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: P1500784

Luminaire Tested: GSS-SB3D-835-U-T4LG

Issue Date: 07/20/2026

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:	P1500784
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3D-835-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 219W 80CRI 3500K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(78) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	26610.2 lumens
Efficiency:	N/A
Efficacy:	121.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

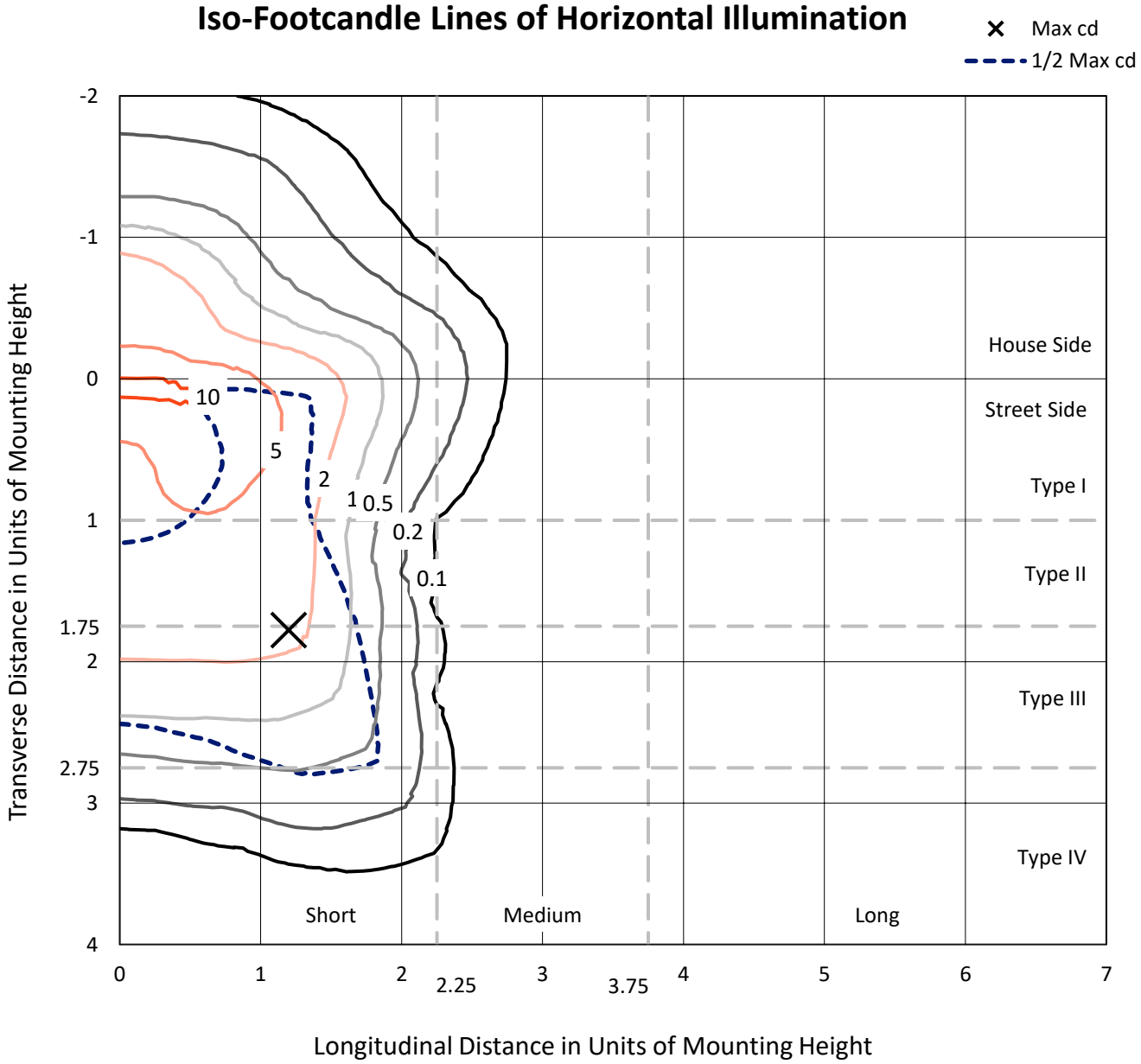
Input Watts (W):	219
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	2.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500784
CATALOG NUMBER: GSS-SB3D-835-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



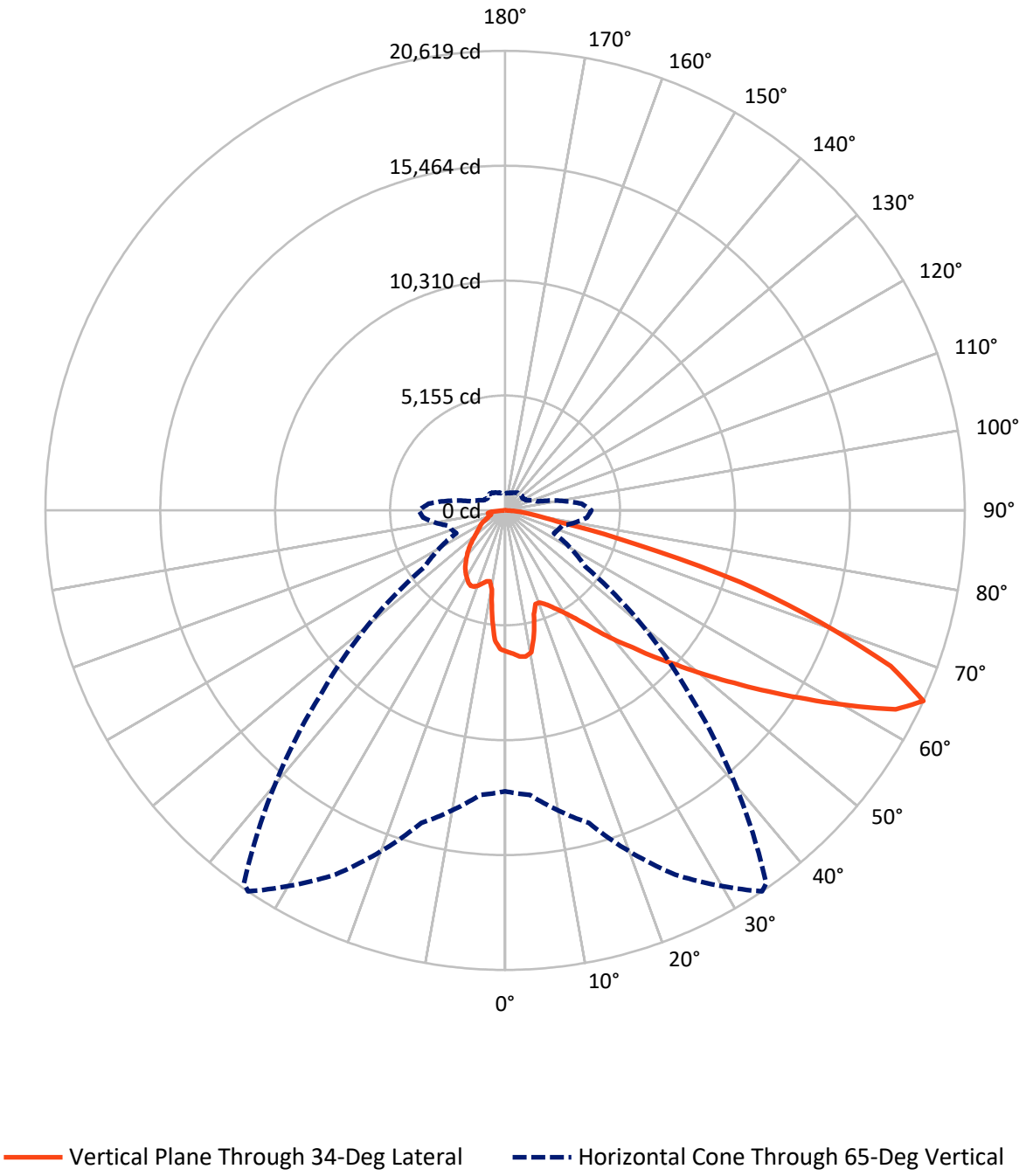
Based on 25 foot mounting height. Maximum calculated value = 10.8 fc
Type III - Short - N/A

