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: P1362629

Luminaire Tested: **GSS-SB6C-722-U-SL2**

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:	P1362629
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB6C-722-U-SL2
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 6SQUARE 300W 70CRI 2200K FIXTURE w/ TYPE II SPILL CONTROL DISTRIBUTION OPTIC
Light Source:	(156) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	35174.5 lumens
Efficiency:	N/A
Efficacy:	117.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B3 - U0 - G4

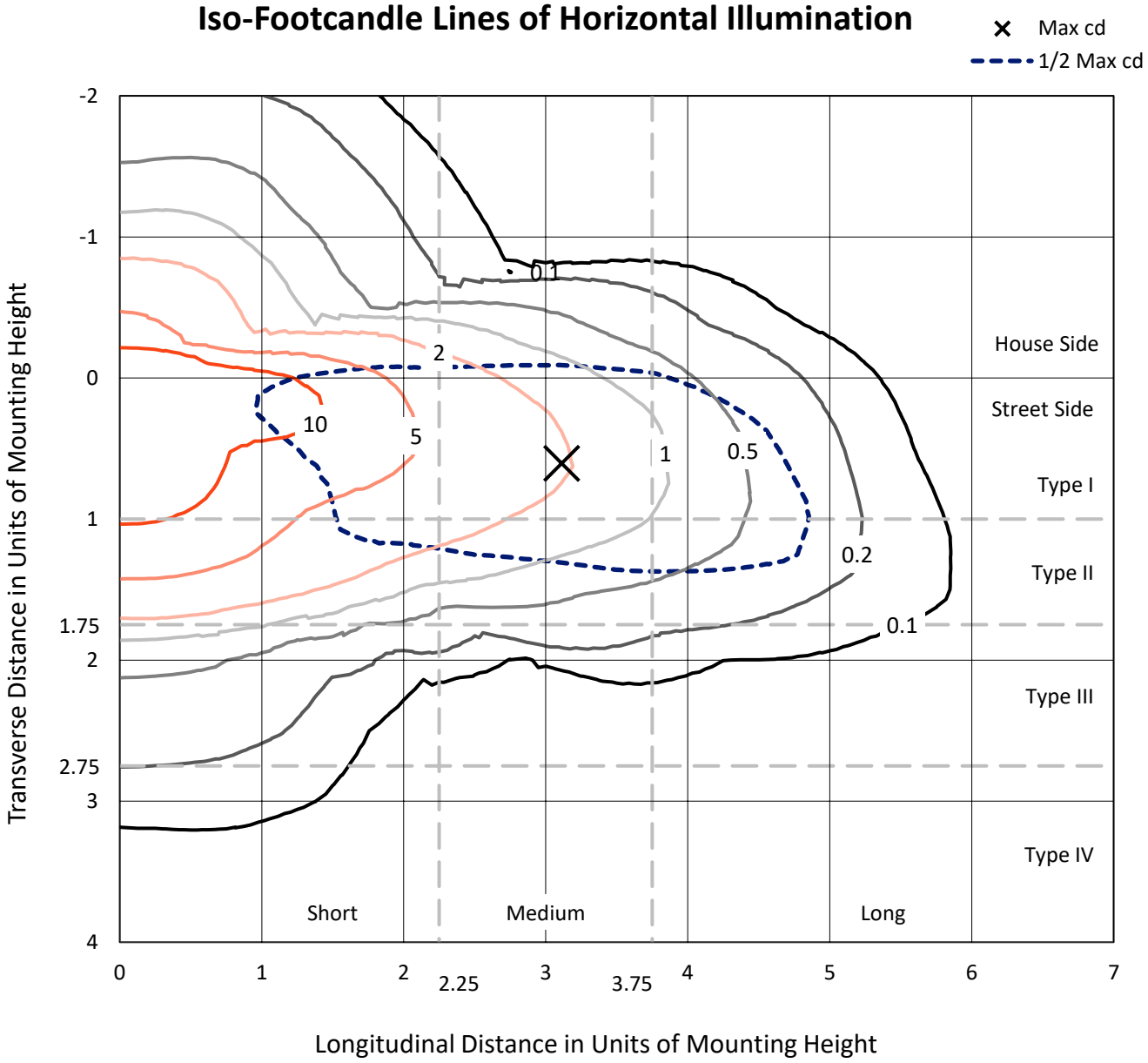
Input Watts (W):	300
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1362629
CATALOG NUMBER: GSS-SB6C-722-U-SL2

Iso-Footcandle Lines of Horizontal Illumination



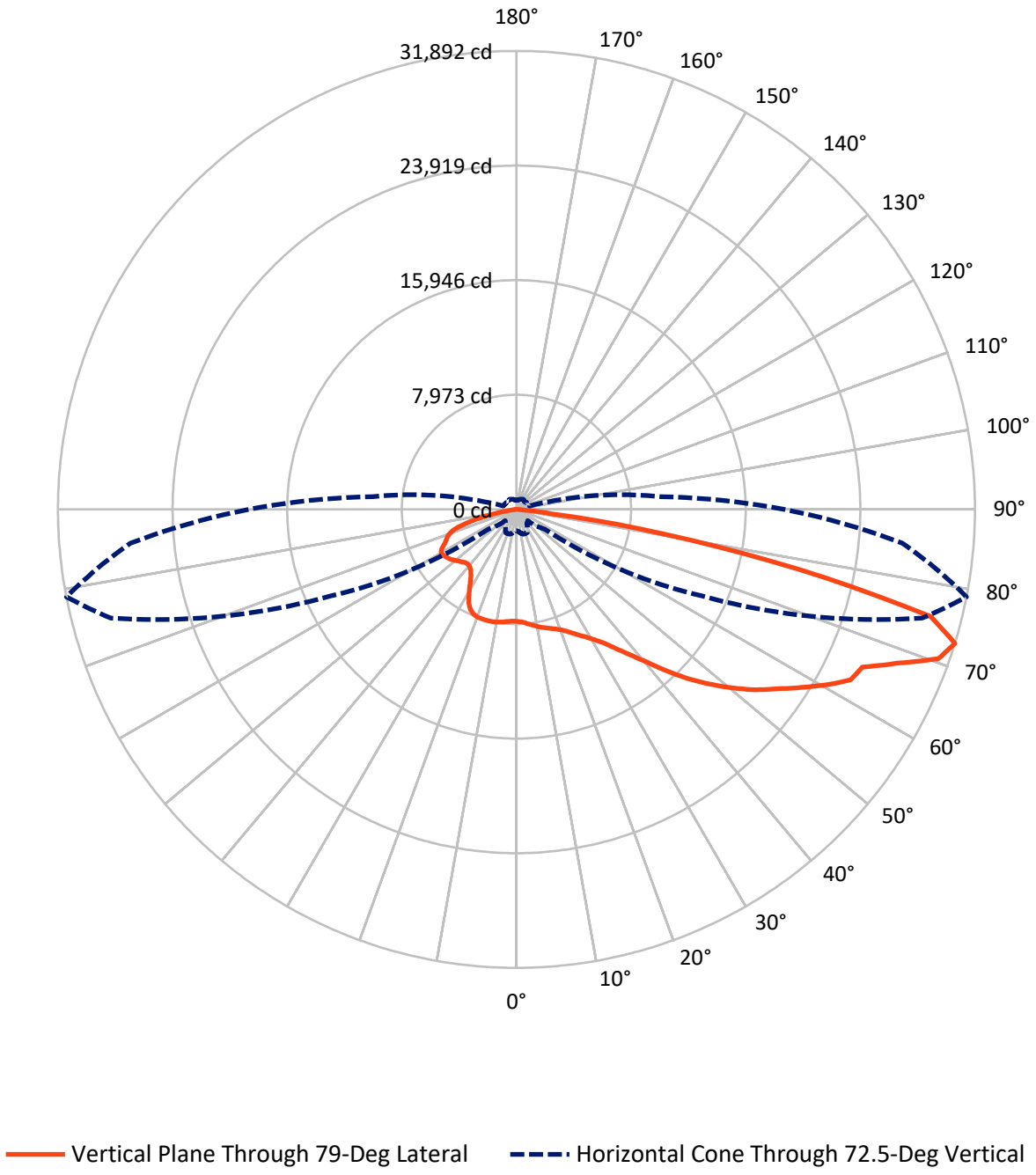
Based on 20 foot mounting height. Maximum calculated value = 19.6 fc
Type II - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1362629
CATALOG NUMBER: GSS-SB6C-722-U-SL2

