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: P1366467

Luminaire Tested: **GSS-SB6A-722-U-T3R**

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:	P1366467
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB6A-722-U-T3R
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 6SQUARE 170W 70CRI 2200K FIXTURE w/ TYPE III ROADWAY DISTRIBUTION OPTIC
Light Source:	(156) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	21477.4 lumens
Efficiency:	N/A
Efficacy:	126.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B3 - U0 - G3

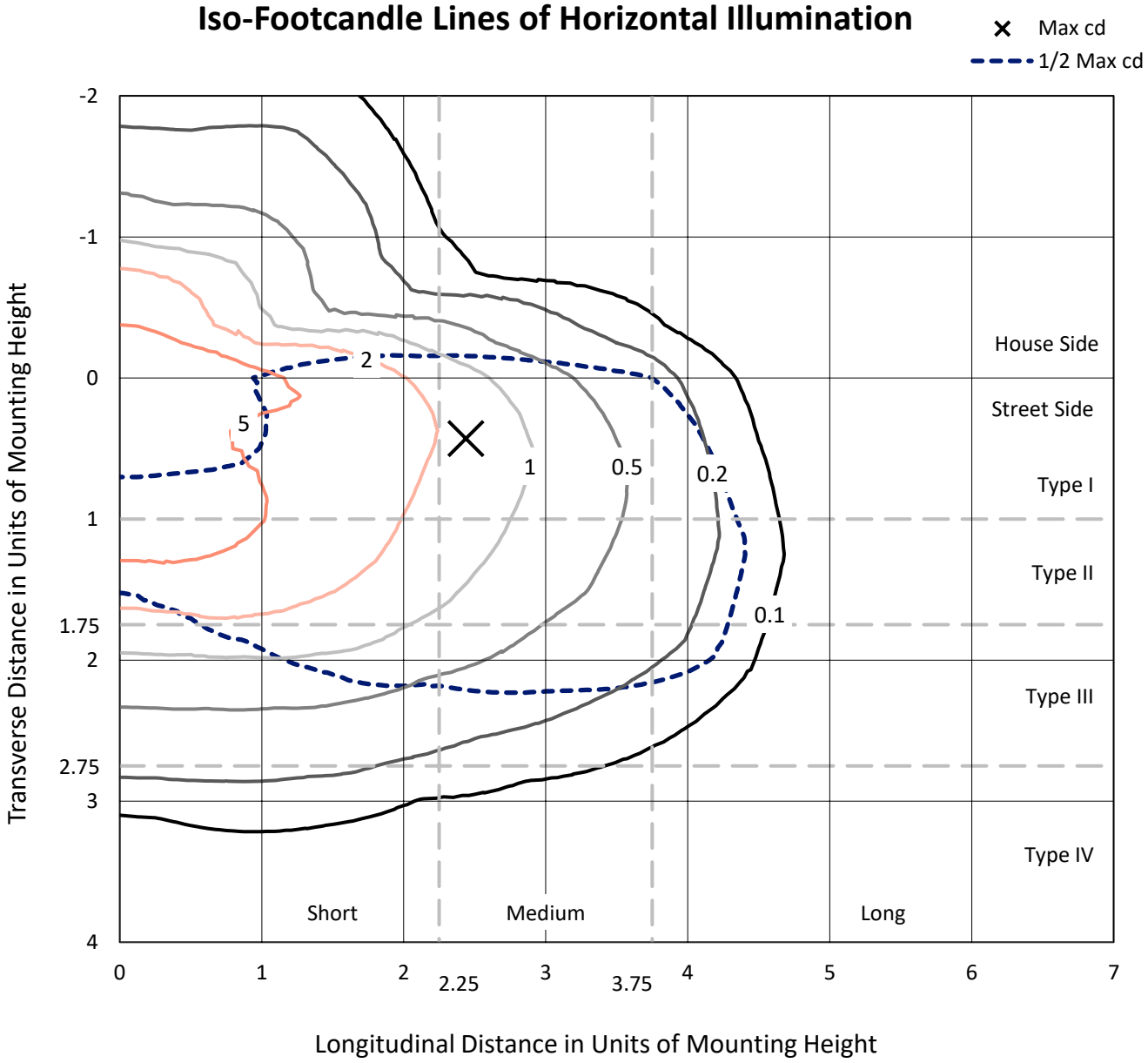
Input Watts (W):	170
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	12.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1366467
CATALOG NUMBER: GSS-SB6A-722-U-T3R

Iso-Footcandle Lines of Horizontal Illumination



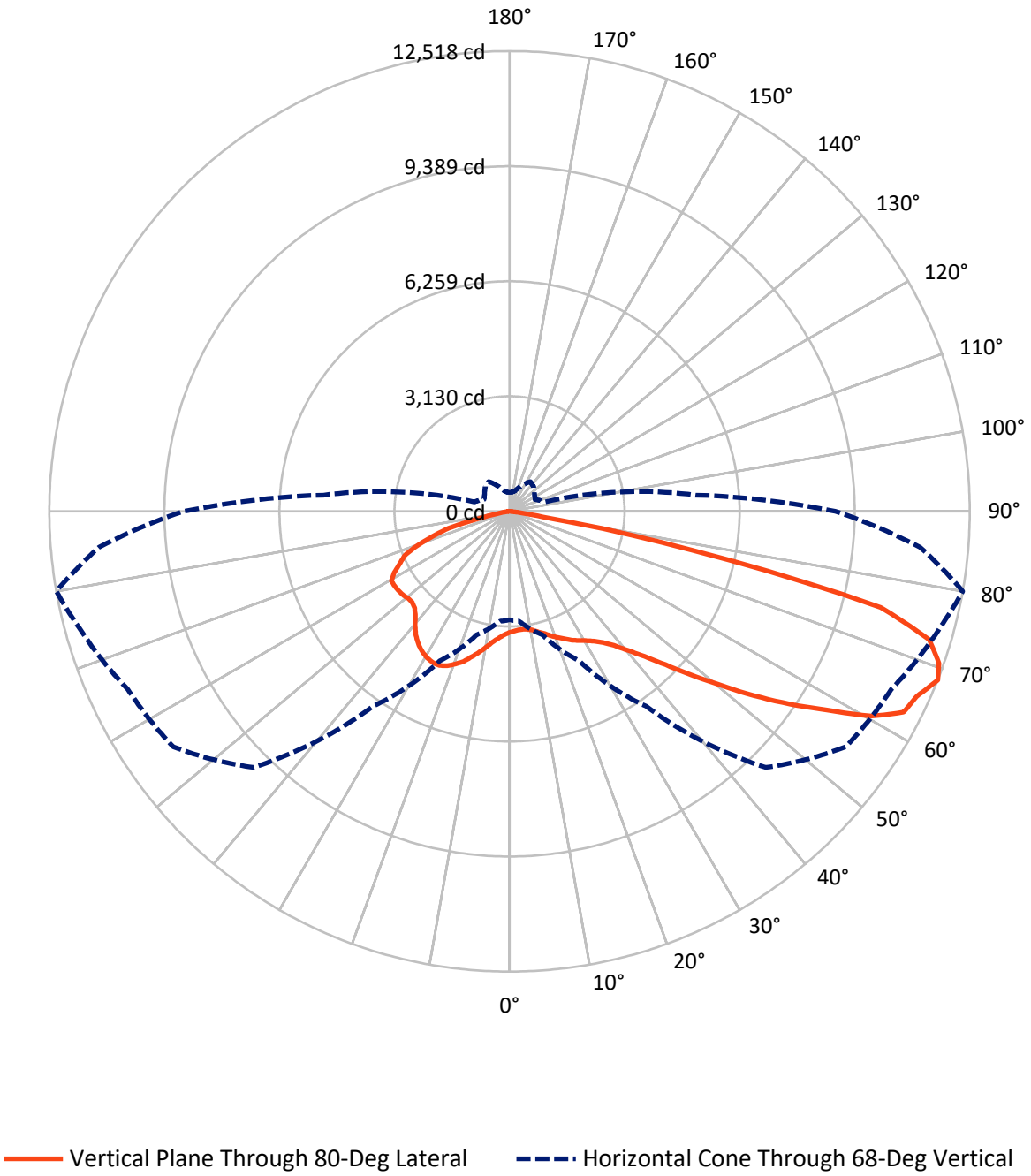
Based on 20 foot mounting height. Maximum calculated value = 9.3 fc
Type III - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1366467
CATALOG NUMBER: GSS-SB6A-722-U-T3R

