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: P323690

Luminaire Tested: **GLEON-SA6C-830-U-SL3-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:	P323690
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-23)
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-SL3-HSS
Description:	GALLEON AREA AND ROADWAY LUMINAIRE
	(6) 80 CRI, 3000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE III
	SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	28719 lumens
Efficiency:	N/A
Efficacy:	86.2 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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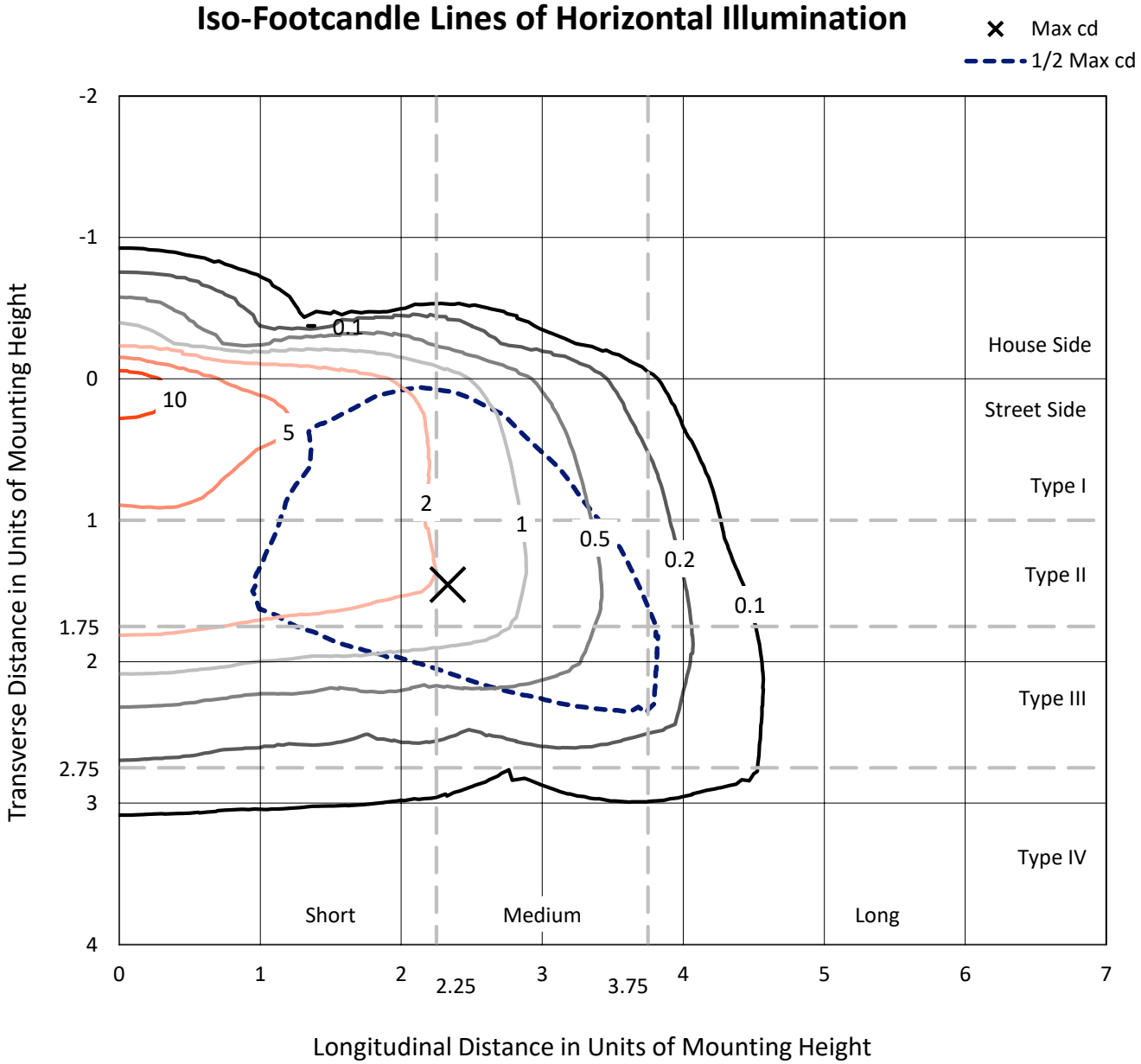
Scaled Data Report

REPORT NUMBER: P323690
CATALOG NUMBER: GLEON-SA6C-830-U-SL3-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 13.8 fc
Type III - Medium - N/A

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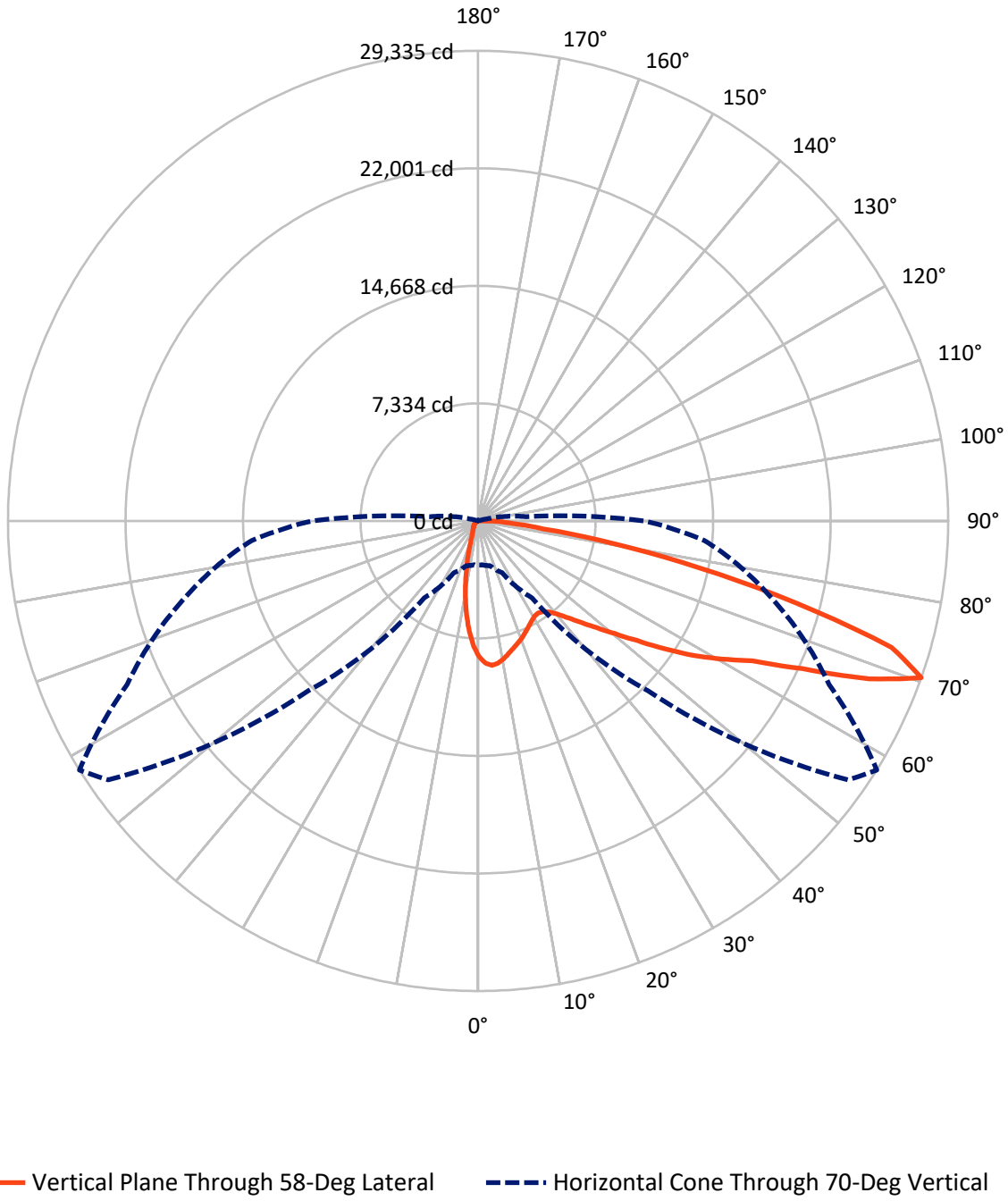
REPORT NUMBER: P323690
CATALOG NUMBER: GLEON-SA6C-830-U-SL3-HSS

