Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1203857

Luminaire Tested: GWC-SB2D-830-U-SL2

Issue Date: 10/30/2025

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203857
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-10)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2D-830-U-SL2
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	18171 lumens
Efficiency:	N/A
Efficacy:	123.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B3 - U0 - G3

Input Watts (W):	147.6
Input Voltage (V):	120.0
Input Current (Ain):	1.234
Voltage Rise (V):	NR
Power Factor:	0.999
Total Harmonic Distortion (THDi):	3.108
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

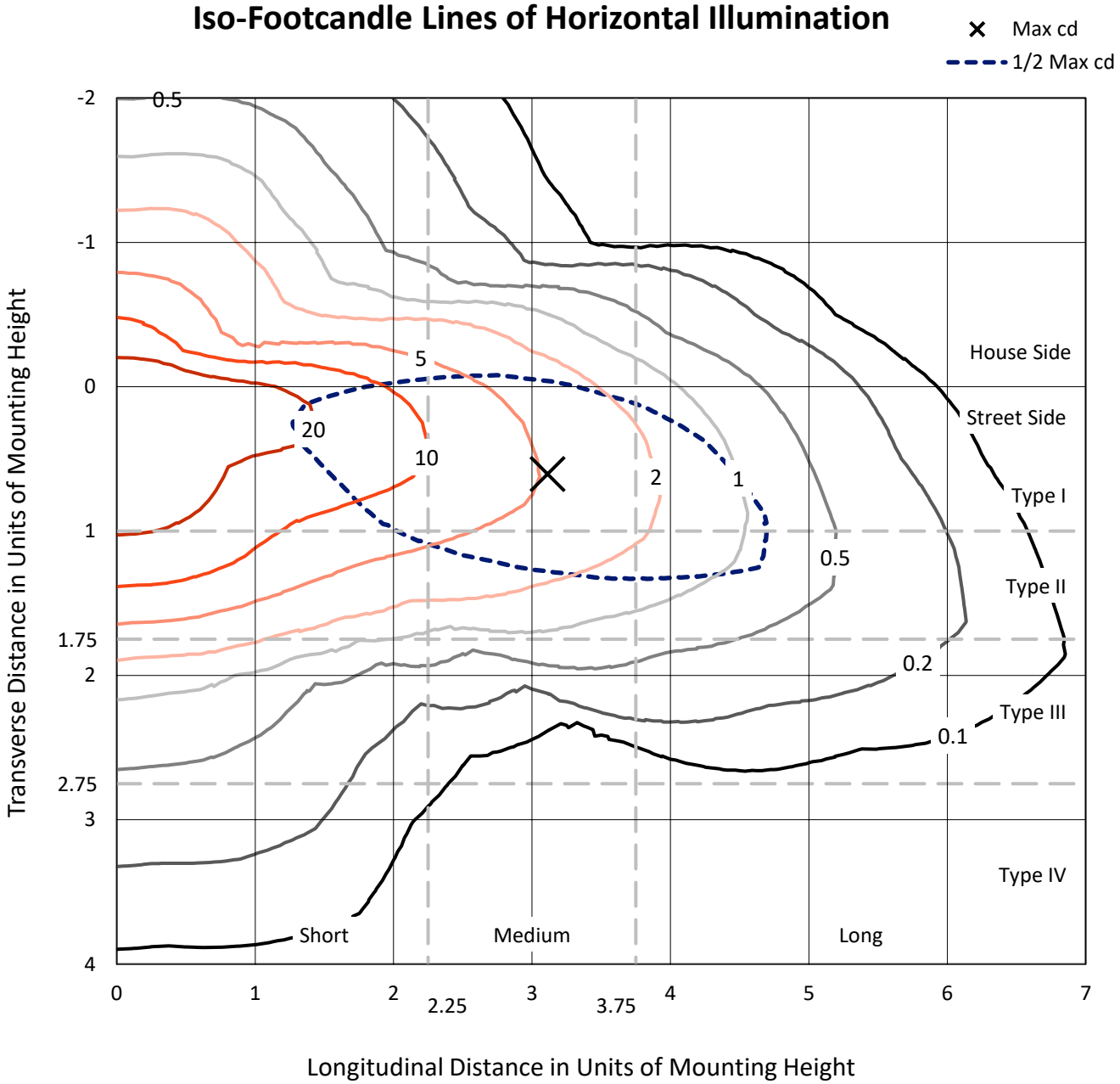


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Scaled Data Report

REPORT NUMBER: P1203857
CATALOG NUMBER: GWC-SB2D-830-U-SL2

Iso-Footcandle Lines of Horizontal Illumination



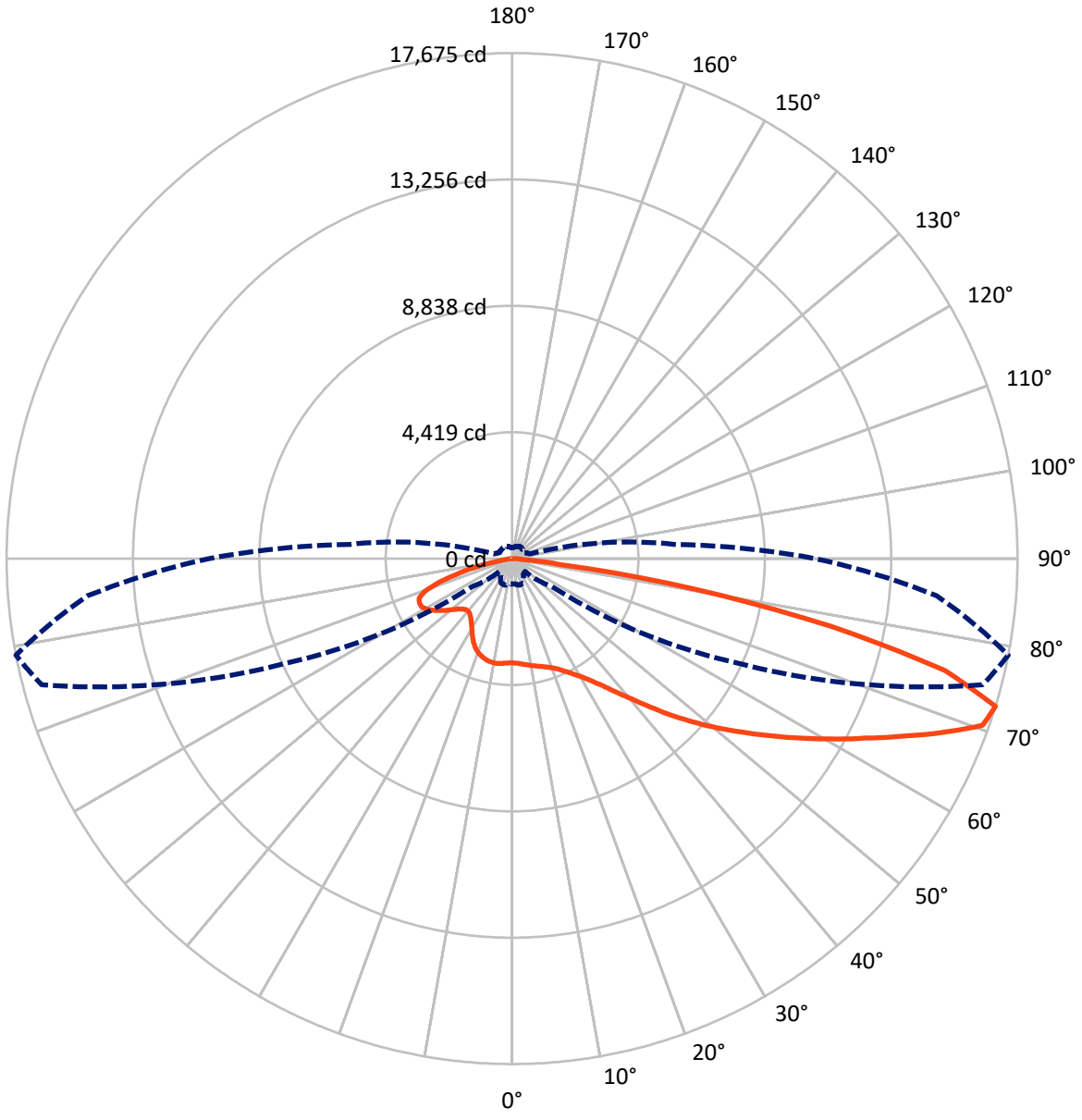
Based on 10 foot mounting height. Maximum calculated value = 33.8 fc
Type II - Medium - N/A