Luminous Intensity Polar Plot



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

Scaled Data Report

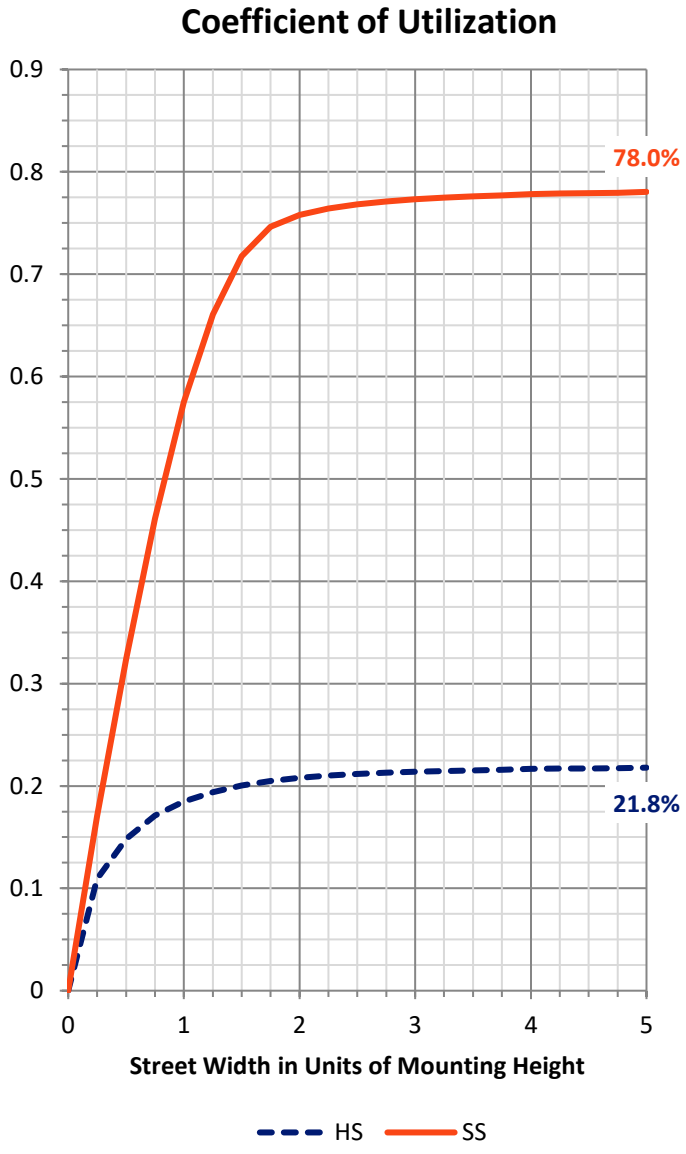
REPORT NUMBER: P1362629
CATALOG NUMBER: GSS-SB6C-722-U-SL2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7726.7	0.0	7726.7
	% Fixture	22.0	0.0	22.0
Street Side	Lumens	27447.8	0.0	27447.8
	% Fixture	78.0	0.0	78.0
Total	Lumens	35174.5	0.0	35174.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	723.1	2.1
10°-20°	1795.9	5.1
20°-30°	2827.6	8.0
30°-40°	4219.6	12.0
40°-50°	5999.7	17.1
50°-60°	7578.8	21.5
60°-70°	7093.9	20.2
70°-80°	4506.1	12.8
80°-90°	429.8	1.2
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°	35174.5	100.0
0°-180°	35174.5	100.0