Luminous Intensity Polar Plot



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REPORT NUMBER: P323690
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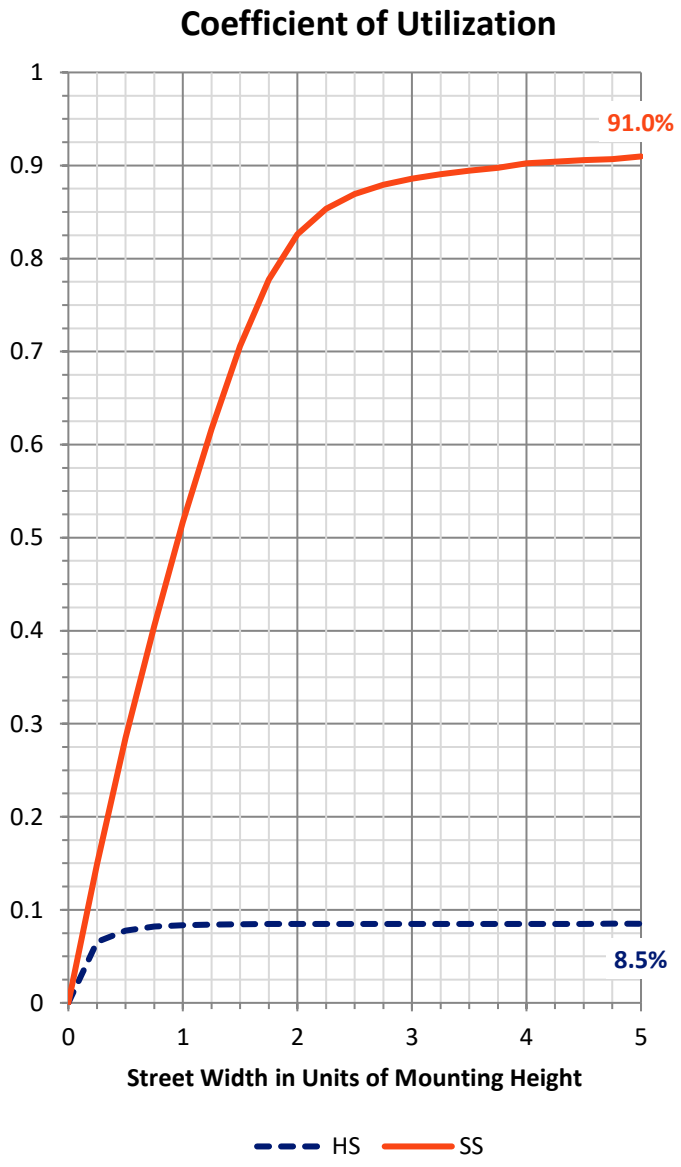
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2457.7	0.0	2457.7
	% Fixture	8.6	0.0	8.6
Street Side	Lumens	26261.3	0.0	26261.3
	% Fixture	91.4	0.0	91.4
Total	Lumens	28719.0	0.0	28719.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	693.7	2.4
10°-20°	1456.0	5.1
20°-30°	1914.1	6.7
30°-40°	2535.0	8.8
40°-50°	3789.1	13.2
50°-60°	6069.9	21.1
60°-70°	7651.1	26.6
70°-80°	4127.0	14.4
80°-90°	483.1	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°	28719.0	100.0
0°-180°	28719.0	100.0