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REPORT NUMBER: P1203857
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Luminous Intensity Polar Plot



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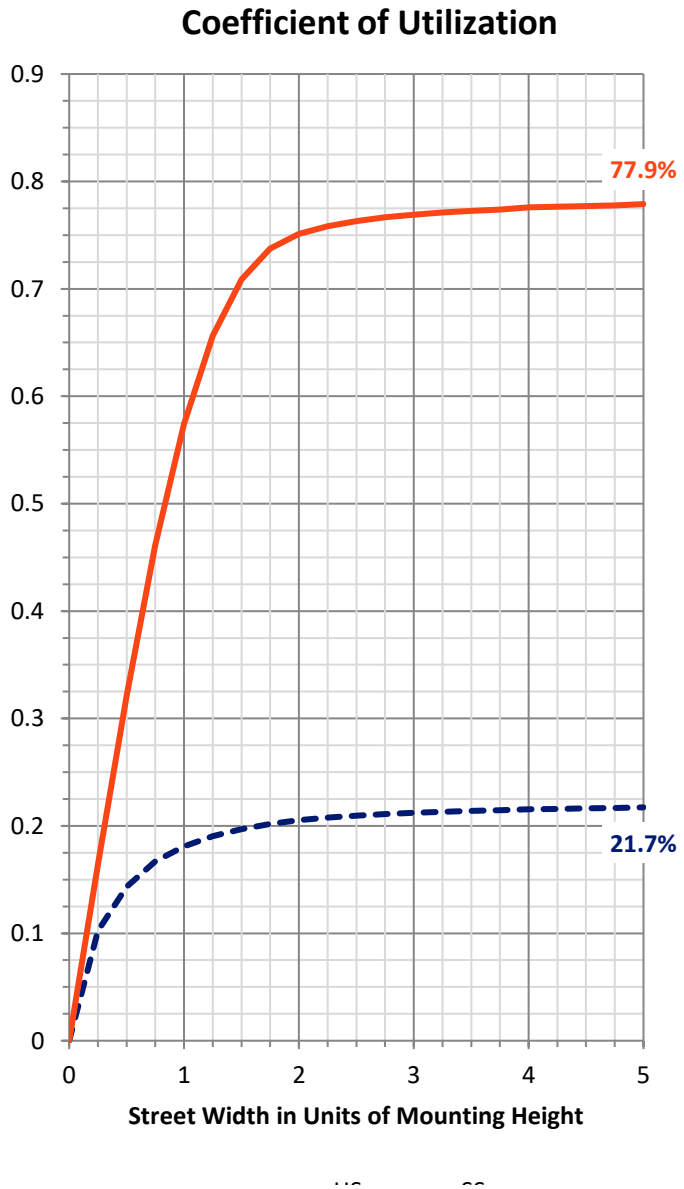
REPORT NUMBER: P1203857
CATALOG NUMBER: GWC-SB2D-830-U-SL2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3998.6	0.0	3998.6
	% Fixture	22.0	0.0	22.0
Street Side	Lumens	14172.4	0.0	14172.4
	% Fixture	78.0	0.0	78.0
Total	Lumens	18171.0	0.0	18171.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	331.1	1.8
10°-20°	865.7	4.8
20°-30°	1396.8	7.7
30°-40°	2096.4	11.5
40°-50°	2973.9	16.4
50°-60°	3755.7	20.7
60°-70°	3814.4	21.0
70°-80°	2599.7	14.3
80°-90°	337.3	1.9
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°	18171.0	100.0
0°-180°	18171.0	100.0