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REPORT NUMBER: P1500784
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Luminous Intensity Polar Plot



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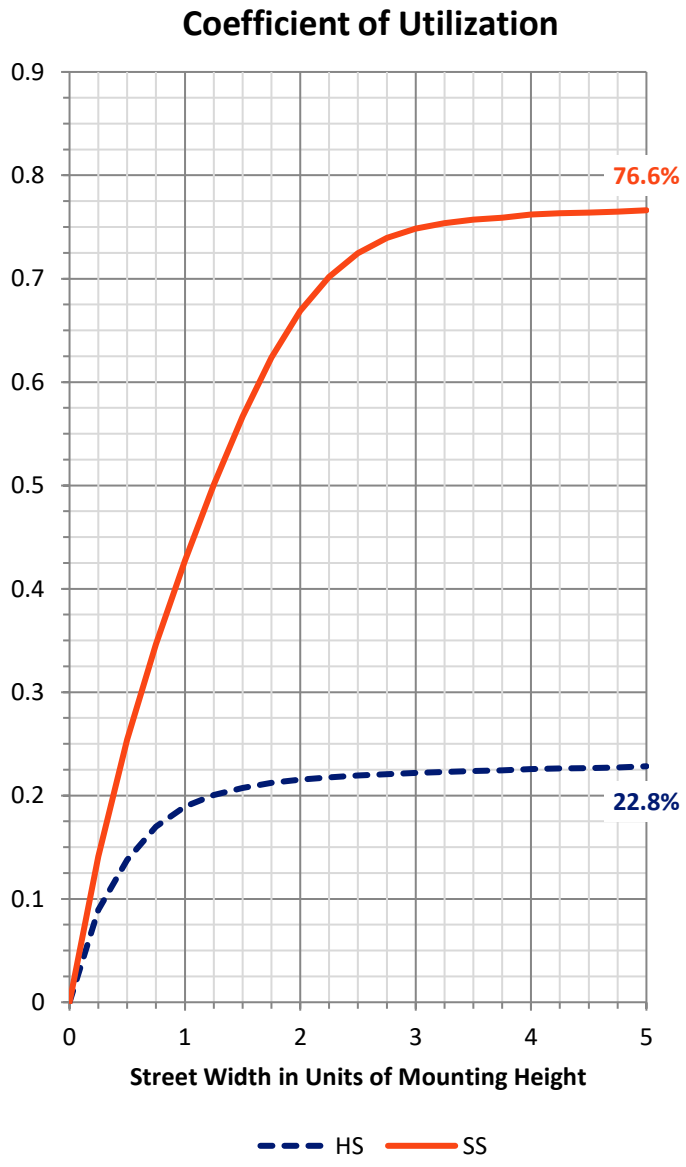
REPORT NUMBER: P1500784
CATALOG NUMBER: GSS-SB3D-835-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6191.0	0.0	6191.0
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	20419.2	0.0	20419.2
	% Fixture	76.7	0.0	76.7
Total	Lumens	26610.2	0.0	26610.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	570.3	2.1
10°-20°	1435.5	5.4
20°-30°	2379.5	8.9
30°-40°	3578.7	13.4
40°-50°	5013.6	18.8
50°-60°	6321.4	23.8
60°-70°	5436.9	20.4
70°-80°	1616.4	6.1
80°-90°	257.9	1.0
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°	26610.2	100.0
0°-180°	26610.2	100.0



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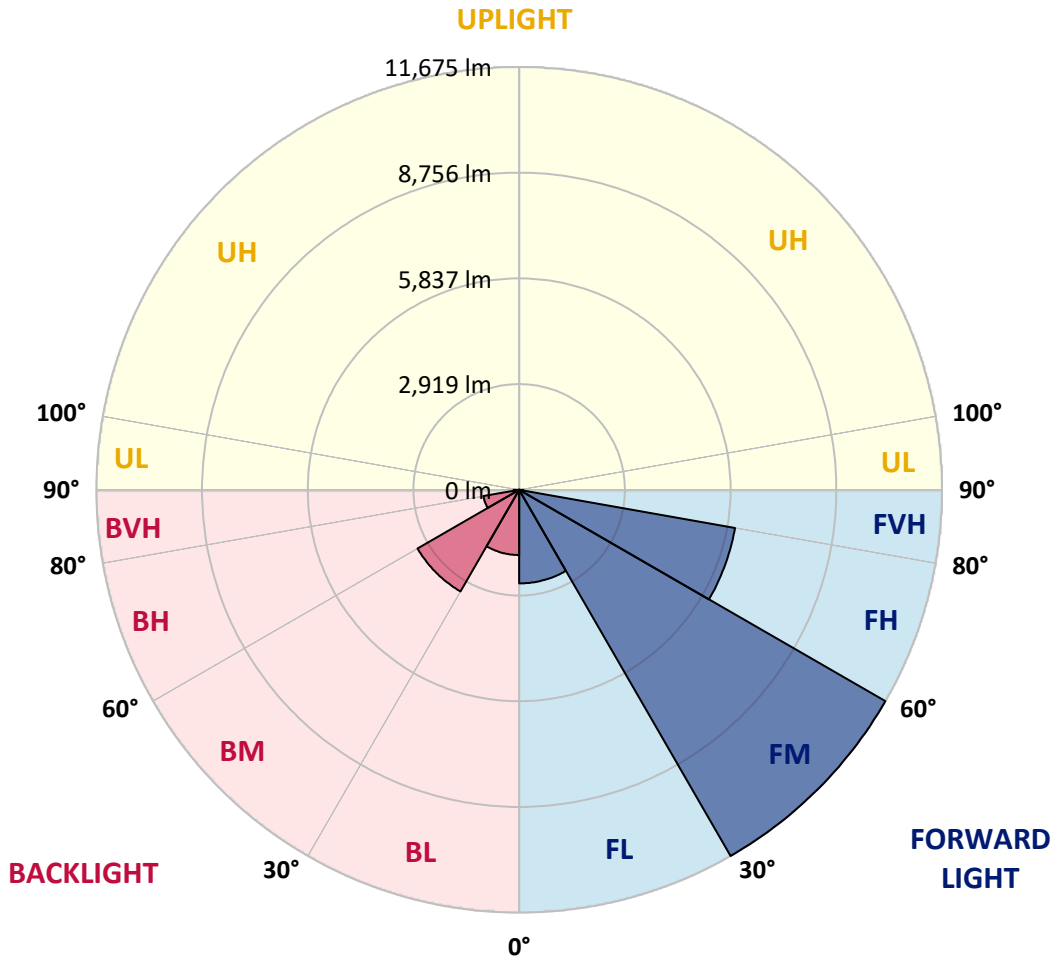
Scaled Data Report