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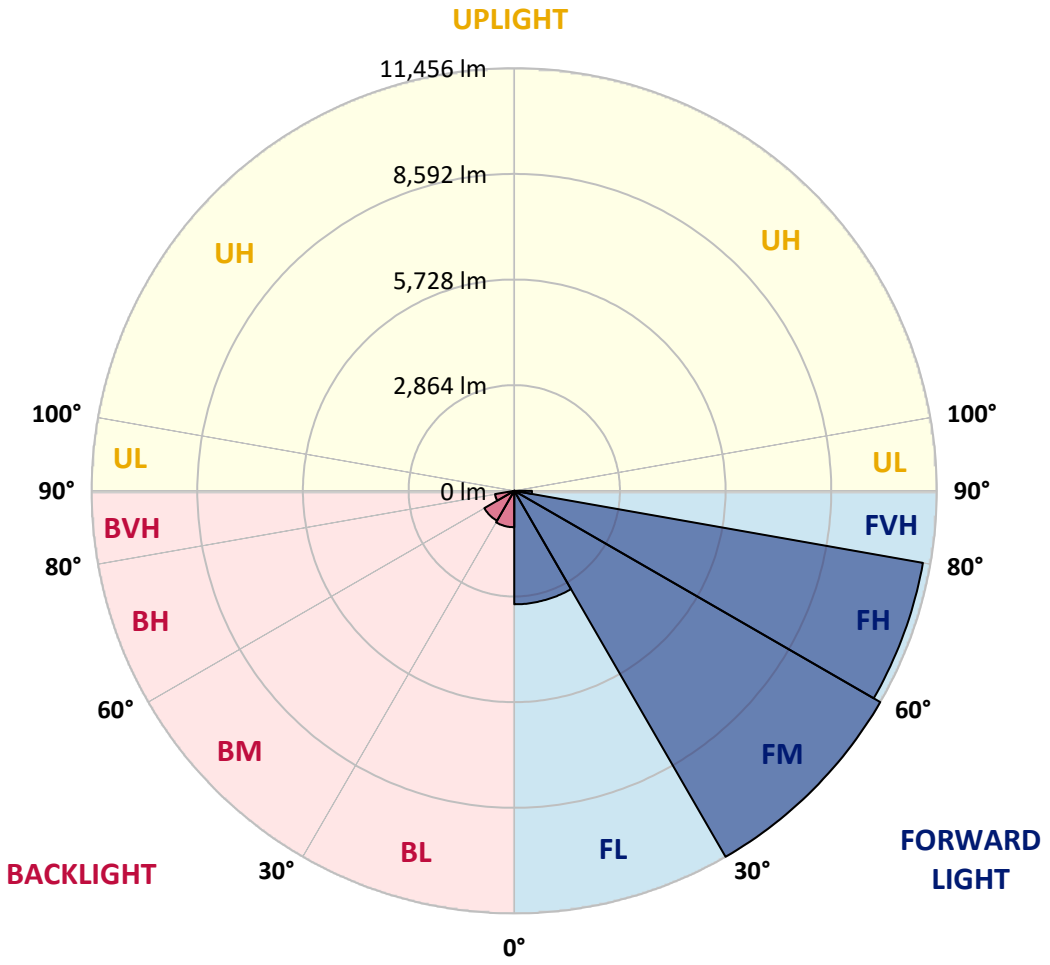
REPORT NUMBER: P323690
CATALOG NUMBER: GLEON-SA6C-830-U-SL3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3076.4	10.7			
FM	(30°-60°)	11456.4	39.9			
FH	(60°-80°)	11249.5	39.2			G4/12000
FVH	(80°-90°)	478.9	1.7			G3/500
BL	(0°-30°)	987.4	3.4	B2/1000		
BM	(30°-60°)	937.6	3.3	B1/1000		
BH	(60°-80°)	528.5	1.8	B2/1000		G2/1000
BVH	(80°-90°)	4.2	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: P323690
CATALOG NUMBER: GLEON-SA6C-830-U-SL3-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	58°	65°	75°	85°
0°	8483.5	8483.5	8483.5	8483.5	8483.5	8483.5	8483.5	*8483.5*	8483.5	8483.5	8483.5
2.5°	9186.8	9164.1	9155.8	9141.5	9086.5	9032.8	8926.5	*8896.6*	8829.8	8670.9	8502.6
5°	9194.0	9192.8	9217.9	9211.9	9192.8	9167.7	9091.3	*9051.9*	8938.4	8711.5	8403.4
7.5°	8751.0	8773.6	8829.8	8875.1	8927.7	8995.8	9005.3	*8967.1*	8874.0	8629.1	8220.7
10°	8156.3	8192.1	8270.9	8360.5	8497.8	8633.9	8755.7	*8751.0*	8718.7	8477.5	8001.0
12.5°	7560.4	7602.2	7692.9	7825.5	8020.1	8242.2	8459.6	*8489.4*	8543.2	8341.3	7798.0
15°	7038.5	7074.3	7163.9	7326.3	7567.5	7866.1	8184.9	*8239.8*	8378.4	8235.1	7628.4
17.5°	6595.5	6618.1	6683.8	6864.1	7143.6	7505.4	7919.8	*8027.3*	8233.9	8151.5	7481.5
20°	6286.2	6289.7	6332.7	6459.3	6738.8	7143.6	7645.1	*7799.2*	8081.0	8079.8	7329.9
22.5°	6133.3	6121.4	6129.7	6202.6	6408.0	6798.5	7370.5	*7553.2*	7943.7	8018.9	7175.8
25°	6104.6	6095.1	6071.2	6080.8	6205.0	6496.3	7093.4	*7304.8*	7823.1	7981.9	7042.1
27.5°	6194.2	6203.8	6163.2	6120.2	6129.7	6300.5	6847.4	*7092.2*	7725.2	7981.9	6947.7
30°	6374.5	6379.3	6349.5	6293.3	6218.1	6245.6	6676.7	*6921.5*	7676.2	8036.8	6888.0
32.5°	6574.0	6600.2	6596.7	6551.3	6443.8	6332.7	6636.1	*6859.4*	7672.6	8158.6	6882.1
35°	6821.2	6851.0	6901.2	6891.6	6779.4	6596.7	6774.6	*6950.1*	7743.1	8359.3	6946.5
37.5°	7083.9	7129.3	7236.7	7288.1	7215.2	7008.6	7085.1	*7210.5*	7931.7	8684.1	7110.1
40°	7338.2	7389.6	7585.4	7787.2	7732.3	7519.8	7555.6	*7655.9*	8267.3	9151.0	7420.6
42.5°	7587.8	7664.2	7952.0	8284.0	8349.7	8180.1	8199.2	*8279.3*	8765.3	9793.5	7928.2
45°	7886.4	7972.3	8398.7	8808.3	8983.8	8909.8	8991.0	*9043.5*	9416.1	10642.5	8612.4
47.5°	8324.6	8423.7	8946.8	9413.7	9721.8	9769.6	9933.2	*9967.8*	10238.9	11631.3	9504.5
50°	9179.7	9207.1	9680.0	10104.0	10548.2	10834.8	11021.1	*11047.4*	11234.8	12712.0	10618.7
52.5°	10255.6	10273.5	10541.0	10825.2	11330.4	11915.5	12351.4	*12388.4*	12427.8	13765.3	11718.5
55°	11324.4	11322.0	11498.8	11665.9	12243.9	13094.2	14040.0	*14062.7*	13779.6	14764.8	12559.2
57.5°	11992.0	12056.4	12325.1	12540.1	13347.4	14437.6	15750.0	*15833.6*	15199.5	15505.2	13390.3
60°	11779.4	11810.4	12406.3	13201.7	14721.9	16347.1	17480.4	*17501.9*	16267.1	16244.4	14441.2
62.5°	10035.9	10052.6	10988.8	12628.5	15418.1	18823.9	19567.8	*19217.9*	17494.7	17270.2	15698.7
65°	6878.5	6987.1	7769.3	9795.9	14139.1	20377.5	22799.3	*22220.1*	19366.0	18748.6	16835.6
67.5°	4050.7	4028.0	4414.9	5907.6	10384.6	19345.7	26887.0	*26311.4*	21918.0	19738.6	16502.4
70°	*2766.9*	*2751.4*	*2899.5*	*3576.6*	*5862.2*	*15007.3*	*28173.1*	*29335.0*	*24171.4*	*19072.3*	*14202.4*
72.5°	1975.2	1983.5	2202.1	2778.9	3680.5	8743.8	24227.5	*26977.7*	23465.6	16626.6	10795.4
