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GLEON-SA6B-830-U-T3
Description:	GALLEON AREA AND ROADWAY LUMINAIRE
	(6) 80 CRI, 3000K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE III OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	27166 lumens
Efficiency:	N/A
Efficacy:	109.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G4

Input Watts (W):	249
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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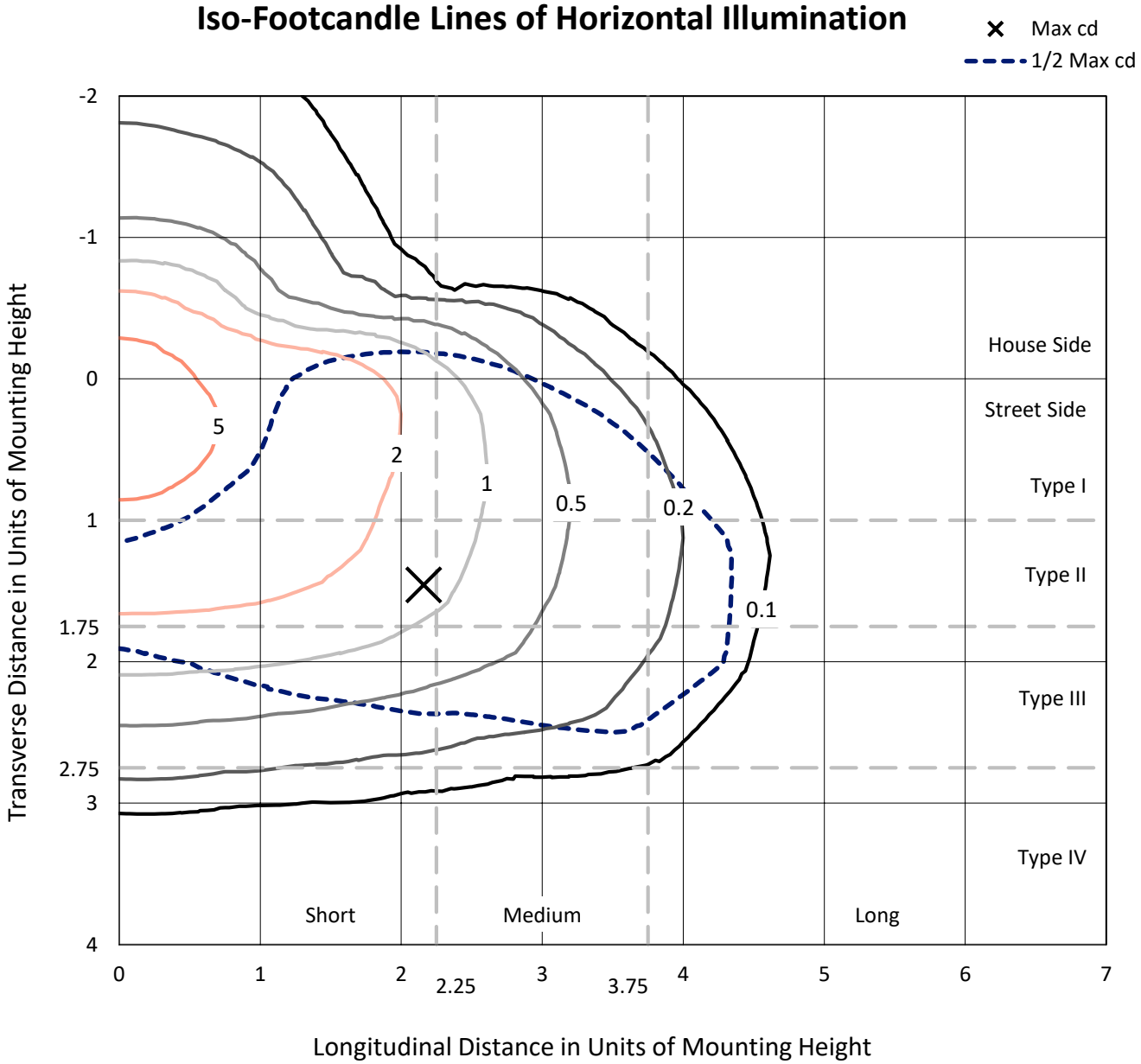
Scaled Data Report

REPORT NUMBER: P318560
CATALOG NUMBER: GLEON-SA6B-830-U-T3

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 6.2 fc
Type III - Short - N/A

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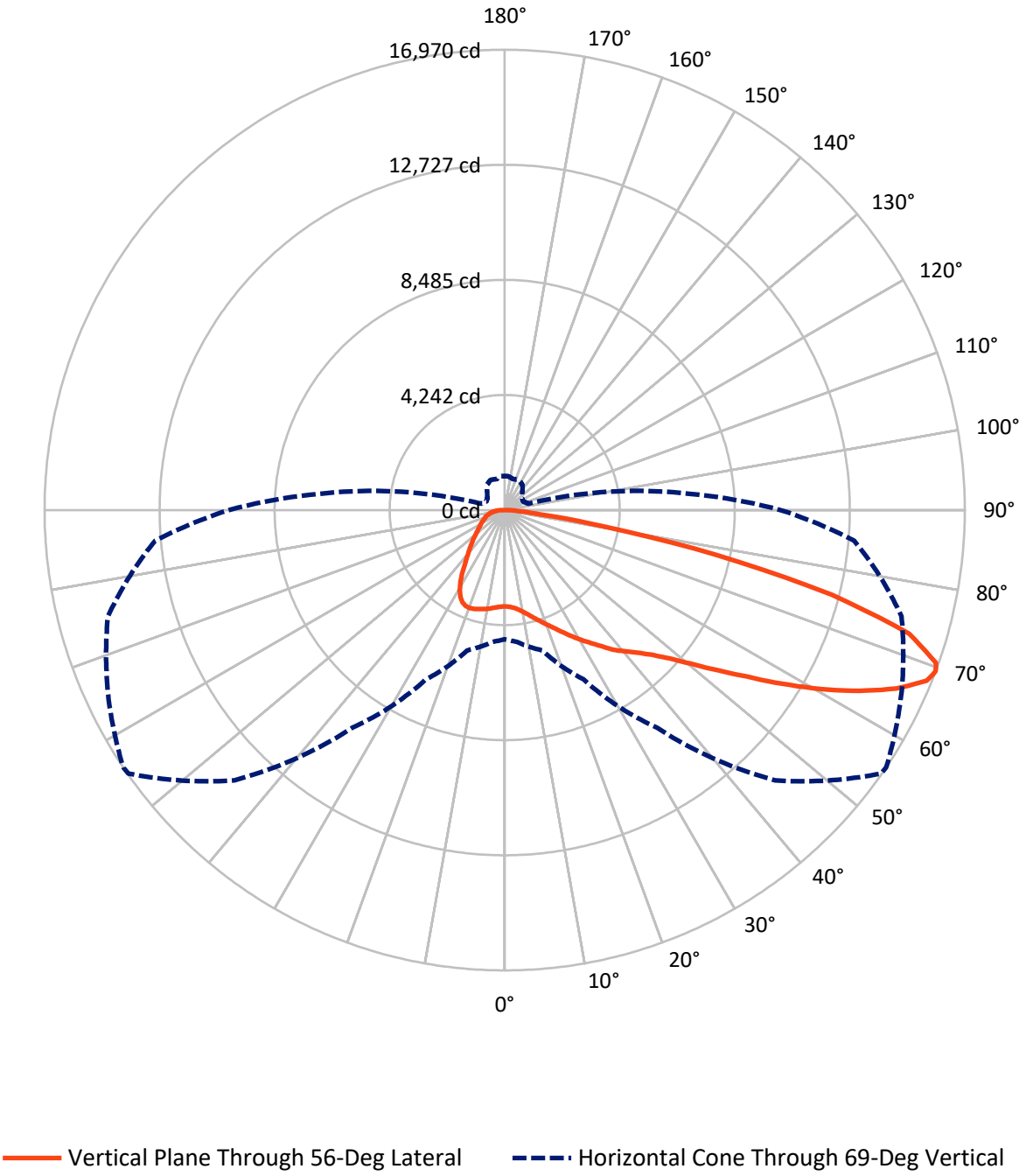
Luminous Intensity Polar Plot