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

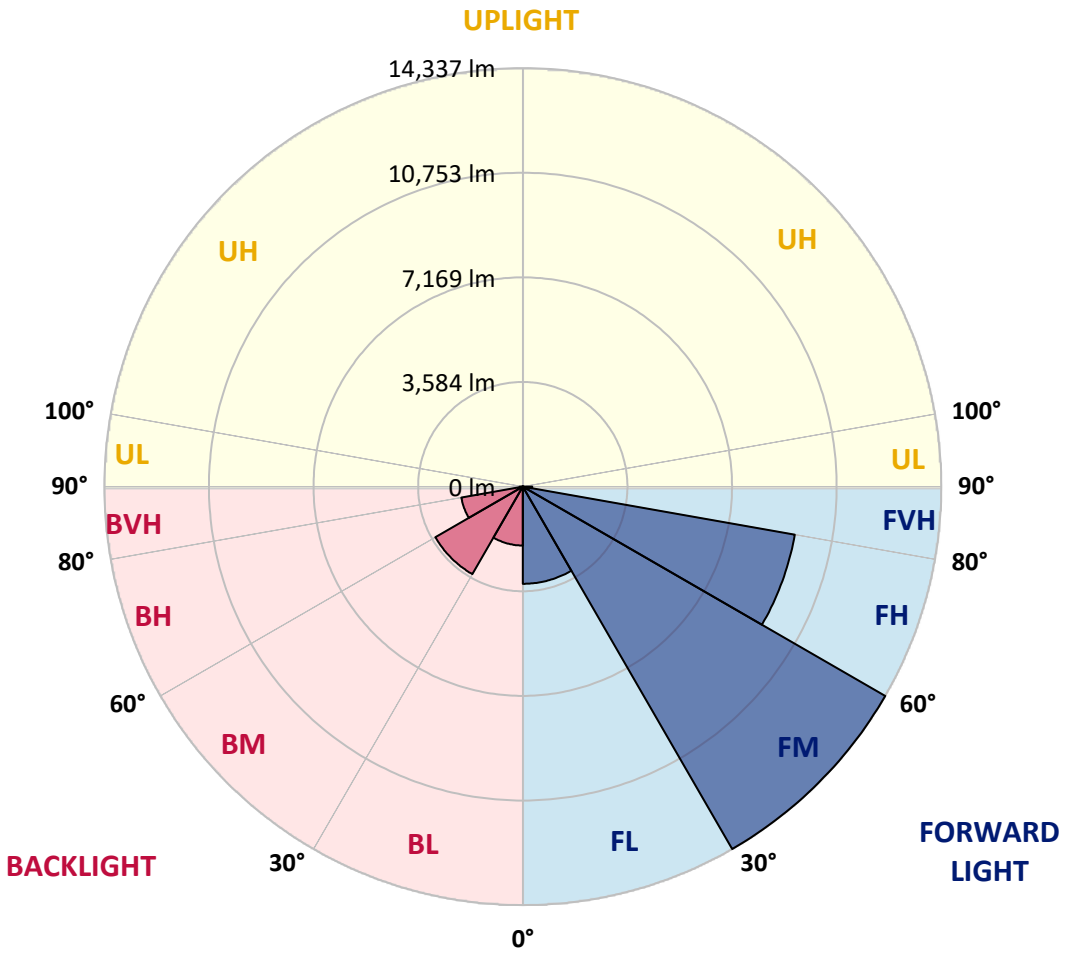
Scaled Data Report

REPORT NUMBER: P1362629
CATALOG NUMBER: GSS-SB6C-722-U-SL2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3329.4	9.5			
FM	(30°-60°)	14337.2	40.8			
FH	(60°-80°)	9461.0	26.9			G4/12000
FVH	(80°-90°)	320.2	0.9			G3/500
BL	(0°-30°)	2017.2	5.7	B3/2500		
BM	(30°-60°)	3460.9	9.8	B3/5000		
BH	(60°-80°)	2138.9	6.1	B3/2500		G3/2500
BVH	(80°-90°)	109.6	0.3			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: P1362629
CATALOG NUMBER: GSS-SB6C-722-U-SL2

