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: P1359169

Luminaire Tested: **GSS-SB5C-722-U-T2**

Issue Date: 02/18/2026

Report Generated By 670245763

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:	P1359169
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5C-722-U-T2
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 252W 70CRI 2200K FIXTURE w/ TYPE II DISTRIBUTION OPTIC
Light Source:	(130) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	29087.6 lumens
Efficiency:	N/A
Efficacy:	115.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B3 - U0 - G4

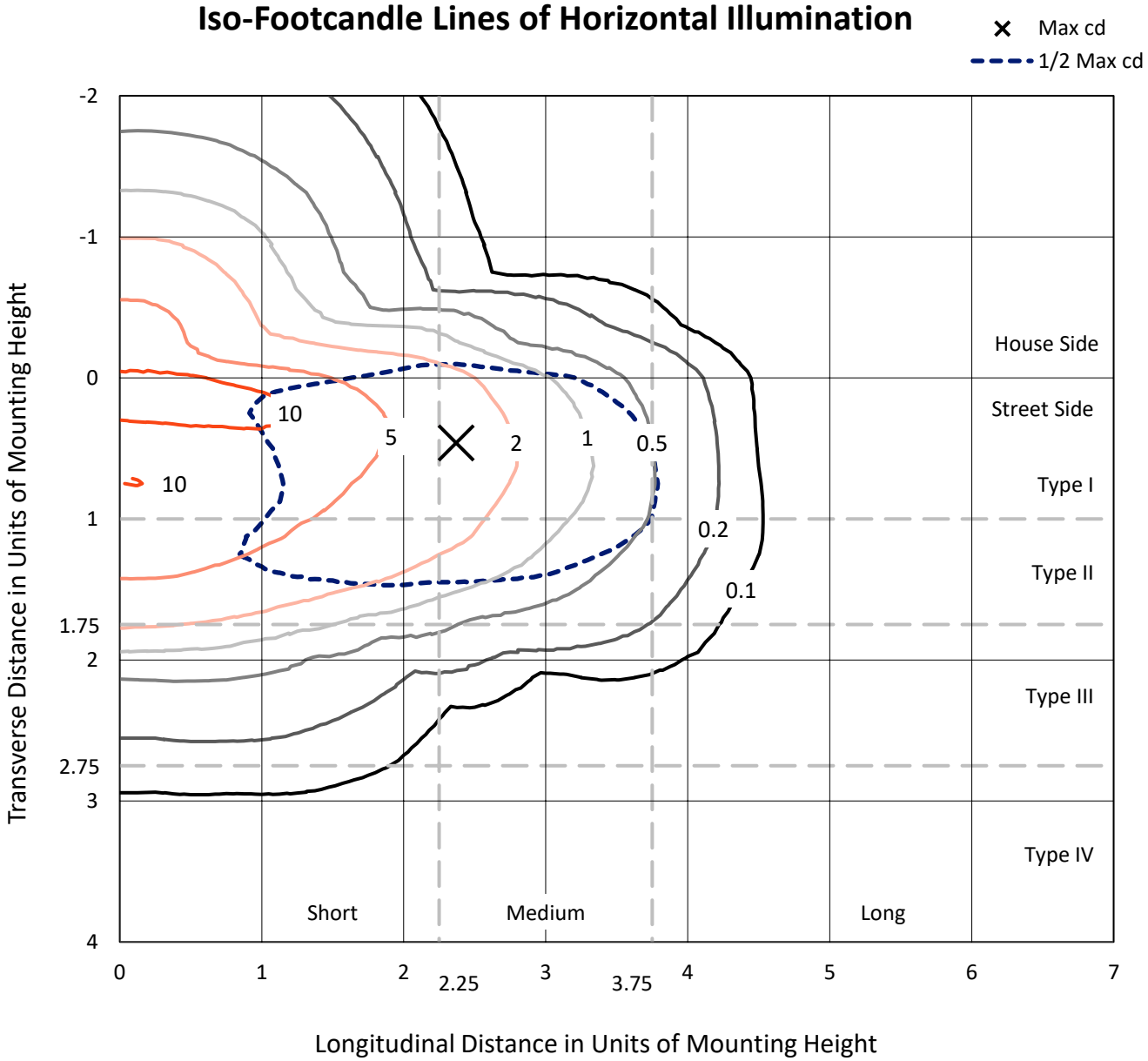
Input Watts (W):	252
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	7.9%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1359169
CATALOG NUMBER: GSS-SB5C-722-U-T2

Iso-Footcandle Lines of Horizontal Illumination



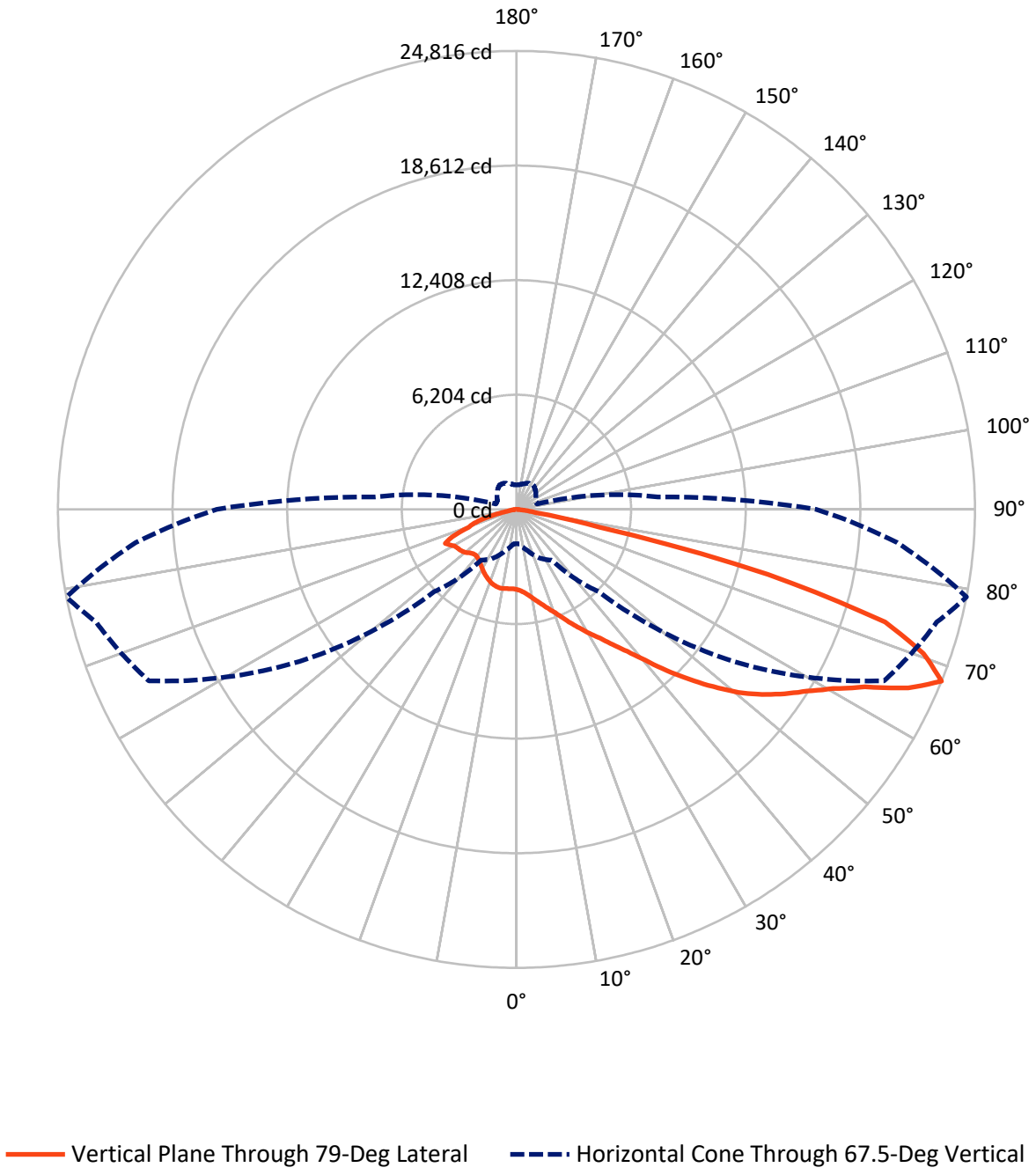
Based on 20 foot mounting height. Maximum calculated value = 12.9 fc
Type II - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1359169
CATALOG NUMBER: GSS-SB5C-722-U-T2