Luminous Intensity Polar Plot



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

Scaled Data Report

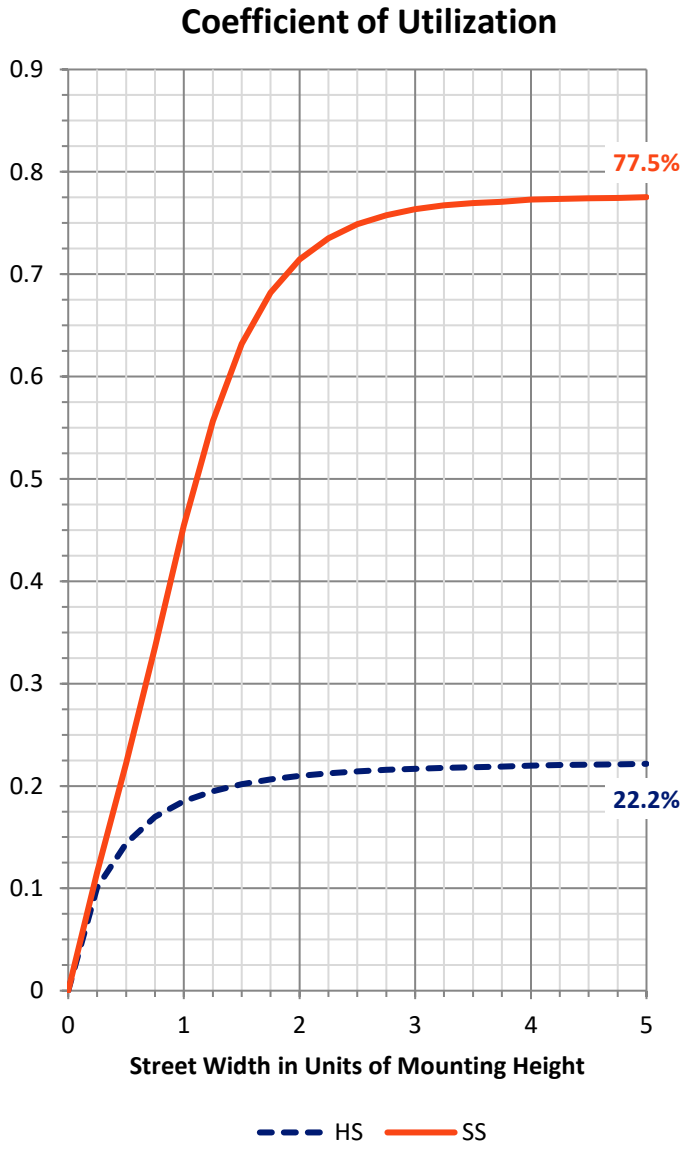
REPORT NUMBER: P1366467
CATALOG NUMBER: GSS-SB6A-722-U-T3R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4799.4	0.0	4799.4
	% Fixture	22.3	0.0	22.3
Street Side	Lumens	16678.0	0.0	16678.0
	% Fixture	77.7	0.0	77.7
Total	Lumens	21477.4	0.0	21477.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	317.6	1.5
10°-20°	906.7	4.2
20°-30°	1495.1	7.0
30°-40°	2295.3	10.7
40°-50°	3544.1	16.5
50°-60°	4895.2	22.8
60°-70°	5017.1	23.4
70°-80°	2841.5	13.2
80°-90°	164.7	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°	21477.4	100.0
0°-180°	21477.4	100.0