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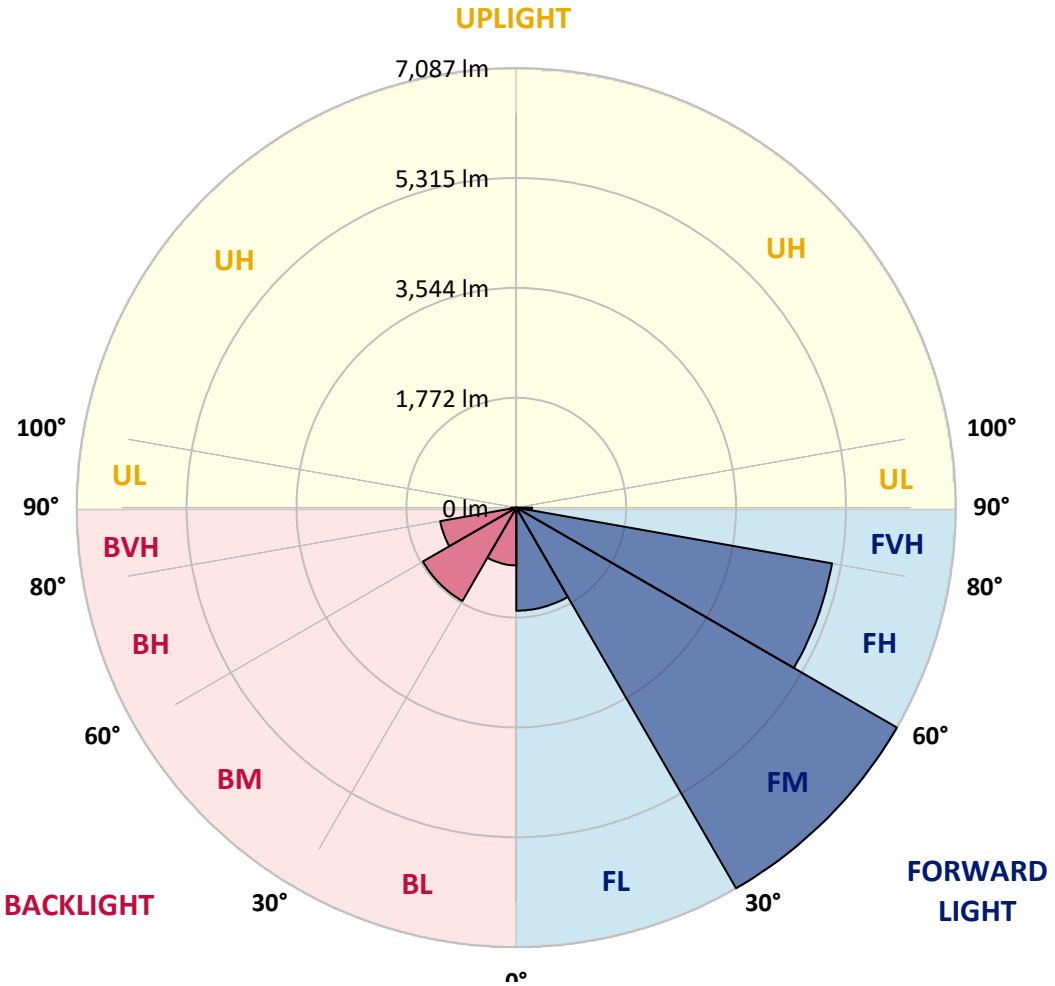
Scaled Data Report

REPORT NUMBER: P1203857
CATALOG NUMBER: GWC-SB2D-830-U-SL2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1662.2	9.1			
FM	(30°-60°)	7087.1	39.0			
FH	(60°-80°)	5169.0	28.4			G3/7500
FVH	(80°-90°)	254.1	1.4			G3/500
BL	(0°-30°)	931.4	5.1	B2/1000		
BM	(30°-60°)	1739.0	9.6	B2/2500		
BH	(60°-80°)	1245.0	6.9	B3/2500		G3/2500
BVH	(80°-90°)	83.2	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type II Medium



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REPORT NUMBER: P1203857
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	3647.7	3647.7	3647.7	3647.7	3647.7	3647.7	3647.7	3647.7	3647.7	*3647.7*	3647.7
2.5°	3649.6	3632.3	3642.8	3639.0	3643.8	3649.6	3651.5	3654.4	3664.0	*3663.0*	3662.1
5°	3641.9	3624.6	3639.0	3634.2	3646.7	3660.2	3671.7	3682.3	3697.6	*3704.4*	3694.8
7.5°	3625.5	3614.0	3628.4	3642.8	3665.9	3686.1	3702.4	3726.5	3748.6	*3752.4*	3759.2
10°	3530.4	3521.7	3555.4	3592.9	3656.3	3711.1	3746.7	3774.5	3798.6	*3802.4*	3812.0
12.5°	3431.4	3420.8	3458.3	3509.2	3612.1	3711.1	3786.1	3822.6	3843.7	*3856.2*	3870.6
15°	3415.1	3406.4	3427.5	3471.8	3557.3	3685.1	3813.0	3880.3	3898.5	*3912.9*	3918.7
17.5°	3493.9	3477.5	3486.2	3501.6	3551.5	3661.1	3834.1	3945.6	3973.5	*3988.9*	3988.9
20°	3676.5	3653.4	3640.0	3609.2	3600.6	3665.0	3832.2	4024.4	4061.0	*4080.2*	4085.0
22.5°	3919.7	3904.3	3875.5	3797.6	3713.0	3712.1	3868.7	4125.4	4193.6	*4211.9*	4200.3
25°	4213.8	4190.7	4154.2	4048.5	3886.0	3805.3	3930.2	4254.2	4368.5	*4373.3*	4339.7
27.5°	4552.1	4517.5	4467.5	4328.2	4109.0	3951.4	4024.4	4402.2	4569.4	*4567.5*	4498.3
30°	4908.7	4874.1	4821.2	4652.1	4376.2	4148.4	4155.2	4561.7	4807.8	*4797.2*	4679.0
32.5°	5169.2	5143.2	5132.7	5001.9	4683.8	4381.0	4305.1	4738.6	5101.9	*5092.3*	4927.0
35°	5369.1	5335.5	5348.0	5281.7	5019.3	4641.5	4488.7	4949.1	5459.5	*5458.5*	5252.8
37.5°	5567.1	5537.3	5547.9	5503.7	5329.7	4972.2	4712.6	5206.7	5902.6	*5923.7*	5646.9
40°	5747.8	5716.1	5758.4	5717.1	5571.0	5323.9	4967.3	5497.9	6415.8	*6456.2*	6123.6
42.5°	5856.4	5831.4	5901.6	5902.6	5780.5	5620.9	5247.0	5818.9	7009.8	*7100.2*	6710.0
45°	5893.9	5885.3	5991.0	6013.1	5966.0	5793.0	5498.9	6168.8	7650.0	*7811.5*	7378.0
47.5°	5853.5	5837.2	5983.3	6065.0	6102.5	5873.7	5707.5	6547.5	8303.6	*8540.0*	8106.5
50°	5649.8	5618.1	5835.3	6007.3	6140.9	5926.6	5917.9	6984.9	9046.6	*9305.1*	8839.0
52.5°	5283.6	5259.5	5506.6	5805.5	6056.4	5952.6	6154.4	7462.6	9752.1	*10086.6*	9589.6
55°	4815.5	4783.8	5055.8	5446.0	5845.9	5943.9	6390.8	7997.0	10584.4	*10923.7*	10365.3
57.5°	4073.5	4010.0	4354.1	4815.5	5502.7	5933.3	6636.9	8528.5	11430.3	*11836.9*	11192.9
60°	2991.2	2897.0	3318.9	3865.8	4831.8	5830.5	6941.6	9124.4	12445.3	*12811.5*	12096.4
62.5°	1741.6	1686.9	1962.7	2473.1	3641.9	5224.9	7112.7	9817.4	13443.0	*13827.4*	12984.5
65°	1352.4	1337.0	1361.0	1400.4	2027.1	3912.0	6585.0	10493.1	14711.7	*14980.9*	13910.1
67.5°	1237.0	1225.5	1236.1	1162.1	1028.5	2179.0	5209.6	10664.2	16070.8	*16234.2*	14720.4
70°	1099.6	1086.1	1120.7	1057.3	809.3	991.0	3366.0	10043.3	17152.2	*17458.8*	15336.5
72.5°	*895.8*	*880.4*	*961.2*	*932.3*	*681.5*	*636.3*	*1690.7*	*8567.9*	*17038.7*	*17675.0*	*14895.3*
75°	688.2	679.6	775.7	799.7	555.6	500.8	811.2	6368.7	14994.3	*15635.4*	12837.4
77.5°	534.4	527.7	576.7	664.2	447.9	388.3	498.8	4039.8	11299.6	*11412.0*	8846.6
80°	400.8	381.6	426.8	514.2	348.9	283.5	338.3	2355.8	7142.5	*6474.5*	3850.5
82.5°	250.9	241.3	278.7	343.1	246.1	195.1	220.1	1301.4	2862.4	*1685.9*	743.0
85°	143.2	139.4	151.9	196.1	133.6	112.5	125.9	574.8	522.9	*359.5*	224.0
87.5°	57.7	55.7	69.2	87.5	49.0	41.3	44.2	138.4	115.3	*106.7*	74.0
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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Scaled Data Report