Luminous Intensity Polar Plot



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

Scaled Data Report

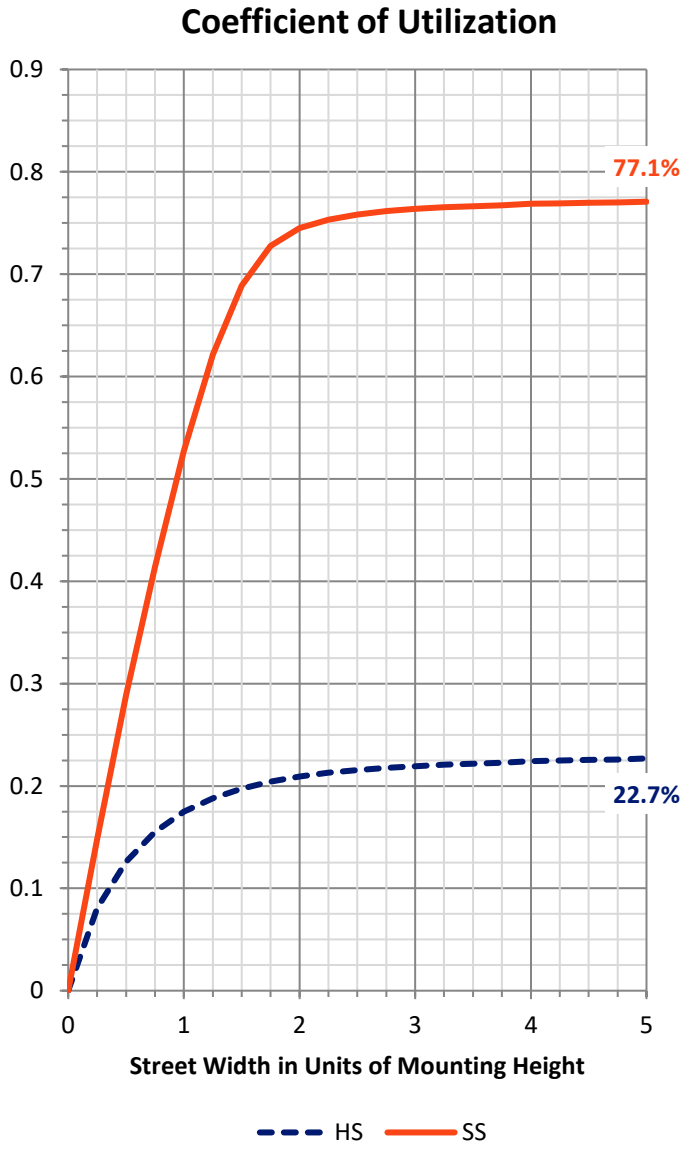
REPORT NUMBER: P1359169
CATALOG NUMBER: GSS-SB5C-722-U-T2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6664.7	0.0	6664.7
	% Fixture	22.9	0.0	22.9
Street Side	Lumens	22422.9	0.0	22422.9
	% Fixture	77.1	0.0	77.1
Total	Lumens	29087.6	0.0	29087.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	414.6	1.4
10°-20°	1248.1	4.3
20°-30°	2108.7	7.2
30°-40°	3253.1	11.2
40°-50°	4968.1	17.1
50°-60°	6869.1	23.6
60°-70°	6941.7	23.9
70°-80°	3054.1	10.5
80°-90°	230.1	0.8
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°	29087.6	100.0
0°-180°	29087.6	100.0