REPORT NUMBER: P1500784
CATALOG NUMBER: GSS-SB3D-835-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2584.1	9.7			
FM	(30°-60°)	11674.7	43.9			
FH	(60°-80°)	6051.3	22.7			G3/7500
FVH	(80°-90°)	109.1	0.4			G2/225
BL	(0°-30°)	1801.3	6.8	B3/2500		
BM	(30°-60°)	3239.0	12.2	B3/5000		
BH	(60°-80°)	1002.0	3.8	B3/2500		G3/2500
BVH	(80°-90°)	148.8	0.6			G2/225
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 Short



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REPORT NUMBER: P1500784
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	6326.7	6326.7	6326.7	6326.7	6326.7	6326.7	6326.7	6326.7	6326.7	6326.7	6326.7
2.5°	6447.2	6483.4	6441.2	6423.1	6429.1	6435.2	6405.0	6411.1	6374.9	6374.9	6344.8
5°	6585.8	6591.8	6567.7	6585.8	6579.8	6573.7	6573.7	6567.7	6489.4	6471.3	6441.2
7.5°	6507.5	6531.6	6543.6	6609.9	6628.0	6664.1	6688.2	6700.3	6640.0	6591.8	6513.5
10°	5790.4	5808.5	5947.1	6248.4	6477.3	6519.5	6742.5	6869.0	6826.8	6802.7	6670.1
12.5°	4627.5	4657.7	4814.3	5206.0	5742.2	5856.7	6567.7	6995.5	7091.9	7098.0	6905.1
15°	4127.4	4127.4	4175.6	4398.6	4832.4	4922.8	5971.2	7031.7	7375.1	7417.3	7182.3
17.5°	4025.0	4019.0	4049.1	4181.6	4410.6	4464.8	5284.3	6844.9	7712.5	7784.8	7483.6
20°	4019.0	4000.9	4061.1	4211.8	4410.6	4458.8	4965.0	6519.5	7977.7	8206.6	7784.8
22.5°	4025.0	4025.0	4109.3	4326.3	4555.2	4597.4	5025.2	6248.4	8194.6	8646.5	8104.2
25°	4091.3	4079.2	4199.7	4464.8	4778.2	4808.3	5272.2	6236.3	8381.4	9140.6	8489.8
27.5°	4199.7	4205.7	4368.4	4687.8	5043.3	5103.5	5615.7	6495.4	8610.3	9682.9	8863.4
30°	4428.7	4434.7	4627.5	4952.9	5362.6	5441.0	6013.4	6881.0	8935.7	10267.3	9267.1
32.5°	4687.8	4717.9	4952.9	5332.5	5772.4	5814.5	6501.4	7459.5	9423.8	10851.8	9700.9
35°	5121.6	5151.7	5416.9	5814.5	6302.6	6362.8	7098.0	8128.3	10020.3	11442.3	10038.4
37.5°	5682.0	5706.1	5965.2	6447.2	6965.4	7025.6	7760.7	8839.3	10622.8	11912.3	10339.6
40°	6350.8	6405.0	6682.2	7152.2	7676.4	7712.5	8483.8	9526.2	11273.6	12237.6	10460.1
42.5°	7079.9	7134.1	7417.3	7935.5	8417.5	8526.0	9267.1	10255.3	11803.8	12382.2	10363.7
45°	8013.8	8001.8	8266.9	8809.2	9375.6	9417.7	10104.6	10857.8	12123.2	12261.7	10267.3
47.5°	9146.6	9158.6	9327.4	9767.2	10351.7	10448.1	10978.3	11376.0	12309.9	12165.3	10158.9
50°	10424.0	10454.1	10598.7	10918.1	11544.7	11611.0	11767.7	11737.5	12424.4	11960.5	10201.0
52.5°	11701.4	11719.5	11912.3	12249.7	12858.3	12906.5	12563.0	12014.7	11996.6	11135.0	10110.7
55°	12749.8	12743.8	13087.2	13605.4	14346.5	14316.4	13346.3	11803.8	10659.0	9851.6	9707.0
57.5°	13659.6	13695.8	14141.7	15039.5	15973.4	15949.3	14183.9	10689.1	8706.7	8333.2	9050.2
60°	14479.1	14563.5	15401.0	16744.7	17775.0	17630.4	14334.5	9008.0	6772.6	6525.5	7748.7
62.5°	14123.6	14280.3	15623.9	18245.0	19661.0	19341.6	13406.6	6977.4	4585.3	4362.4	5477.1
65°	12605.2	12816.1	14521.3	18028.1	20619.0	20420.2	11719.5	4386.5	2416.2	2651.2	3687.6
67.5°	10586.7	10839.7	12683.5	16196.3	18654.7	18226.9	9104.4	2307.7	1126.8	1747.4	2289.7
70°	5802.5	6429.1	9170.7	13774.1	14943.1	14346.5	5266.2	1090.6	819.5	1090.6	1367.8
72.5°	2181.2	2331.8	3976.8	9261.1	11068.7	10333.6	2000.4	705.0	686.9	807.4	988.2
75°	1048.4	1120.7	1729.3	4211.8	6043.5	5633.8	982.1	524.2	590.5	632.7	717.0
77.5°	626.6	674.8	1078.6	2446.3	2380.0	2187.2	602.5	403.7	476.0	451.9	421.8
80°	373.6	415.8	656.8	1391.9	1434.1	1271.4	367.6	283.2	331.4	289.2	259.1
82.5°	216.9	235.0	343.4	626.6	909.8	837.5	210.9	168.7	241.0	192.8	144.6
85°	108.5	114.5	156.7	271.1	451.9	343.4	90.4	78.3	114.5	84.4	48.2