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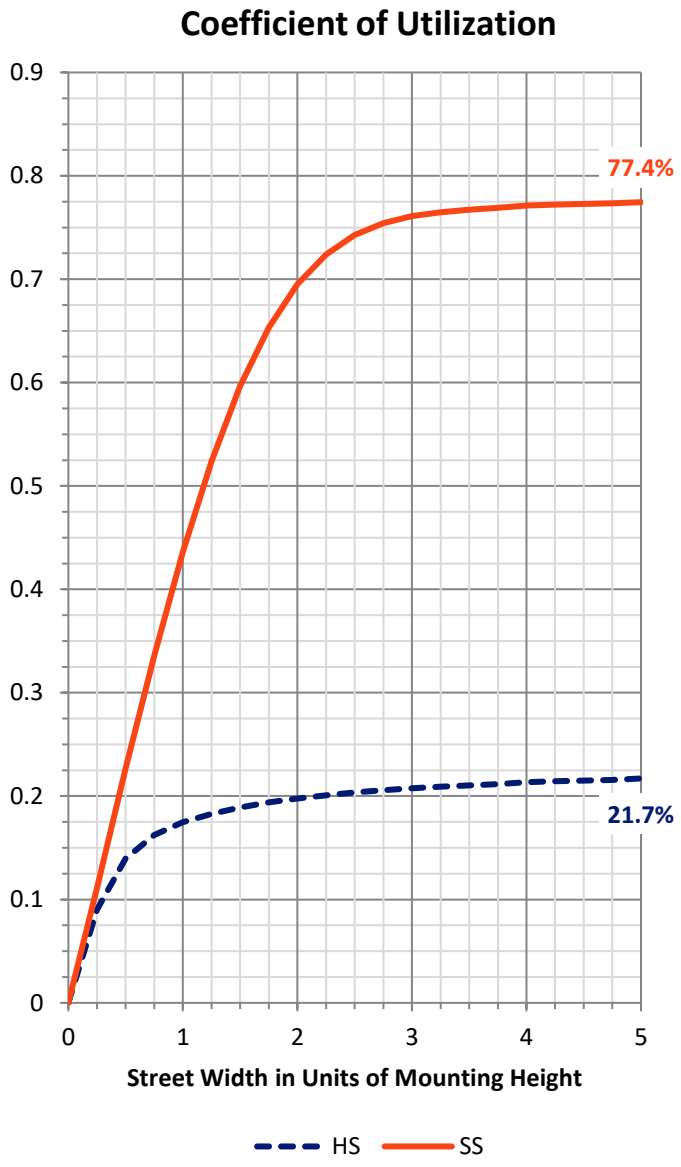
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6049.8	0.0	6049.8
	% Fixture	22.3	0.0	22.3
Street Side	Lumens	21116.2	0.0	21116.2
	% Fixture	77.7	0.0	77.7
Total	Lumens	27166.0	0.0	27166.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	348.8	1.3
10°-20°	1121.7	4.1
20°-30°	1958.0	7.2
30°-40°	2812.6	10.4
40°-50°	3892.5	14.3
50°-60°	5703.0	21.0
60°-70°	6953.0	25.6
70°-80°	3844.1	14.2
80°-90°	532.4	2.0
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°	27166.0	100.0
0°-180°	27166.0	100.0