75°	1341.1	1363.8	1676.6	2279.7	3226.7	4448.3	17192.6	*20507.7*	19108.1	12083.9	6205.0
77.5°	721.3	746.4	1115.4	1836.6	2917.4	3090.5	11059.3	*14114.0*	12002.7	5432.3	1798.4
80°	300.9	315.3	521.9	1335.1	2520.9	2714.4	6507.1	*8558.7*	5114.7	1071.2	401.2
82.5°	130.2	137.3	217.3	796.5	1884.4	2291.6	3445.2	*4117.5*	1550.0	235.3	201.8
85°	25.1	26.3	89.6	421.5	1202.5	1293.3	2233.1	*2188.9*	696.2	101.5	146.9
87.5°	0.0	0.0	21.5	132.6	353.5	704.6	1362.6	*1345.8*	236.4	49.0	54.9
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: P323690
CATALOG NUMBER: GLEON-SA6C-830-U-SL3-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8483.5	8483.5	8483.5	8483.5	8483.5	8483.5	8483.5	8483.5	8483.5	8483.5	8483.5
2.5°	8416.6	8334.2	8161.0	7947.3	7783.7	7603.3	7460.0	7278.5	7199.7	7203.3	7160.3
5°	8227.9	8058.3	7675.0	7191.4	6818.8	6434.2	6103.5	5773.9	5579.2	5515.9	5456.2
7.5°	7958.0	7689.3	7077.9	6332.7	5702.2	5086.0	4549.8	4078.1	3779.6	3633.9	3580.2
10°	7653.5	7276.1	6391.3	5409.6	4509.2	3675.7	2980.7	2376.4	2135.2	1971.6	1929.8
12.5°	7386.0	6874.9	5720.1	4462.7	3393.9	2388.4	1725.6	1349.4	1185.8	1121.3	1110.6
15°	7134.0	6499.9	5074.1	3605.2	2350.1	1470.0	1097.5	969.7	931.5	920.7	920.7
17.5°	6896.4	6142.9	4442.4	2760.9	1554.8	1030.6	908.8	880.1	868.2	867.0	868.2
20°	6648.0	5785.8	3821.4	2022.9	1085.5	872.9	839.5	824.0	820.4	820.4	820.4
22.5°	6410.4	5428.7	3217.1	1445.0	870.6	796.5	779.8	769.1	765.5	764.3	761.9
25°	6182.3	5089.6	2627.2	1021.0	764.3	729.6	715.3	701.0	690.2	684.3	680.7
27.5°	5994.8	4787.5	2077.9	819.2	690.2	660.4	642.5	621.0	594.7	582.8	578.0
30°	5845.5	4511.6	1601.4	691.4	621.0	591.1	563.7	526.6	488.4	468.1	466.9
32.5°	5728.5	4240.5	1215.7	611.4	558.9	521.9	482.4	435.9	391.7	369.0	367.8
35°	5671.2	4001.7	929.1	552.9	503.9	457.4	408.4	357.1	314.1	292.6	290.2
37.5°	5709.4	3799.9	724.9	503.9	457.4	403.6	346.3	292.6	254.4	235.3	234.1
40°	5849.1	3670.9	588.7	462.1	418.0	352.3	290.2	240.0	207.8	192.3	191.1
42.5°	6146.4	3623.1	502.7	427.5	379.7	304.5	241.2	198.2	168.4	157.6	155.2
45°	6643.2	3693.6	444.2	394.1	340.3	259.1	199.4	162.4	136.1	127.8	126.6
47.5°	7304.8	3878.7	402.4	361.8	304.5	218.5	166.0	131.4	111.1	102.7	101.5
50°	8157.4	4172.5	367.8	329.6	271.1	185.1	137.3	103.9	86.0	80.0	80.0
52.5°	9085.3	4522.4	336.8	299.7	237.6	154.0	111.1	80.0	68.1	60.9	60.9
55°	9852.0	4828.1	303.3	277.0	197.0	127.8	84.8	60.9	50.2	46.6	46.6
57.5°	10617.5	5154.1	265.1	237.6	157.6	103.9	64.5	45.4	37.0	34.6	34.6
60°	11609.8	5552.9	228.1	193.5	124.2	78.8	47.8	32.2	27.5	26.3	26.3
62.5°	12701.3	5787.0	194.7	155.2	96.7	58.5	34.6	21.5	20.3	20.3	19.1
65°	13368.8	5456.2	163.6	124.2	75.2	44.2	22.7	15.5	17.9	16.7	14.3
67.5°	12517.4	4271.6	133.7	96.7	58.5	33.4	14.3	10.7	19.1	15.5	11.9
70°	*10364.3*	*2990.2*	*103.9*	*68.1*	*46.6*	*28.7*	*9.6*	*7.2*	*20.3*	*15.5*	*9.6*
72.5°	7756.2	2001.4	82.4	45.4	34.6	25.1	8.4	3.6	17.9	13.1	8.4
75°	4238.1	806.1	65.7	28.7	21.5	17.9	6.0	2.4	11.9	9.6	6.0
77.5°	1115.4	212.6	47.8	19.1	11.9	7.2	3.6	1.2	6.0	4.8	2.4
80°	284.2	82.4	31.0	13.1	8.4	3.6	0.0	0.0	1.2	0.0	0.0
82.5°	151.7	34.6	19.1	9.6	4.8	0.0	0.0	0.0	0.0	0.0	0.0
85°	114.6	22.7	10.7	6.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	44.2	7.2	3.6	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