87.5°	24.1	24.1	24.1	30.1	42.2	42.2	12.1	6.0	6.0	6.0	6.0
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: P1500784
CATALOG NUMBER: GSS-SB3D-835-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6326.7	6326.7	6326.7	6326.7	6326.7	6326.7	6326.7	6326.7	6326.7	6326.7	6326.7
2.5°	6338.7	6350.8	6308.6	6260.4	6248.4	6212.2	6224.3	6200.2	6164.0	6170.0	6176.1
5°	6399.0	6374.9	6290.5	6182.1	6085.7	5977.2	5850.7	5706.1	5603.6	5561.5	5597.6
7.5°	6453.2	6429.1	6284.5	6043.5	5718.1	5266.2	4796.2	4368.4	4073.2	3964.7	3988.8
10°	6603.9	6507.5	6242.3	5718.1	4940.8	4085.2	3609.2	3344.1	3253.7	3205.5	3211.6
12.5°	6802.7	6670.1	6164.0	5151.7	3976.8	3434.5	3265.8	3205.5	3175.4	3163.3	3175.4
15°	7043.7	6838.9	5977.2	4440.7	3530.9	3320.0	3283.9	3289.9	3289.9	3295.9	3295.9
17.5°	7254.6	6935.3	5639.8	3928.6	3440.5	3380.3	3416.4	3446.5	3446.5	3452.6	3446.5
20°	7447.4	6983.5	5206.0	3711.7	3458.6	3488.7	3573.1	3603.2	3609.2	3603.2	3603.2
22.5°	7652.3	7013.6	4772.1	3591.2	3500.8	3591.2	3681.5	3723.7	3735.8	3741.8	3747.8
25°	7851.1	6953.3	4416.6	3494.7	3482.7	3609.2	3711.7	3765.9	3777.9	3777.9	3784.0
27.5°	8050.0	6935.3	4175.6	3368.2	3398.3	3500.8	3621.3	3693.6	3741.8	3747.8	3753.8
30°	8278.9	6881.0	3946.7	3199.5	3211.6	3338.1	3464.6	3591.2	3687.6	3729.7	3729.7
32.5°	8435.6	6826.8	3741.8	3018.7	3018.7	3151.3	3308.0	3464.6	3603.2	3687.6	3705.6
35°	8586.2	6778.6	3561.0	2838.0	2844.0	2970.5	3133.2	3301.9	3476.7	3579.1	3627.3
37.5°	8664.6	6730.4	3434.5	2699.4	2675.3	2807.8	2916.3	3054.9	3241.7	3410.4	3452.6
40°	8682.6	6730.4	3422.4	2603.0	2500.6	2651.2	2699.4	2795.8	2964.5	3145.3	3211.6
42.5°	8562.1	6664.1	3482.7	2542.7	2319.8	2428.2	2482.5	2530.7	2639.1	2789.8	2844.0
45°	8417.5	6573.7	3536.9	2458.4	2096.8	2181.2	2265.6	2271.6	2319.8	2355.9	2392.1
47.5°	8297.0	6477.3	3440.5	2301.7	1867.9	1928.1	2018.5	2018.5	1994.4	1922.1	1898.0
50°	8393.4	6507.5	3277.8	2078.8	1657.0	1699.2	1795.6	1741.3	1687.1	1536.5	1518.4
52.5°	8477.8	6621.9	3085.0	1861.9	1476.2	1518.4	1614.8	1530.5	1422.0	1301.5	1283.4
55°	8339.2	6628.0	2729.5	1620.8	1349.7	1385.8	1476.2	1373.8	1271.4	1199.1	1187.0
57.5°	7923.4	6447.2	2355.9	1434.1	1241.2	1277.4	1361.7	1259.3	1162.9	1156.9	1187.0
60°	7007.6	5814.5	2012.5	1313.5	1138.8	1181.0	1265.3	1156.9	1030.3	976.1	994.2
62.5°	5290.3	4470.9	1723.3	1175.0	1042.4	1096.6	1156.9	982.1	873.7	849.6	825.5
65°	*3868.3*	*3434.5*	*1548.5*	*1066.5*	*952.0*	*1018.3*	*970.1*	*873.7*	*801.4*	*777.3*	*765.2*
67.5°	2500.6	2331.8	1331.6	964.1	867.7	921.9	855.6	807.4	729.1	717.0	735.1
70°	1530.5	1584.7	1114.7	849.6	783.3	771.3	783.3	735.1	650.7	668.8	692.9
72.5°	1084.6	1168.9	958.0	741.1	668.8	644.7	698.9	668.8	608.6	626.6	650.7
75°	777.3	867.7	789.3	608.6	566.4	554.3	650.7	668.8	626.6	638.7	656.8
77.5°	457.9	554.3	560.4	470.0	427.8	494.1	692.9	771.3	741.1	705.0	686.9
80°	295.2	331.4	397.7	301.3	301.3	427.8	759.2	940.0	807.4	717.0	705.0
82.5°	150.6	174.7	259.1	192.8	180.8	319.3	747.2	897.8	891.8	795.4	777.3
85°	42.2	54.2	120.5	84.4	72.3	168.7	560.4	674.8	602.5	439.9	445.9
87.5°	6.0	6.0	0.0	0.0	6.0	24.1	66.3	12.1	12.1	12.1	12.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

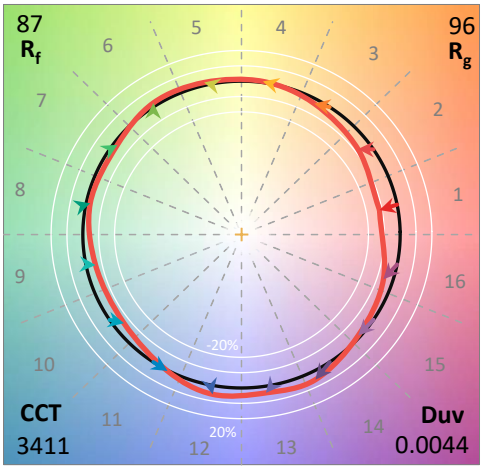
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-10
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-835-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3411
CIE u':	0.2360
CIE v':	0.5189
Duv:	0.0044
CIE x:	0.4154
CIE y:	0.4059
CIE z:	0.1787
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	579
Purity:	46.51914
Rf:	86.6
Rg:	95.9