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

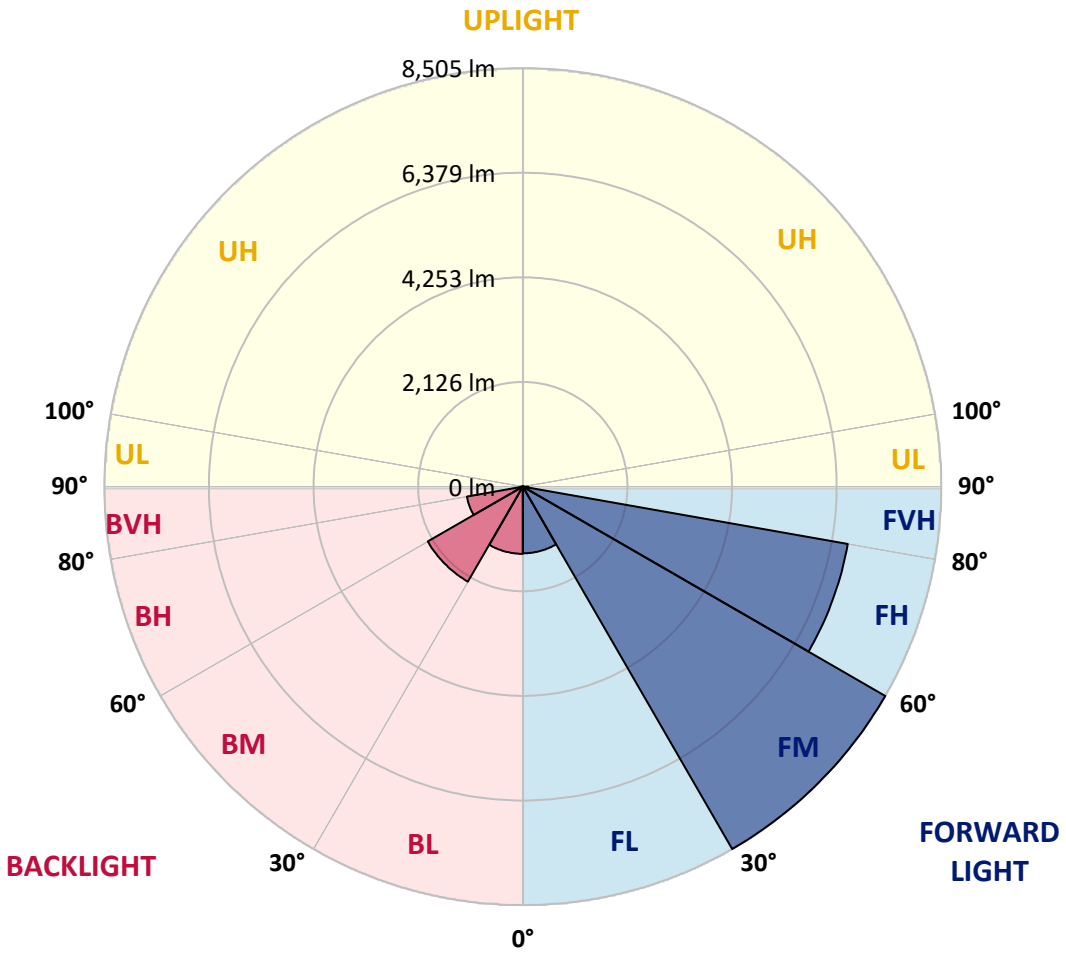
Scaled Data Report

REPORT NUMBER: P1366467
CATALOG NUMBER: GSS-SB6A-722-U-T3R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1354.0	6.3			
FM	(30°-60°)	8505.2	39.6			
FH	(60°-80°)	6705.2	31.2			G3/7500
FVH	(80°-90°)	113.6	0.5			G2/225
BL	(0°-30°)	1365.3	6.4	B3/2500		
BM	(30°-60°)	2229.5	10.4	B2/2500		
BH	(60°-80°)	1153.4	5.4	B3/2500		G3/2500
BVH	(80°-90°)	51.1	0.2			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 III Medium