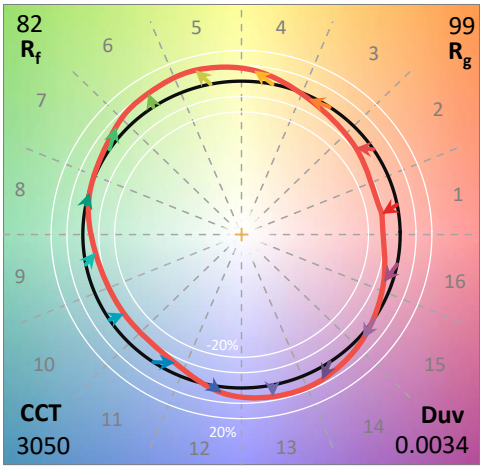
Test Information

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

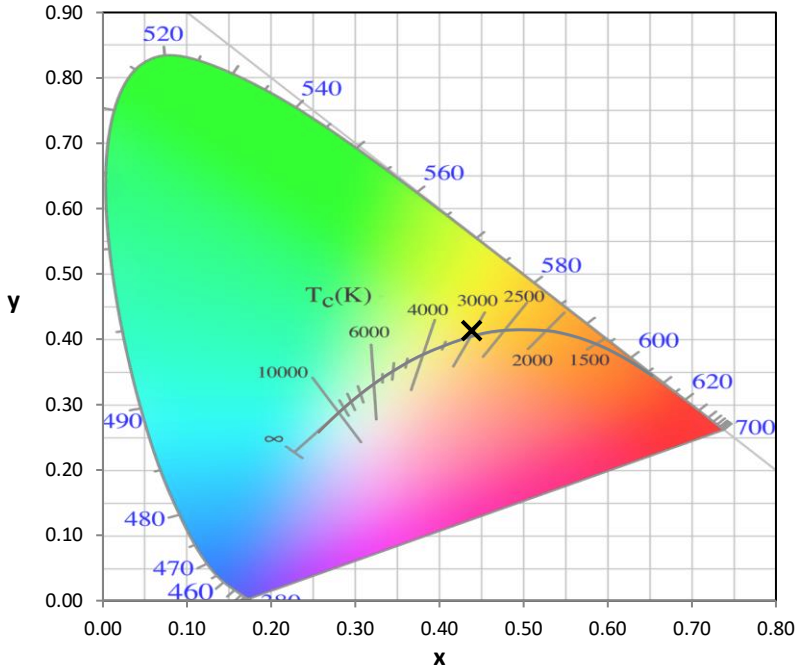
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

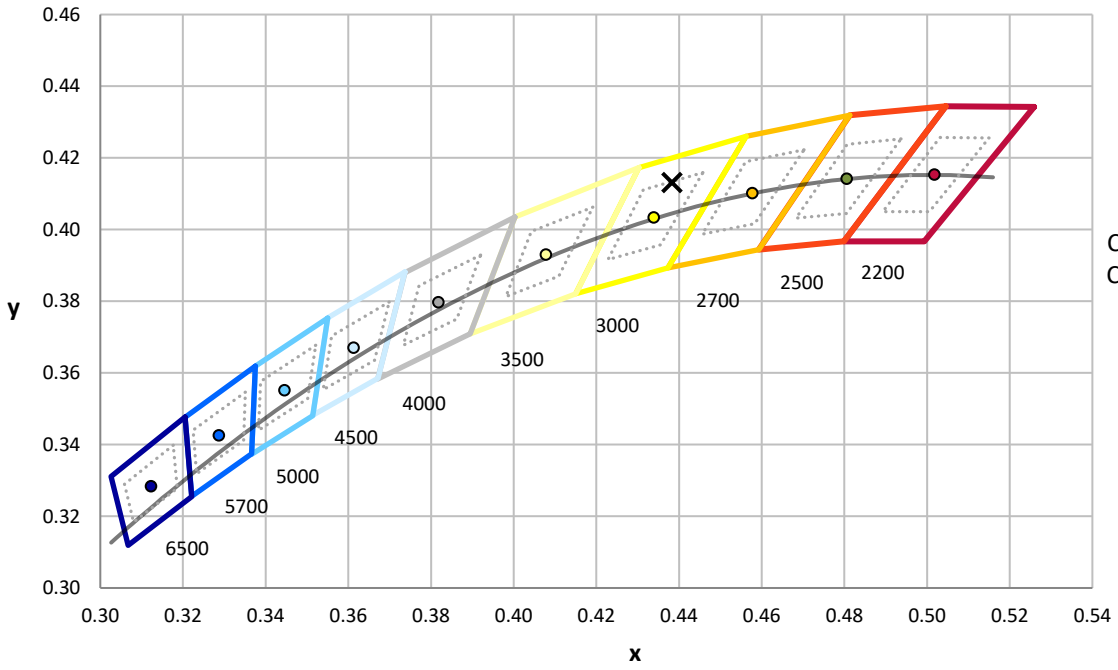
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