REPORT NUMBER: P1203857
CATALOG NUMBER: GWC-SB2D-830-U-SL2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3647.7	3647.7	3647.7	3647.7	3647.7	3647.7	3647.7	3647.7	3647.7	3647.7	3647.7
2.5°	3658.2	3658.2	3644.8	3623.6	3599.6	3584.2	3559.2	3552.5	3526.5	3518.9	3531.4
5°	3702.4	3694.8	3653.4	3593.8	3512.1	3437.2	3354.5	3302.6	3229.5	3203.6	3222.8
7.5°	3758.2	3737.0	3665.9	3535.2	3364.1	3195.9	3021.0	2888.3	2761.5	2716.3	2722.0
10°	3809.1	3779.3	3658.2	3429.5	3133.4	2842.2	2563.5	2368.3	2220.3	2159.8	2173.2
12.5°	3860.1	3805.3	3607.3	3253.6	2805.7	2410.6	2113.6	1961.8	1870.4	1797.4	1821.4
15°	3908.1	3831.2	3528.5	3018.1	2446.2	2045.4	1826.2	1705.1	1632.1	1584.0	1592.7
17.5°	3963.9	3853.3	3410.2	2719.2	2104.0	1792.6	1613.8	1540.8	1526.3	1520.6	1524.4
20°	4041.7	3873.5	3254.5	2384.7	1852.2	1590.7	1498.5	1491.7	1490.8	1487.9	1497.5
22.5°	4125.4	3897.6	3048.8	2080.9	1637.8	1464.8	1448.5	1435.0	1426.4	1425.4	1436.0
25°	4224.4	3905.3	2791.2	1832.0	1455.2	1405.2	1386.0	1365.8	1360.1	1360.1	1365.8
27.5°	4320.5	3879.3	2491.4	1615.7	1352.4	1350.4	1325.5	1318.7	1317.8	1320.7	1328.3
30°	4416.6	3830.3	2193.4	1415.8	1292.8	1292.8	1284.1	1288.9	1292.8	1302.4	1309.1
32.5°	4546.4	3778.4	1944.5	1267.8	1240.9	1231.3	1239.9	1249.5	1253.4	1265.9	1276.4
35°	4736.7	3741.9	1746.5	1187.0	1187.0	1174.6	1179.4	1177.4	1168.8	1163.0	1176.5
37.5°	4988.5	3739.9	1583.1	1149.6	1141.9	1140.0	1140.9	1128.4	1094.8	1054.4	1055.4
40°	5291.3	3791.8	1457.1	1123.6	1117.8	1129.4	1123.6	1090.0	997.7	927.5	925.6
42.5°	5697.8	3939.9	1376.4	1091.9	1109.2	1123.6	1100.5	984.2	921.8	874.7	872.7
45°	6176.5	4180.1	1335.1	1058.3	1092.9	1110.2	998.7	947.7	897.7	841.0	837.2
47.5°	6718.6	4482.9	1325.5	1026.5	1056.3	1066.9	955.4	932.3	875.6	814.1	809.3
50°	7308.8	4841.4	1351.4	989.0	1003.5	966.9	941.0	919.8	861.2	800.7	793.9
52.5°	7919.1	5236.5	1403.3	938.1	950.6	910.2	935.2	917.0	852.6	770.9	765.1
55°	8518.9	5634.4	1453.3	878.5	896.8	859.3	918.9	905.4	813.2	720.9	716.1
57.5°	9128.3	6030.4	1502.3	825.6	844.9	810.3	892.9	874.7	768.9	674.7	672.8
60°	9761.7	6414.9	1525.4	774.7	788.2	765.1	853.5	821.8	719.0	627.6	624.8
62.5°	10354.7	6734.9	1487.9	723.8	732.4	722.8	801.6	759.3	669.0	574.8	573.8
65°	10949.7	6925.3	1372.6	673.8	675.7	670.9	728.6	692.0	610.3	528.6	522.9
67.5°	11488.9	7031.9	1189.0	620.0	615.2	613.2	660.3	619.0	553.6	482.5	476.7
70°	11603.3	6760.9	908.3	556.5	556.5	551.7	585.4	543.1	491.2	433.5	431.6
72.5°	*10597.9*	*5687.3*	*644.9*	*484.4*	*492.1*	*482.5*	*510.4*	*474.8*	*427.7*	*389.3*	*377.7*
75°	8545.8	4170.5	469.1	410.4	423.9	407.5	433.5	408.5	368.1	367.2	330.6
77.5°	5871.8	2578.8	340.3	338.3	347.9	326.8	356.6	343.1	306.6	290.3	272.0
80°	2505.8	1028.5	248.0	261.4	261.4	242.2	276.8	280.7	248.9	241.3	241.3
82.5°	498.8	292.2	174.0	179.7	169.2	163.4	196.1	217.2	299.9	333.5	334.5
85°	149.9	107.7	104.8	98.0	86.5	87.5	115.3	218.2	269.1	153.8	132.6
87.5°	41.3	26.9	27.9	22.1	18.3	24.0	39.4	165.3	90.4	38.4	32.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0


HS
SS

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1121 Highway 74 South
Peachtree City, GA 30269

