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: P1357702

Luminaire Tested: **GSS-SB4D-735-U-T4FT**

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:	P1357702
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4D-735-U-T4FT
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 238W 70CRI 3500K FIXTURE w/ TYPE IV FORWARD THROW DISTRIBUTION OPTIC
Light Source:	(104) 3500K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	30286.9 lumens
Efficiency:	N/A
Efficacy:	127.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G4

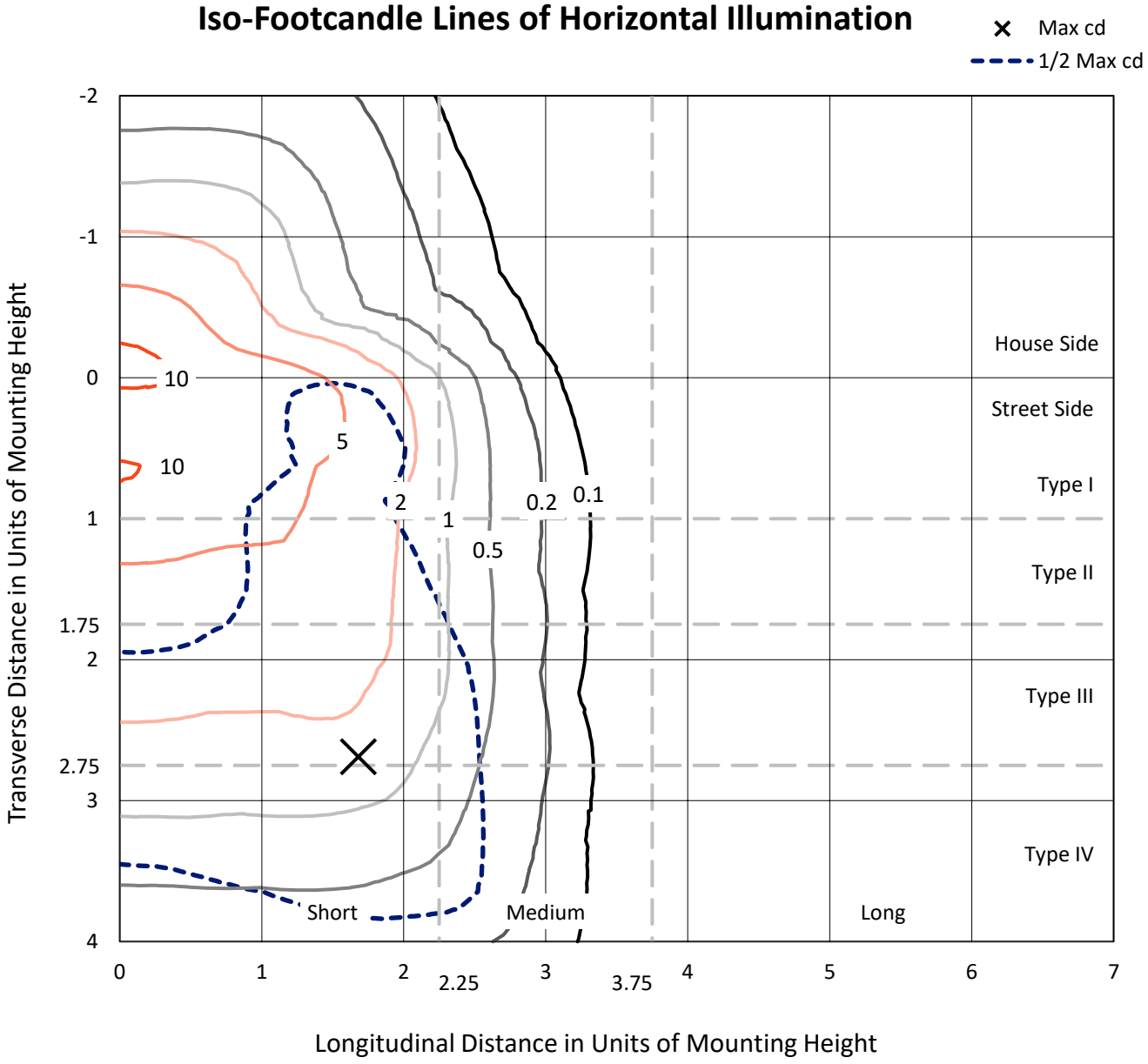
Input Watts (W):	238
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	--
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1357702
CATALOG NUMBER: GSS-SB4D-735-U-T4FT

Iso-Footcandle Lines of Horizontal Illumination



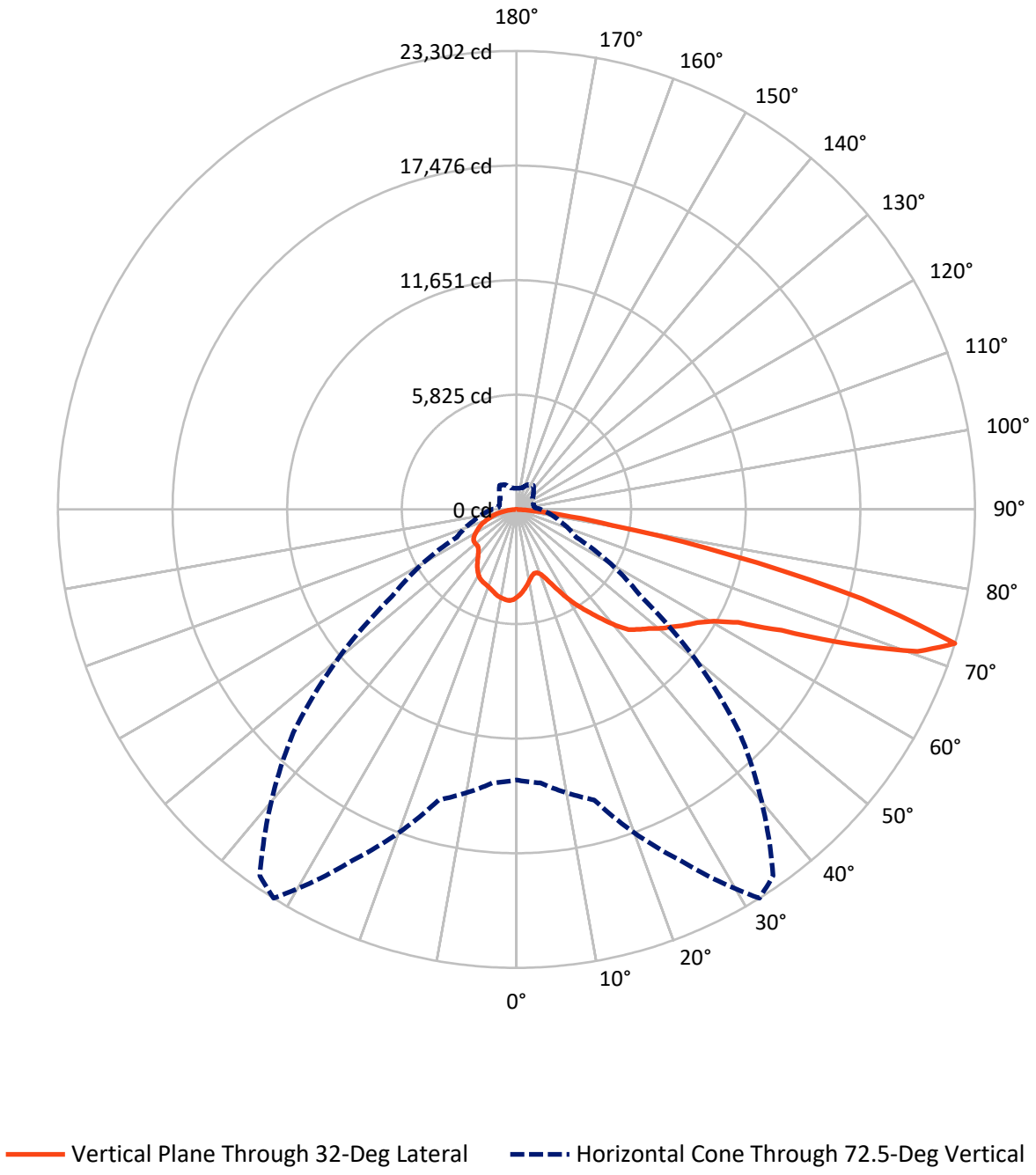
Based on 20 foot mounting height. Maximum calculated value = 11.2 fc
Type IV - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1357702
CATALOG NUMBER: GSS-SB4D-735-U-T4FT