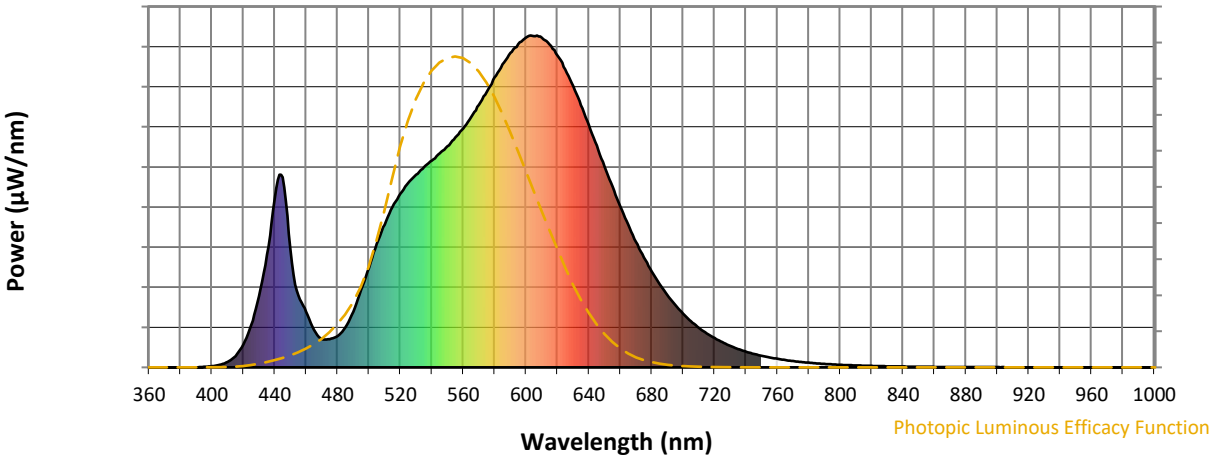


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

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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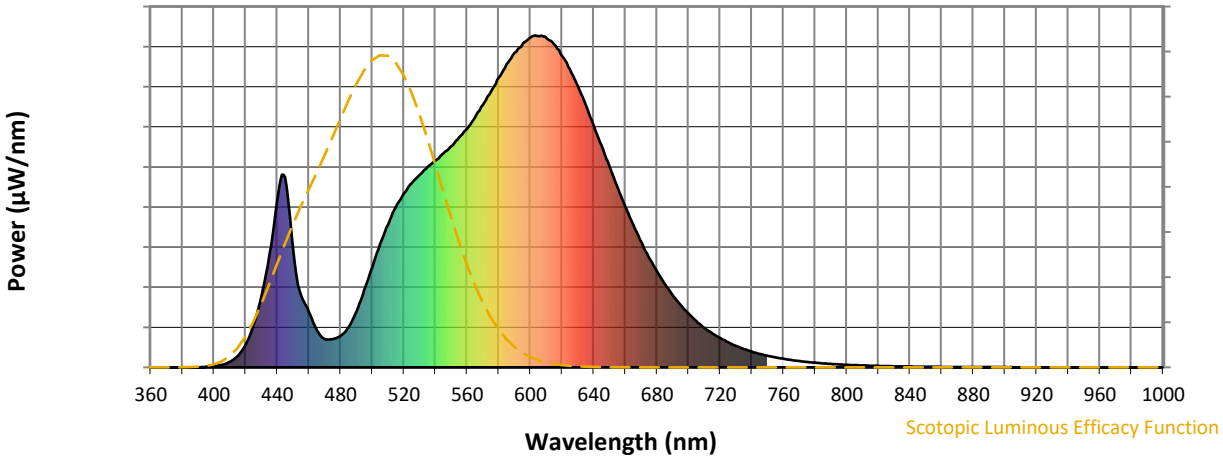
Scotopic Flux vs. Wavelength



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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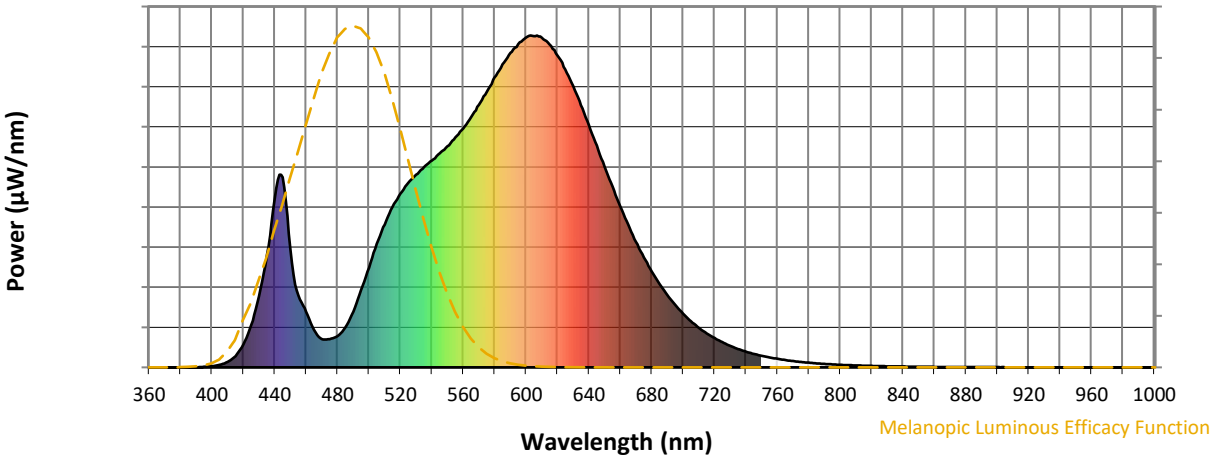
Melanopic Flux vs. Wavelength



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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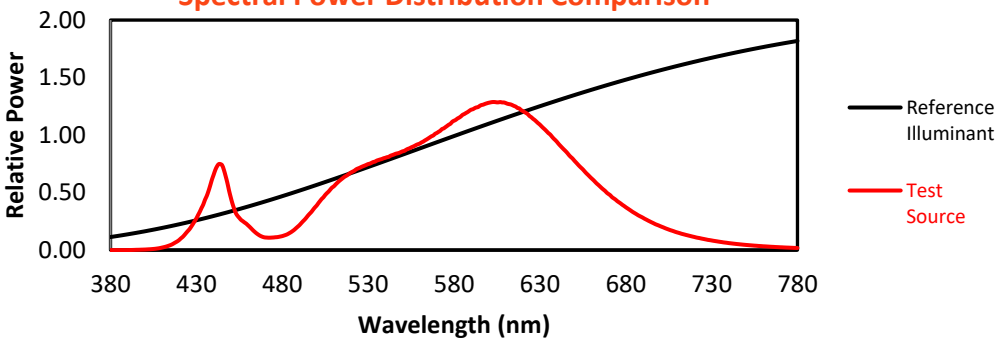
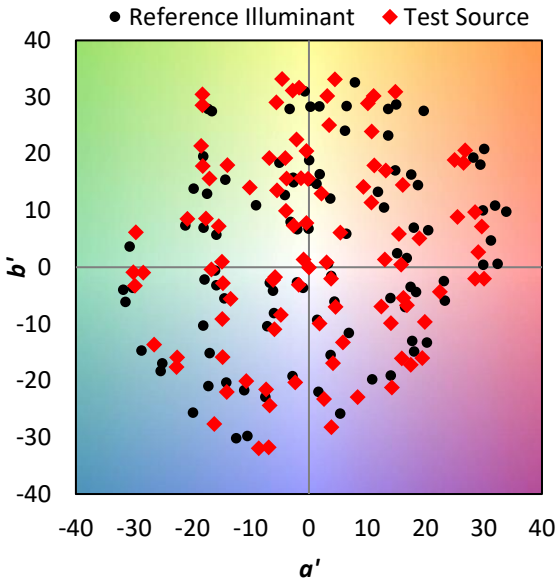
Summary

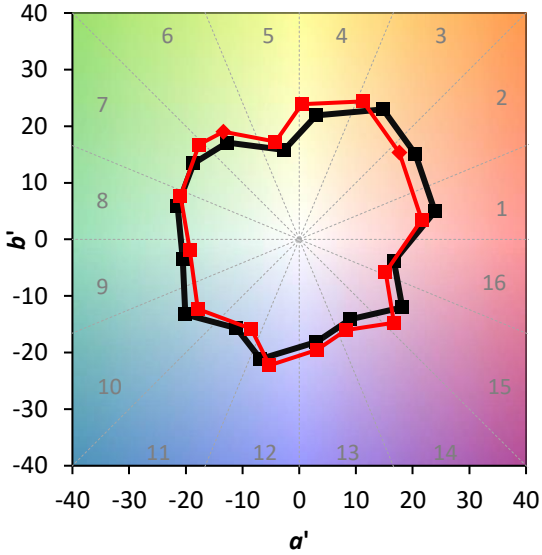
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