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

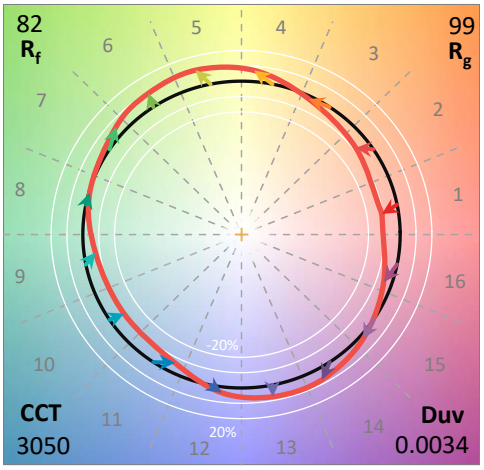
Test Information

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

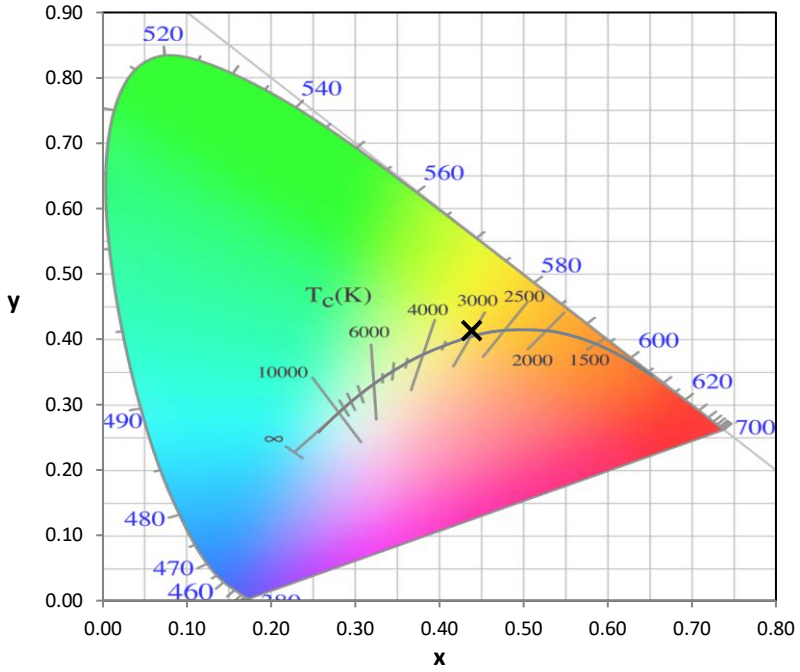
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

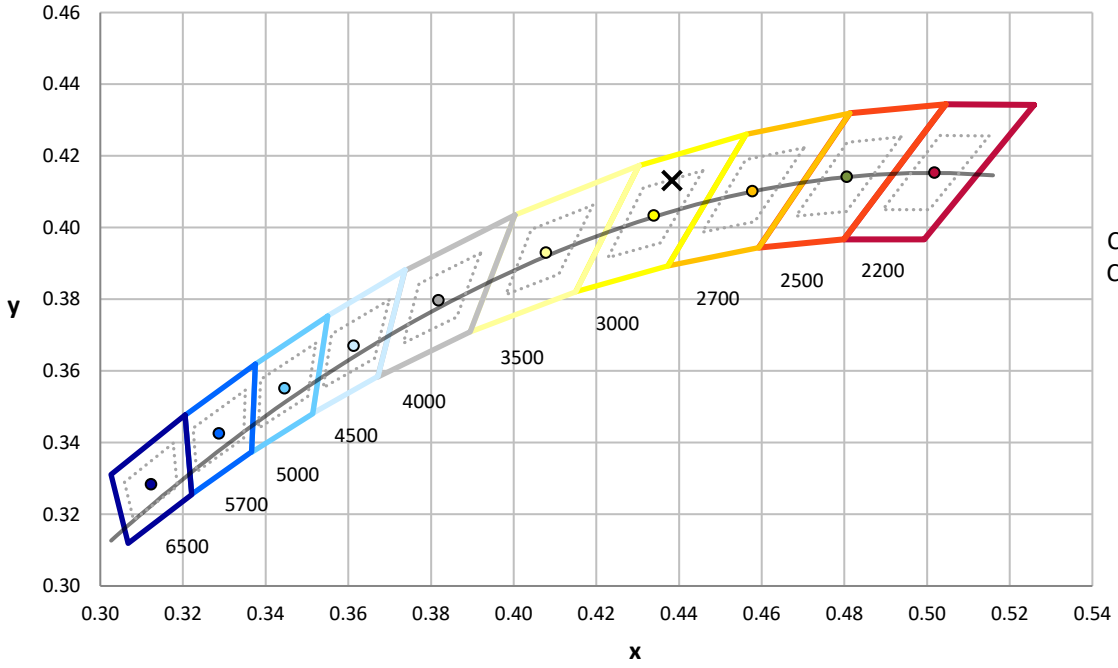
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