Luminous Intensity Polar Plot



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

Scaled Data Report

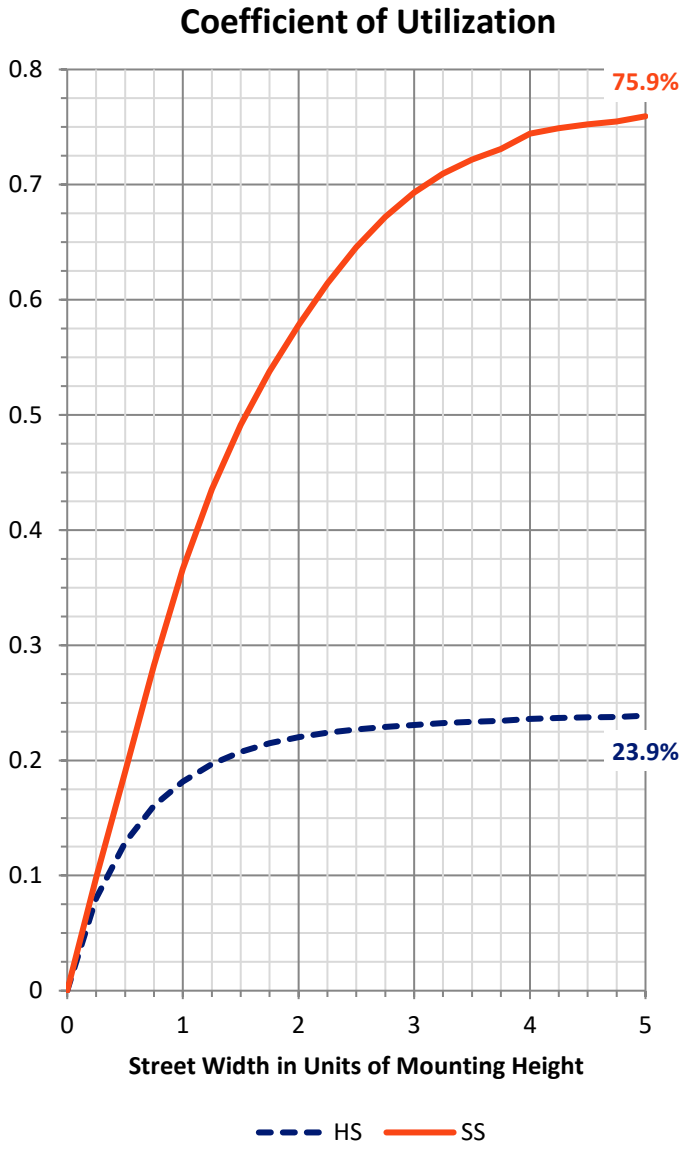
REPORT NUMBER: P1357702
CATALOG NUMBER: GSS-SB4D-735-U-T4FT

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7304.2	0.0	7304.2
	% Fixture	24.1	0.0	24.1
Street Side	Lumens	22982.7	0.0	22982.7
	% Fixture	75.9	0.0	75.9
Total	Lumens	30286.9	0.0	30286.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	416.1	1.4
10°-20°	1180.6	3.9
20°-30°	2045.6	6.8
30°-40°	3231.2	10.7
40°-50°	4709.4	15.5
50°-60°	6384.0	21.1
60°-70°	7347.3	24.3
70°-80°	4597.6	15.2
80°-90°	375.1	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°	30286.9	100.0
0°-180°	30286.9	100.0



