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: P1366109

Luminaire Tested: **GSS-SB6C-727-U-T2R-HSS**

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:	P1366109
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB6C-727-U-T2R-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 6SQUARE 300W 70CRI 2700K FIXTURE w/ TYPE II ROADWAY DISTRIBUTION OPTIC AND HOUSE SIDE SHIELD
Light Source:	(156) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	33936.9 lumens
Efficiency:	N/A
Efficacy:	113.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B2 - U0 - G4

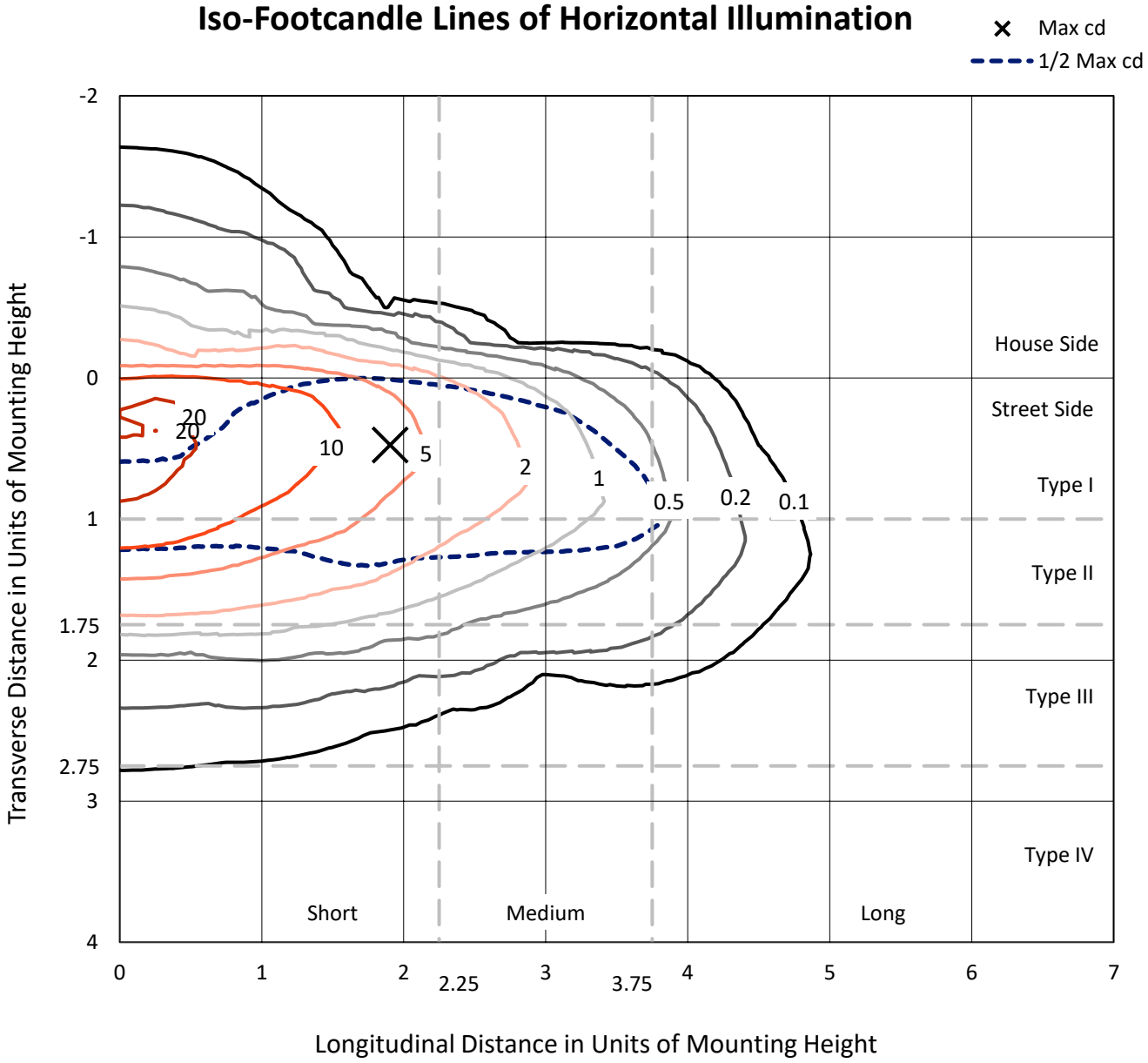
Input Watts (W):	300
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1366109
CATALOG NUMBER: GSS-SB6C-727-U-T2R-HSS