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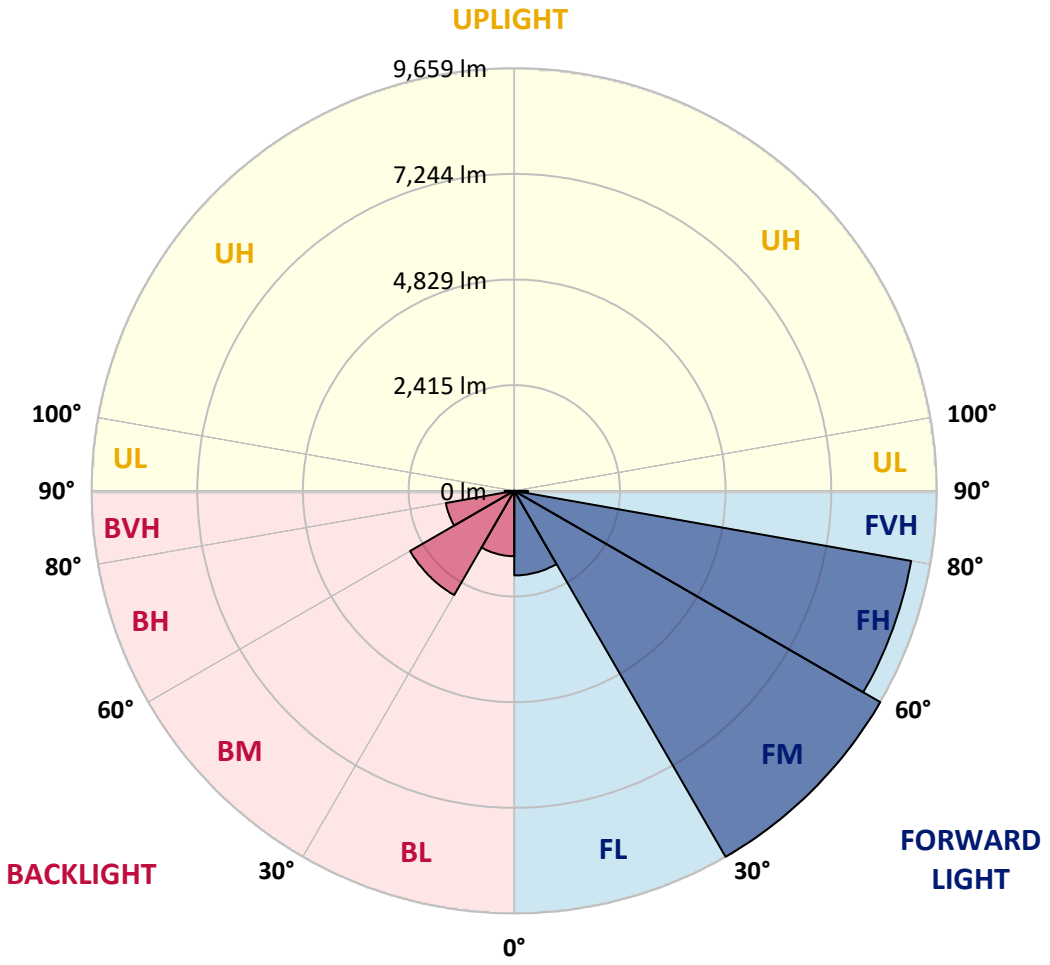
REPORT NUMBER: P318560
CATALOG NUMBER: GLEON-SA6B-830-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1933.4	7.1			
FM	(30°-60°)	9658.5	35.6			
FH	(60°-80°)	9210.6	33.9			G4/12000
FVH	(80°-90°)	313.6	1.2			G3/500
BL	(0°-30°)	1495.0	5.5	B3/2500		
BM	(30°-60°)	2749.5	10.1	B3/5000		
BH	(60°-80°)	1586.5	5.8	B3/2500		G3/2500
BVH	(80°-90°)	218.8	0.8			G2/225
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 Short