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

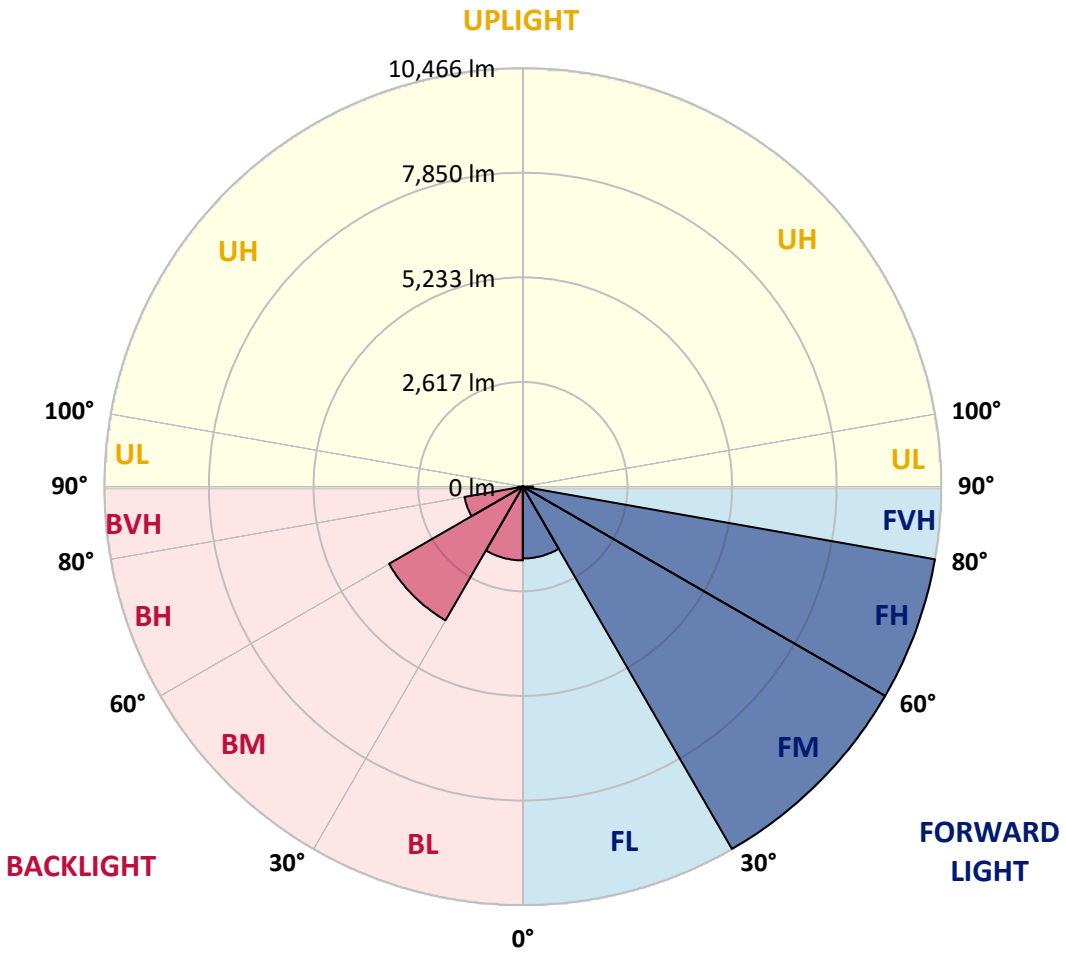
Scaled Data Report

REPORT NUMBER: P1357702
CATALOG NUMBER: GSS-SB4D-735-U-T4FT

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1796.6	5.9			
FM	(30°-60°)	10462.2	34.5			
FH	(60°-80°)	10466.2	34.6			G4/12000
FVH	(80°-90°)	257.7	0.9			G3/500
BL	(0°-30°)	1845.6	6.1	B3/2500		
BM	(30°-60°)	3862.4	12.8	B3/5000		
BH	(60°-80°)	1478.8	4.9	B3/2500		G3/2500
BVH	(80°-90°)	117.4	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 IV Short



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

Scaled Data Report

REPORT NUMBER: P1357702
CATALOG NUMBER: GSS-SB4D-735-U-T4FT

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	4448.7	4448.7	4448.7	4448.7	4448.7	4448.7	4448.7	4448.7	4448.7	4448.7	4448.7
2.5°	4260.7	4253.8	4288.6	4274.7	4302.5	4288.6	4288.6	4330.4	4365.2	4413.9	4448.7
5°	4024.0	4031.0	4024.0	4093.6	4093.6	4100.6	4156.3	4267.7	4351.2	4406.9	4441.7
7.5°	3717.7	3731.6	3759.5	3836.1	3884.8	3919.6	4024.0	4142.4	4281.6	4386.0	4511.4
10°	3467.1	3446.2	3508.8	3592.4	3662.0	3696.8	3870.9	4058.8	4246.8	4420.9	4525.3
12.5°	3286.1	3286.1	3320.9	3397.4	3474.0	3529.7	3724.7	3954.4	4205.0	4420.9	4615.8
15°	3251.2	3265.2	3279.1	3306.9	3376.6	3404.4	3592.4	3877.8	4156.3	4483.5	4678.5
17.5°	3369.6	3355.7	3341.8	3355.7	3383.5	3397.4	3536.7	3815.2	4128.5	4490.5	4713.3
20°	3689.9	3662.0	3641.1	3536.7	3515.8	3529.7	3585.4	3794.3	4135.4	4587.9	4859.5
22.5°	4135.4	4149.3	4065.8	3891.7	3808.2	3801.2	3731.6	3870.9	4177.2	4664.5	4984.8
25°	4775.9	4713.3	4629.7	4420.9	4246.8	4184.2	4038.0	4031.0	4267.7	4803.8	5165.8
27.5°	5423.4	5388.6	5256.3	4963.9	4769.0	4678.5	4413.9	4281.6	4400.0	4970.9	5374.7
30°	6147.4	6147.4	5931.6	5604.4	5346.8	5179.7	4866.4	4615.8	4622.8	5193.6	5674.0
32.5°	6892.4	6850.6	6641.7	6161.4	5903.8	5736.7	5319.0	5061.4	4977.8	5506.9	6084.8
35°	7428.4	7442.4	7247.4	6822.7	6453.8	6293.6	5917.7	5625.3	5437.3	5945.5	6606.9
37.5°	7915.8	7929.7	7811.3	7393.6	7066.4	6906.3	6481.6	6279.7	5994.3	6572.1	7233.5
40°	8159.4	8124.6	8089.8	7936.7	7748.7	7623.4	7184.8	6920.2	6669.6	7247.4	7915.8
42.5°	8340.5	8340.5	8284.8	8354.4	8354.4	8270.8	7929.7	7693.0	7442.4	8187.3	8639.8
45°	8549.3	8458.8	8458.8	8521.5	8695.5	8751.2	8779.1	8556.3	8326.5	9120.2	9426.5
47.5°	8765.1	8786.0	8730.3	8806.9	9050.6	9294.2	9656.3	9454.4	9203.7	10227.2	10317.7
50°	9036.7	9064.5	9064.5	9231.6	9503.1	9788.5	10679.7	10470.8	10053.1	11480.3	11299.3
52.5°	9106.3	9120.2	9329.1	9517.0	9913.9	10303.7	11703.1	11403.7	10958.2	12622.1	12155.6
55°	8981.0	9085.4	9461.3	9823.4	10394.2	10860.7	12677.8	12301.8	11619.6	13492.3	12830.9
57.5°	9266.4	9308.2	9656.3	10067.0	10860.7	11459.4	13638.5	13102.5	12079.0	14209.4	13102.5
60°	9872.1	9844.2	10150.6	10610.1	11529.0	12301.8	14675.9	13784.7	12461.9	14327.8	12566.4
62.5°	11229.7	11090.4	11201.8	11619.6	12649.9	13701.2	15741.0	14341.7	12225.2	13158.1	10756.3
65°	13067.6	13025.9	12956.3	13394.9	14808.1	15706.2	17070.8	14223.3	11041.7	11104.4	8646.8
67.5°	14710.7	14766.4	14724.6	15894.2	18268.2	19089.8	18484.1	13367.0	9148.0	7922.7	5562.6
70°	15344.2	15455.6	16193.6	18421.4	21623.9	22577.7	19124.6	11187.9	6335.4	4281.6	2736.1
72.5°	13756.9	13958.8	15288.5	19681.5	23301.8	22737.8	16033.4	7720.8	3341.8	2255.7	1524.7
75°	9510.1	9718.9	11737.9	16506.9	18129.0	17203.1	9844.2	3327.8	1726.6	1315.8	939.9
77.5°	3731.6	4274.7	5597.4	9210.7	11111.3	10902.5	4664.5	1148.7	960.8	800.6	612.7
80°	1253.2	1420.2	2081.6	3634.2	4929.1	5207.6	1698.7	584.8	557.0	487.3	382.9
82.5°	452.5	508.2	891.1	1371.5	2248.7	2262.6	550.0	313.3	341.1	292.4	201.9
85°	153.2	167.1	208.9	424.7	550.0	591.8	153.2	118.4	139.2	125.3	90.5
87.5°	13.9	13.9	13.9	20.9	20.9	20.9	20.9	27.8	27.8	20.9	20.9
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: P1357702
CATALOG NUMBER: GSS-SB4D-735-U-T4FT