CRI (Ra):	83.5
R1:	81.1
R2:	88.9
R3:	97.2
R4:	83.8
R5:	81.7
R6:	86.9
R7:	86.1
R8:	62.2
R9:	6.3
R10:	75.4
R11:	84.1
R12:	69.7
R13:	82.8
R14:	98.5
R15:	72.6



Test Conditions

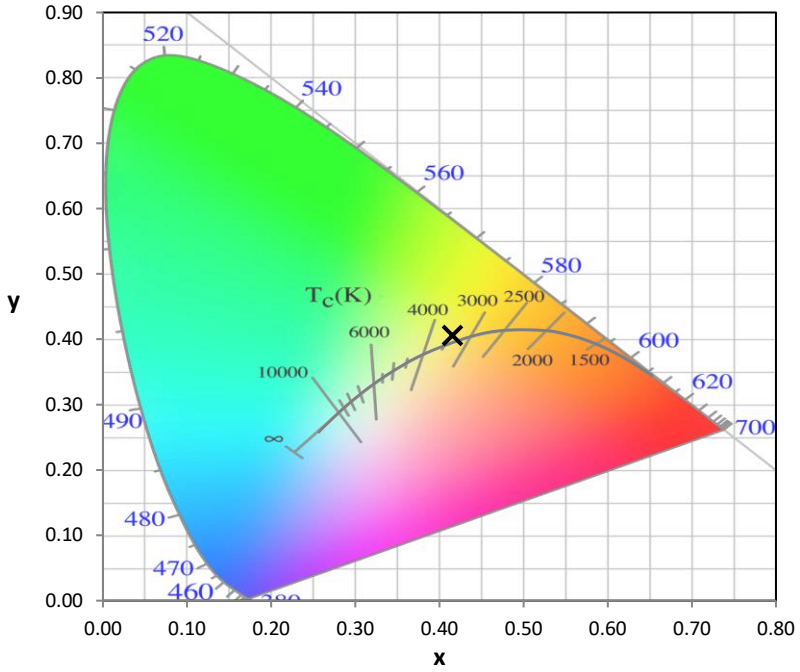
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

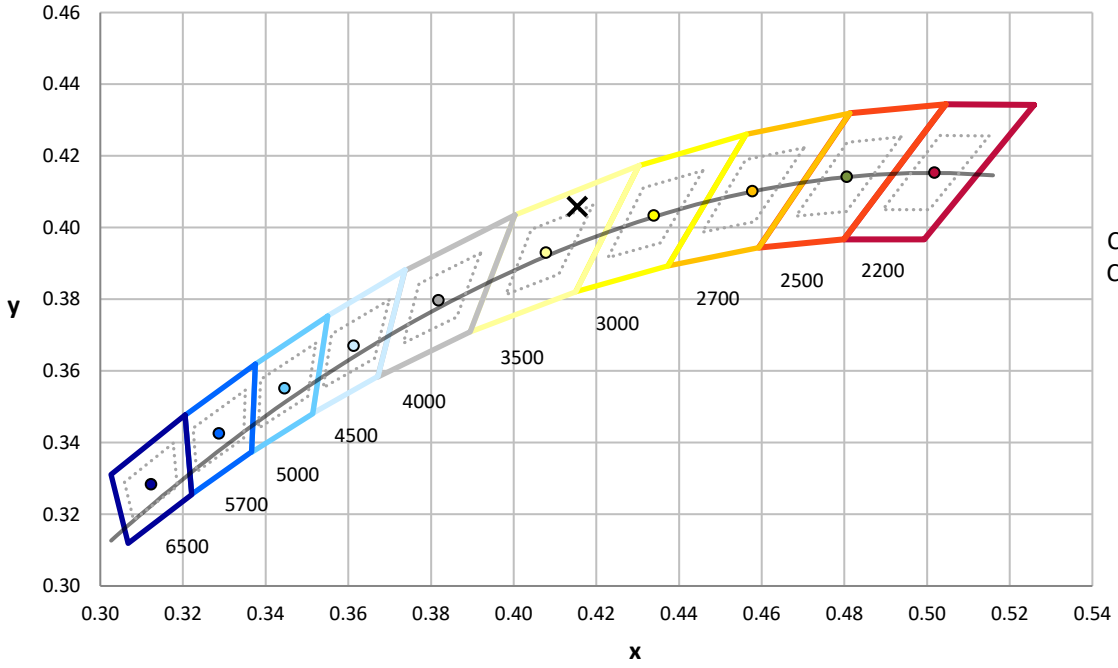
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-10