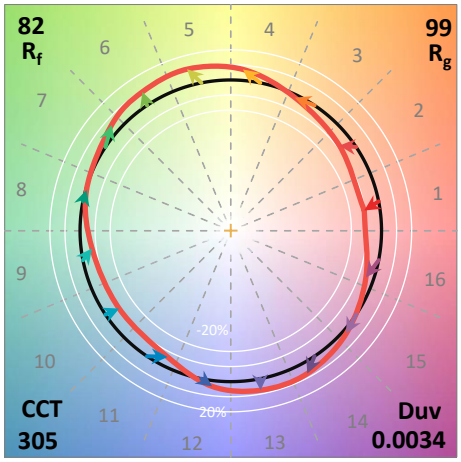
Spectral Power Distribution Comparison

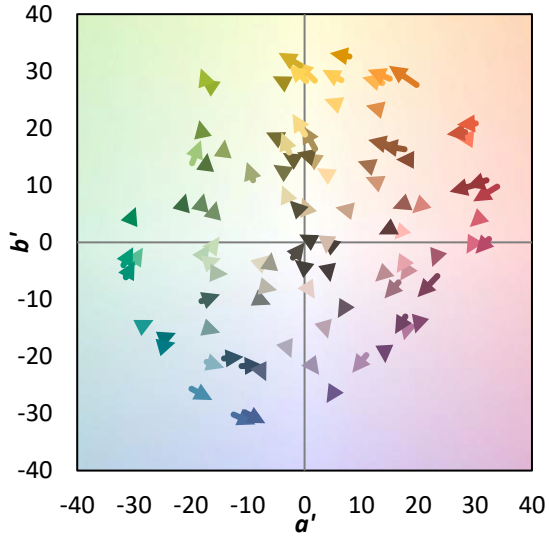


Color Vector Graphics









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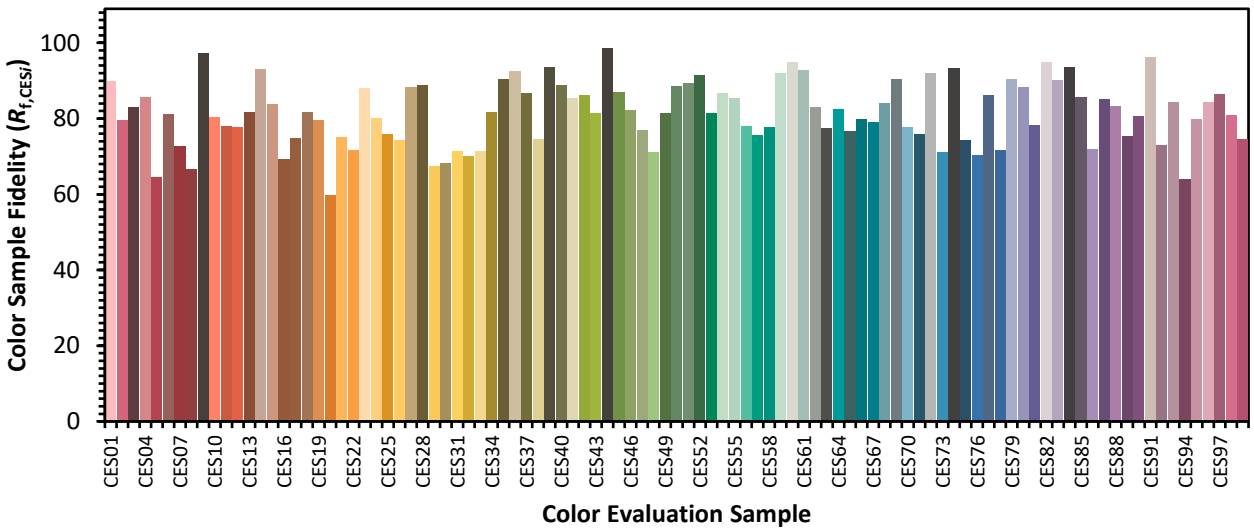
Individual Sample Fidelity Index ($R_{f,i}$)