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4448.7	4448.7	4448.7	4448.7	4448.7	4448.7	4448.7	4448.7	4448.7	4448.7	4448.7
2.5°	4455.7	4476.6	4490.5	4518.3	4553.1	4560.1	4587.9	4594.9	4581.0	4594.9	4581.0
5°	4497.4	4532.3	4560.1	4601.9	4629.7	4664.5	4657.6	4636.7	4636.7	4601.9	4657.6
7.5°	4553.1	4601.9	4622.8	4664.5	4671.5	4650.6	4622.8	4615.8	4546.2	4546.2	4560.1
10°	4629.7	4671.5	4692.4	4706.3	4664.5	4629.7	4574.0	4539.2	4511.4	4483.5	4490.5
12.5°	4685.4	4727.2	4727.2	4678.5	4629.7	4574.0	4525.3	4455.7	4434.8	4400.0	4400.0
15°	4720.2	4789.8	4741.1	4664.5	4567.1	4490.5	4413.9	4351.2	4323.4	4316.4	4344.3
17.5°	4810.7	4845.5	4727.2	4594.9	4490.5	4386.0	4302.5	4253.8	4219.0	4212.0	4267.7
20°	4915.2	4887.3	4685.4	4518.3	4400.0	4260.7	4191.1	4177.2	4163.3	4205.0	4205.0
22.5°	5019.6	4970.9	4643.6	4455.7	4267.7	4170.2	4107.6	4149.3	4156.3	4184.2	4212.0
25°	5172.8	5054.4	4629.7	4358.2	4114.5	4044.9	4051.9	4107.6	4121.5	4121.5	4135.4
27.5°	5339.8	5193.6	4636.7	4212.0	3961.4	3940.5	3989.2	4010.1	4031.0	4010.1	4017.1
30°	5576.5	5339.8	4601.9	4044.9	3829.1	3863.9	3891.7	3884.8	3794.3	3773.4	3787.3
32.5°	5924.6	5541.7	4574.0	3912.6	3759.5	3759.5	3731.6	3648.1	3557.6	3474.0	3501.9
35°	6321.5	5792.4	4469.6	3808.2	3689.9	3662.0	3550.6	3411.4	3244.3	3146.8	3153.8
37.5°	6739.2	6022.1	4358.2	3689.9	3578.5	3508.8	3348.7	3132.9	2965.8	2868.3	2854.4
40°	7282.2	6279.7	4191.1	3529.7	3425.3	3313.9	3132.9	2896.2	2729.1	2652.5	2694.3
42.5°	7832.2	6579.1	3996.2	3306.9	3223.4	3153.8	2951.9	2722.1	2562.0	2513.3	2541.1
45°	8444.9	6885.4	3794.3	3042.4	3000.6	2986.7	2812.6	2631.6	2492.4	2422.8	2415.8
47.5°	9071.5	7205.7	3515.8	2805.7	2784.8	2875.3	2743.0	2589.9	2471.5	2360.1	2353.2
50°	9774.6	7518.9	3139.9	2506.3	2603.8	2812.6	2763.9	2596.8	2394.9	2220.9	2193.0
52.5°	10401.2	7630.3	2743.0	2269.6	2464.5	2819.6	2784.8	2555.0	2290.5	2081.6	2053.8
55°	10825.9	7442.4	2401.9	2060.7	2360.1	2770.9	2756.9	2492.4	2186.1	1963.3	1935.4
57.5°	10853.7	6892.4	2074.7	1886.7	2193.0	2631.6	2673.4	2367.1	2025.9	1838.0	1817.1
60°	10185.4	5987.3	1810.1	1733.5	2012.0	2450.6	2520.2	2193.0	1879.7	1677.8	1663.9
62.5°	8688.6	4789.8	1559.5	1566.4	1838.0	2206.9	2339.2	2046.8	1733.5	1538.6	1517.7
65°	6913.2	3662.0	1385.4	1420.2	1615.2	1970.2	2172.1	1900.6	1587.3	1399.4	1371.5
67.5°	4643.6	2527.2	1197.5	1267.1	1399.4	1726.6	2005.1	1747.5	1406.3	1253.2	1232.3
70°	2213.9	1469.0	1030.4	1113.9	1197.5	1462.0	1761.4	1531.6	1260.1	1134.8	1127.8
72.5°	*1232.3*	*939.9*	*891.1*	*953.8*	*1002.5*	*1225.3*	*1489.9*	*1385.4*	*1127.8*	*1079.1*	*1072.1*
75°	786.7	668.4	710.1	786.7	814.6	967.7	1288.0	1239.2	1016.4	1044.3	1044.3
77.5°	487.3	459.5	543.0	612.7	633.5	793.7	1058.2	1051.3	849.4	835.4	738.0
80°	313.3	306.3	389.9	396.8	431.6	605.7	842.4	807.6	640.5	584.8	550.0
82.5°	167.1	174.0	236.7	250.6	243.7	369.0	577.8	570.9	473.4	410.8	389.9
85°	62.7	62.7	90.5	111.4	118.4	188.0	306.3	313.3	257.6	194.9	201.9
87.5°	13.9	13.9	13.9	20.9	20.9	41.8	55.7	62.7	69.6	34.8	20.9
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

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

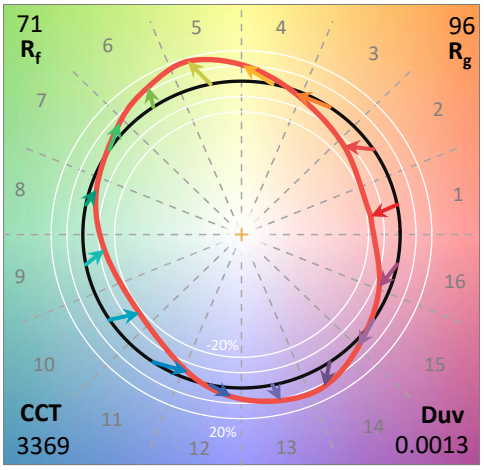
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-5
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-735-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3369
CIE u':	0.2386
CIE v':	0.5156
Duv:	0.0013
CIE x:	0.4143
CIE y:	0.3980
CIE z:	0.1877
Peak Wavelength (nm):	590
Dominant Wavelength (nm):	580
Purity:	43.80166
Rf:	71.4
Rg:	96