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

Scaled Data Report

REPORT NUMBER: P1366467
CATALOG NUMBER: GSS-SB6A-722-U-T3R

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	3281.0	3281.0	3281.0	3281.0	3281.0	3281.0	3281.0	3281.0	3281.0	*3281.0*	3281.0
2.5°	3050.6	3040.6	3035.6	3045.6	3060.6	3090.7	3125.8	3150.8	3210.9	*3246.0*	3276.0
5°	2890.3	2885.3	2885.3	2910.4	2935.4	2970.5	3020.6	3065.6	3155.8	*3225.9*	3276.0
7.5°	2700.0	2695.0	2695.0	2750.1	2800.2	2880.3	2960.5	3035.6	3145.8	*3236.0*	3316.1
10°	2499.6	2499.6	2509.6	2579.8	2664.9	2780.1	2915.4	3030.6	3170.8	*3276.0*	3386.2
12.5°	2414.4	2409.4	2414.4	2479.6	2564.7	2720.0	2875.3	3050.6	3220.9	*3356.2*	3486.4
15°	2434.5	2424.5	2414.4	2469.5	2534.7	2690.0	2875.3	3090.7	3306.1	*3436.3*	3616.7
17.5°	2539.7	2534.7	2504.6	2519.6	2564.7	2705.0	2900.3	3150.8	3391.2	*3546.5*	3741.9
20°	2745.1	2730.0	2684.9	2659.9	2664.9	2755.1	2945.4	3231.0	3471.4	*3656.7*	3877.1
22.5°	3085.7	3075.7	3000.5	2900.3	2835.2	2860.3	3025.6	3321.1	3581.6	*3756.9*	4032.4
25°	3536.5	3511.5	3396.3	3236.0	3085.7	3030.6	3125.8	3441.3	3686.8	*3877.1*	4177.7
27.5°	4017.4	4022.4	3917.2	3676.8	3416.3	3231.0	3256.0	3561.6	3807.0	*3977.3*	4302.9
30°	4578.4	4553.4	4438.2	4187.7	3807.0	3496.4	3391.2	3676.8	3917.2	*4077.5*	4453.2
32.5°	5319.8	5324.8	5119.4	4733.7	4257.8	3822.0	3566.6	3797.0	4042.4	*4207.8*	4638.5
35°	6216.5	6196.4	5951.0	5485.1	4838.9	4197.7	3792.0	3952.3	4192.7	*4378.1*	4853.9
37.5°	7017.9	6962.8	6817.6	6371.7	5570.3	4708.7	4097.5	4157.7	4428.2	*4623.5*	5174.5
40°	7734.2	7709.2	7684.2	7343.5	6406.8	5344.8	4498.3	4473.2	4718.7	*4974.2*	5570.3
42.5°	8325.3	8320.3	8330.3	8255.2	7428.7	6141.3	5059.3	4884.0	5129.5	*5389.9*	6036.1
45°	8756.1	8746.1	8851.3	9006.6	8425.5	7093.1	5720.5	5394.9	5650.4	*5946.0*	6627.2
47.5°	9217.0	9222.0	9367.3	9627.7	9397.3	8039.8	6471.9	6031.1	6261.5	*6637.2*	7333.5
50°	9397.3	9397.3	9743.0	10113.6	10178.8	9046.7	7368.6	6787.5	7022.9	*7423.7*	8044.8
52.5°	9006.6	9081.7	9687.8	10384.1	10689.7	9978.4	8315.3	7609.0	7809.4	*8325.3*	8751.1
55°	6822.6	7088.1	9267.1	10253.9	10880.0	10709.7	9257.1	8520.7	8741.1	*9252.0*	9477.5
57.5°	5890.9	5961.0	7268.4	9798.1	10639.6	11105.5	10128.7	9492.5	9692.9	*10193.8*	10233.9
60°	5179.5	5274.7	6076.2	9026.6	10163.7	11065.4	10855.0	10389.1	10669.7	*11305.8*	11000.3
62.5°	4197.7	4297.9	4974.2	7213.3	9537.6	10784.9	11421.0	11235.7	11501.2	*12032.2*	11315.8
65°	3696.8	3731.9	4217.8	5530.2	8385.4	10544.4	11711.6	11596.4	11711.6	*12157.4*	11155.6
67.5°	3080.7	3150.8	3621.7	4693.6	6772.5	10033.5	11280.8	11446.1	12017.1	*12458.0*	11275.8
68°	*2950.4*	*3000.5*	*3481.4*	*4488.3*	*6471.9*	*9848.1*	*11165.6*	*11456.1*	*12137.4*	*12518.1*	*11210.7*
70°	2409.4	2479.6	2905.4	3761.9	5425.0	7884.5	10714.7	11651.5	12222.5	*12392.8*	10855.0
72.5°	1192.2	1317.4	2003.7	2654.9	3917.2	5700.5	9392.3	11401.0	12047.2	*11942.0*	10103.6
75°	420.8	450.8	936.7	1437.6	1898.5	3691.8	6642.2	10394.1	11045.3	*10429.2*	8470.6
77.5°	300.6	325.6	531.0	726.3	781.4	1853.4	4257.8	6872.7	6532.0	*5059.3*	3857.1
80°	235.4	255.5	395.7	405.7	390.7	651.2	1452.7	2083.8	1467.7	*921.7*	666.2
82.5°	145.3	175.3	295.5	245.5	180.3	205.4	340.6	561.0	400.7	*255.5*	205.4
85°	55.1	70.1	135.2	95.2	60.1	80.1	115.2	150.3	115.2	*85.2*	75.1
87.5°	5.0	5.0	10.0	10.0	15.0	20.0	30.1	40.1	45.1	*45.1*	45.1
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: P1366467
CATALOG NUMBER: GSS-SB6A-722-U-T3R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3281.0	3281.0	3281.0	3281.0	3281.0	3281.0	3281.0	3281.0	3281.0	3281.0	3281.0
2.5°	3296.1	3311.1	3376.2	3411.3	3476.4	3526.5	3556.6	3571.6	3586.6	3596.6	3591.6
5°	3331.1	3376.2	3501.5	3596.6	3671.8	3721.9	3746.9	3766.9	3771.9	3782.0	3777.0
7.5°	3396.3	3466.4	3656.7	3766.9	3832.1	3852.1	3832.1	3822.0	3807.0	3792.0	3792.0
10°	3501.5	3611.7	3837.1	3917.2	3922.2	3892.2	3827.1	3751.9	3696.8	3676.8	3666.8
12.5°	3636.7	3792.0	4022.4	4042.4	3977.3	3837.1	3651.7	3496.4	3396.3	3321.1	3316.1
15°	3802.0	3982.3	4182.7	4122.6	3937.3	3641.7	3336.1	3115.7	3000.5	2935.4	2905.4
17.5°	3972.3	4202.7	4328.0	4162.7	3771.9	3291.1	2925.4	2750.1	2644.9	2609.8	2584.8
20°	4162.7	4383.1	4428.2	4102.6	3471.4	2900.3	2569.7	2459.5	2459.5	2449.5	2439.5
22.5°	4358.0	4568.4	4483.3	3937.3	3075.7	2514.6	2314.3	2354.3	2424.5	2444.5	2444.5
25°	4538.4	4728.7	4483.3	3641.7	2604.8	2199.1	2214.1	2309.3	2399.4	2449.5	2449.5
27.5°	4713.7	4828.9	4393.1	3225.9	2179.0	2038.8	2128.9	2244.1	2389.4	2464.5	2469.5
30°	4889.0	4904.0	4232.8	2695.0	1873.5	1923.5	2028.7	2179.0	2339.3	2434.5	2444.5
32.5°	5074.3	4974.2	4007.4	2169.0	1733.2	1813.3	1938.6	2058.8	2184.0	2254.2	2259.2
35°	5284.7	5039.3	3716.8	1763.2	1643.0	1738.2	1833.4	1873.5	1908.5	1948.6	1973.6
37.5°	5515.2	5124.4	3336.1	1557.9	1557.9	1668.1	1723.2	1643.0	1633.0	1628.0	1613.0
40°	5770.6	5214.6	2860.3	1452.7	1492.8	1592.9	1547.9	1452.7	1382.5	1307.4	1312.4
42.5°	6091.2	5329.8	2319.3	1402.6	1447.7	1532.8	1407.6	1292.4	1102.0	1051.9	1062.0
45°	6456.9	5475.1	1888.5	1357.5	1412.6	1477.7	1312.4	1092.0	971.8	1021.9	1056.9
47.5°	6842.6	5665.4	1577.9	1322.4	1397.6	1412.6	1252.3	1001.8	921.7	1031.9	1077.0
50°	7298.4	5840.8	1432.6	1287.4	1392.6	1392.6	1147.1	986.8	881.6	976.8	1021.9
52.5°	7759.3	6011.1	1357.5	1247.3	1377.5	1387.6	1122.1	966.8	826.5	856.6	876.6
55°	8210.1	6106.2	1317.4	1192.2	1362.5	1362.5	1132.1	931.7	771.4	771.4	781.4
57.5°	8666.0	6171.4	1282.4	1127.1	1312.4	1287.4	1132.1	906.7	751.4	731.3	741.4
60°	9171.9	6211.4	1247.3	1051.9	1242.3	1197.2	1127.1	886.6	726.3	696.3	701.3
62.5°	9252.0	5930.9	1182.2	971.8	1147.1	1122.1	1107.0	861.6	686.3	626.2	626.2
65°	8966.5	5510.2	1102.0	871.6	1021.9	1046.9	1067.0	831.5	646.2	576.1	581.1
67.5°	8936.5	5194.6	1016.9	781.4	856.6	951.8	1016.9	781.4	586.1	526.0	521.0
68°	*8866.3*	*5079.4*	*991.8*	*761.4*	*826.5*	*931.7*	*986.8*	*761.4*	*576.1*	*516.0*	*516.0*
70°	8415.5	4578.4	841.6	671.2	731.3	761.4	866.6	676.2	516.0	465.9	470.9
72.5°	7538.9	3731.9	646.2	546.0	586.1	586.1	751.4	626.2	470.9	425.8	425.8
75°	6286.6	2950.4	490.9	430.8	410.8	475.9	611.1	566.0	415.8	380.7	365.7
77.5°	2855.3	1272.3	320.6	300.6	305.6	370.7	485.9	485.9	395.7	310.6	275.5
80°	631.2	395.7	195.4	180.3	180.3	235.4	340.6	350.6	285.5	215.4	185.3
82.5°	210.4	160.3	120.2	110.2	105.2	125.2	210.4	230.4	170.3	125.2	125.2
85°	80.1	75.1	65.1	60.1	50.1	50.1	65.1	105.2	90.2	60.1	60.1
87.5°	40.1	40.1	35.1	25.0	20.0	15.0	10.0	10.0	10.0	15.0	10.0
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