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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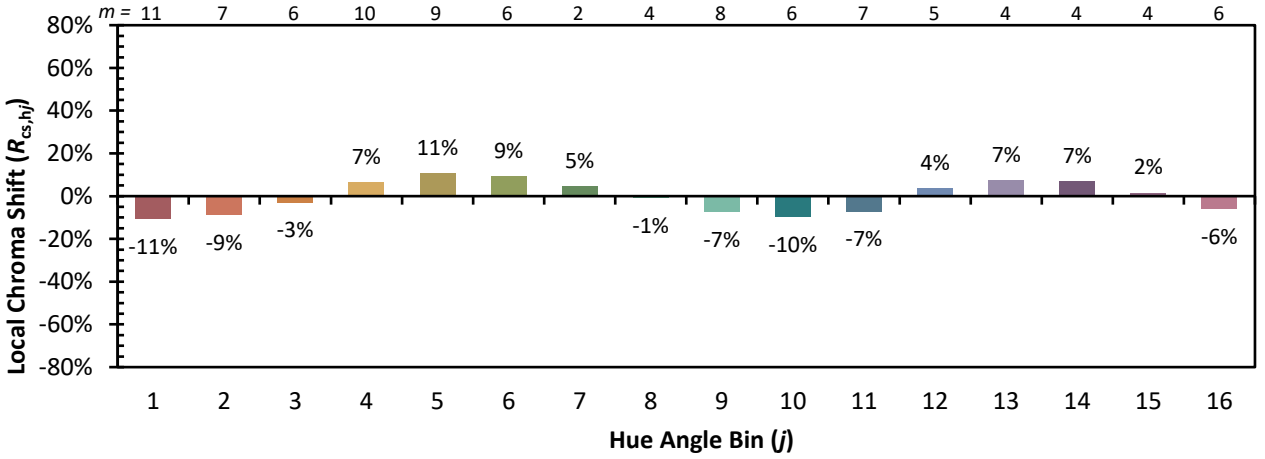
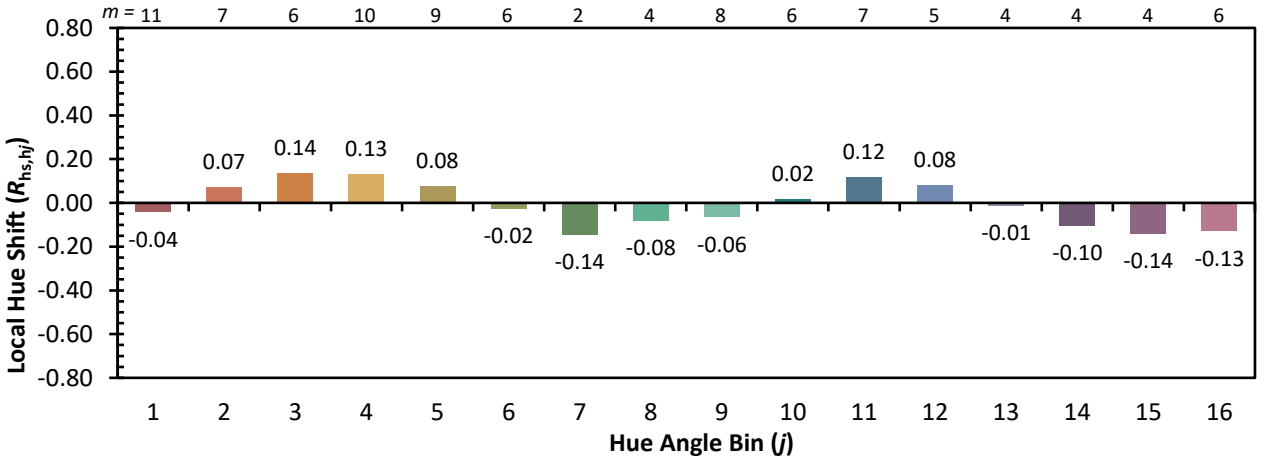
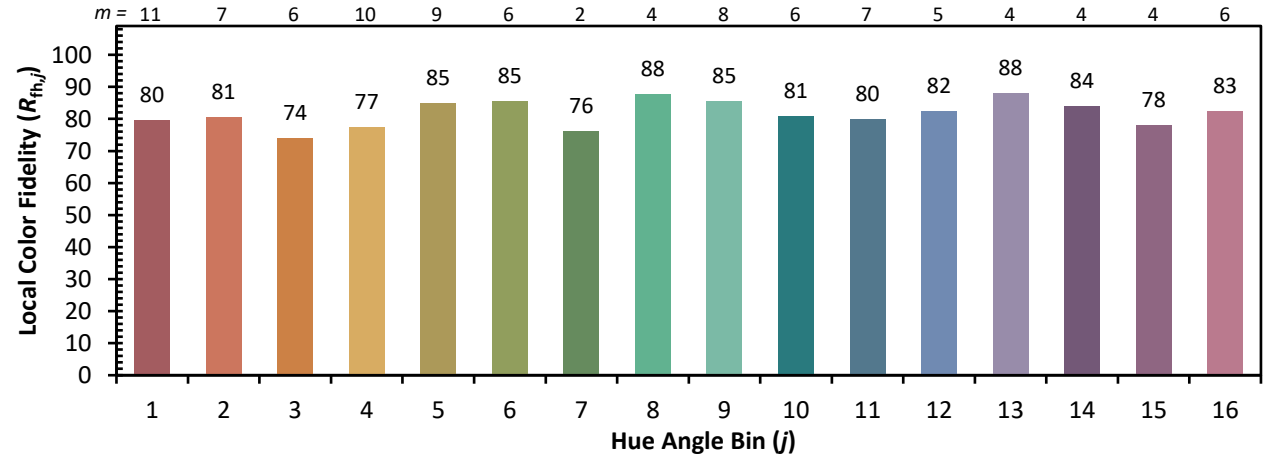
Color Rendition by Hue-Angle Bin







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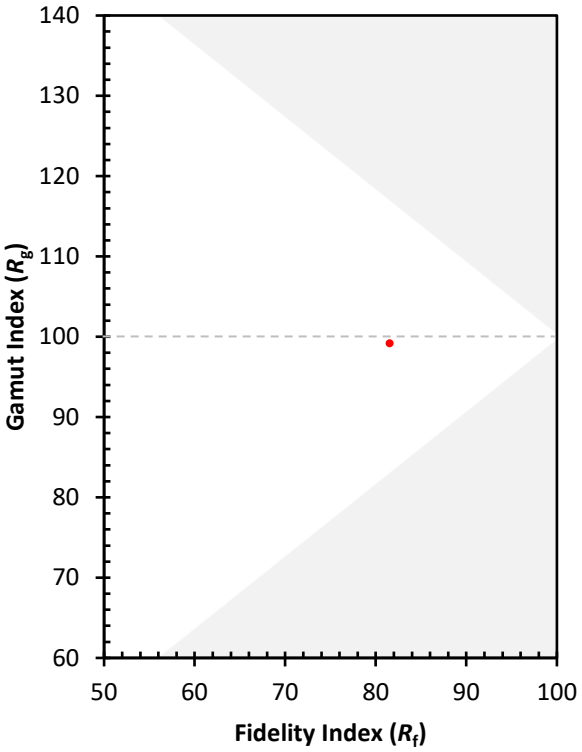
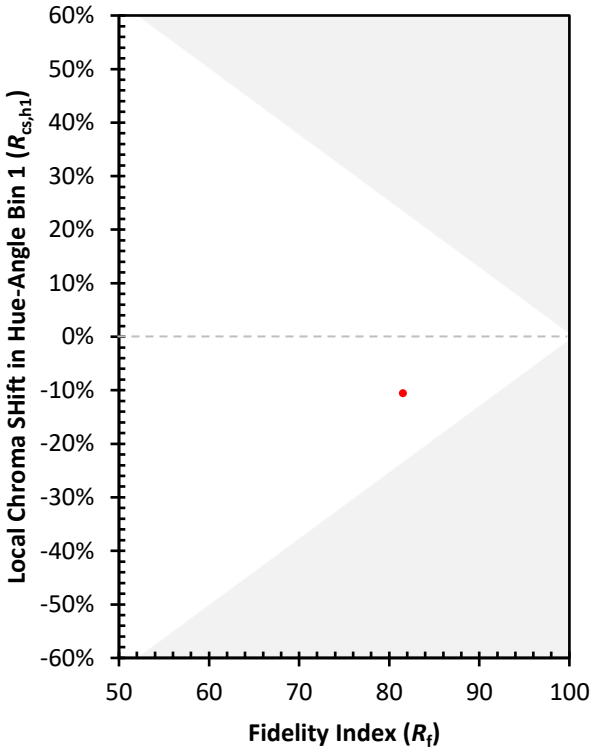
Measure Comparisons





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