CRI (Ra):	70.1
R1:	66.6
R2:	77.6
R3:	88.5
R4:	69.5
R5:	66.4
R6:	69.6
R7:	77.5
R8:	44.9
R9:	-40.2
R10:	49.1
R11:	66.3
R12:	45.7
R13:	68.0
R14:	93.4
R15:	57.6



Test Conditions

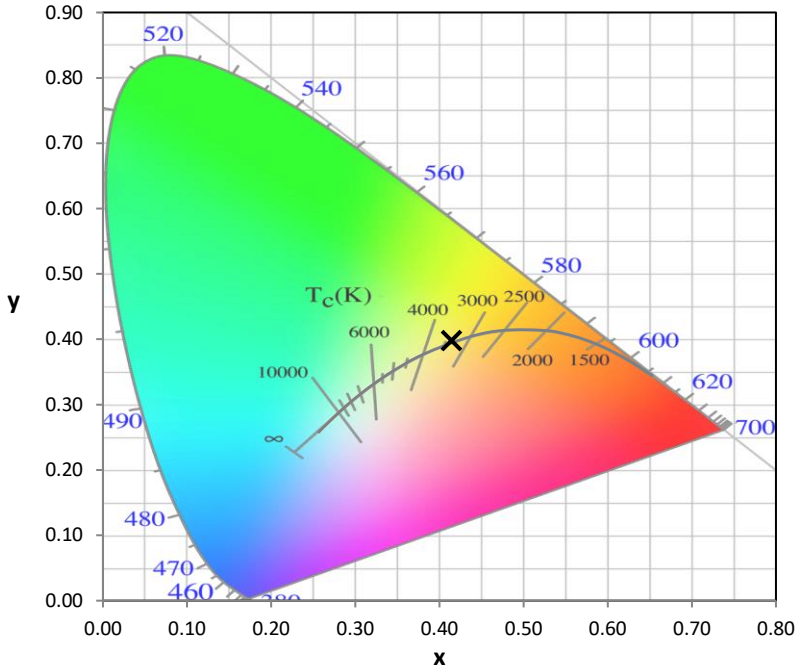
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-5

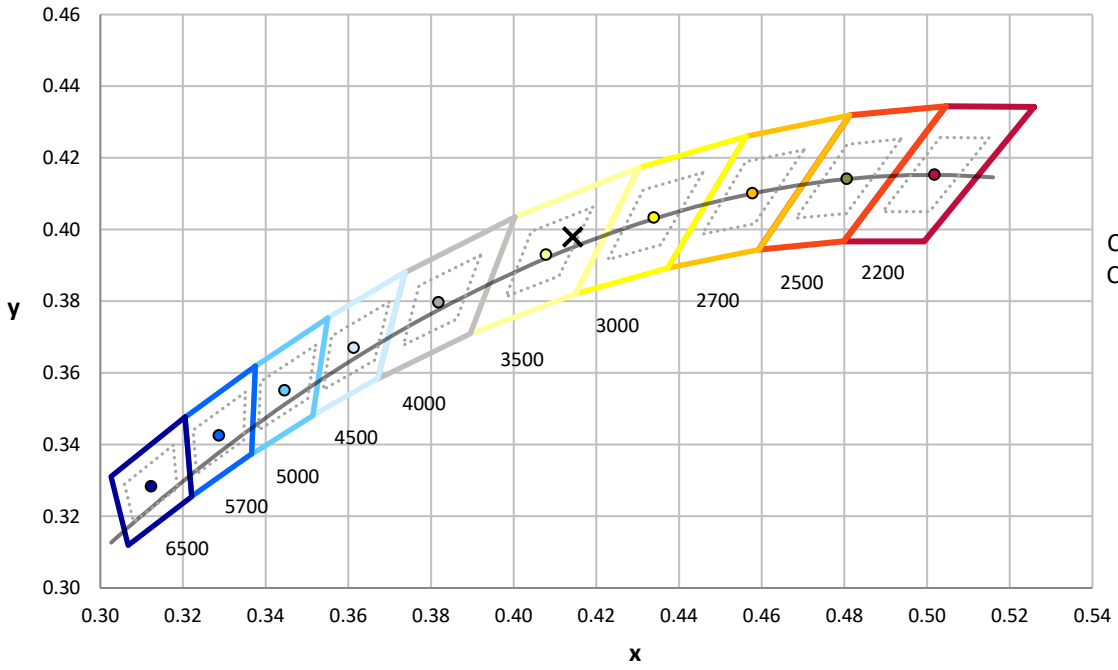
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-5