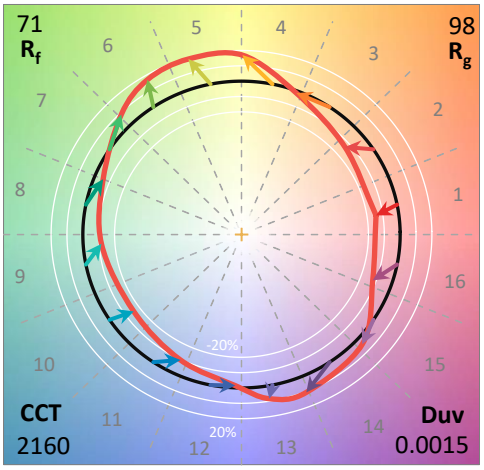
Test Information

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

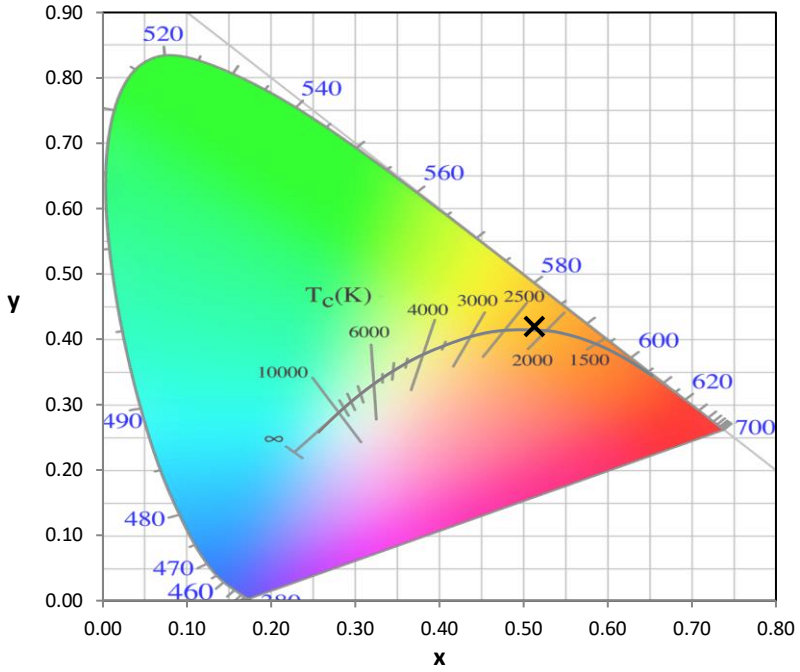
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

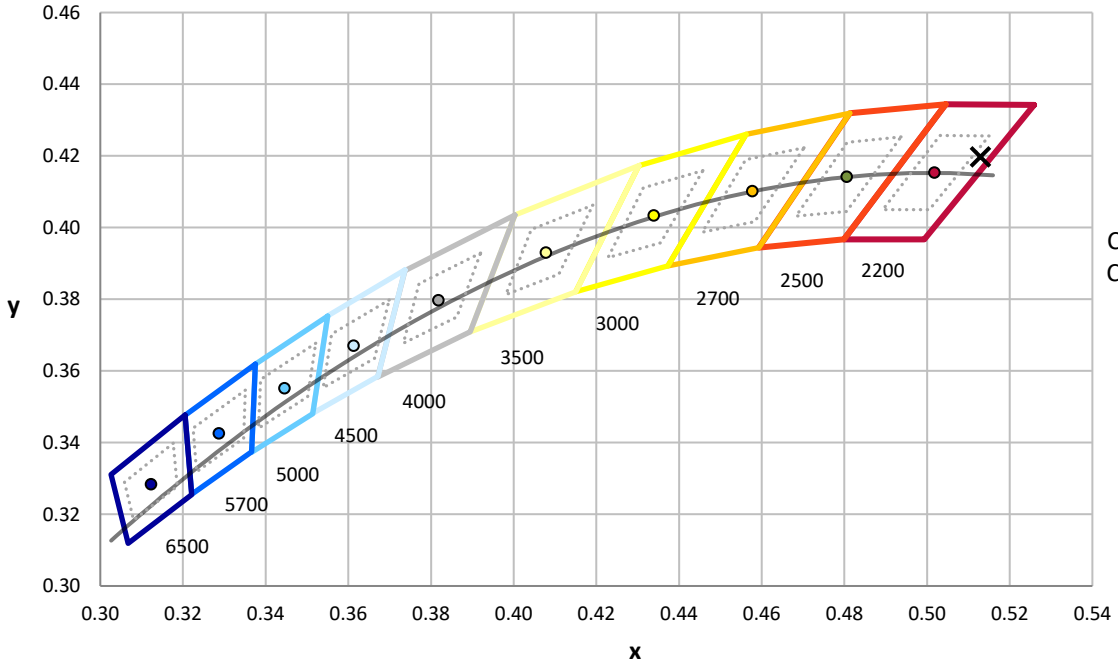
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