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

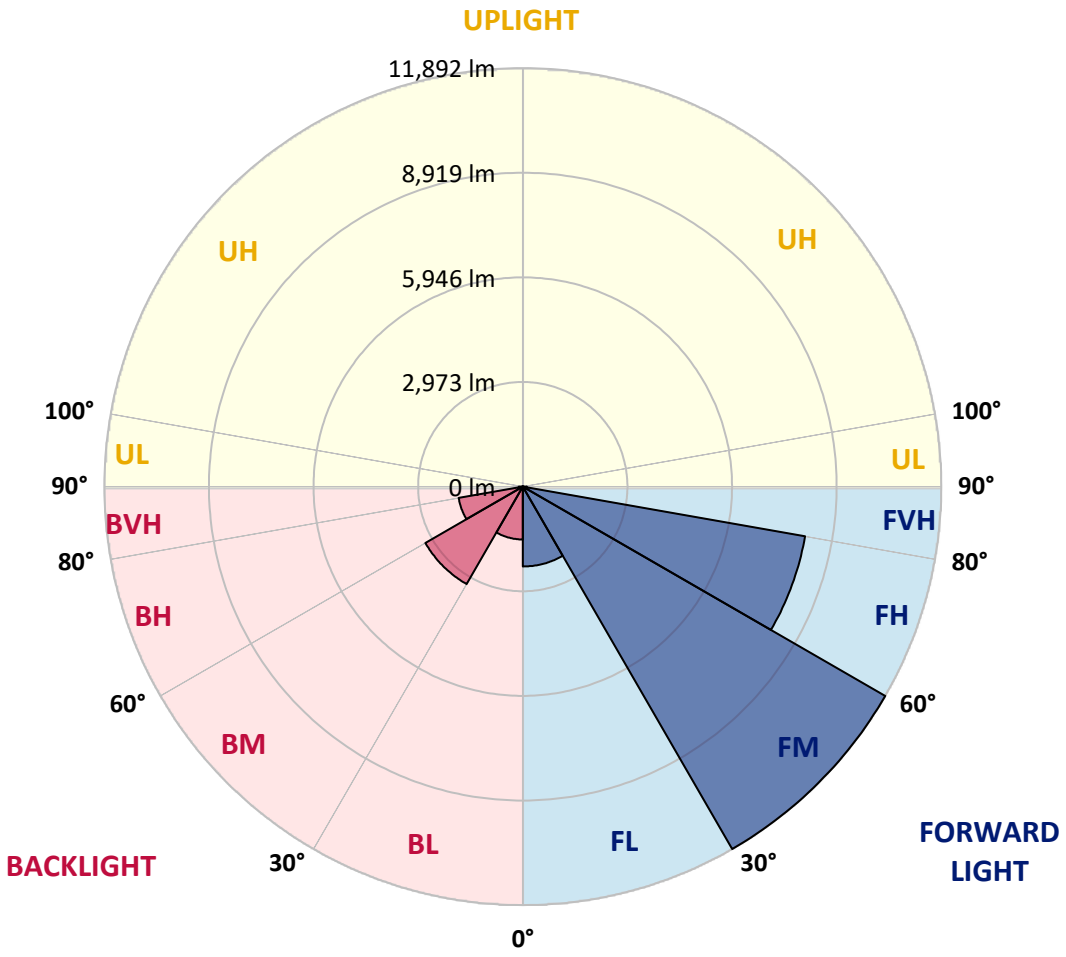
Scaled Data Report

REPORT NUMBER: P1359169
CATALOG NUMBER: GSS-SB5C-722-U-T2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2269.4	7.8			
FM	(30°-60°)	11892.4	40.9			
FH	(60°-80°)	8144.6	28.0			G4/12000
FVH	(80°-90°)	116.6	0.4			G2/225
BL	(0°-30°)	1502.0	5.2	B3/2500		
BM	(30°-60°)	3197.9	11.0	B3/5000		
BH	(60°-80°)	1851.2	6.4	B3/2500		G3/2500
BVH	(80°-90°)	113.5	0.4			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 II Medium



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

Scaled Data Report

REPORT NUMBER: P1359169
CATALOG NUMBER: GSS-SB5C-722-U-T2

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	4338.5	4338.5	4338.5	4338.5	4338.5	4338.5	4338.5	4338.5	4338.5	*4338.5*	4338.5
2.5°	4539.8	4611.3	4611.3	4578.8	4565.8	4559.3	4513.8	4461.9	4442.4	*4409.9*	4390.4
5°	4819.1	4819.1	4832.1	4799.6	4819.1	4793.1	4728.2	4663.2	4585.3	*4526.8*	4500.8
7.5°	4845.1	4897.0	4929.5	4929.5	4968.5	4975.0	4942.5	4871.0	4773.6	*4682.7*	4637.2
10°	4871.0	4916.5	4916.5	4968.5	5052.9	5117.8	5137.3	5111.4	4955.5	*4890.5*	4799.6
12.5°	4812.6	4864.6	4884.0	4988.0	5104.9	5228.3	5319.2	5332.2	5234.8	*5117.8*	4981.5
15°	4611.3	4656.7	4734.7	4890.5	5098.4	5286.7	5462.1	5559.5	5449.1	*5364.6*	5176.3
17.5°	4338.5	4364.5	4494.4	4695.7	4981.5	5299.7	5605.0	5793.3	5767.3	*5656.9*	5436.1
20°	4312.5	4338.5	4377.4	4526.8	4858.1	5254.2	5695.9	6059.6	6131.0	*5962.2*	5689.4
22.5°	4533.3	4559.3	4559.3	4578.8	4786.6	5215.3	5786.8	6345.4	6507.7	*6364.8*	6014.1
25°	4838.6	4890.5	4832.1	4786.6	4858.1	5241.2	5838.8	6670.1	6988.3	*6813.0*	6377.8
27.5°	5273.7	5267.2	5215.3	5078.9	5059.4	5319.2	5981.6	6923.4	7449.5	*7267.6*	6754.5
30°	5877.7	5910.2	5793.3	5507.5	5377.6	5494.5	6176.5	7131.2	7936.6	*7787.2*	7111.7
32.5°	6559.7	6546.7	6403.8	6131.0	5812.8	5780.3	6358.3	7352.0	8495.1	*8306.8*	7559.9
35°	7293.6	7280.6	7235.1	6767.5	6351.8	6176.5	6650.6	7605.3	9144.6	*8988.7*	8085.9
37.5°	7956.0	8014.5	8150.9	7397.5	6955.9	6696.1	7027.3	8027.5	9975.9	*9748.6*	8722.4
40°	8521.1	8625.0	8754.9	8073.0	7520.9	7300.1	7527.4	8715.9	10865.7	*10729.3*	9488.8
42.5°	9040.7	9112.1	9099.1	8683.5	8209.3	7962.5	8157.4	9430.3	12015.3	*11917.8*	10430.5
45°	9677.1	9755.1	9722.6	9326.4	8852.3	8631.5	8982.2	10268.2	13106.4	*13119.4*	11320.3
47.5°	10300.6	10378.6	10359.1	9995.4	9540.8	9358.9	9839.5	11255.4	14158.5	*14333.9*	12288.0
50°	10885.2	10956.6	10995.6	10768.3	10372.1	10177.2	10677.3	12184.1	15178.2	*15574.4*	13210.3
52.5°	11047.5	11138.5	11404.7	11489.2	11313.8	11080.0	11443.7	13073.9	16055.0	*16646.0*	14100.1
55°	10515.0	10670.8	11242.4	11671.0	12190.6	12216.6	12242.6	13937.7	16821.4	*17613.7*	14911.9
57.5°	9586.2	9612.2	10281.2	11151.5	12385.5	13489.6	13619.4	14944.4	17568.2	*18555.4*	15717.2
60°	7527.4	7391.0	8475.6	9949.9	11684.0	13996.1	15814.7	16503.1	18497.0	*19692.0*	16685.0
62.5°	4033.2	4046.2	4942.5	6774.0	9677.1	13502.5	17698.1	18828.2	19854.4	*21166.3*	18120.3
65°	2532.9	2630.4	3137.0	3948.8	5858.2	10729.3	17815.0	21919.7	22004.1	*23309.6*	19919.3
67.5°	*1851.0*	*1877.0*	*2305.6*	*2896.6*	*3357.8*	*6293.4*	*14340.4*	*21958.7*	*23556.4*	*24816.4*	*20685.7*
70°	1376.9	1389.9	1695.1	2182.2	2448.5	2948.6	9138.1	19003.6	22751.0	*23374.5*	18769.8
72.5°	1006.7	1013.2	1175.5	1604.2	1928.9	1753.6	4293.0	13690.9	19757.0	*20867.6*	16886.3
75°	707.9	720.9	837.8	1110.6	1298.9	1221.0	1636.7	8560.1	14184.5	*14061.1*	11794.4
77.5°	532.6	539.1	617.0	785.9	883.3	798.9	922.3	4000.8	5065.9	*4572.3*	3721.5
80°	389.7	409.2	448.1	493.6	591.0	513.1	519.6	1123.6	1221.0	*1071.6*	961.2
82.5°	207.8	233.8	298.8	298.8	344.2	305.3	272.8	500.1	526.1	*493.6*	428.7
85°	64.9	64.9	71.4	90.9	136.4	136.4	136.4	168.9	175.4	*175.4*	149.4
87.5°	13.0	13.0	13.0	13.0	19.5	26.0	39.0	52.0	58.5	*64.9*	64.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0