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REPORT NUMBER: P318560
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	65°	75°	85°
0°	3551.5	3551.5	3551.5	3551.5	3551.5	3551.5	3551.5	3551.5	3551.5	3551.5	3551.5
2.5°	3574.0	3577.7	3574.9	3582.4	3574.0	3579.6	3574.9	3574.9	3572.1	3563.7	3554.4
5°	3630.2	3637.6	3633.0	3640.5	3630.2	3632.0	3623.6	3623.6	3615.2	3597.4	3578.7
7.5°	3718.1	3726.5	3722.8	3730.3	3716.3	3716.3	3705.0	3704.1	3687.2	3658.2	3636.7
10°	3822.9	3834.2	3830.4	3841.7	3830.4	3834.2	3822.9	3822.9	3800.5	3759.3	3732.2
12.5°	3975.5	3989.5	3979.2	3978.3	3973.6	3981.1	3971.7	3969.9	3949.3	3893.1	3855.7
15°	4179.5	4194.5	4172.9	4171.1	4144.9	4142.1	4142.1	4139.3	4126.2	4058.8	3997.0
17.5°	4414.4	4419.1	4400.4	4370.4	4336.7	4315.2	4312.4	4319.9	4319.9	4241.3	4143.0
20°	4644.6	4653.0	4638.1	4604.4	4561.3	4529.5	4507.0	4522.0	4521.1	4427.5	4288.1
22.5°	4895.4	4915.1	4892.6	4849.6	4799.0	4763.5	4724.2	4737.3	4738.2	4623.1	4430.3
25°	5220.2	5202.4	5188.3	5127.5	5055.5	5019.0	4982.5	4995.6	4991.8	4833.7	4577.2
27.5°	5507.5	5511.2	5492.5	5427.9	5344.6	5264.1	5262.3	5270.7	5256.7	5052.6	4715.7
30°	5841.6	5843.4	5817.2	5759.2	5668.4	5564.6	5540.2	5554.3	5524.3	5260.4	4861.7
32.5°	6173.8	6183.2	6154.1	6084.0	6011.0	5884.6	5836.0	5845.3	5770.4	5472.8	5012.4
35°	6464.8	6477.9	6468.6	6421.8	6342.2	6233.7	6175.7	6170.1	6077.4	5733.0	5211.7
37.5°	6761.5	6773.7	6763.4	6724.1	6692.3	6577.1	6546.3	6546.3	6385.3	5998.8	5465.4
40°	7066.6	7085.3	7073.1	7018.9	6991.7	6939.3	6865.4	6847.6	6673.5	6317.9	5879.0
42.5°	7350.2	7374.5	7423.2	7391.3	7336.1	7343.6	7194.8	7185.4	7058.2	6789.6	6398.4
45°	7752.6	7788.1	7870.5	7846.2	7834.9	7793.7	7616.9	7608.4	7559.8	7424.1	7043.2
47.5°	8191.5	8240.1	8388.9	8393.6	8514.4	8436.7	8196.2	8167.2	8178.4	8184.0	7830.2
50°	8595.8	8649.1	8893.4	9008.5	9293.0	9309.8	8925.2	8899.0	8943.0	9072.1	8747.4
52.5°	8918.6	8986.0	9291.1	9646.7	10134.3	10272.8	9822.7	9803.0	9835.8	10058.5	9784.3
55°	9155.4	9228.4	9560.6	10208.2	10986.9	11231.1	10855.8	10837.1	10857.7	11141.3	10912.0
57.5°	9210.6	9228.4	9710.4	10586.3	11706.5	12293.3	12120.2	12082.7	11981.7	12228.7	12156.7
60°	8951.4	9022.5	9586.8	10719.2	12263.4	13340.5	13441.6	13394.8	13111.2	13313.4	13255.4
62.5°	8425.4	8552.7	9125.5	10517.1	12481.4	14195.9	14737.7	14681.6	14193.1	14324.1	14045.2
65°	7566.3	7620.6	8222.4	9819.9	12204.4	14743.4	15893.5	15865.4	15250.6	15045.6	14191.2
67.5°	6029.7	6131.7	6642.7	8362.7	11071.1	14678.8	16787.3	16784.4	15941.2	15313.3	13673.7
69°	4763.5	4869.2	5355.9	6888.8	9796.5	14088.3	16937.0	16969.7	16135.9	15150.5	12934.4
70°	3797.7	3920.3	4254.4	5802.3	8665.0	13309.6	16812.5	16871.5	16098.5	14881.9	12252.1
72.5°	1616.2	1715.4	1953.1	2991.0	5281.0	9938.7	15372.2	15595.0	15230.9	13620.3	10125.9
75°	705.6	736.5	844.1	1219.4	2344.3	5409.2	12042.5	12454.3	13023.3	11512.8	7542.9
77.5°	516.6	529.7	588.6	715.9	1051.9	2043.0	7744.1	7983.7	9392.2	8377.7	4626.8
80°	399.6	409.0	454.8	525.9	686.9	826.4	3531.9	3737.8	5281.0	4303.0	1926.9
82.5°	318.2	324.7	356.6	387.4	474.5	500.7	1172.6	1300.8	1949.4	1188.5	510.0
85°	295.7	303.2	314.4	282.6	304.2	293.9	507.2	530.6	588.6	467.0	213.4
87.5°	133.8	158.2	311.6	219.9	161.9	129.1	207.8	217.1	244.3	245.2	94.5
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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CATALOG NUMBER: GLEON-SA6B-830-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3551.5	3551.5	3551.5	3551.5	3551.5	3551.5	3551.5	3551.5	3551.5	3551.5	3551.5
2.5°	3560.0	3557.2	3561.8	3550.6	3564.6	3563.7	3559.0	3560.9	3570.3	3569.3	3570.3
5°	3581.5	3579.6	3585.2	3576.8	3593.7	3599.3	3600.2	3608.6	3618.9	3621.7	3621.7
7.5°	3635.8	3635.8	3638.6	3627.3	3638.6	3637.6	3633.0	3641.4	3651.7	3652.6	3651.7
10°	3729.4	3730.3	3725.6	3696.6	3687.2	3662.0	3638.6	3639.5	3652.6	3662.9	3665.7
12.5°	3847.3	3843.5	3822.9	3769.6	3730.3	3678.8	3654.5	3653.6	3666.7	3675.1	3677.9
15°	3982.0	3971.7	3918.4	3831.4	3762.1	3711.6	3672.3	3662.9	3655.4	3646.1	3647.0
17.5°	4109.3	4085.9	3997.0	3876.3	3803.3	3735.9	3660.1	3599.3	3557.2	3532.8	3525.3
20°	4238.5	4192.6	4064.4	3918.4	3825.7	3703.2	3557.2	3433.6	3356.9	3321.3	3314.8
22.5°	4356.4	4282.4	4127.1	3962.4	3808.0	3592.7	3363.4	3183.8	3077.1	3029.3	3033.1
25°	4471.5	4368.5	4192.6	3993.3	3718.1	3398.1	3093.9	2873.1	2749.5	2696.2	2694.3
27.5°	4572.6	4455.6	4263.7	3968.0	3550.6	3121.1	2774.8	2559.5	2456.6	2410.7	2403.3
30°	4688.6	4565.1	4358.2	3871.6	3305.4	2801.0	2463.2	2311.5	2238.5	2192.7	2184.3
32.5°	4829.9	4713.9	4435.9	3696.6	2991.9	2466.9	2219.8	2114.1	2047.6	1996.2	1986.8
35°	5035.8	4910.4	4455.6	3445.8	2647.5	2203.0	2041.1	1932.5	1842.7	1776.2	1769.7
37.5°	5294.1	5156.5	4410.7	3121.1	2313.4	2031.7	1892.3	1758.5	1641.5	1547.9	1532.9
40°	5666.6	5458.8	4286.2	2746.7	2067.3	1899.8	1747.2	1594.7	1449.6	1340.1	1318.6
42.5°	6113.9	5813.5	4095.3	2374.2	1886.7	1765.9	1603.1	1414.1	1275.6	1197.9	1186.7
45°	6682.9	6182.2	3830.4	2048.6	1708.9	1632.1	1447.8	1273.7	1187.6	1130.5	1121.1
47.5°	7332.4	6595.9	3552.5	1783.7	1558.2	1506.7	1323.3	1211.0	1142.7	1097.8	1089.3
50°	8130.7	7062.8	3257.7	1566.6	1406.6	1356.0	1264.3	1176.4	1122.1	1087.5	1079.0
52.5°	9030.9	7589.7	3045.3	1395.4	1281.2	1244.7	1233.4	1157.6	1113.7	1087.5	1079.0
55°	10000.5	8126.0	2816.0	1251.2	1172.6	1182.9	1212.9	1159.5	1129.6	1097.8	1085.6
57.5°	10971.0	8680.0	2560.5	1129.6	1086.5	1137.1	1198.8	1163.3	1138.0	1107.1	1095.9
60°	11738.3	9030.9	2164.6	1027.6	1018.2	1086.5	1165.1	1135.2	1102.4	1103.4	1101.5
62.5°	12096.8	9012.2	1727.6	936.8	949.9	1018.2	1110.9	1091.2	1064.1	1100.6	1103.4
65°	11895.6	8563.0	1344.8	854.4	876.9	947.1	1054.7	1069.7	1079.0	1149.2	1158.6
67.5°	11051.4	7688.9	1041.6	782.4	810.4	898.4	1060.3	1165.1	1177.3	1251.2	1250.3
69°	*10178.3*	*6869.1*	*905.0*	*744.9*	*777.7*	*910.6*	*1133.3*	*1226.0*	*1180.1*	*1258.7*	*1247.5*
70°	9446.5	6220.6	832.0	719.7	762.7	932.1	1182.0	1225.0	1166.1	1233.4	1214.7
72.5°	7275.3	4475.2	705.6	672.9	712.2	891.9	1196.0	1197.9	1133.3	1146.4	1114.6
75°	4989.9	2828.1	615.8	609.2	635.4	803.9	1151.1	1144.5	1048.2	1029.4	1003.2
77.5°	2751.4	1436.5	523.1	548.4	566.2	712.2	1046.3	1036.9	957.4	918.1	908.7
80°	1061.3	628.9	441.7	487.6	498.8	616.7	917.1	908.7	842.3	791.7	777.7
82.5°	400.5	329.4	365.0	422.1	418.3	509.1	776.8	772.1	707.5	633.6	611.1
85°	185.3	197.5	289.2	348.1	321.0	377.1	621.4	629.8	551.2	463.2	463.2
87.5°	78.6	110.4	205.0	263.0	216.2	254.6	455.8	435.2	399.6	277.0	260.2
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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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