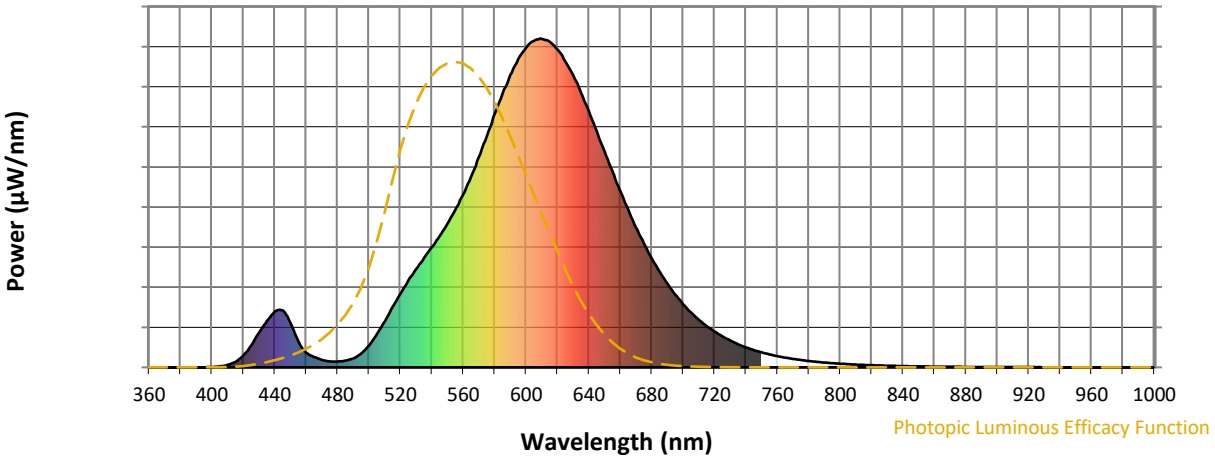


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

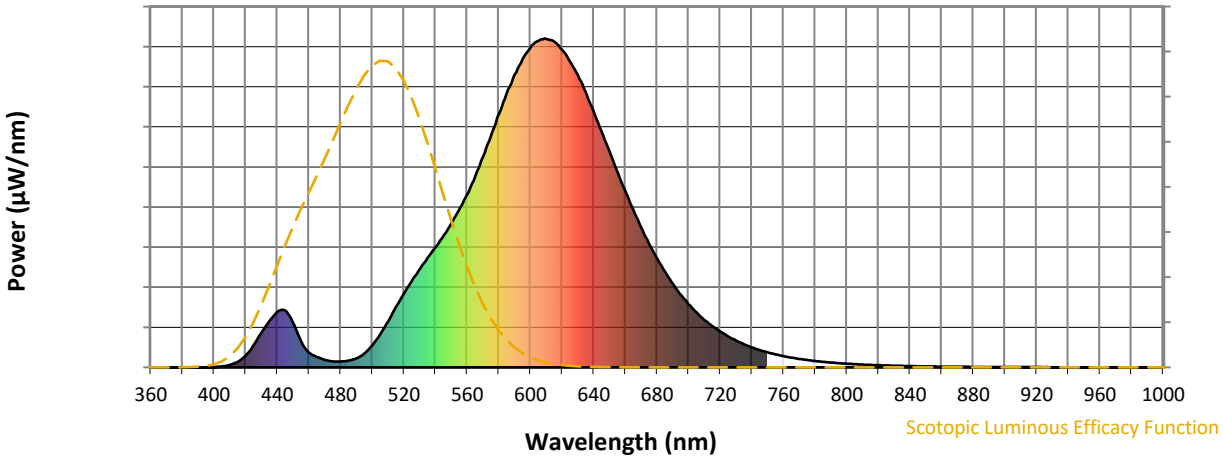


Photopic Lumens: NR

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

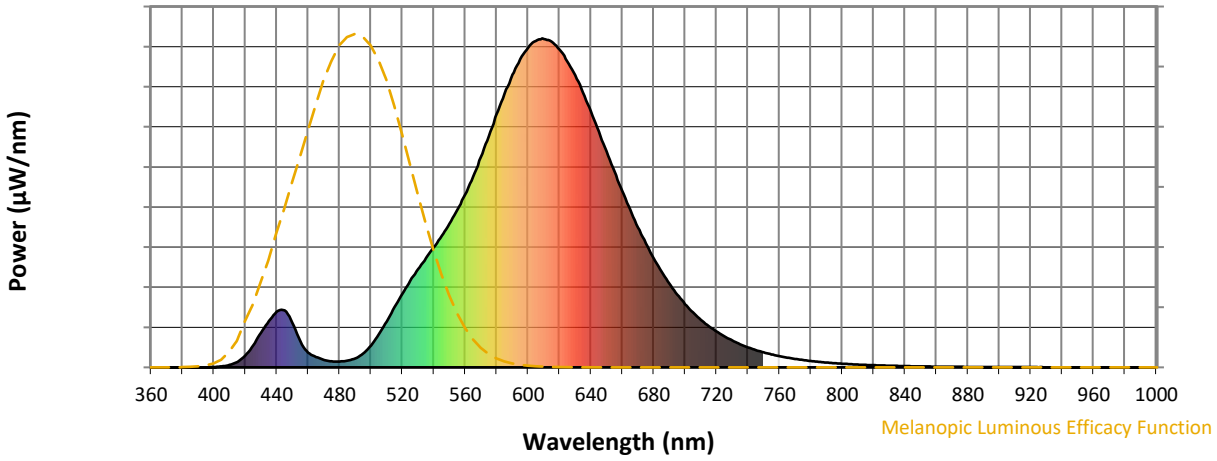


Scotopic Lumens: NR **S/P: 0.8**

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			

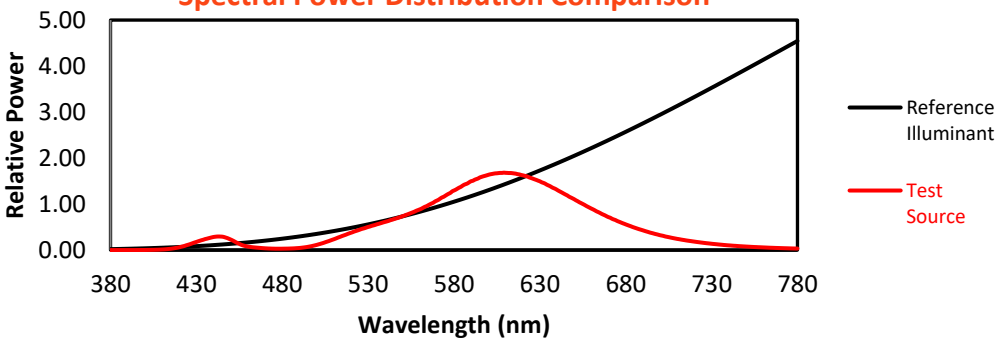
REPORT NUMBER: SP1-2407-184-2

TM-30-18

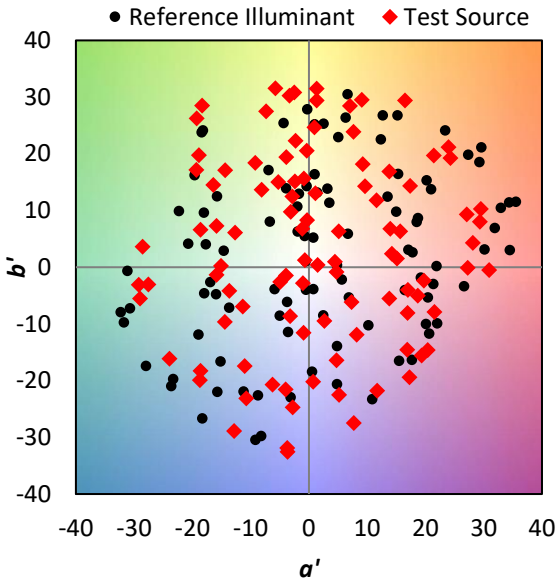
Summary

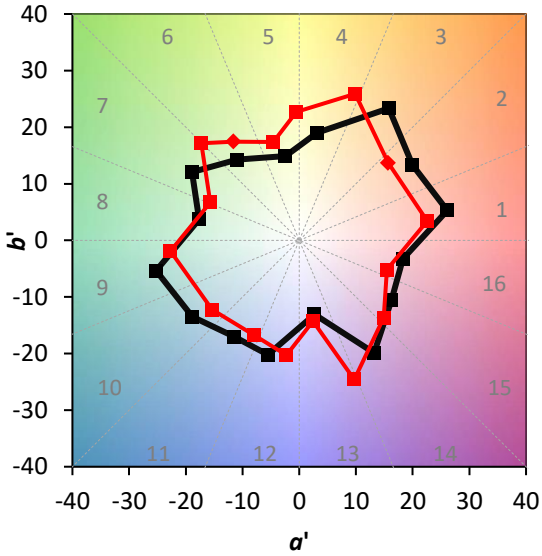
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