CIE 1931 Chromaticity Diagram



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

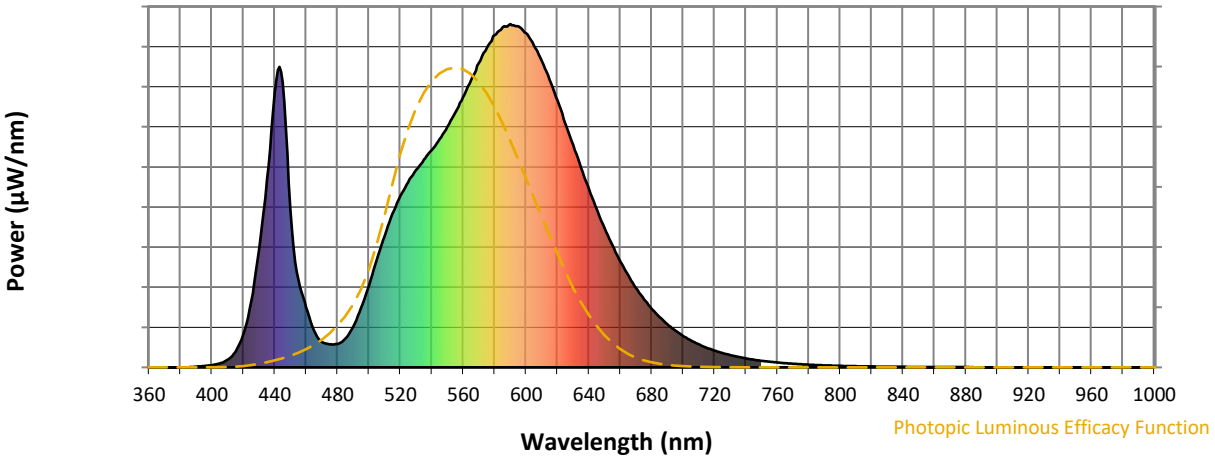


CCT = 3369K
CIE x = 0.4143
CIE y = 0.3980
Duv = 0.0013

Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

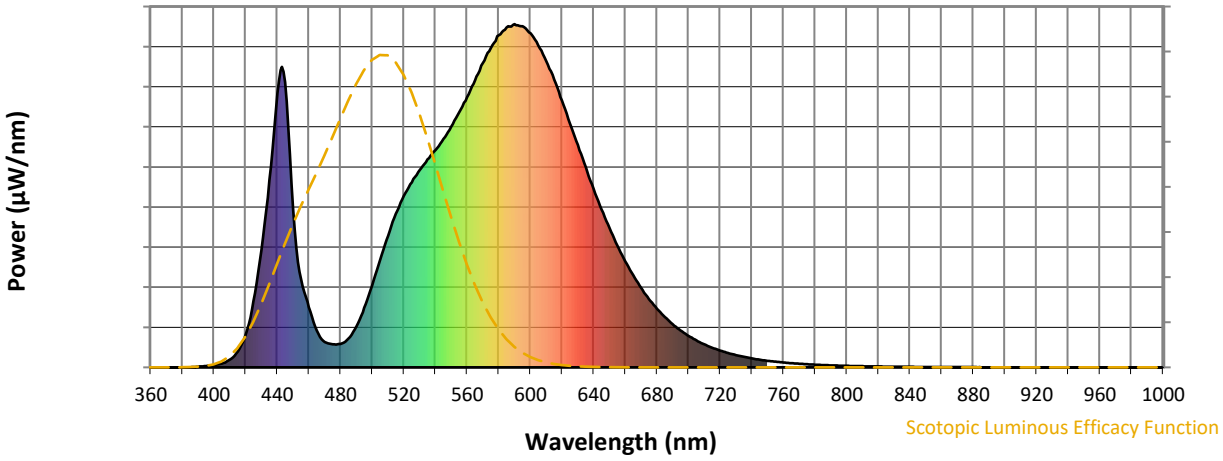


Photopic Lumens: NR

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Scotopic Flux vs. Wavelength

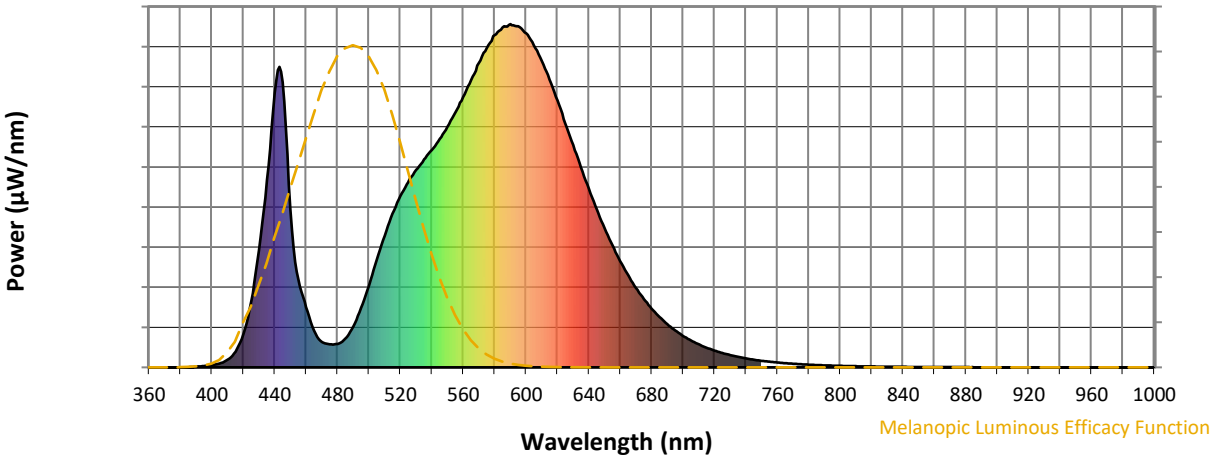


Scotopic Lumens: NR **S/P: 1.29**

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.36**

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

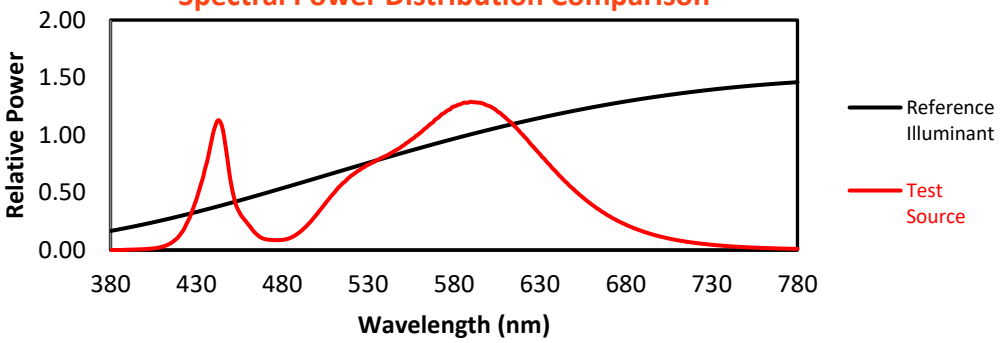
REPORT NUMBER: SP1-2407-184-5

TM-30-18

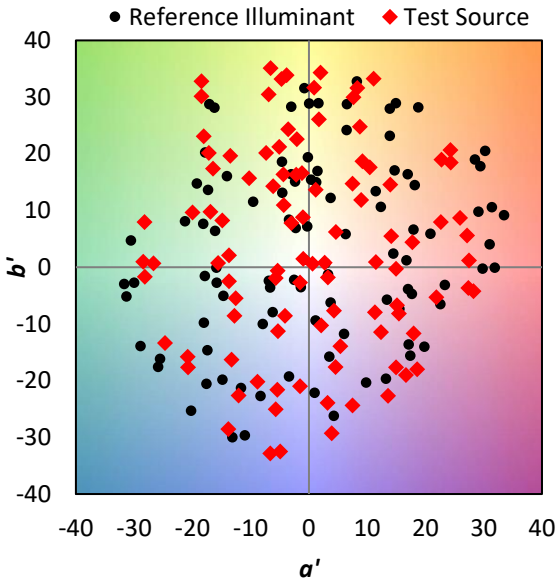
Summary

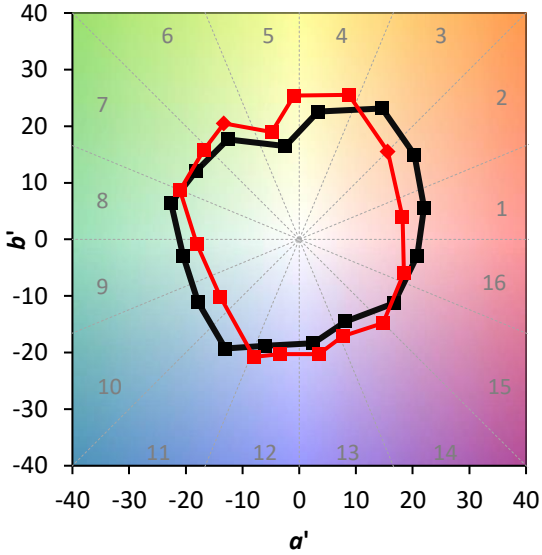
R_f = 71.4
R_g = 96
CIE R_a = 70.1
R_9 = -40.2