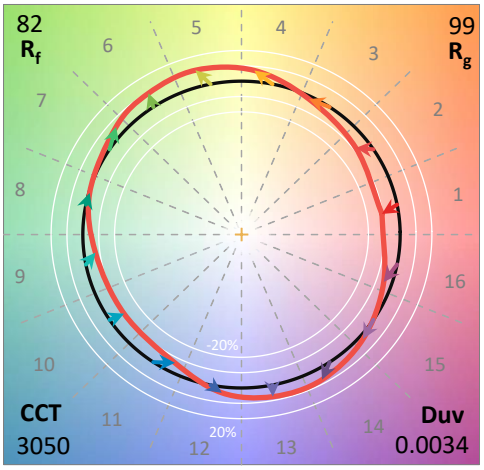
Test Information

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

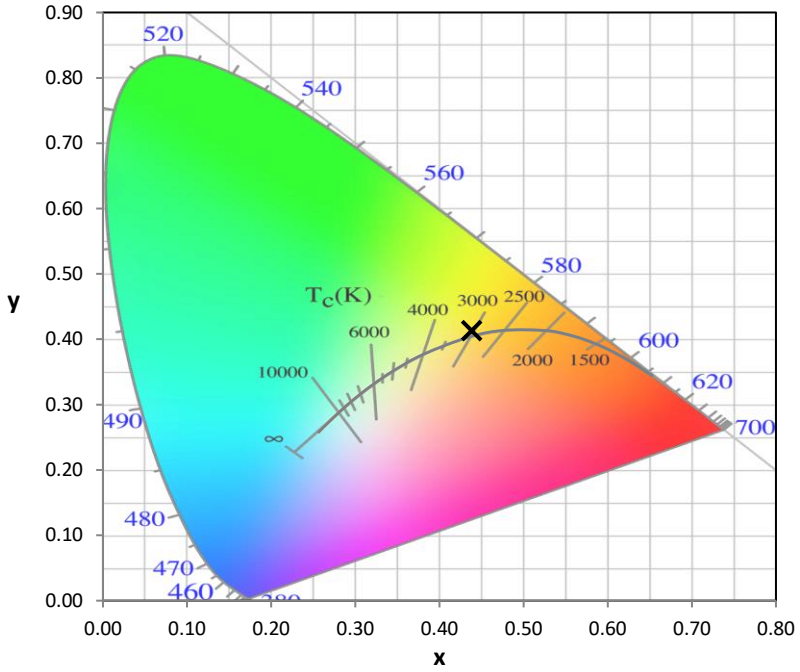
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

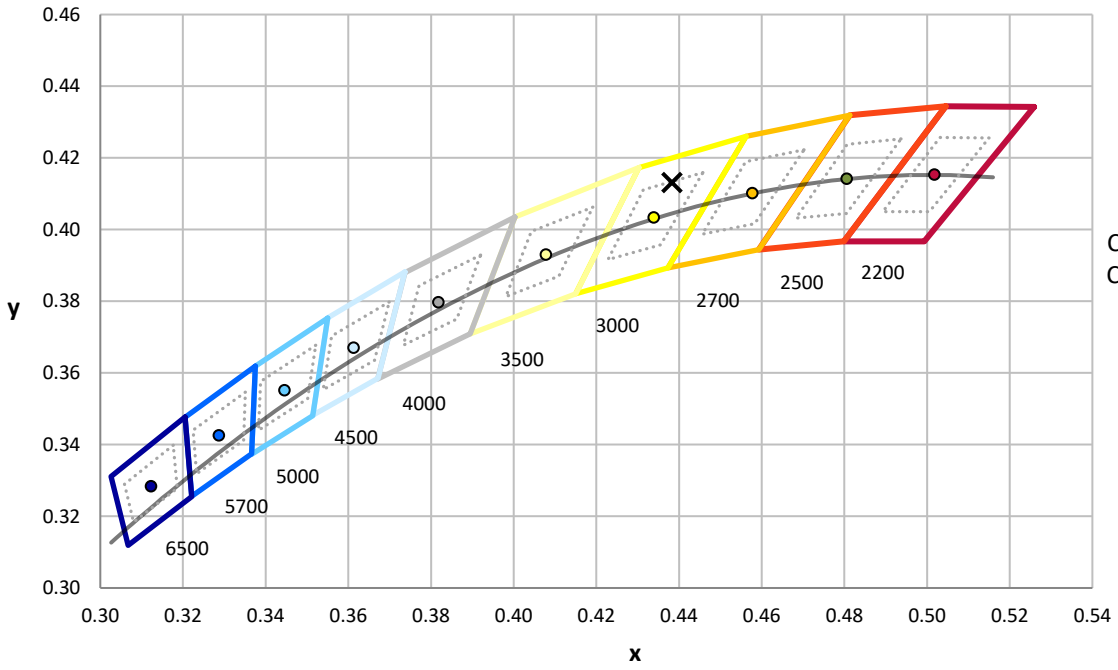
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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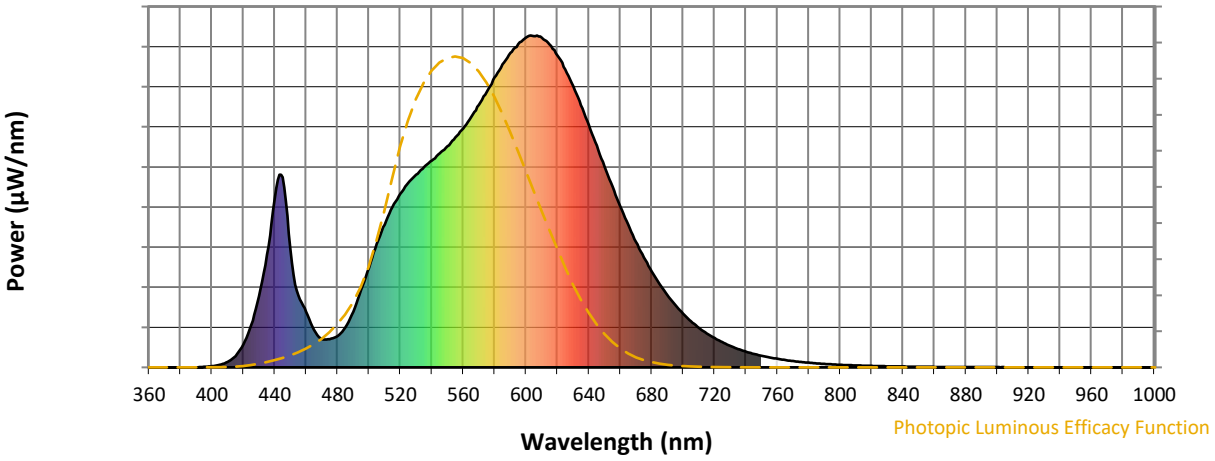
Photopic Flux vs. Wavelength