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

Scaled Data Report

REPORT NUMBER: P1359169
CATALOG NUMBER: GSS-SB5C-722-U-T2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4338.5	4338.5	4338.5	4338.5	4338.5	4338.5	4338.5	4338.5	4338.5	4338.5	4338.5
2.5°	4377.4	4332.0	4286.5	4208.6	4169.6	4111.2	4059.2	4033.2	4013.7	4007.2	4007.2
5°	4461.9	4390.4	4247.6	4111.2	3987.8	3877.4	3792.9	3728.0	3689.0	3656.5	3656.5
7.5°	4546.3	4448.9	4234.6	3994.3	3818.9	3682.5	3565.6	3526.6	3513.6	3481.2	3461.7
10°	4689.2	4533.3	4215.1	3870.9	3624.1	3507.2	3455.2	3442.2	3448.7	3455.2	3455.2
12.5°	4799.6	4630.7	4163.1	3715.0	3474.7	3409.7	3416.2	3448.7	3500.7	3494.2	3481.2
15°	4955.5	4702.2	4059.2	3533.1	3357.8	3357.8	3422.7	3494.2	3546.1	3578.6	3559.1
17.5°	5137.3	4786.6	3903.3	3364.3	3260.4	3318.8	3455.2	3526.6	3617.6	3637.0	3624.1
20°	5364.6	4858.1	3728.0	3201.9	3195.4	3318.8	3435.7	3539.6	3611.1	3630.6	3643.5
22.5°	5585.5	4923.0	3500.7	3085.0	3124.0	3279.8	3390.2	3500.7	3533.1	3552.6	3559.1
25°	5812.8	4988.0	3292.8	2994.1	3072.0	3227.9	3318.8	3364.3	3370.8	3357.8	3357.8
27.5°	6059.6	4994.4	3085.0	2922.6	3013.6	3149.9	3201.9	3214.9	3188.9	3098.0	3072.0
30°	6319.4	4929.5	2916.1	2857.7	2948.6	3059.0	3098.0	3059.0	2968.1	2838.2	2825.2
32.5°	6533.7	4832.1	2792.7	2779.7	2877.2	2974.6	2974.6	2903.1	2766.8	2636.9	2630.4
35°	6858.4	4695.7	2669.3	2727.8	2812.2	2857.7	2870.7	2766.8	2617.4	2494.0	2481.0
37.5°	7176.7	4578.8	2617.4	2662.8	2740.8	2779.7	2740.8	2636.9	2539.4	2435.5	2435.5
40°	7670.3	4507.3	2552.4	2617.4	2682.3	2688.8	2617.4	2539.4	2552.4	2494.0	2487.5
42.5°	8209.3	4500.8	2526.5	2571.9	2617.4	2604.4	2500.5	2500.5	2520.0	2409.5	2383.6
45°	8826.3	4591.8	2526.5	2507.0	2532.9	2494.0	2435.5	2422.5	2377.1	2214.7	2208.2
47.5°	9469.3	4812.6	2539.4	2416.0	2409.5	2396.6	2370.6	2325.1	2188.7	2052.3	2032.9
50°	9975.9	5117.8	2578.4	2299.1	2273.2	2318.6	2273.2	2195.2	2039.3	1909.5	1890.0
52.5°	10579.9	5423.1	2552.4	2156.3	2123.8	2240.7	2195.2	2084.8	1967.9	1890.0	1870.5
55°	11216.4	5741.3	2448.5	1961.4	1987.4	2143.3	2130.3	2006.9	1864.0	1760.1	1747.1
57.5°	11852.9	6144.0	2273.2	1792.5	1890.0	2084.8	2032.9	1883.5	1786.1	1714.6	1701.6
60°	12827.1	6722.0	2019.9	1617.2	1792.5	1961.4	1877.0	1831.5	1727.6	1669.1	1636.7
62.5°	14087.1	7683.3	1688.6	1454.8	1656.2	1812.0	1805.5	1753.6	1662.7	1597.7	1578.2
65°	15879.6	8599.0	1383.4	1298.9	1480.8	1630.2	1708.1	1662.7	1571.7	1500.3	1493.8
67.5°	*16223.8*	*7683.3*	*1149.6*	*1136.6*	*1286.0*	*1454.8*	*1604.2*	*1571.7*	*1428.8*	*1337.9*	*1324.9*
70°	14119.5	5488.0	967.7	980.7	1123.6	1273.0	1435.3	1357.4	1240.5	1188.5	1182.0
72.5°	12534.8	4715.2	811.8	837.8	941.7	1078.1	1175.5	1201.5	1117.1	1071.6	1052.1
75°	9034.2	3533.1	656.0	688.4	759.9	837.8	1019.7	1065.1	987.2	941.7	909.3
77.5°	3351.3	1474.3	487.1	519.6	571.5	681.9	824.8	922.3	863.8	896.3	805.3
80°	805.3	519.6	357.2	350.7	402.7	513.1	656.0	727.4	669.0	636.5	552.1
82.5°	350.7	253.3	233.8	233.8	246.8	337.7	435.1	513.1	500.1	415.7	396.2
85°	129.9	110.4	110.4	116.9	116.9	155.9	233.8	272.8	246.8	214.3	207.8
87.5°	58.5	58.5	45.5	39.0	32.5	32.5	39.0	26.0	19.5	13.0	13.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
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: SP1-2407-184-2

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-722-U-5WQ

Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

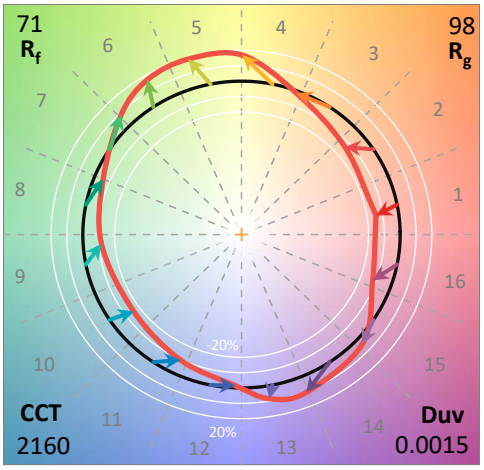
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-2
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-722-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2200K CCT 26 LEDS

Spectral Parameters

CCT (K):	2160
CIE u':	0.2927
CIE v':	0.5388
Duv:	0.0015
CIE x:	0.5130
CIE y:	0.4197
CIE z:	0.0674
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	587
Purity:	79.96089
Rf:	70.6
Rg:	97.6