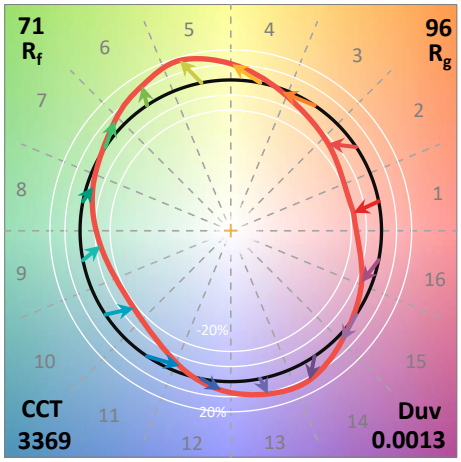
Spectral Power Distribution Comparison

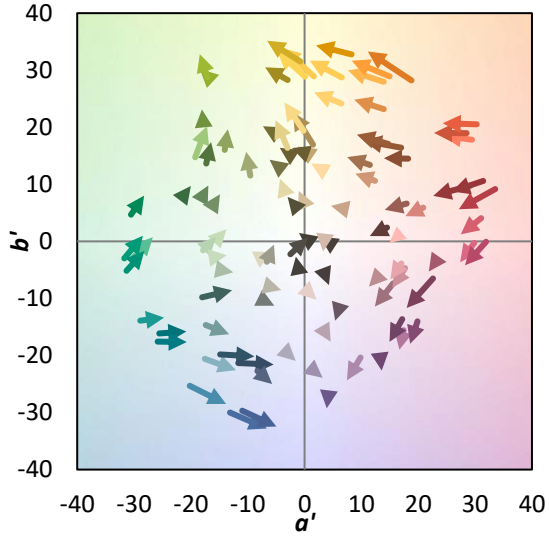


Color Vector Graphics







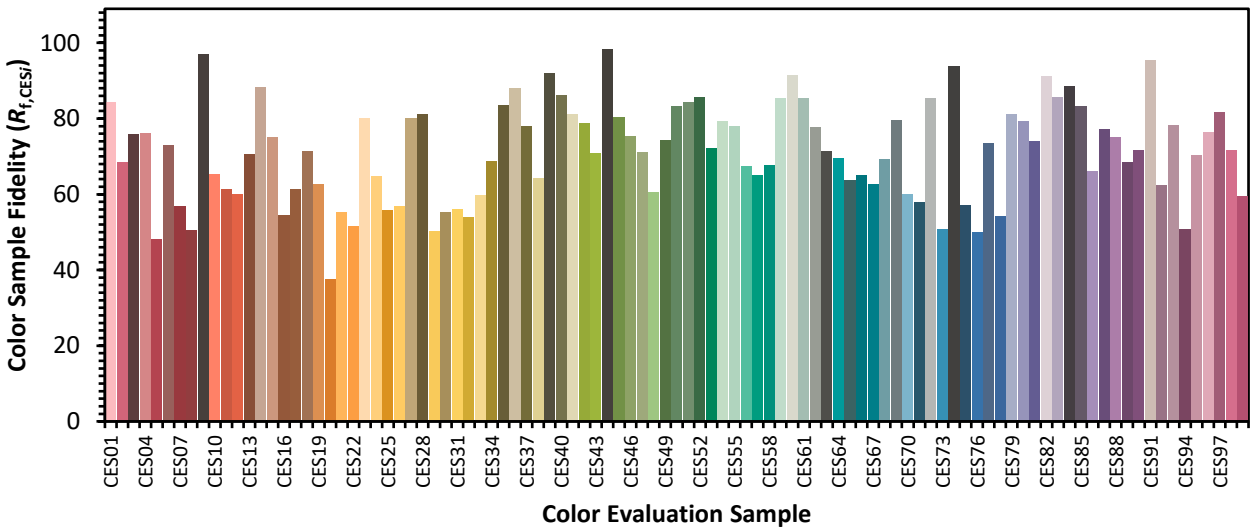


REPORT NUMBER: SP1-2407-184-5

TM-30-18

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

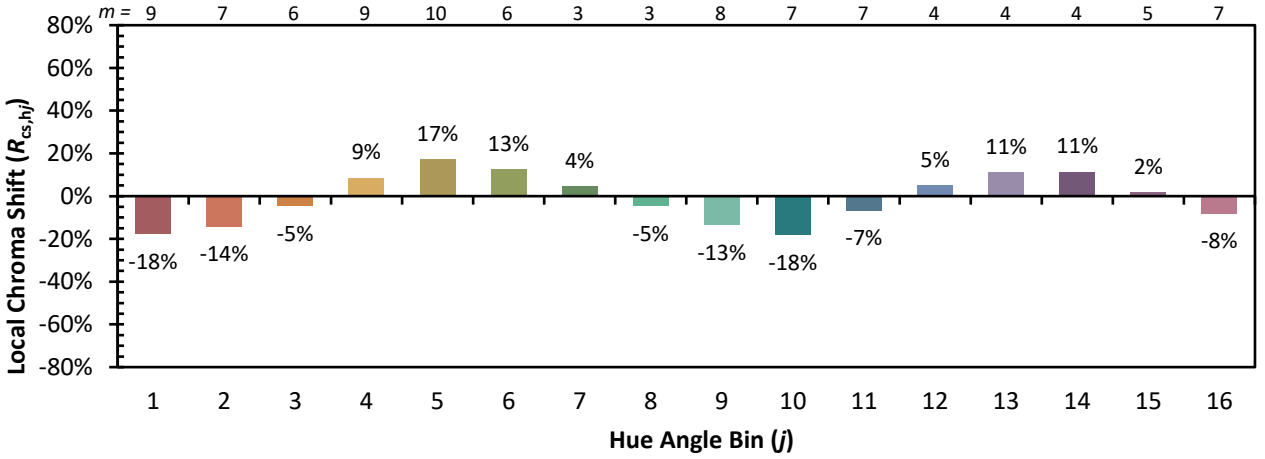
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	