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	7789.8	7789.8	7789.8	7789.8	7789.8	7789.8	7789.8	7789.8	7789.8	*7789.8*	7789.8
2.5°	7972.9	7981.2	7947.9	7947.9	7956.2	7922.9	7881.3	7873.0	7839.7	*7839.7*	7839.7
5°	8014.5	8014.5	8006.2	8047.8	8064.4	8089.4	8056.1	8031.1	7981.2	*7981.2*	7914.6
7.5°	7573.4	7556.8	7623.3	7814.8	8014.5	8122.7	8189.3	8189.3	8164.3	*8122.7*	8064.4
10°	6741.2	6766.1	6866.0	7124.0	7490.2	7981.2	8247.5	8355.7	8314.1	*8297.5*	8197.6
12.5°	6300.1	6291.8	6366.7	6558.1	6874.3	7473.5	8131.0	8472.2	8480.6	*8438.9*	8322.4
15°	6250.1	6225.2	6258.5	6325.0	6533.1	7015.8	7781.5	8513.8	8597.1	*8580.4*	8447.3
17.5°	6533.1	6524.8	6474.8	6458.2	6449.9	6716.2	7440.2	8480.6	8755.2	*8738.5*	8588.7
20°	7024.1	6982.5	6891.0	6807.7	6633.0	6657.9	7173.9	8438.9	8971.6	*8946.6*	8796.8
22.5°	7548.4	7565.1	7481.9	7282.1	6974.2	6832.7	7090.7	8380.7	9262.9	*9246.2*	9046.5
25°	8189.3	8172.6	8072.8	7848.0	7440.2	7132.3	7182.3	8364.0	9595.8	*9612.4*	9371.0
27.5°	8846.7	8830.1	8705.3	8422.3	7947.9	7498.5	7390.3	8430.6	10020.2	*10011.9*	9712.3
30°	9579.1	9587.4	9429.3	9046.5	8472.2	7956.2	7723.2	8605.4	10444.6	*10469.6*	10103.4
32.5°	10236.6	10278.2	10186.6	9828.8	9113.1	8430.6	8131.0	8888.3	11010.6	*11052.2*	10602.8
35°	10652.7	10677.7	10669.3	10502.9	9795.5	8971.6	8538.8	9246.2	11693.0	*11851.1*	11268.6
37.5°	11052.2	11110.4	11118.8	10993.9	10461.3	9612.4	9021.5	9745.6	12566.9	*12824.9*	12142.4
40°	11484.9	11468.3	11584.8	11435.0	11060.5	10294.8	9520.9	10311.5	13532.3	*13956.7*	13166.1
42.5°	11742.9	11784.6	11934.4	11901.1	11526.6	10927.3	10086.8	10944.0	14739.0	*15363.2*	14406.1
45°	11909.4	11951.0	12167.4	12200.7	12000.9	11360.1	10619.4	11551.5	15845.9	*16819.6*	15737.7
47.5°	11967.6	11992.6	12275.6	12408.7	12325.5	11634.7	11035.5	12242.3	16936.1	*18192.8*	17069.3
50°	11734.6	11826.2	12192.4	12492.0	12550.2	11776.2	11393.4	12974.7	18109.6	*19524.4*	18409.2
52.5°	11376.8	11426.7	11867.8	12508.6	12691.7	12009.3	11834.5	13748.6	19216.5	*20856.0*	19557.7
55°	10677.7	10777.5	11326.8	12234.0	12774.9	12317.2	12408.7	14622.5	20365.0	*22021.1*	20806.1
57.5°	8696.9	8871.7	9778.8	11060.5	12550.2	12924.7	13265.9	15704.4	21621.7	*23369.4*	21921.3
60°	5451.2	5684.2	6633.0	8705.3	11276.9	13282.6	14630.8	17110.9	23119.7	*24784.2*	23161.3
62.5°	2954.5	2946.1	3229.1	4452.5	8131.0	12350.5	15804.3	19549.4	25050.5	*26099.1*	23885.4
65°	2563.3	2563.3	2596.6	2588.3	3512.1	9113.1	14639.1	21005.8	26382.1	*26448.7*	23269.5
67.5°	2305.3	2305.3	2355.2	2230.4	1914.2	4078.0	10711.0	20140.3	28587.5	*28545.9*	24060.1
70°	2030.7	2039.0	2122.2	2047.3	1539.6	1656.2	5859.0	18342.6	30235.4	*31125.9*	25633.1
72.5°	*1489.7*	*1539.6*	*1781.0*	*1781.0*	*1265.0*	*1115.2*	*2380.2*	*14223.0*	*29203.4*	*31891.5*	*26939.7*
75°	1048.6	1056.9	1181.8	1273.3	998.7	840.6	1156.8	9520.9	26789.9	*29752.7*	25774.5
77.5°	799.0	807.3	848.9	1015.3	682.4	615.9	799.0	5201.5	19324.7	*20090.3*	16719.8
80°	532.6	524.3	582.6	715.7	482.7	416.1	516.0	1739.4	10844.1	*10344.8*	6982.5
82.5°	266.3	274.6	316.3	374.5	283.0	249.7	299.6	898.8	4252.8	*2471.8*	1015.3
85°	74.9	91.5	108.2	149.8	116.5	108.2	141.5	316.3	541.0	*399.5*	274.6
87.5°	8.3	8.3	16.6	16.6	16.6	25.0	41.6	66.6	91.5	*91.5*	91.5
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: P1362629
CATALOG NUMBER: GSS-SB6C-722-U-SL2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7789.8	7789.8	7789.8	7789.8	7789.8	7789.8	7789.8	7789.8	7789.8	7789.8	7789.8
2.5°	7823.1	7798.1	7764.8	7714.9	7714.9	7656.6	7623.3	7556.8	7581.7	7548.4	7531.8
5°	7898.0	7864.7	7789.8	7706.6	7623.3	7498.5	7398.6	7257.2	7240.5	7207.2	7157.3
7.5°	8031.1	7947.9	7856.4	7665.0	7506.8	7223.9	6999.2	6716.2	6558.1	6458.2	6466.5
10°	8164.3	8056.1	7864.7	7615.0	7273.8	6807.7	6225.2	5667.6	5243.1	5001.8	5051.7
12.5°	8255.8	8139.3	7881.3	7481.9	6849.4	5917.2	4835.3	4044.7	3736.8	3578.6	3578.6
15°	8347.4	8197.6	7856.4	7198.9	6050.4	4460.8	3603.6	3304.0	3220.8	3170.8	3154.2
17.5°	8463.9	8289.1	7781.5	6674.6	4768.7	3487.1	3187.5	3095.9	3095.9	3087.6	3071.0
20°	8605.4	8397.3	7689.9	5842.3	3661.9	3129.2	3046.0	3029.4	3046.0	3037.7	3029.4
22.5°	8821.8	8530.5	7456.9	4693.8	3145.9	2962.8	2954.5	2871.2	2887.9	2904.5	2896.2
25°	9096.4	8696.9	7015.8	3587.0	2887.9	2854.6	2771.4	2696.5	2688.1	2696.5	2696.5
27.5°	9354.4	8821.8	6300.1	2954.5	2704.8	2696.5	2621.6	2555.0	2555.0	2563.3	2563.3
30°	9637.4	8896.7	5201.5	2629.9	2596.6	2555.0	2530.0	2505.0	2513.4	2538.3	2538.3
32.5°	10011.9	8971.6	4127.9	2446.8	2488.4	2430.1	2446.8	2438.5	2455.1	2496.7	2505.0
35°	10469.6	9004.9	3304.0	2338.6	2338.6	2288.7	2297.0	2263.7	2263.7	2288.7	2305.3
37.5°	11077.1	9021.5	2779.7	2280.3	2222.1	2197.1	2180.5	2138.9	2080.6	2039.0	2047.3
40°	11734.6	9063.1	2496.7	2238.7	2172.2	2163.8	2130.5	2072.3	1905.8	1772.7	1764.4
42.5°	12608.5	9179.6	2355.2	2172.2	2172.2	2172.2	2122.2	1864.2	1731.1	1639.5	1631.2
45°	13490.6	9487.6	2280.3	2113.9	2163.8	2172.2	1947.4	1789.3	1681.1	1581.3	1556.3
47.5°	14472.7	9928.7	2247.1	2080.6	2105.6	2122.2	1830.9	1756.0	1631.2	1514.7	1489.7
50°	15446.4	10394.7	2213.8	2022.3	2022.3	1914.2	1806.0	1722.7	1597.9	1473.1	1456.4
52.5°	16478.4	10935.7	2180.5	1922.5	1914.2	1797.6	1781.0	1714.4	1581.3	1423.1	1389.8
55°	17377.2	11426.7	2122.2	1806.0	1797.6	1681.1	1764.4	1681.1	1481.4	1298.3	1265.0
57.5°	18234.4	11826.2	2047.3	1681.1	1697.8	1589.6	1697.8	1614.6	1389.8	1206.8	1190.1
60°	19050.0	12242.3	1947.4	1572.9	1572.9	1506.4	1614.6	1506.4	1298.3	1115.2	1090.2
62.5°	19291.4	12109.1	1781.0	1456.4	1448.1	1398.2	1506.4	1381.5	1181.8	1015.3	990.4
65°	18459.1	11426.7	1581.3	1339.9	1314.9	1273.3	1348.2	1231.7	1048.6	915.5	907.1
67.5°	18575.7	11160.4	1356.6	1190.1	1165.1	1131.8	1156.8	1065.3	923.8	823.9	815.6
70°	18725.5	10869.1	1148.5	1048.6	990.4	932.1	990.4	915.5	815.6	732.4	724.1
72.5°	*18608.9*	*10061.8*	*948.8*	*882.2*	*840.6*	*774.0*	*848.9*	*790.6*	*707.4*	*640.8*	*624.2*
75°	16927.8	8089.4	774.0	724.1	674.1	632.5	682.4	665.8	599.2	590.9	532.6
77.5°	11385.1	5184.9	599.2	557.6	541.0	499.3	532.6	507.7	474.4	441.1	416.1
80°	4935.2	2322.0	432.8	391.2	374.5	349.5	382.8	374.5	357.9	332.9	324.6
82.5°	707.4	549.3	291.3	266.3	224.7	208.1	224.7	241.4	349.5	424.4	416.1
85°	199.7	166.4	141.5	124.8	99.9	83.2	91.5	149.8	199.7	124.8	108.2
87.5°	91.5	83.2	66.6	41.6	25.0	25.0	16.6	8.3	8.3	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