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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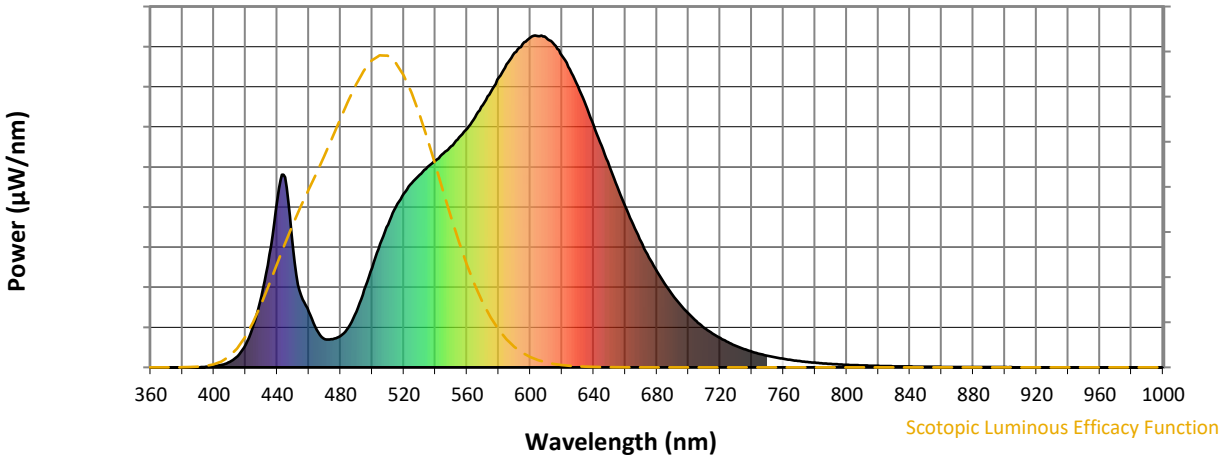
Scotopic Flux vs. Wavelength



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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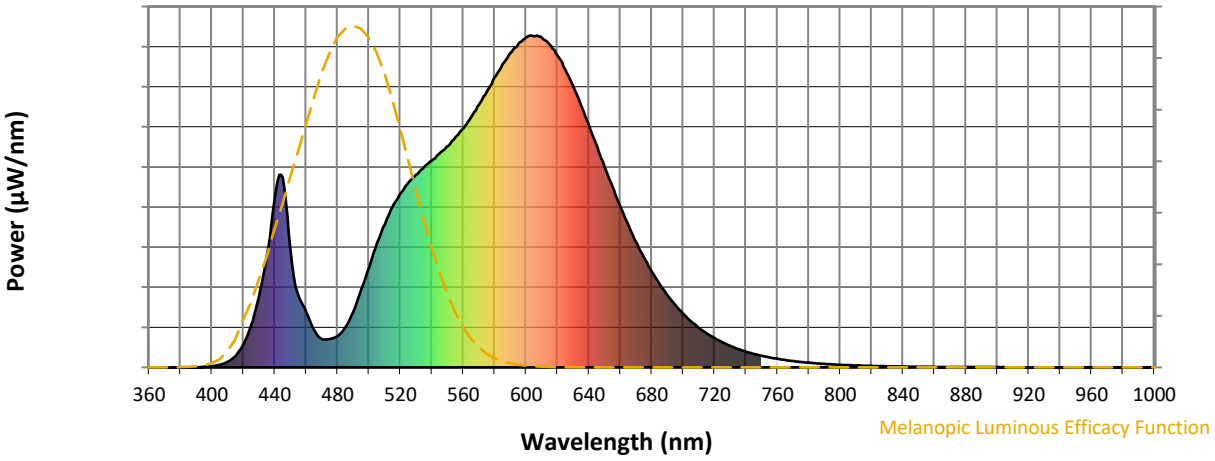
Melanopic Flux vs. Wavelength



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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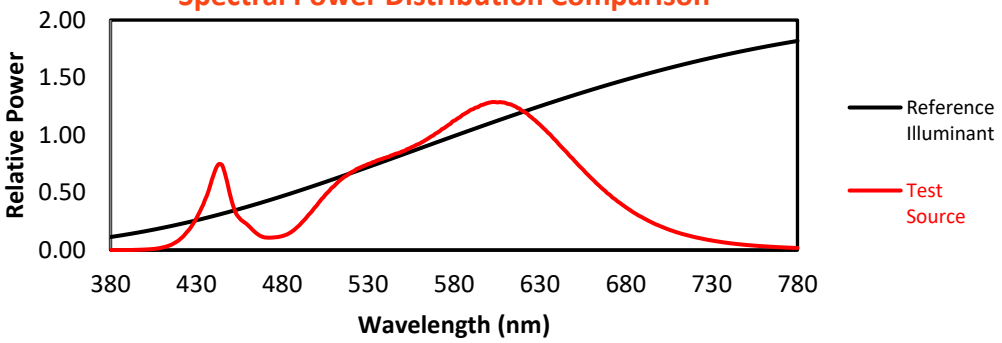
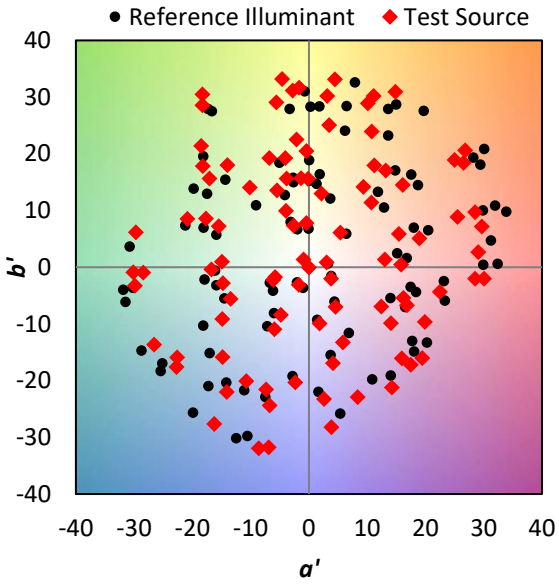
Summary

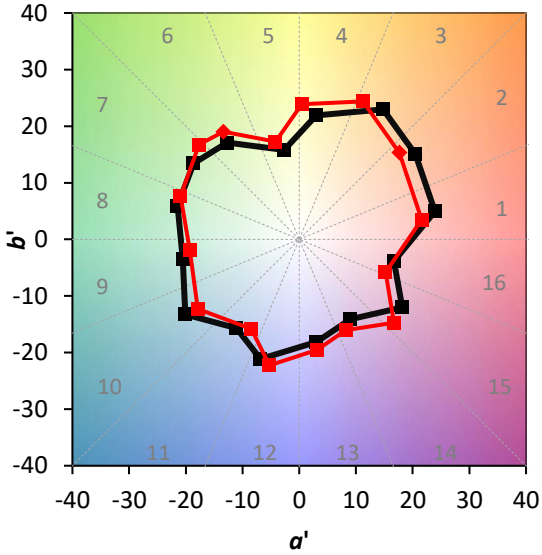
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