CIE 1931 Chromaticity Diagram



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

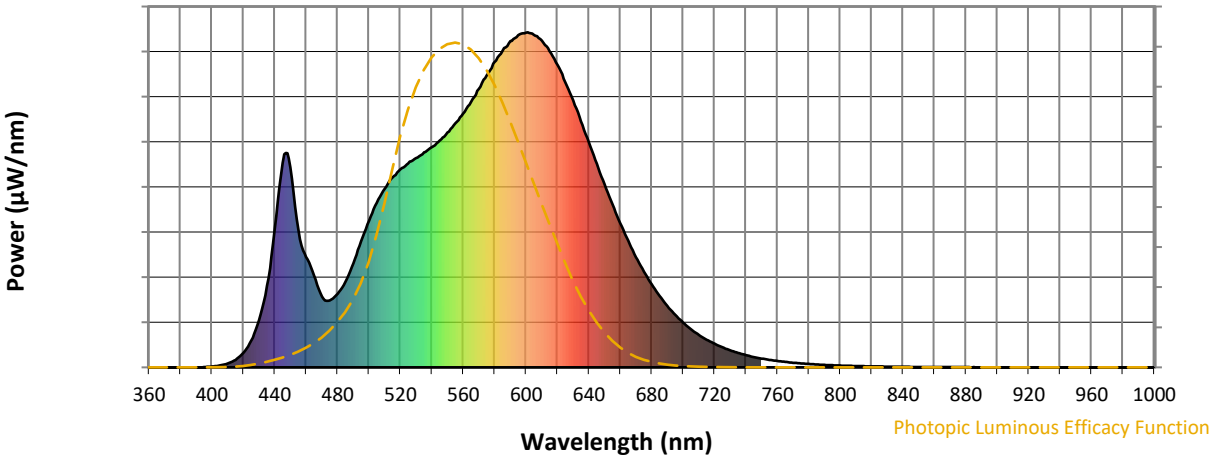


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

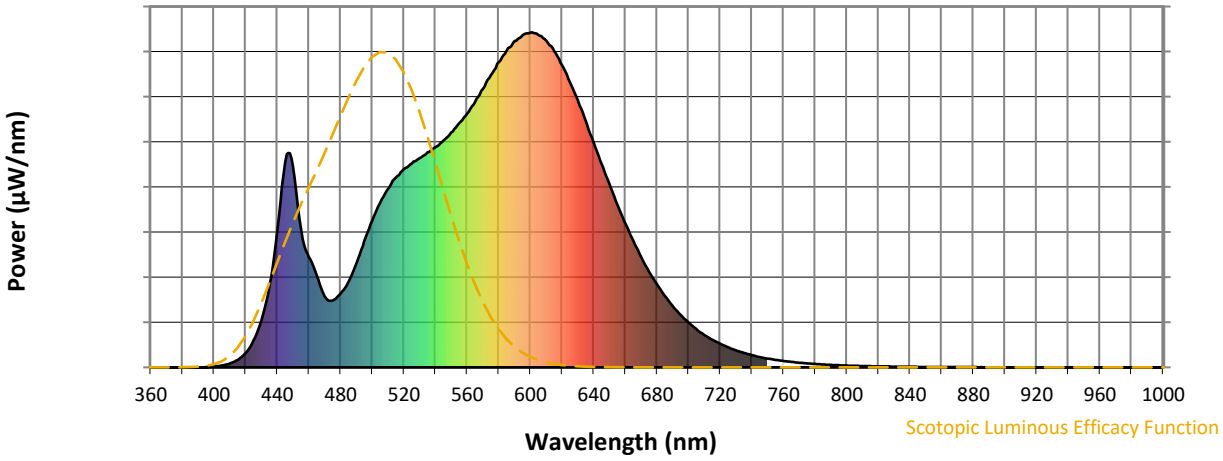


Photopic Lumens: NR

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-10

Scotopic Flux vs. Wavelength

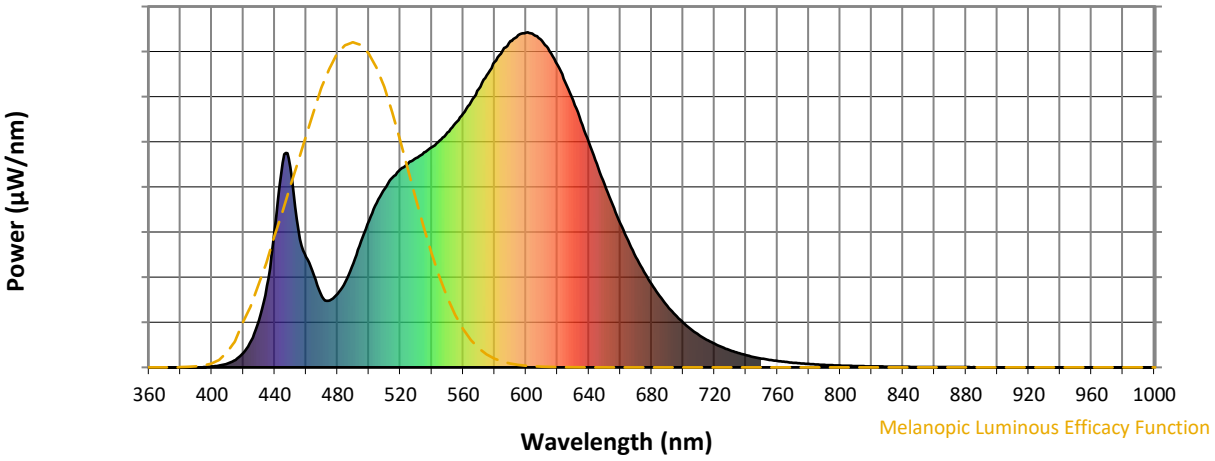


Scotopic Lumens: NR **S/P: 1.48**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-10

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.88**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

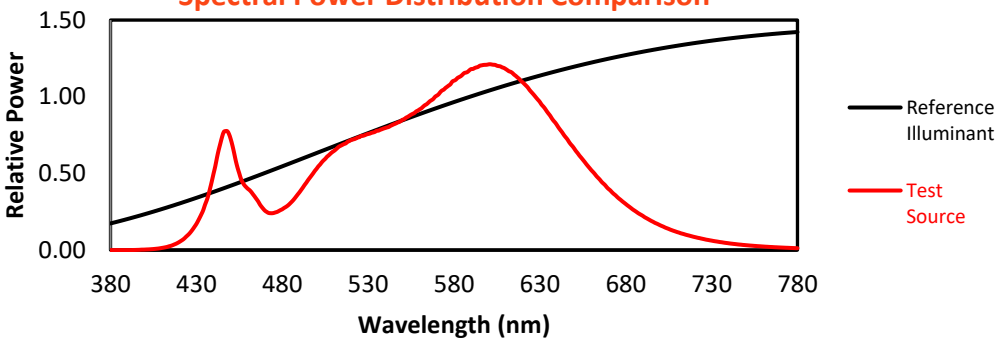
REPORT NUMBER: SP1-2407-184-10

TM-30-18

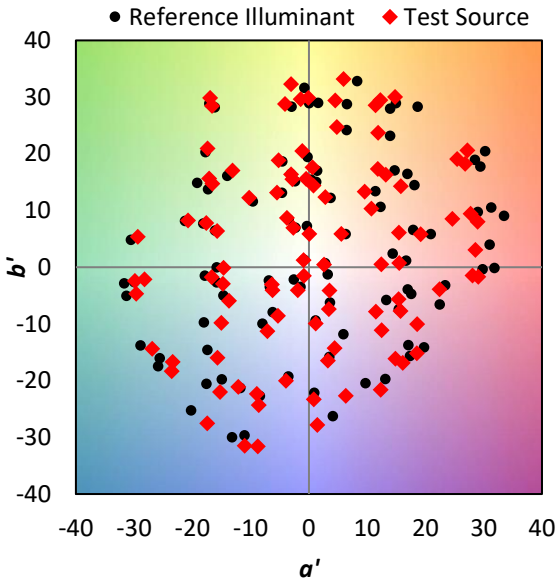
Summary

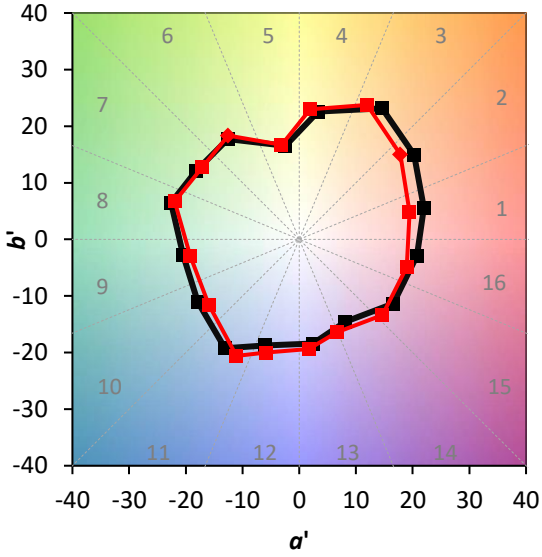
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