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

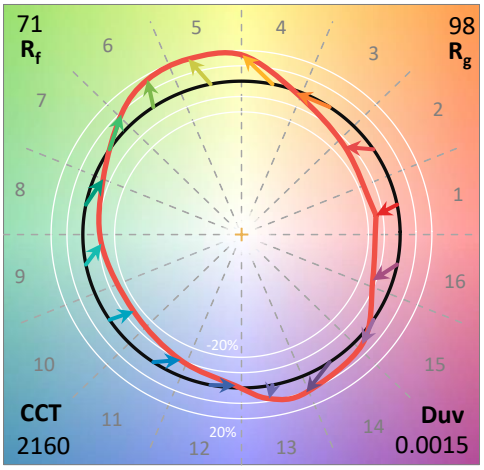
Test Information

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

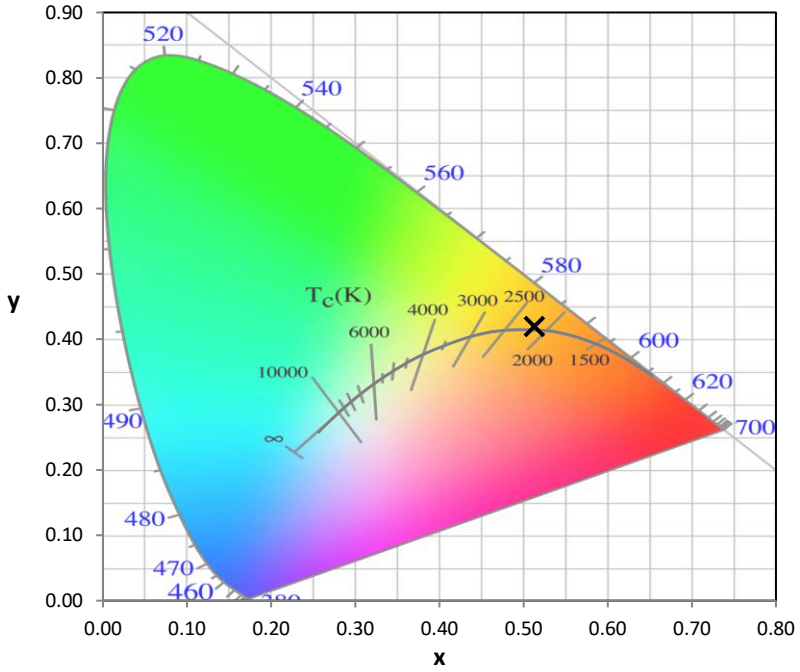
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

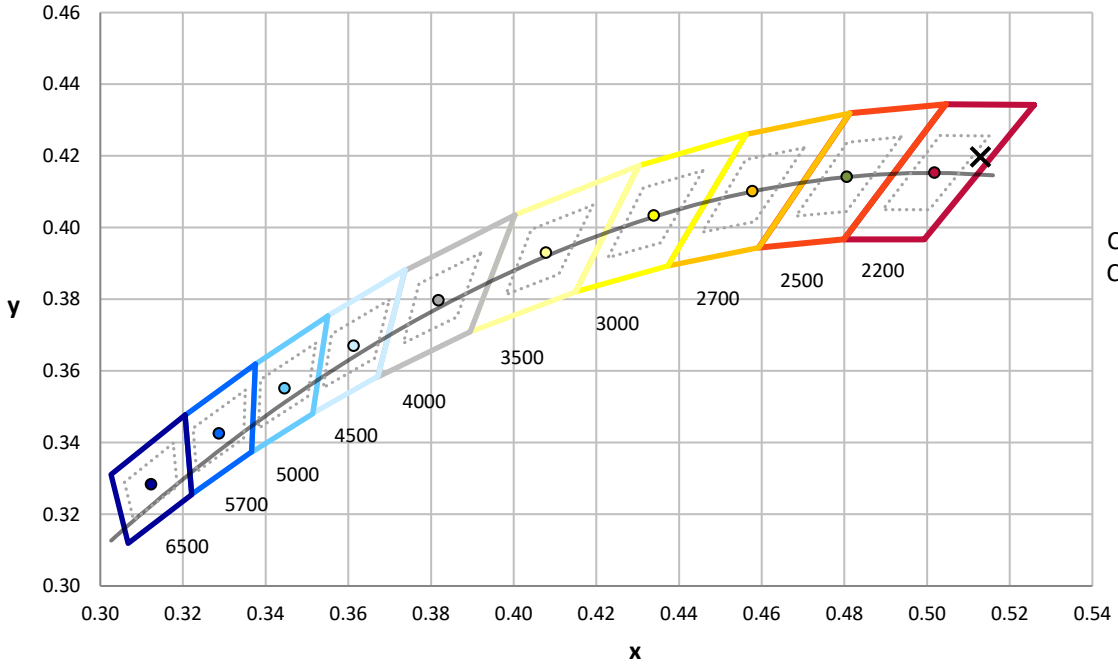
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