CRI (Ra):	71.9
R1:	68.7
R2:	82.6
R3:	95.5
R4:	66.4
R5:	65.4
R6:	75.9
R7:	77.2
R8:	43.5
R9:	-17.8
R10:	60.5
R11:	60.2
R12:	48.2
R13:	70.7
R14:	96.8
R15:	61.8



Test Conditions

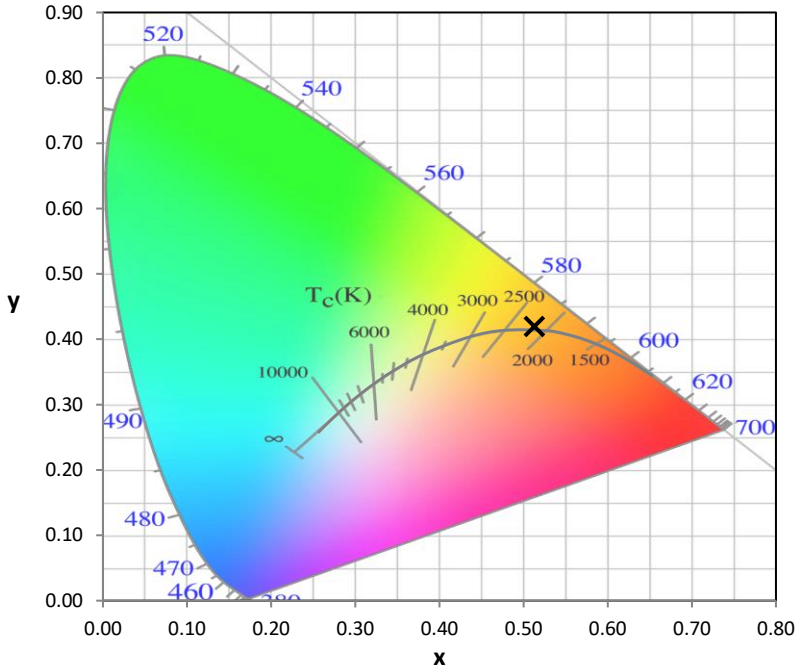
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

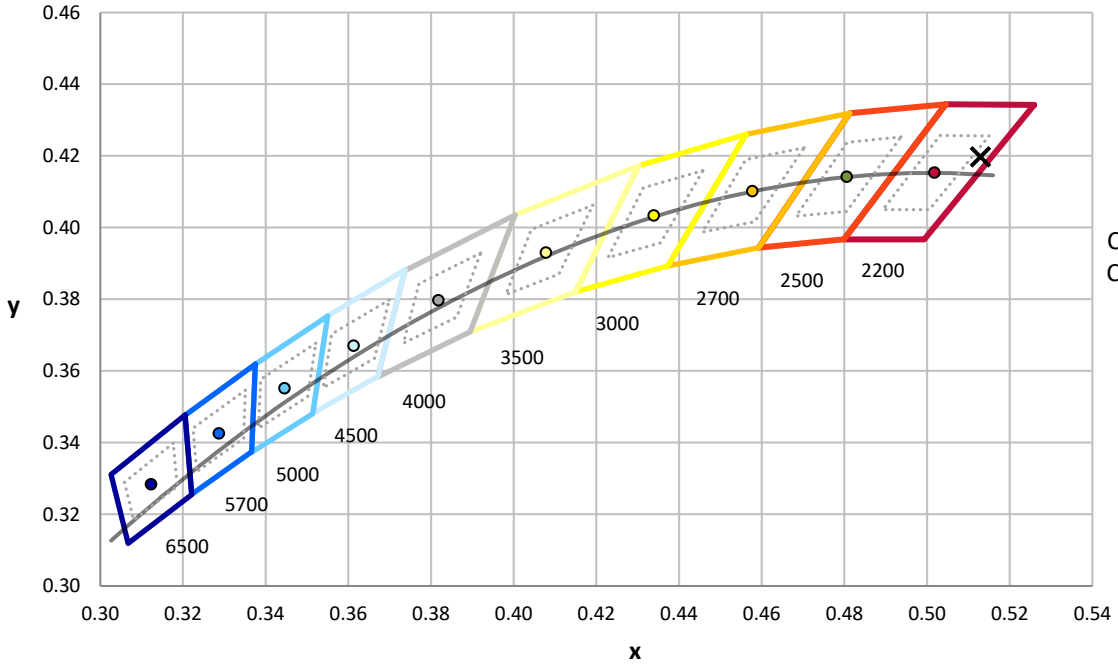
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-2