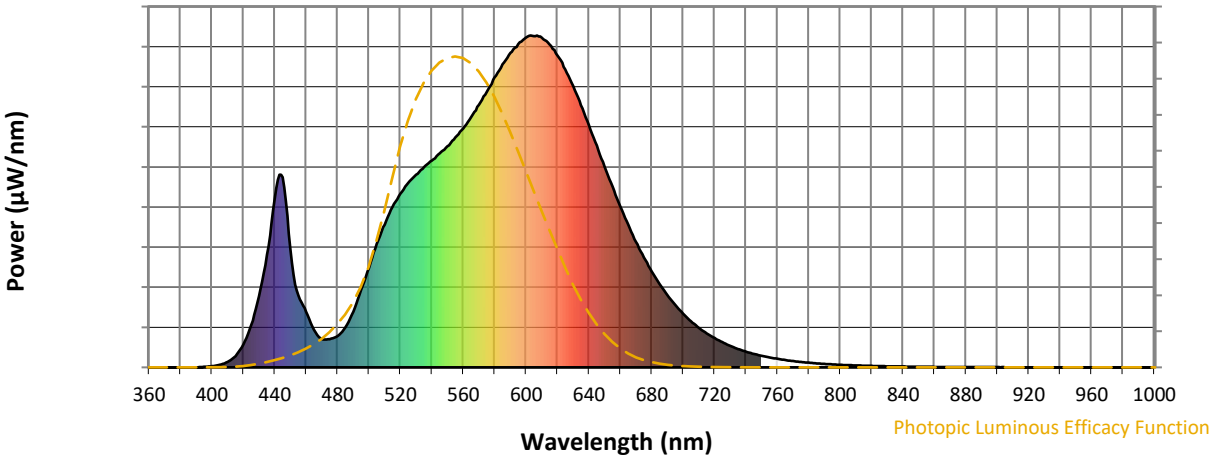


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

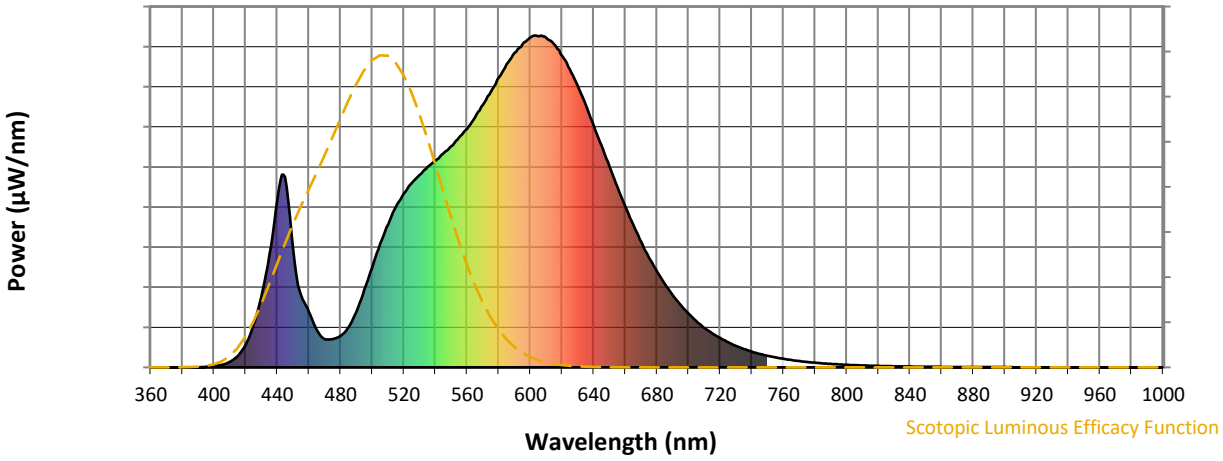


Photopic Lumens: NR

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

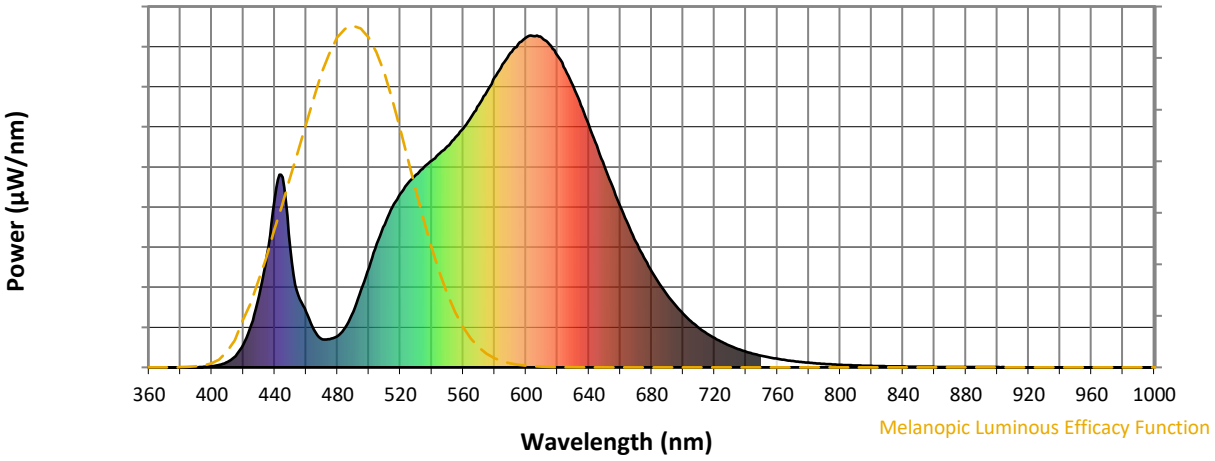


Scotopic Lumens: NR **S/P: 1.27**

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			

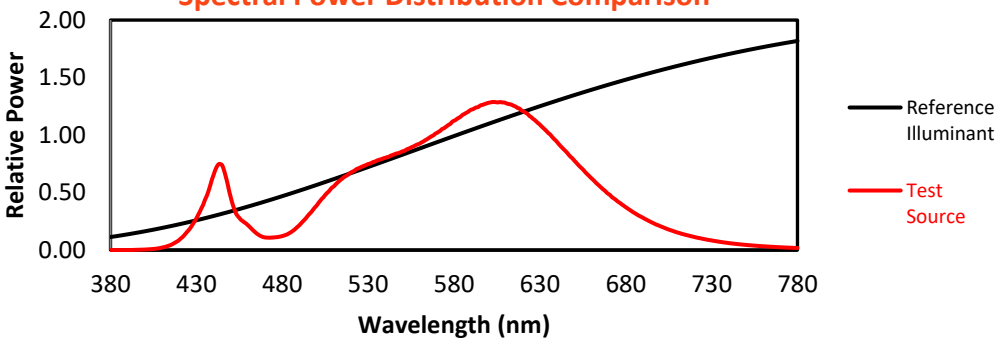
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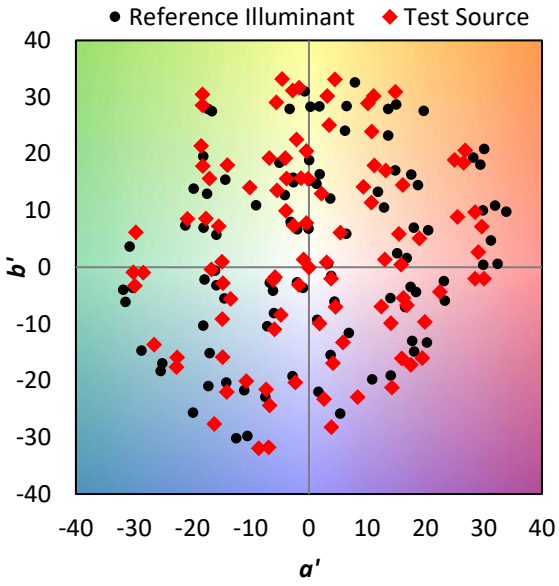
Summary

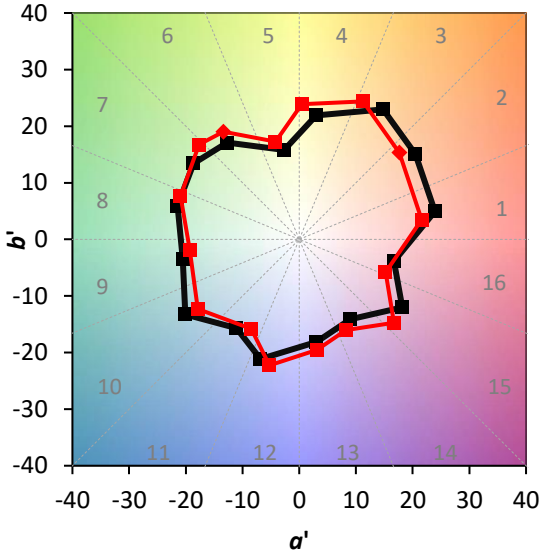
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