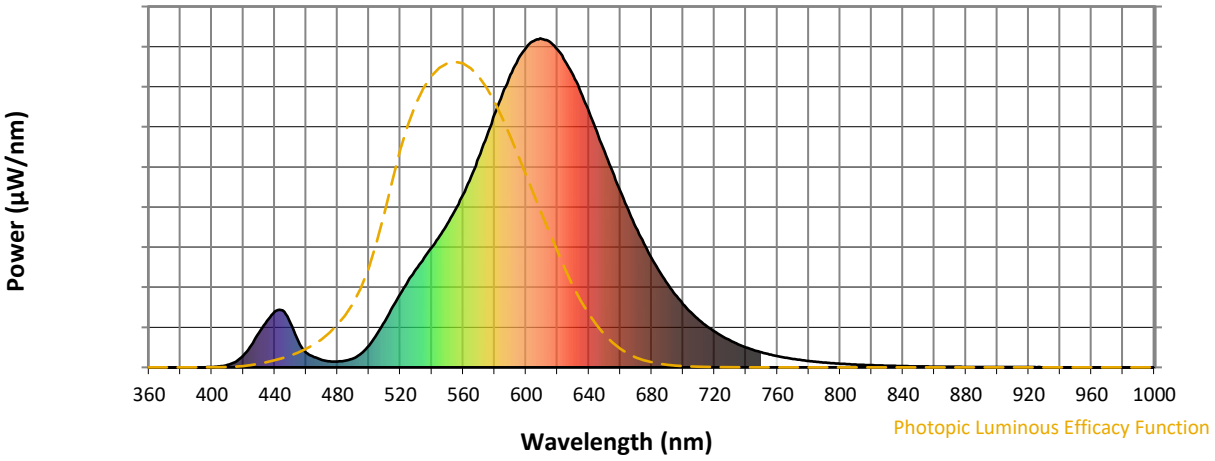


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

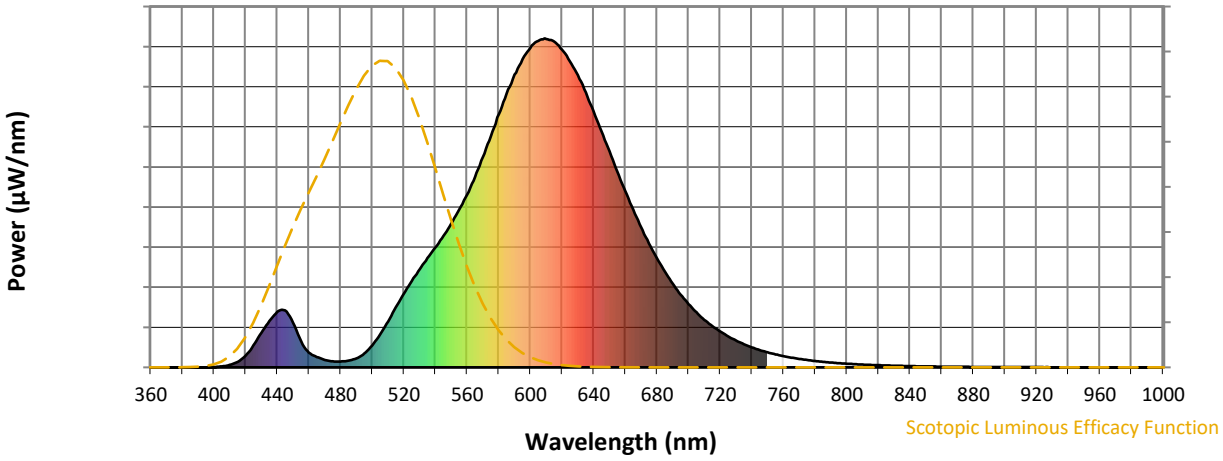


Photopic Lumens: NR

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

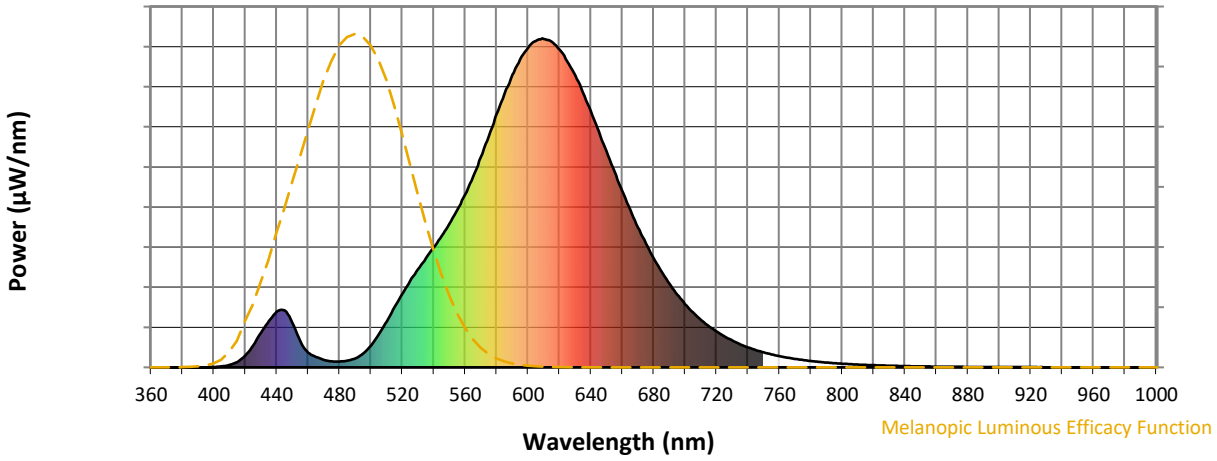


Scotopic Lumens: NR **S/P: 0.8**

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			

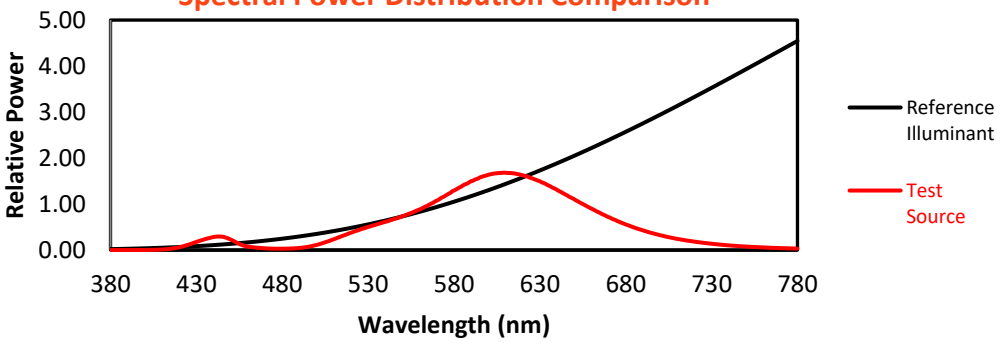
REPORT NUMBER: SP1-2407-184-2

TM-30-18

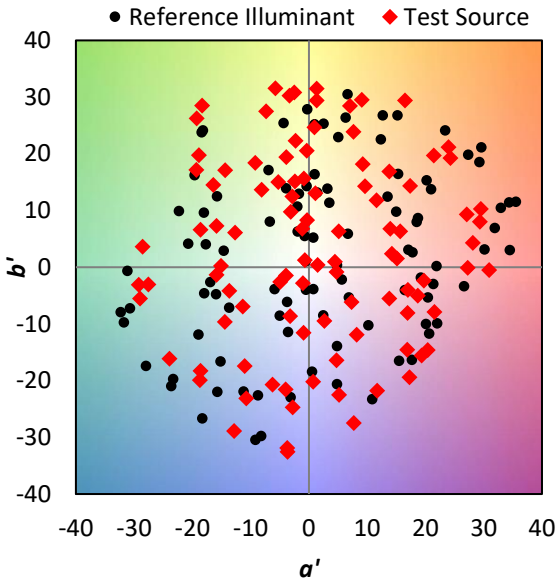
Summary

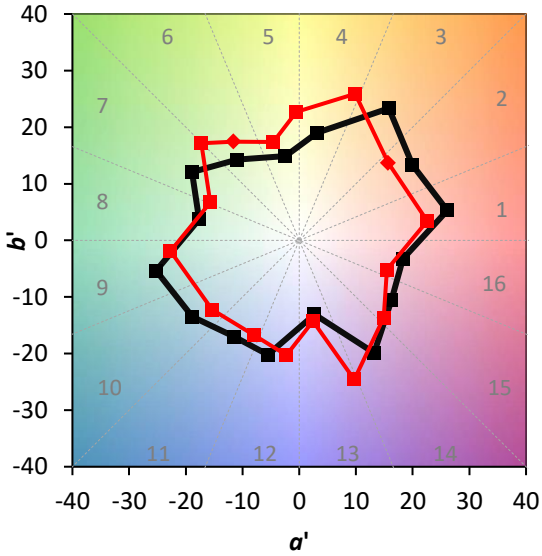
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