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

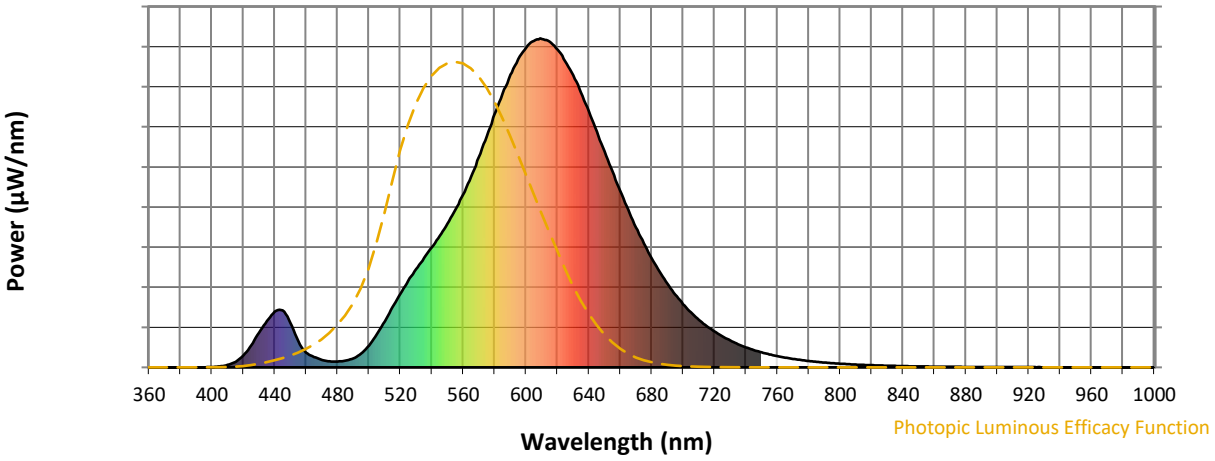


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

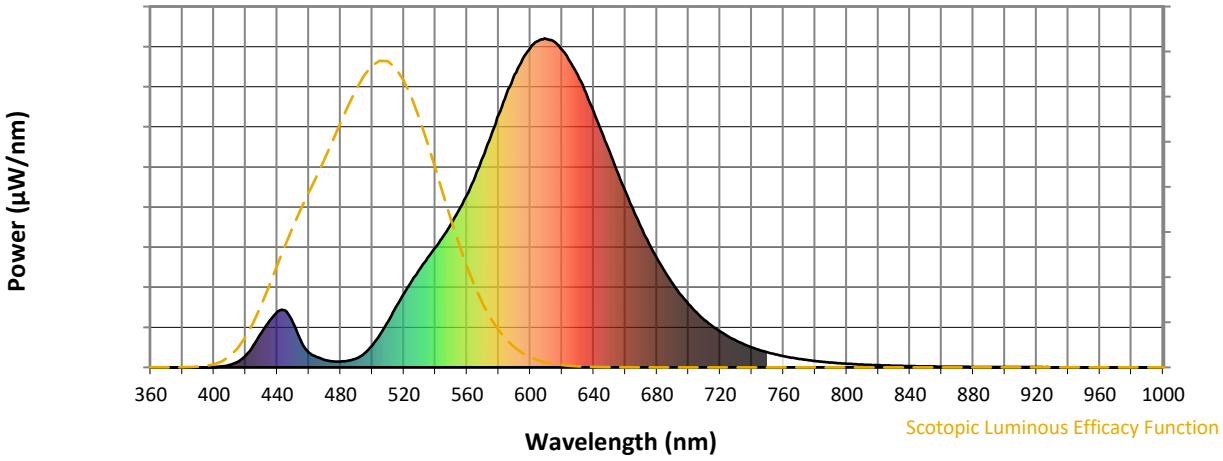


Photopic Lumens: NR

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-2

Scotopic Flux vs. Wavelength

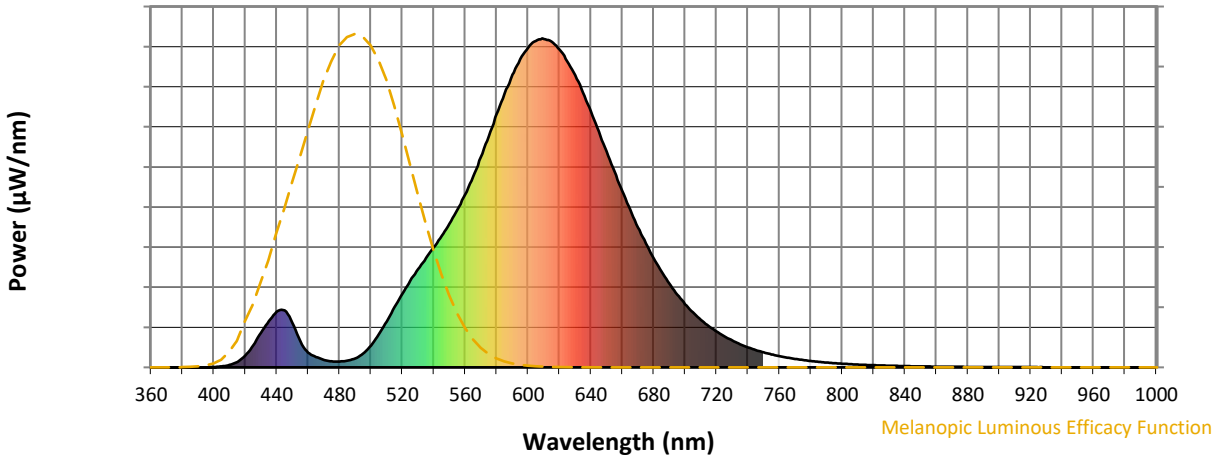


Scotopic Lumens: NR **S/P: 0.8**

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-2

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.21**

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

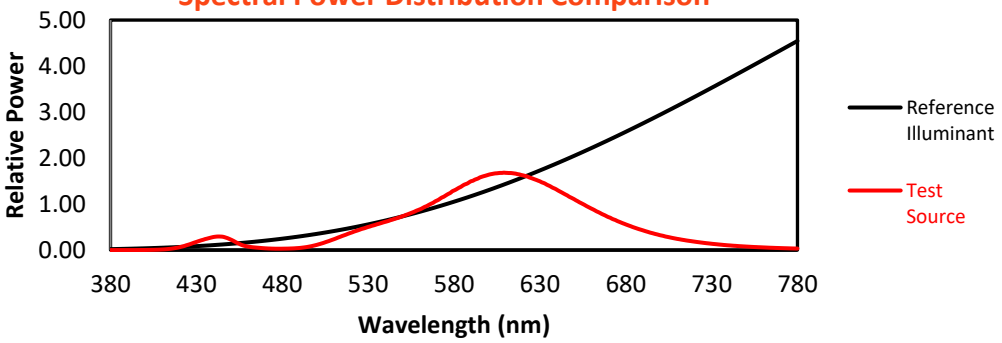
REPORT NUMBER: SP1-2407-184-2

TM-30-18

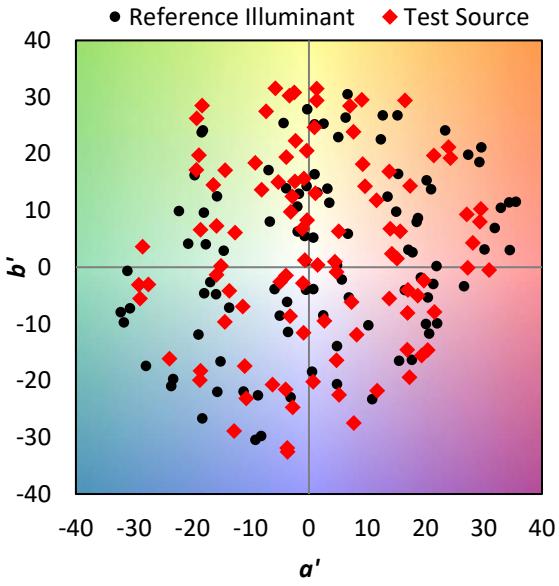
Summary

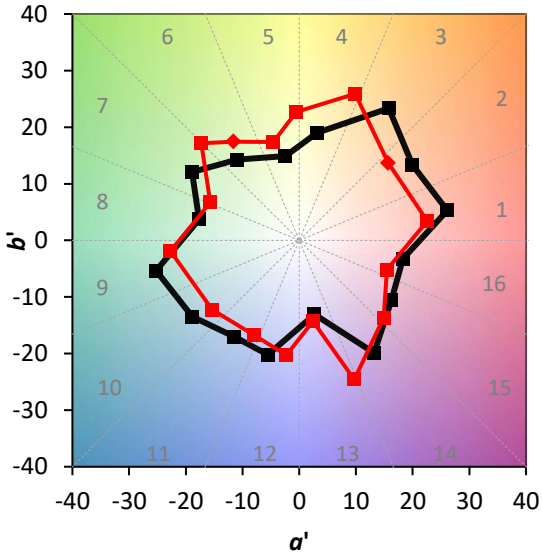
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