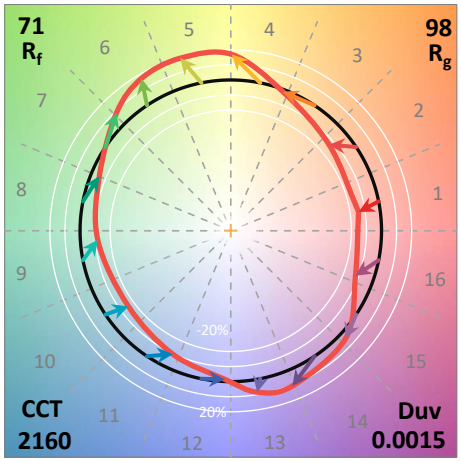
Spectral Power Distribution Comparison

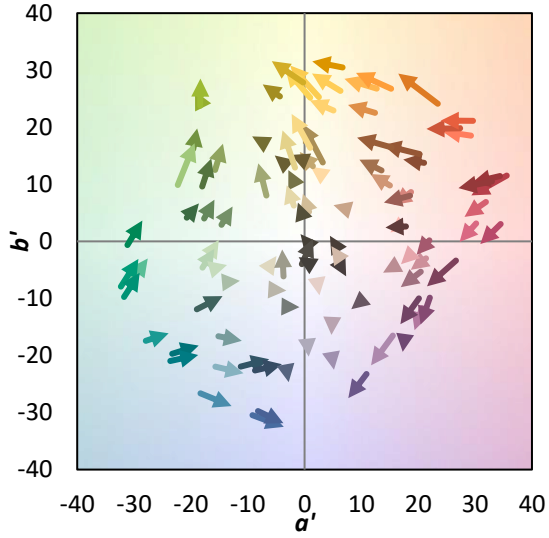


Color Vector Graphics







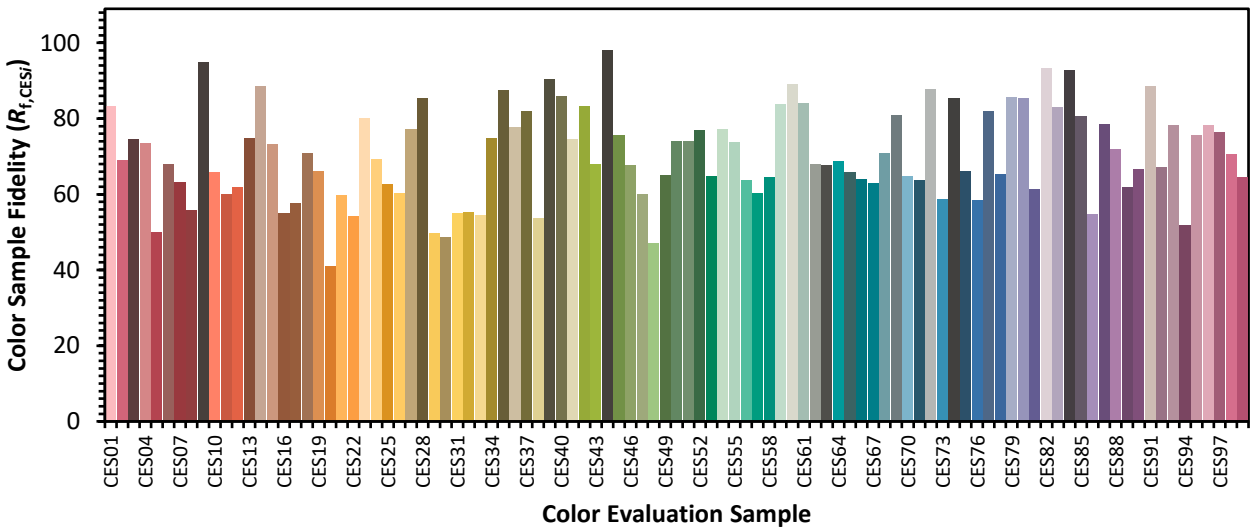


REPORT NUMBER: SP1-2407-184-2

TM-30-18

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

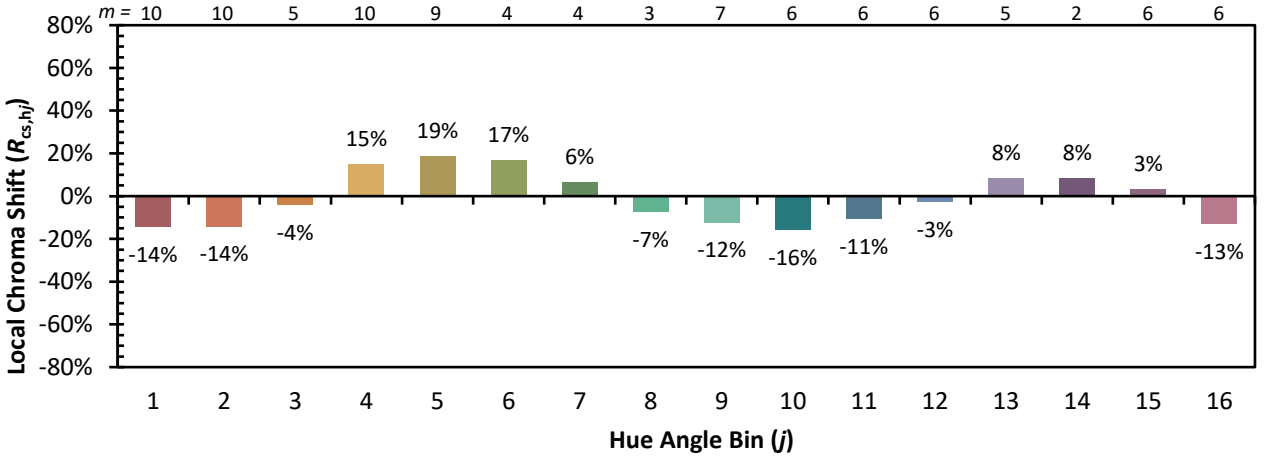
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 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	