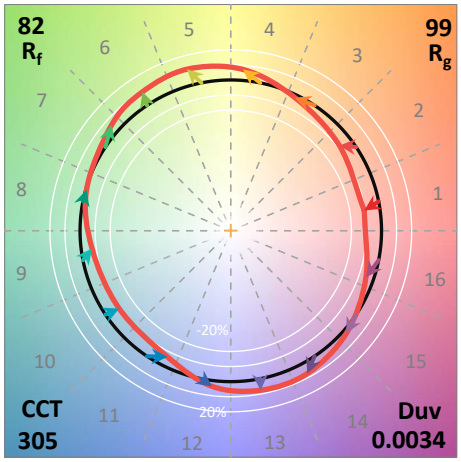
Spectral Power Distribution Comparison

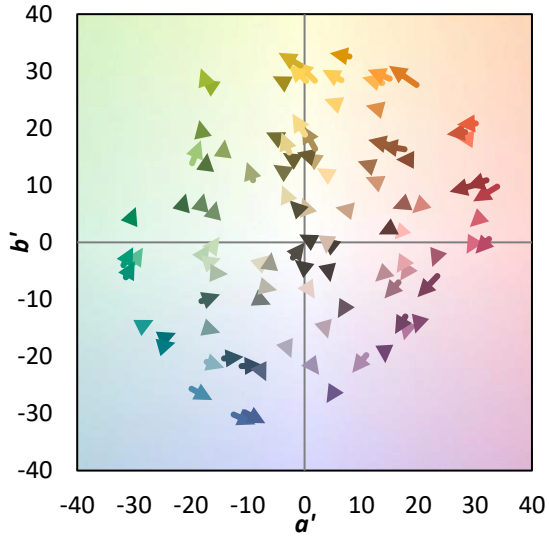


Color Vector Graphics







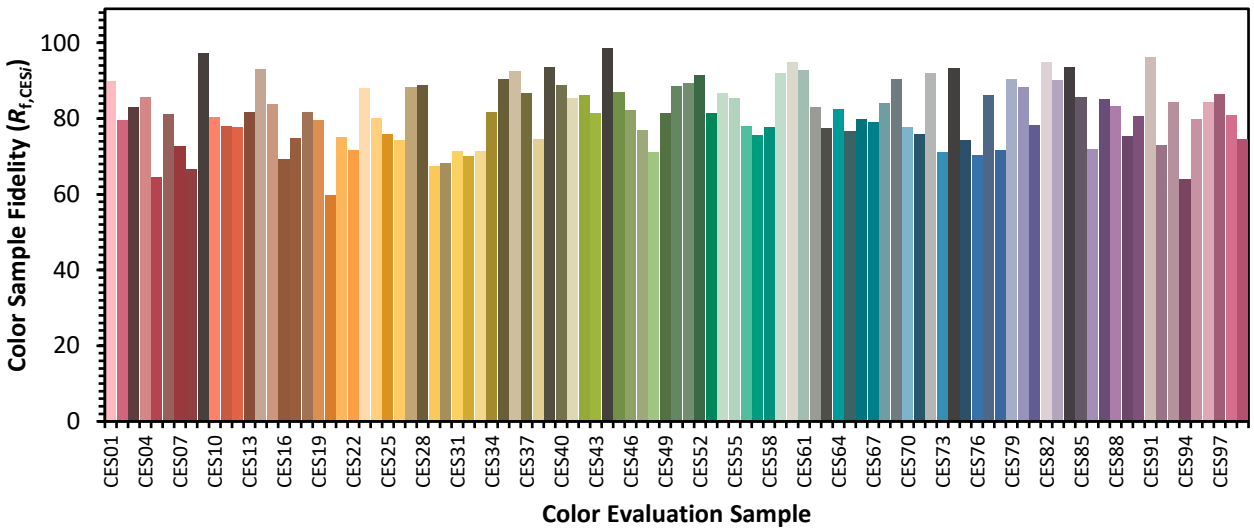


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Individual Sample Fidelity Index ($R_{f,i}$)

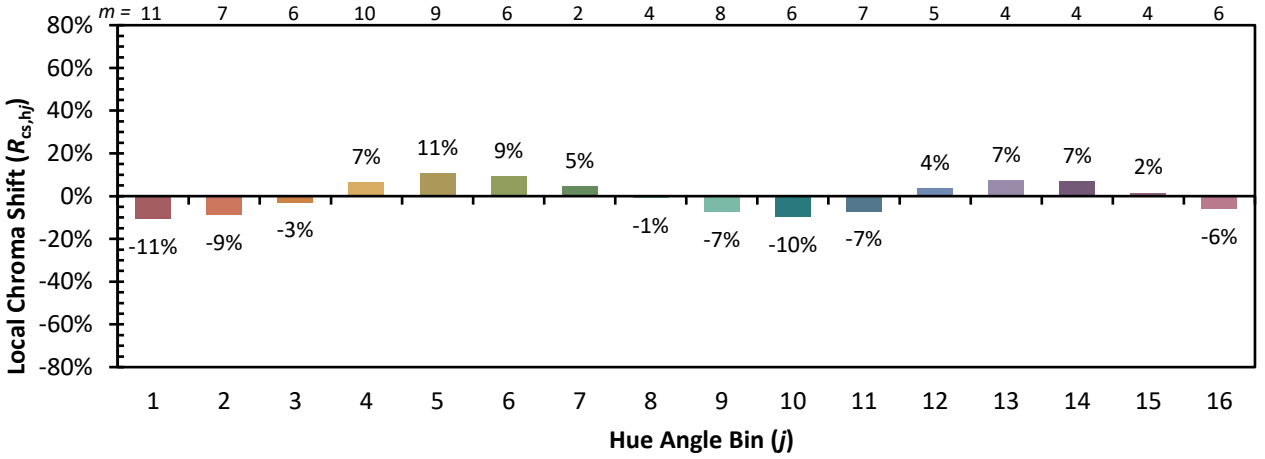
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 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	