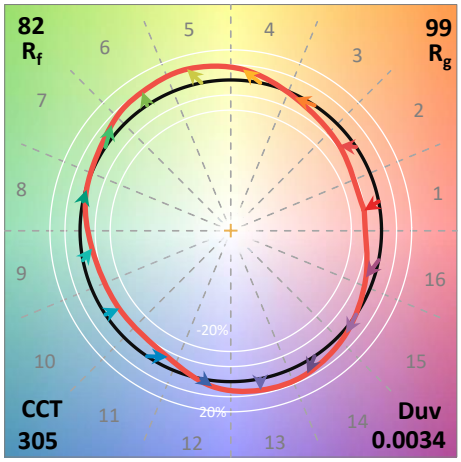
Spectral Power Distribution Comparison

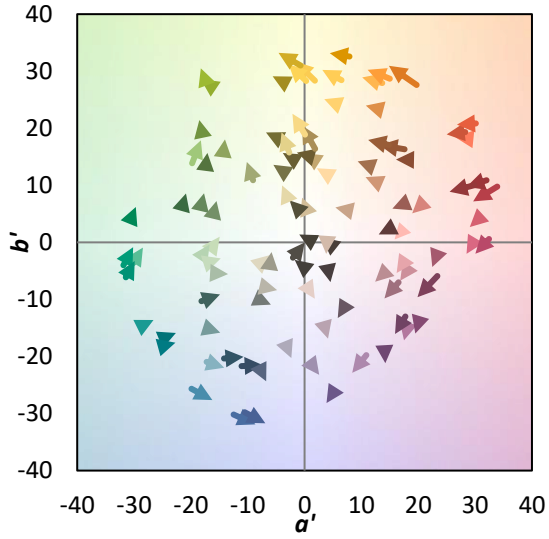


Color Vector Graphics









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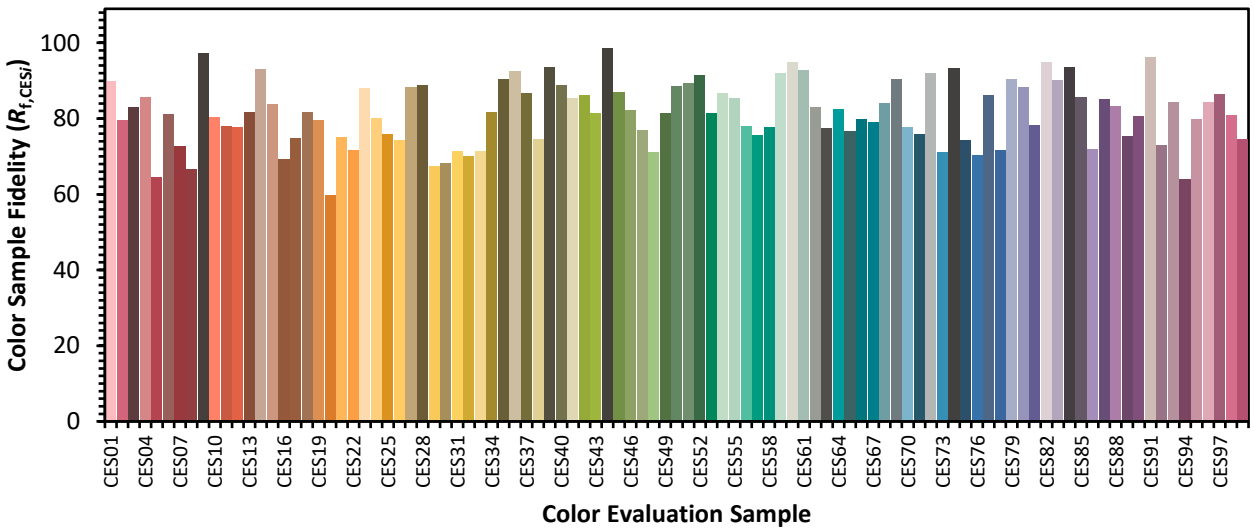
Individual Sample Fidelity Index ($R_{f,i}$)