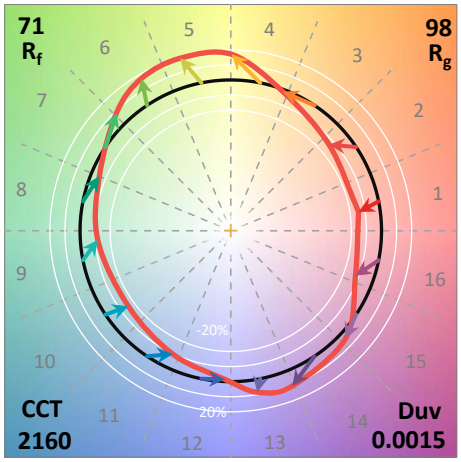
Spectral Power Distribution Comparison

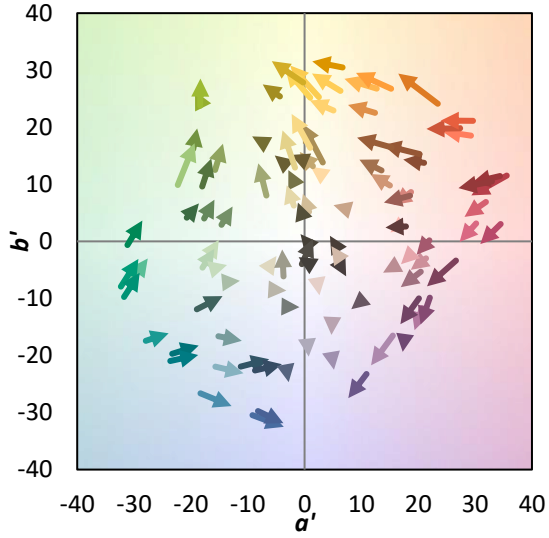


Color Vector Graphics







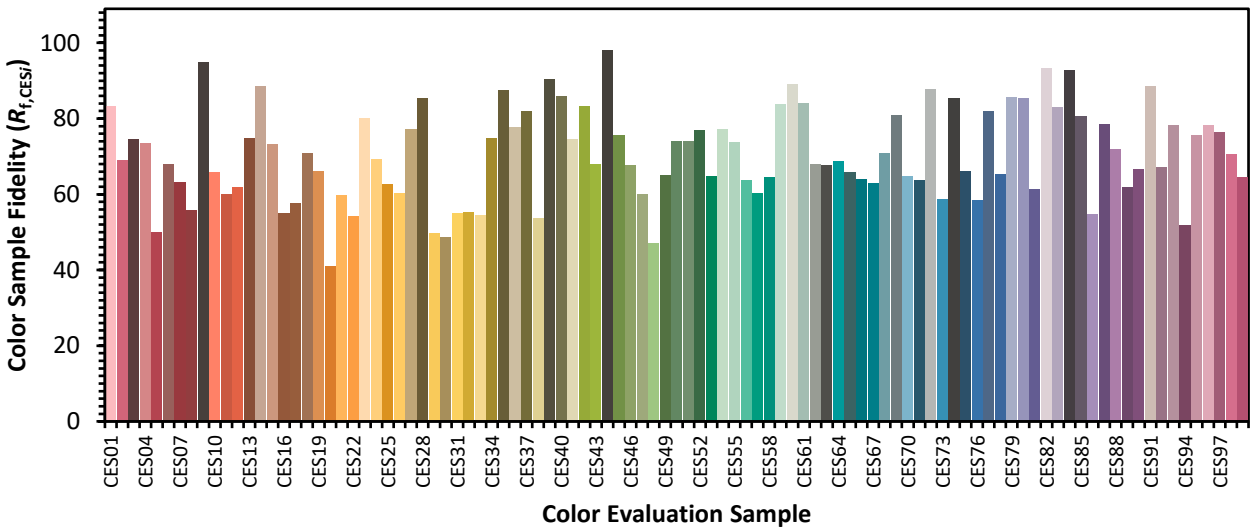


REPORT NUMBER: SP1-2407-184-2

TM-30-18

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

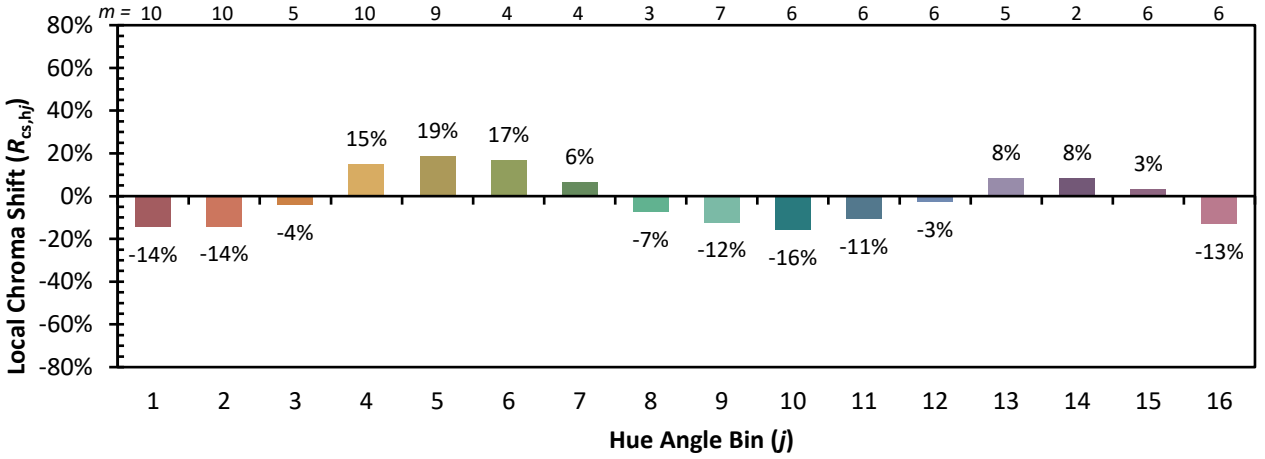
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82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