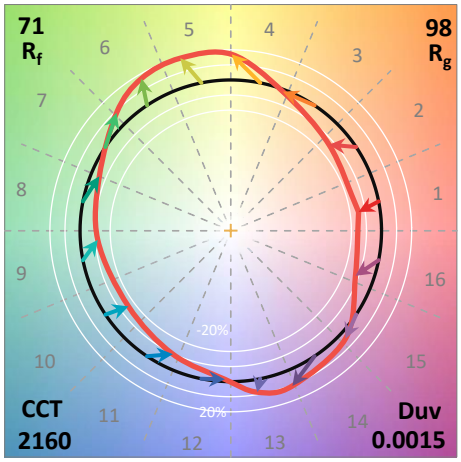
Spectral Power Distribution Comparison

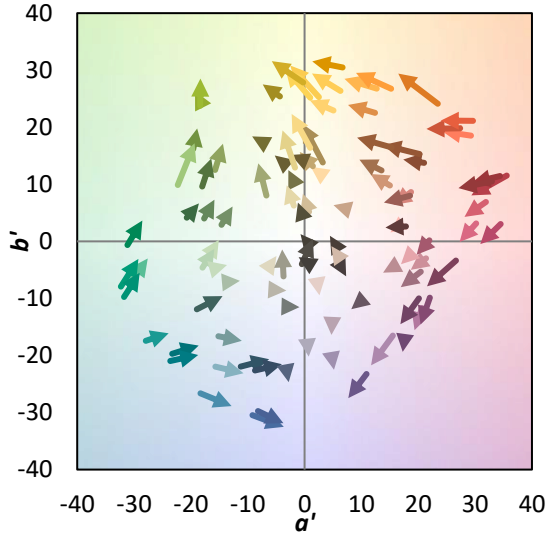


Color Vector Graphics







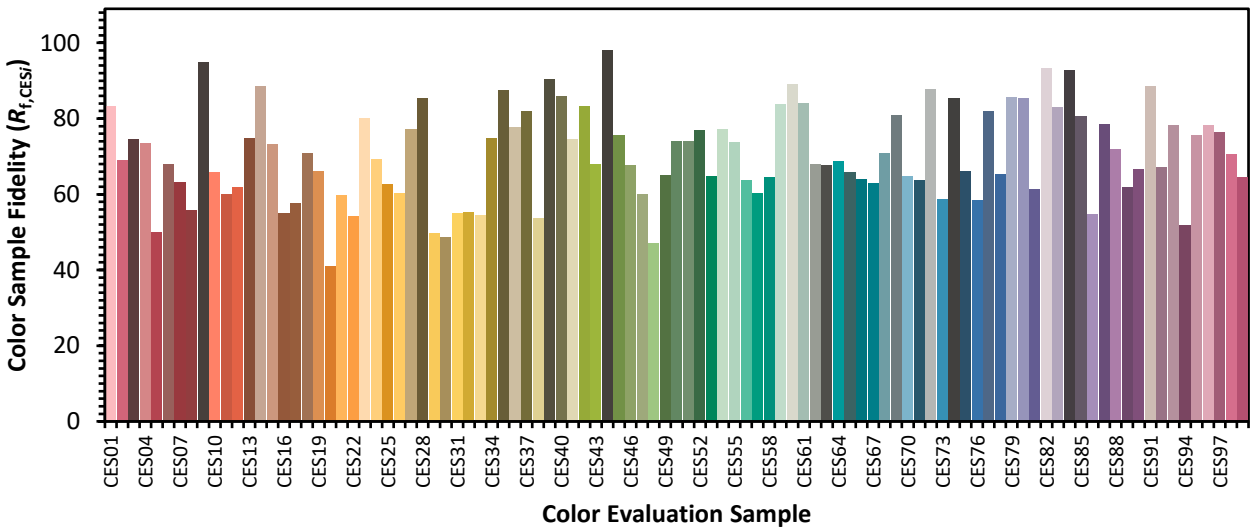


REPORT NUMBER: SP1-2407-184-2

TM-30-18

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

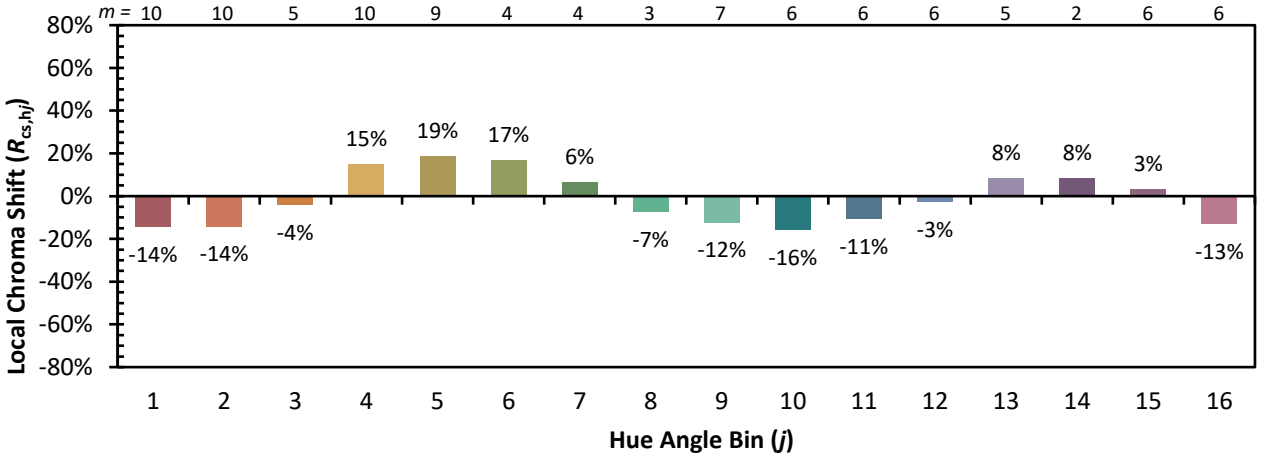
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 93
CES08 = 43	CES33 = 55	CES58 = 64	CES83 = 83
CES09 = 29	CES34 = 75	CES59 = 84	CES84 = 93
CES10 = 79	CES35 = 88	CES60 = 89	CES85 = 81
CES11 = 62	CES36 = 78	CES61 = 84	CES86 = 55
CES12 = 68	CES37 = 82	CES62 = 68	CES87 = 79
CES13 = 45	CES38 = 54	CES63 = 68	CES88 = 72
CES14 = 75	CES39 = 90	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 86	CES65 = 66	CES90 = 67
CES16 = 49	CES41 = 75	CES66 = 64	CES91 = 89
CES17 = 51	CES42 = 83	CES67 = 63	CES92 = 67
CES18 = 57	CES43 = 68	CES68 = 71	CES93 = 78
CES19 = 74	CES44 = 98	CES69 = 81	CES94 = 52
CES20 = 68	CES45 = 76	CES70 = 65	CES95 = 76
CES21 = 89	CES46 = 68	CES71 = 64	CES96 = 78
CES22 = 81	CES47 = 60	CES72 = 88	CES97 = 76
CES23 = 92	CES48 = 47	CES73 = 59	CES98 = 71
CES24 = 92	CES49 = 65	CES74 = 85	CES99 = 65
CES25 = 74	CES50 = 74	CES75 = 66	