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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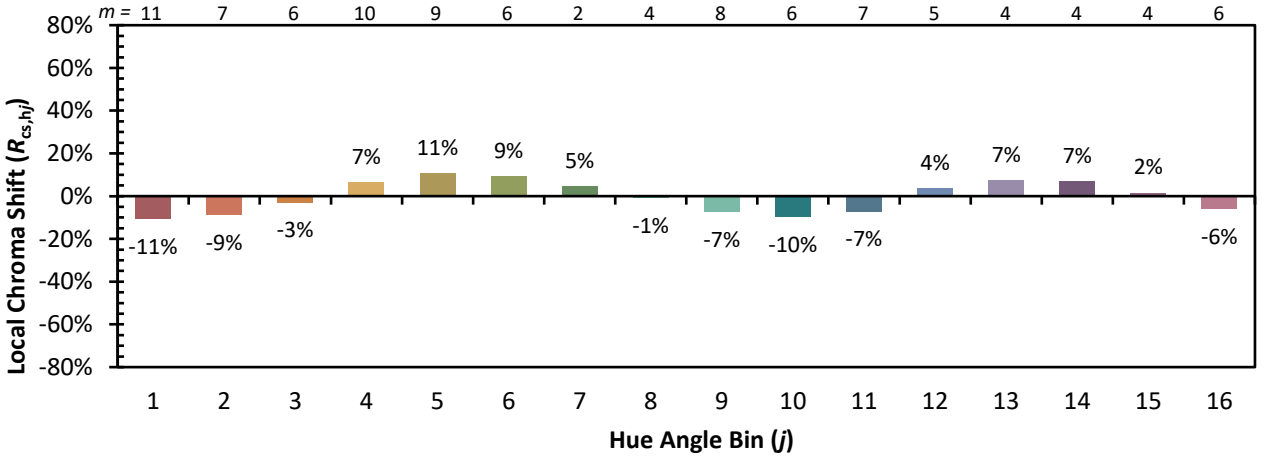
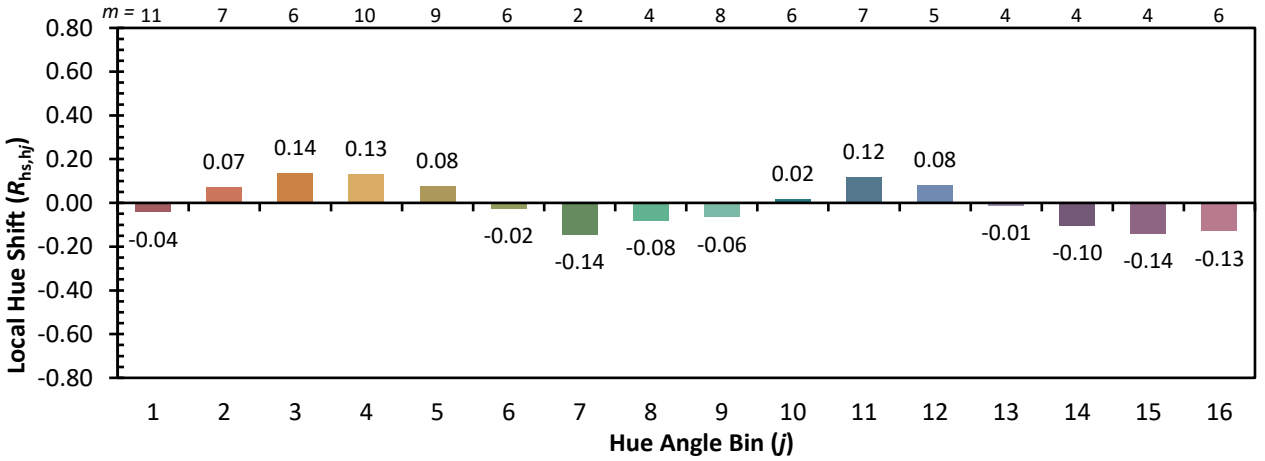
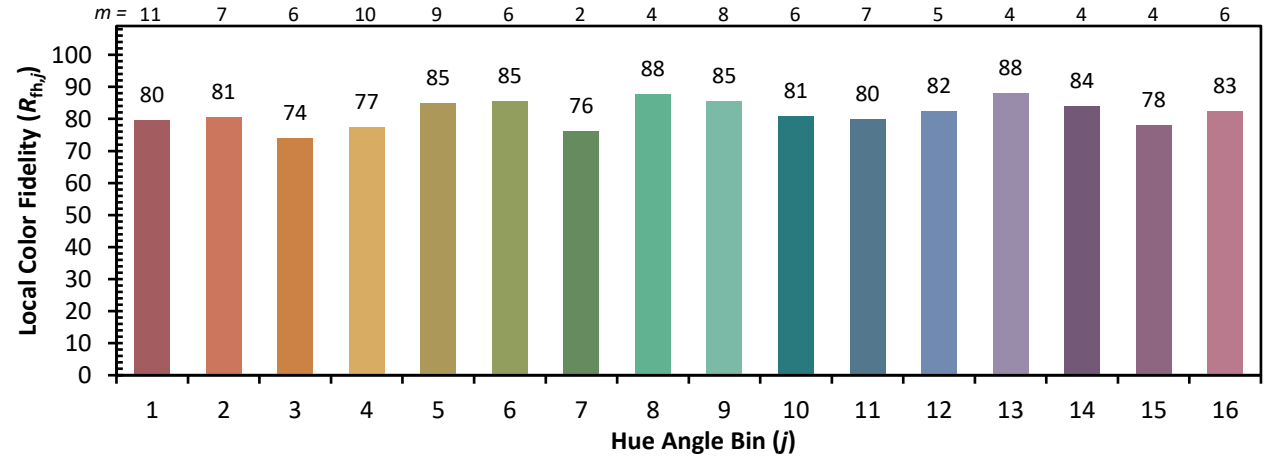
Color Rendition by Hue-Angle Bin







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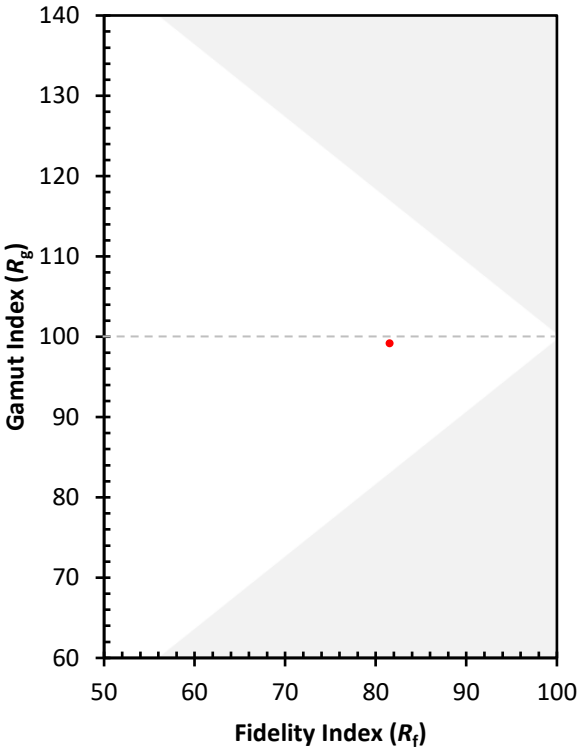
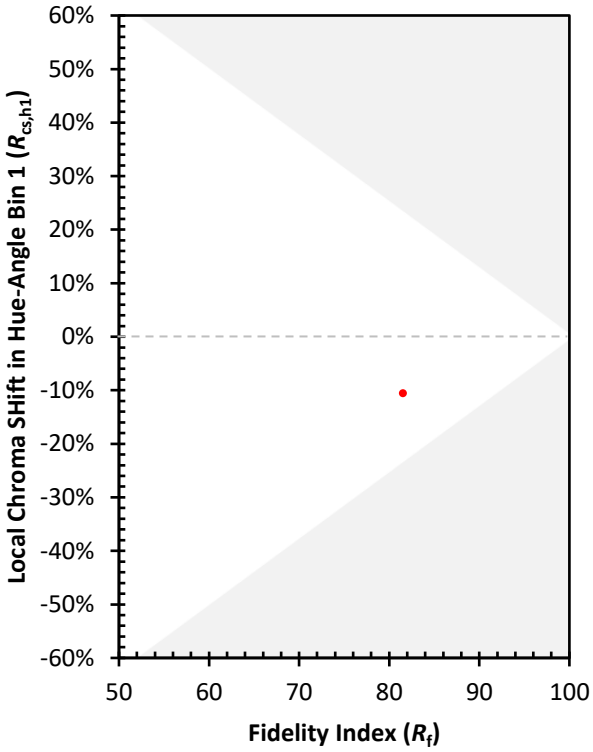
Measure Comparisons





(END OF REPORT)