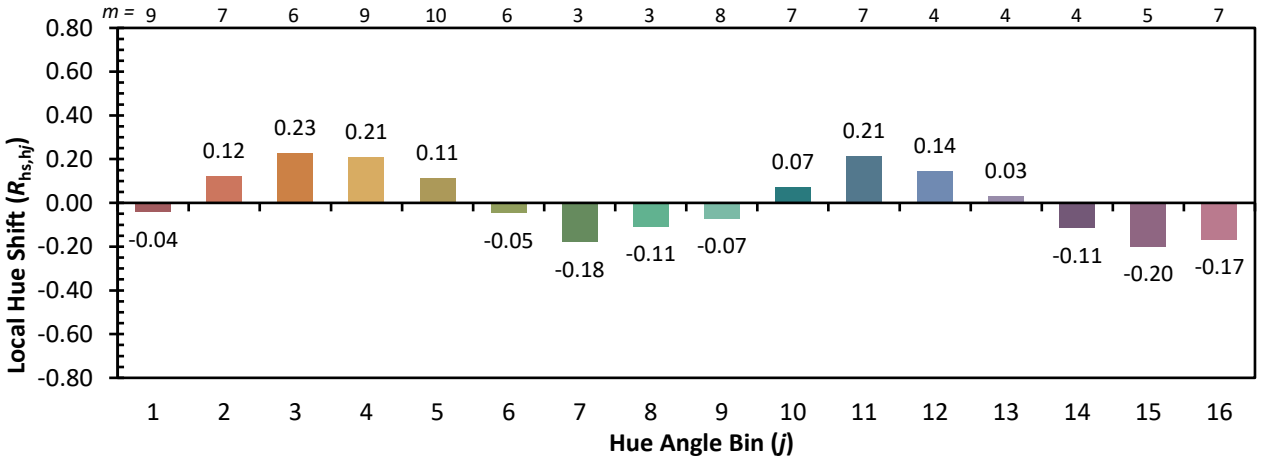


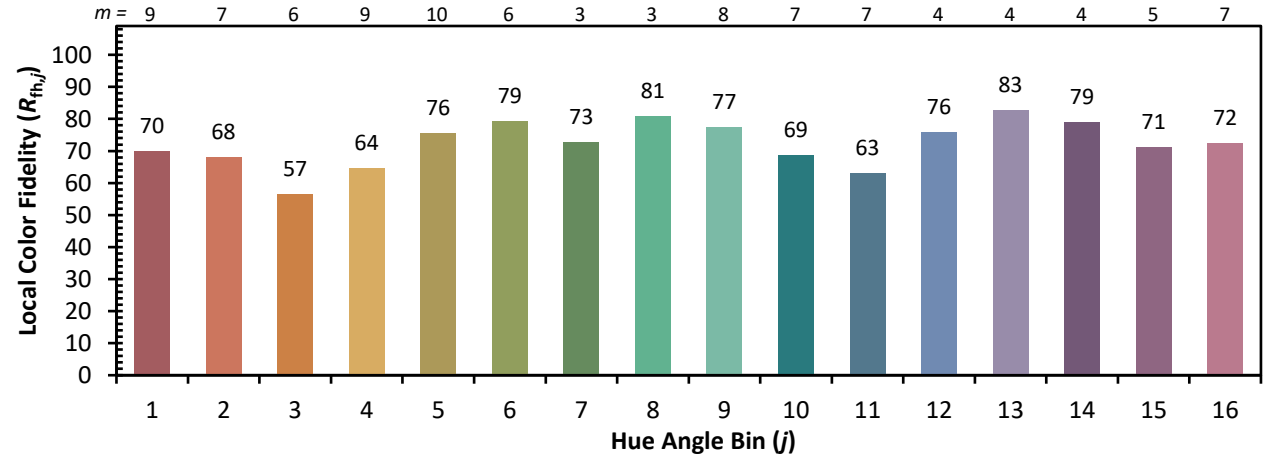
REPORT NUMBER: SP1-2407-184-5

TM-30-18

Color Rendition by Hue-Angle Bin



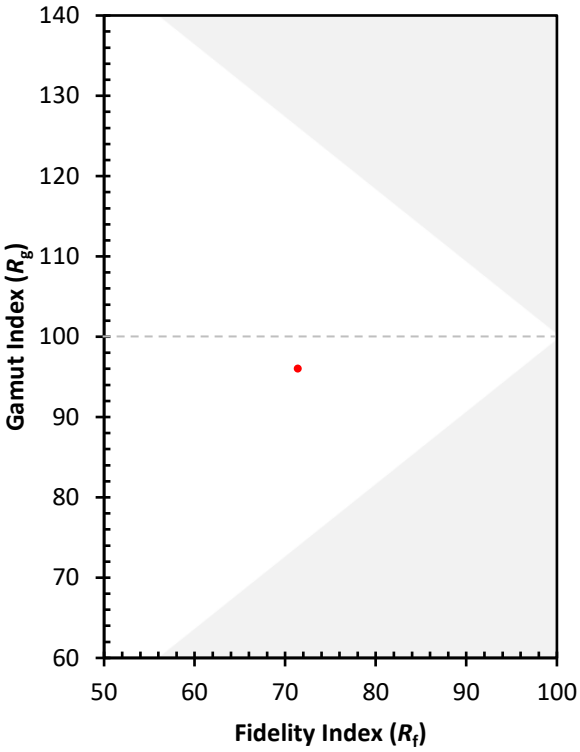


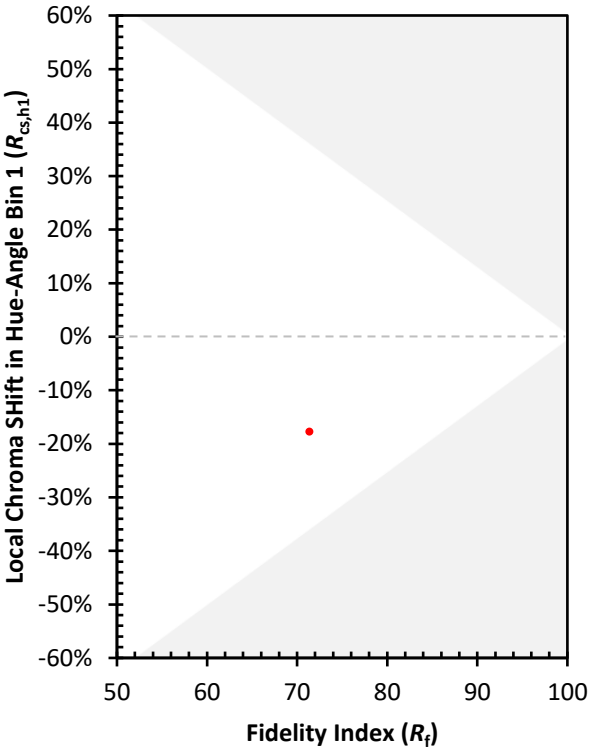


REPORT NUMBER: SP1-2407-184-5

TM-30-18

Measure Comparisons





(END OF REPORT)