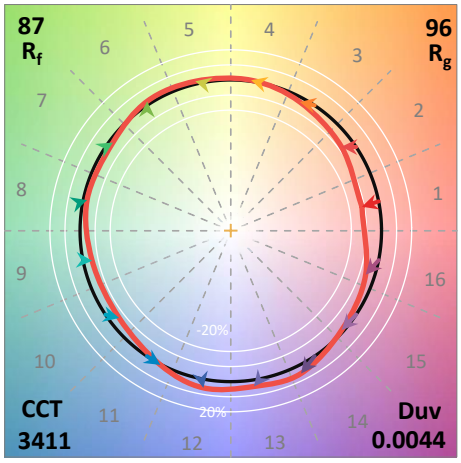
Spectral Power Distribution Comparison

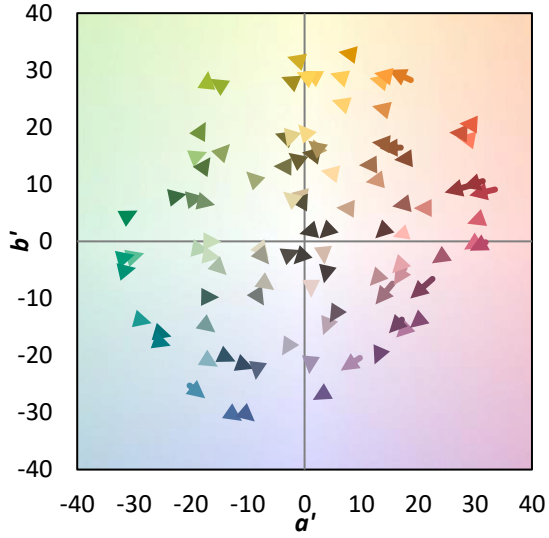


Color Vector Graphics







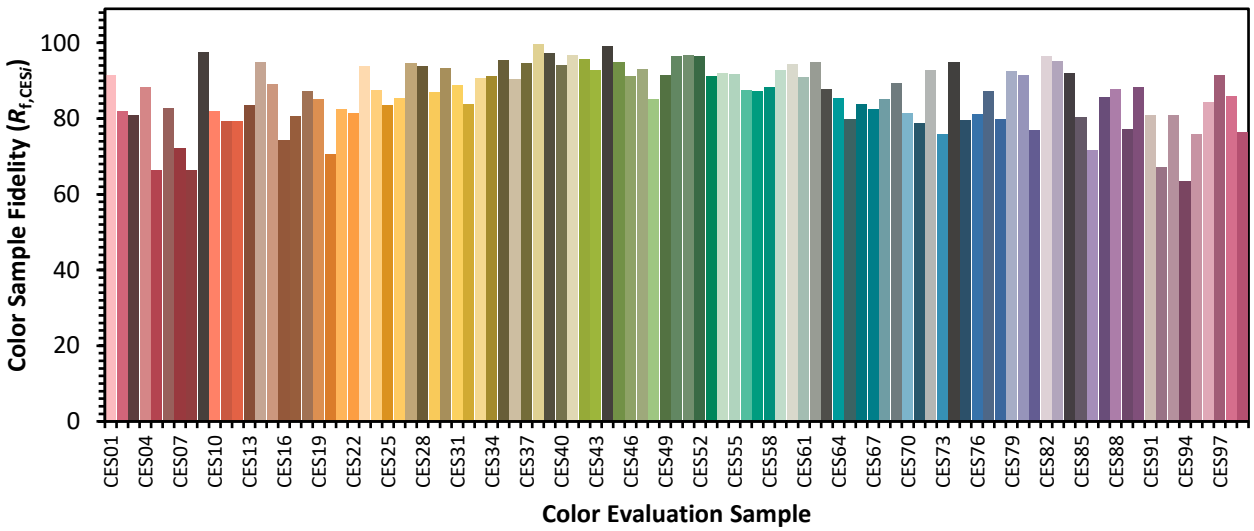


REPORT NUMBER: SP1-2407-184-10

TM-30-18

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

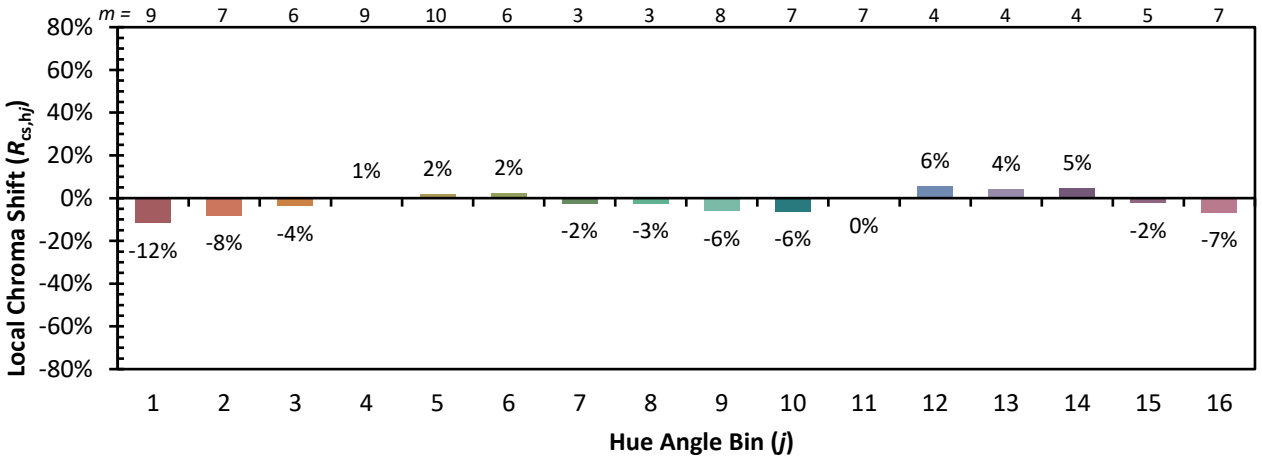
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	