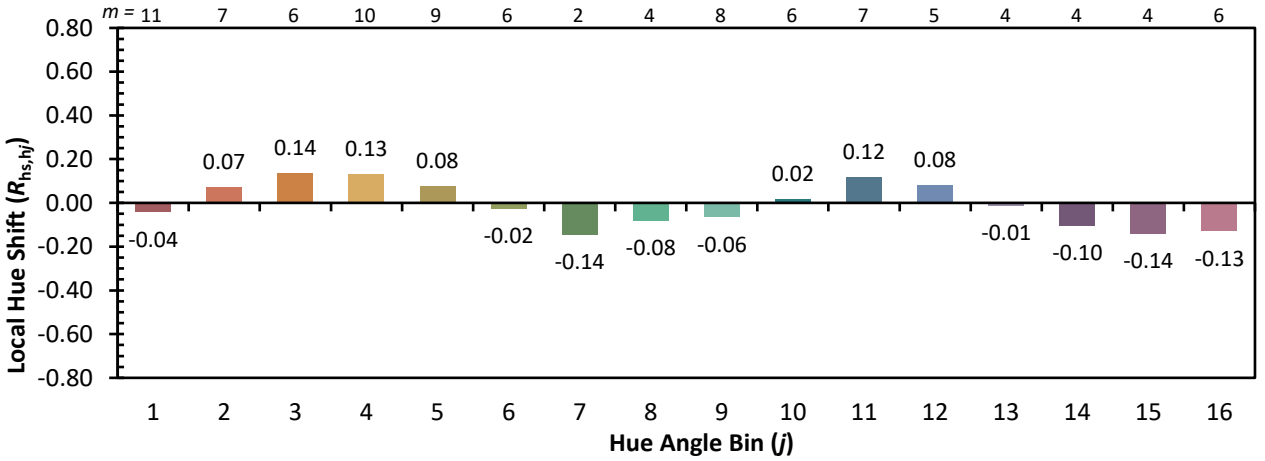


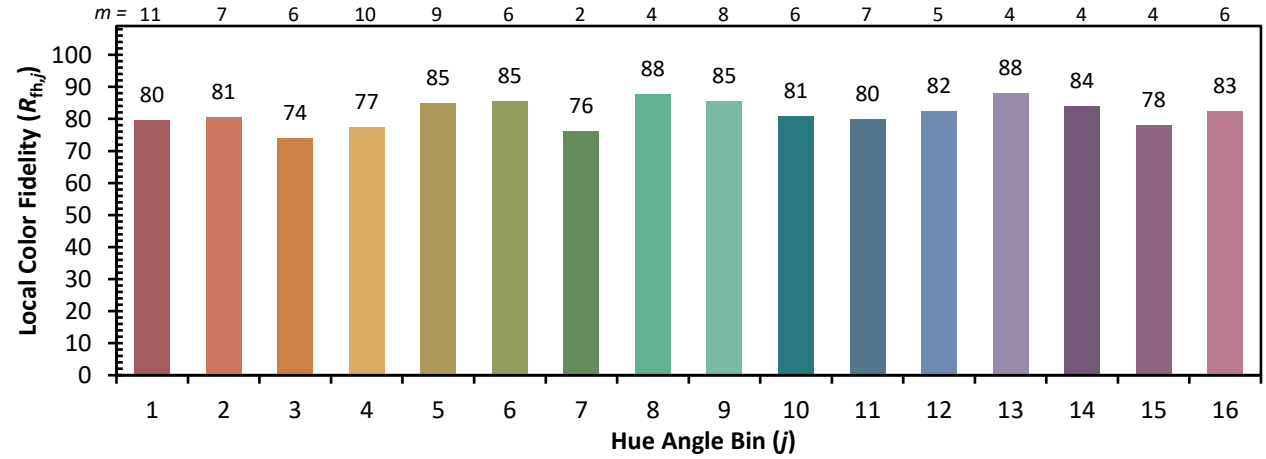
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Color Rendition by Hue-Angle Bin



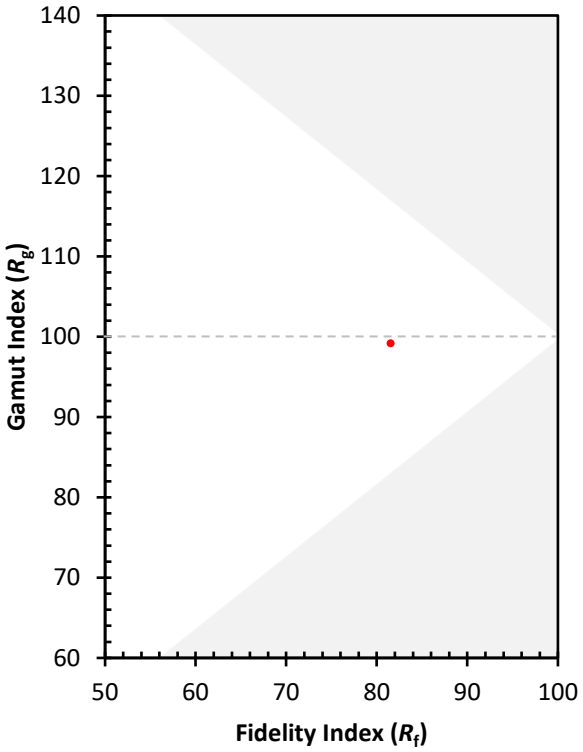


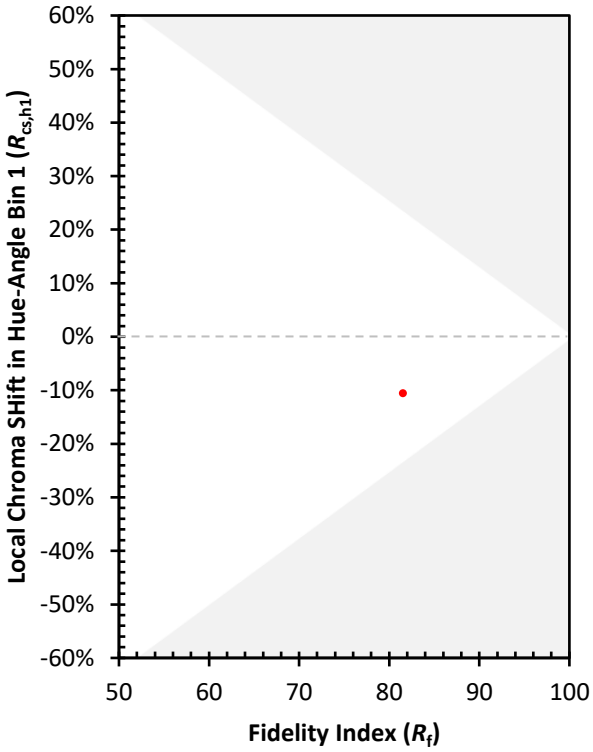


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Measure Comparisons





(END OF REPORT)