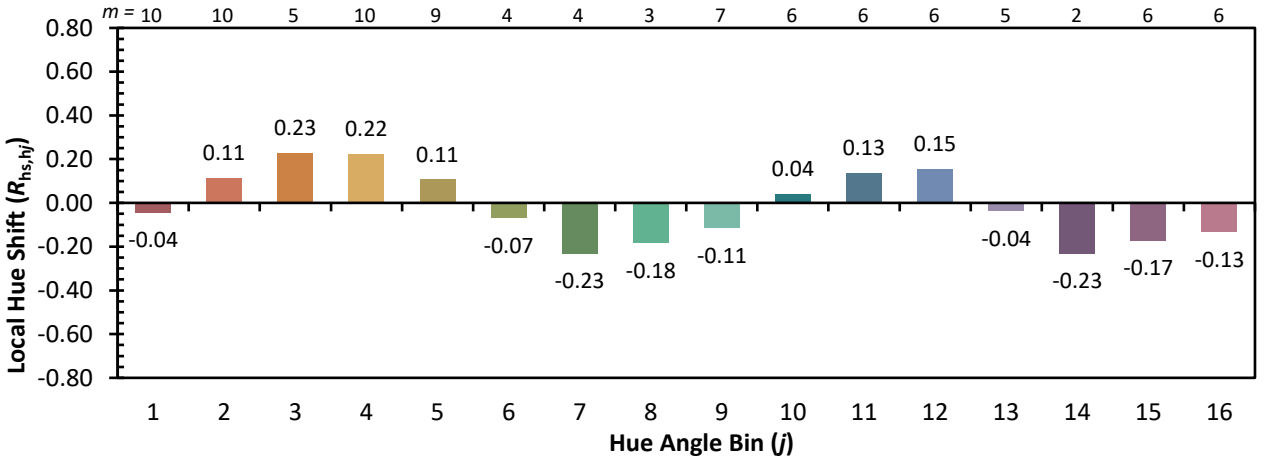


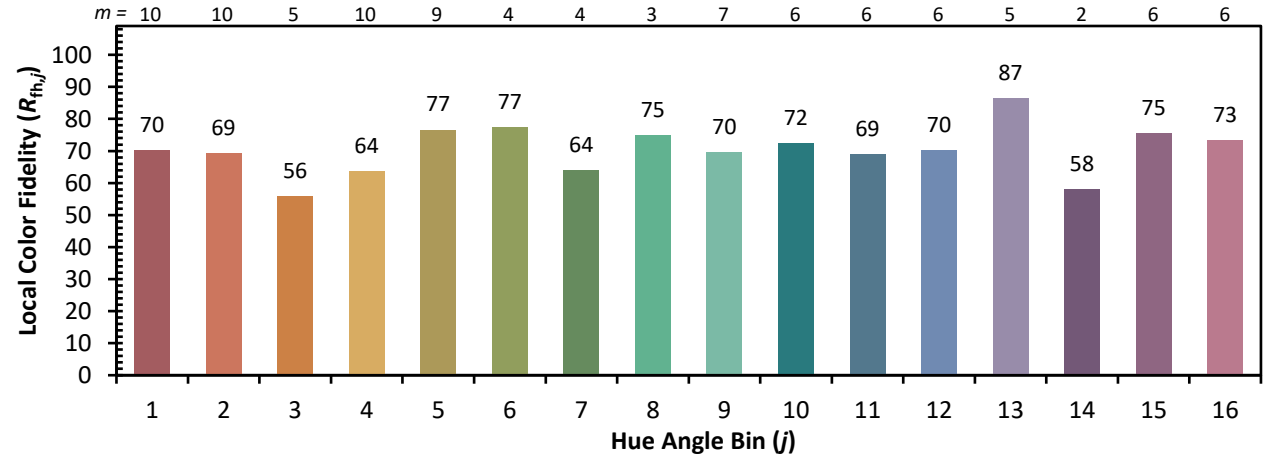
REPORT NUMBER: SP1-2407-184-2

TM-30-18

Color Rendition by Hue-Angle Bin



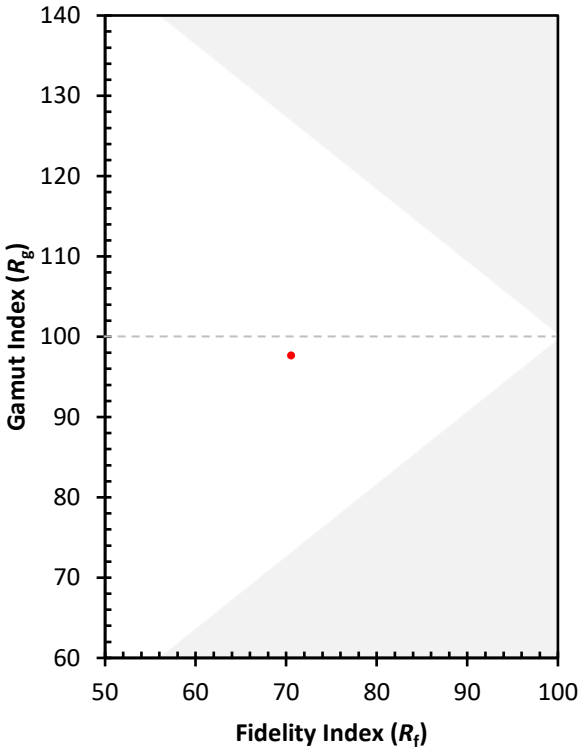


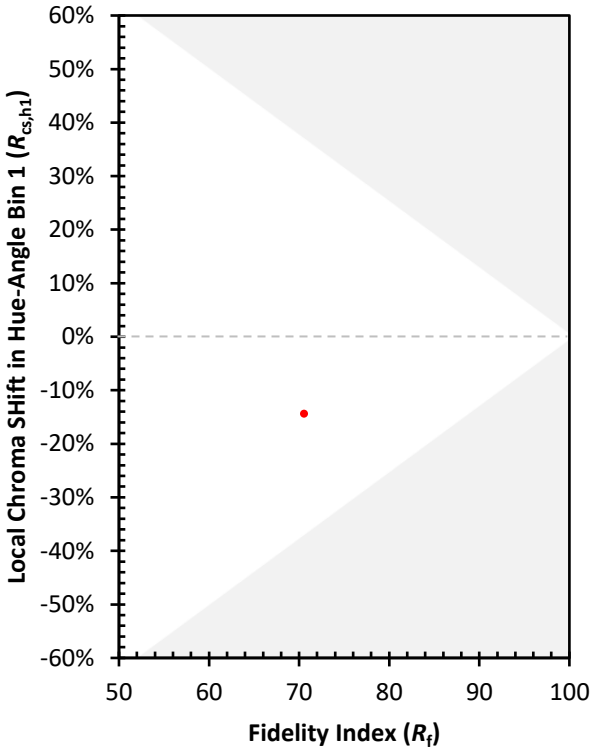


REPORT NUMBER: SP1-2407-184-2

TM-30-18

Measure Comparisons





(END OF REPORT)