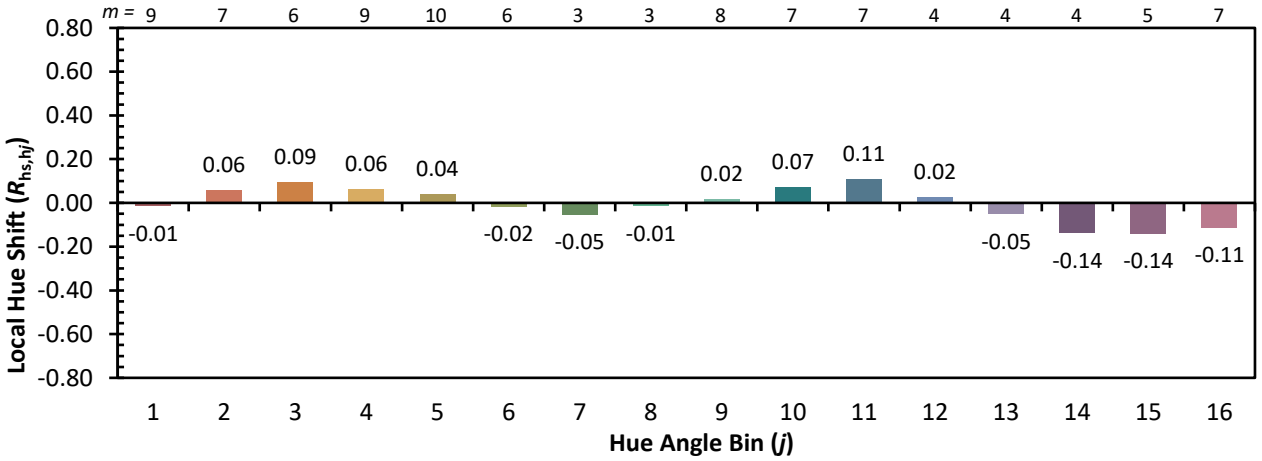


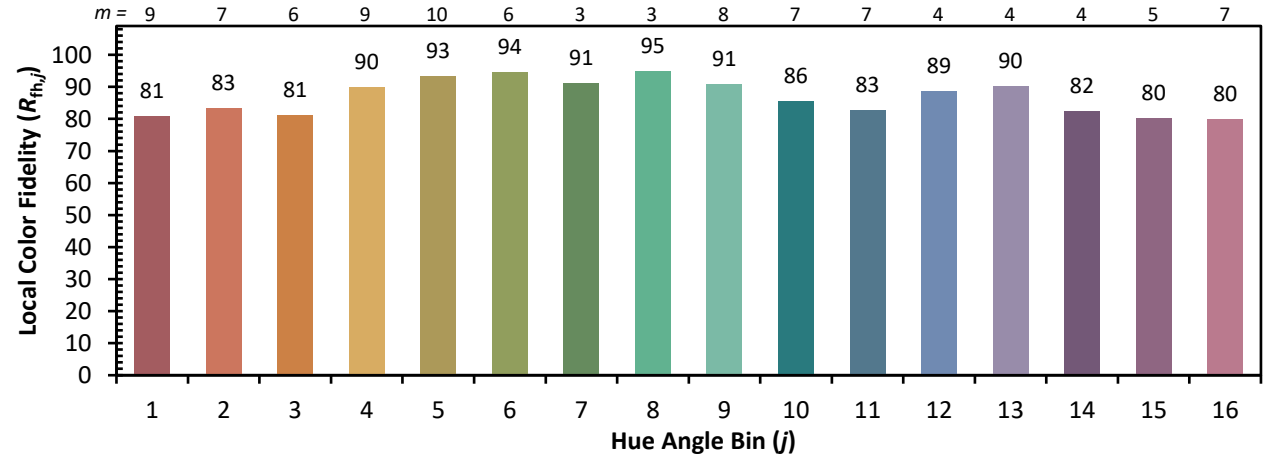
REPORT NUMBER: SP1-2407-184-10

TM-30-18

Color Rendition by Hue-Angle Bin



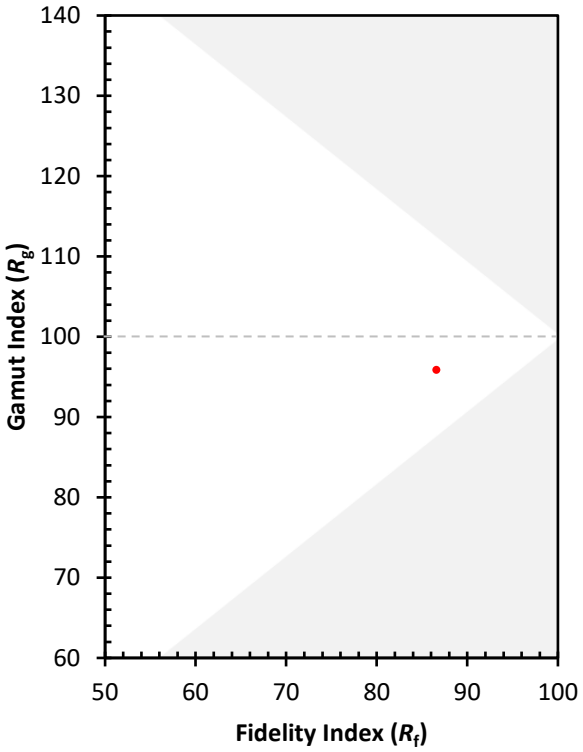


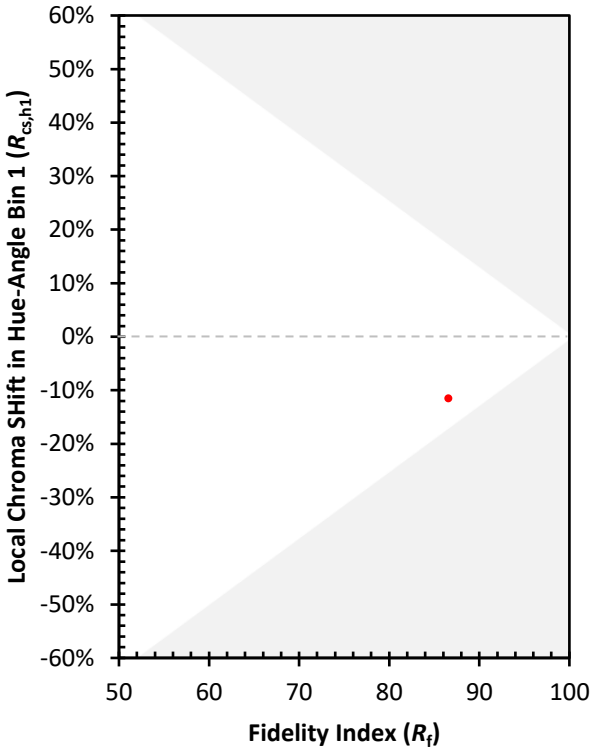


REPORT NUMBER: SP1-2407-184-10

TM-30-18

Measure Comparisons





(END OF REPORT)