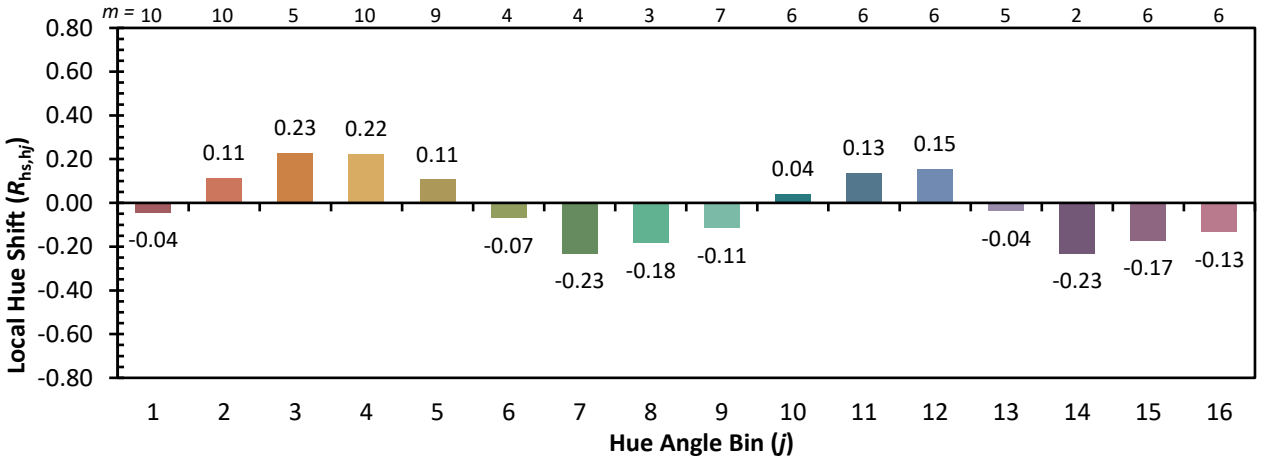


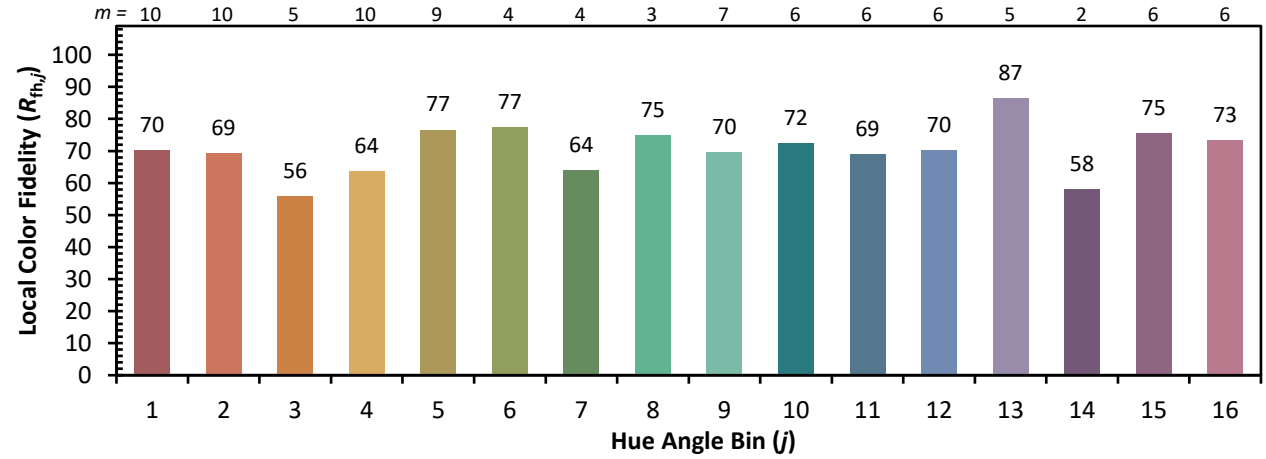
REPORT NUMBER: SP1-2407-184-2

TM-30-18

Color Rendition by Hue-Angle Bin



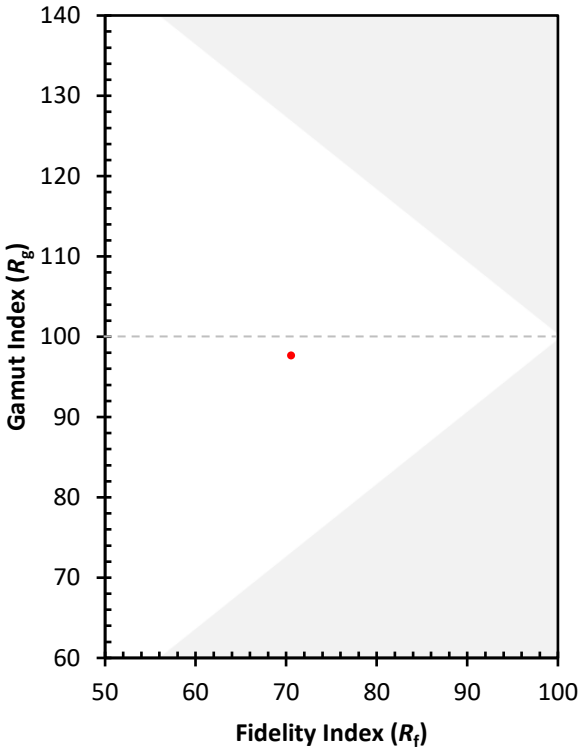


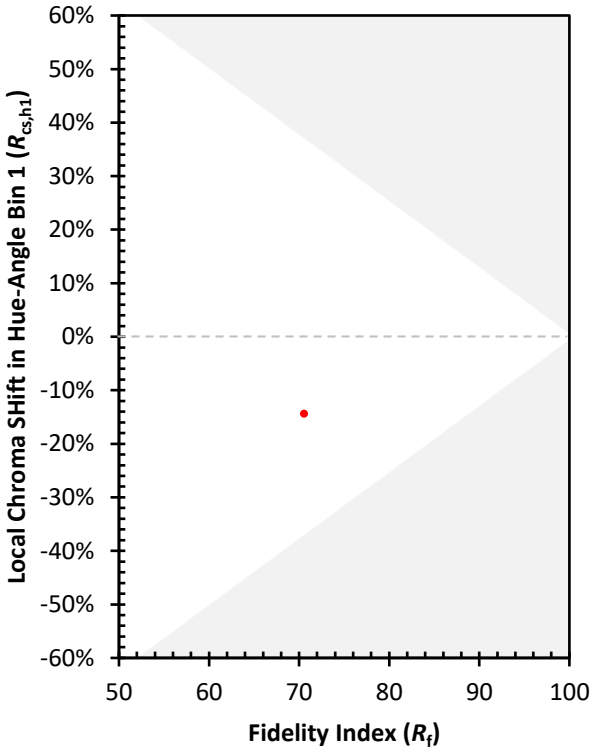


REPORT NUMBER: SP1-2407-184-2

TM-30-18

Measure Comparisons





(END OF REPORT)