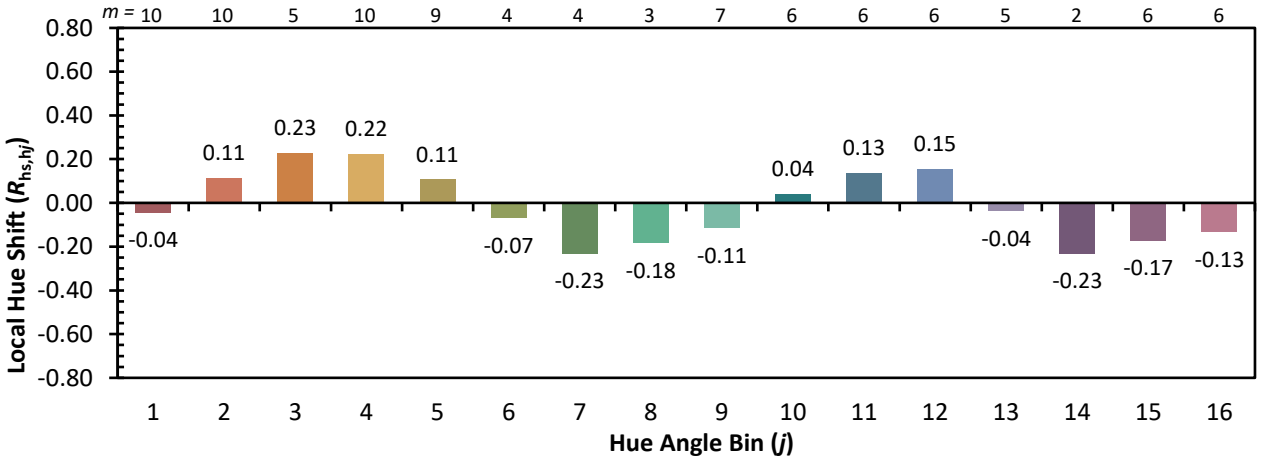


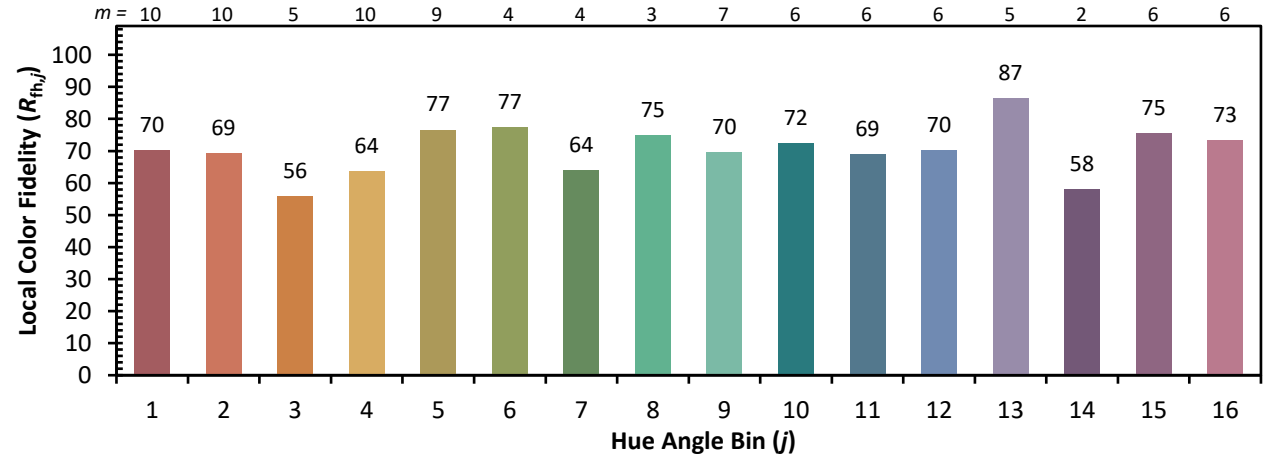
REPORT NUMBER: SP1-2407-184-2

TM-30-18

Color Rendition by Hue-Angle Bin



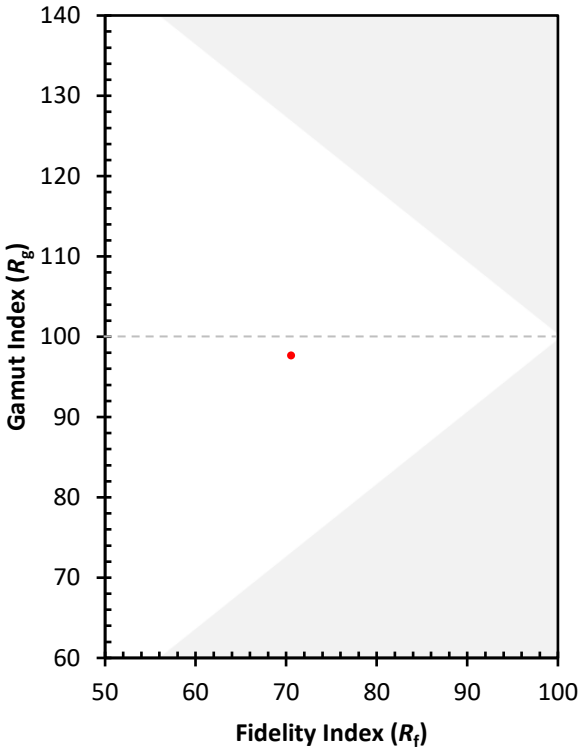


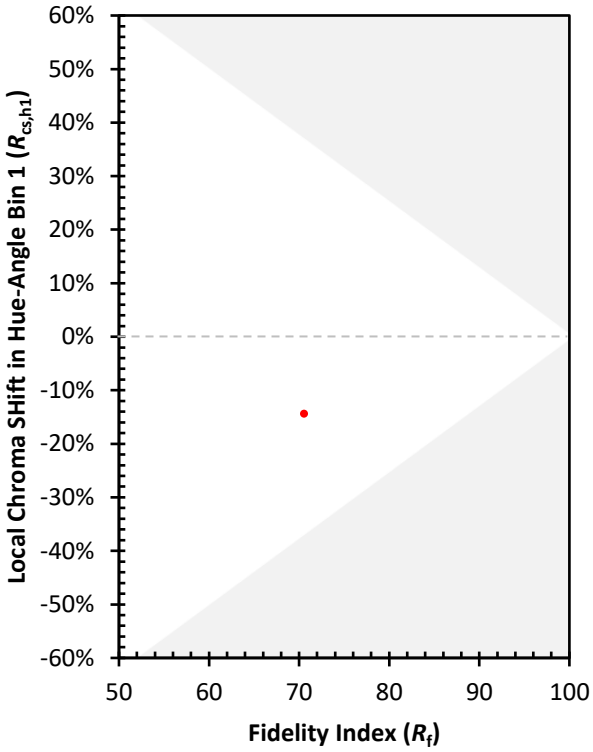


REPORT NUMBER: SP1-2407-184-2

TM-30-18

Measure Comparisons





(END OF REPORT)