Iso-Footcandle Lines of Horizontal Illumination



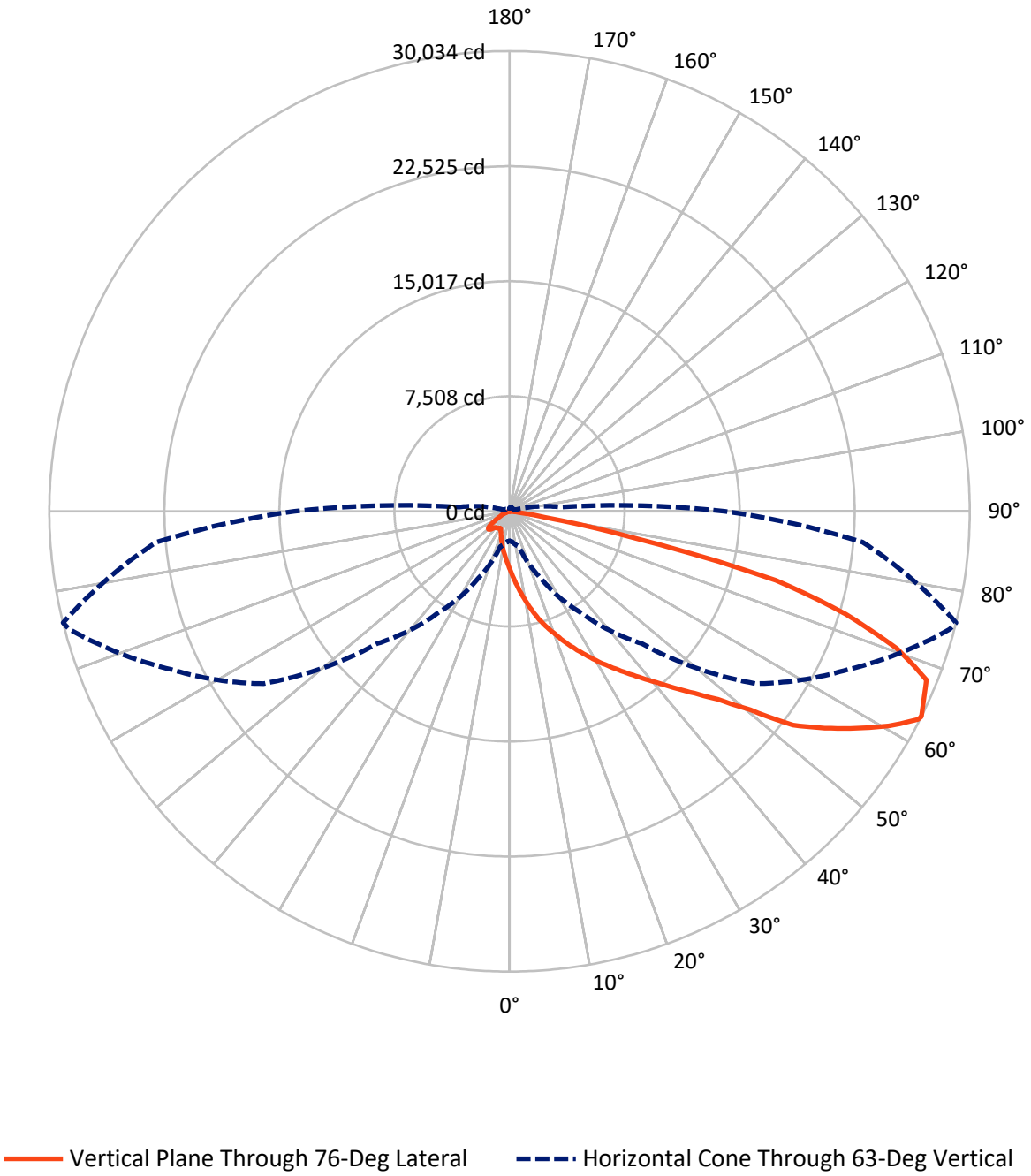
Based on 20 foot mounting height. Maximum calculated value = 24 fc
Type II - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1366109
CATALOG NUMBER: GSS-SB6C-727-U-T2R-HSS

Luminous Intensity Polar Plot



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

Scaled Data Report

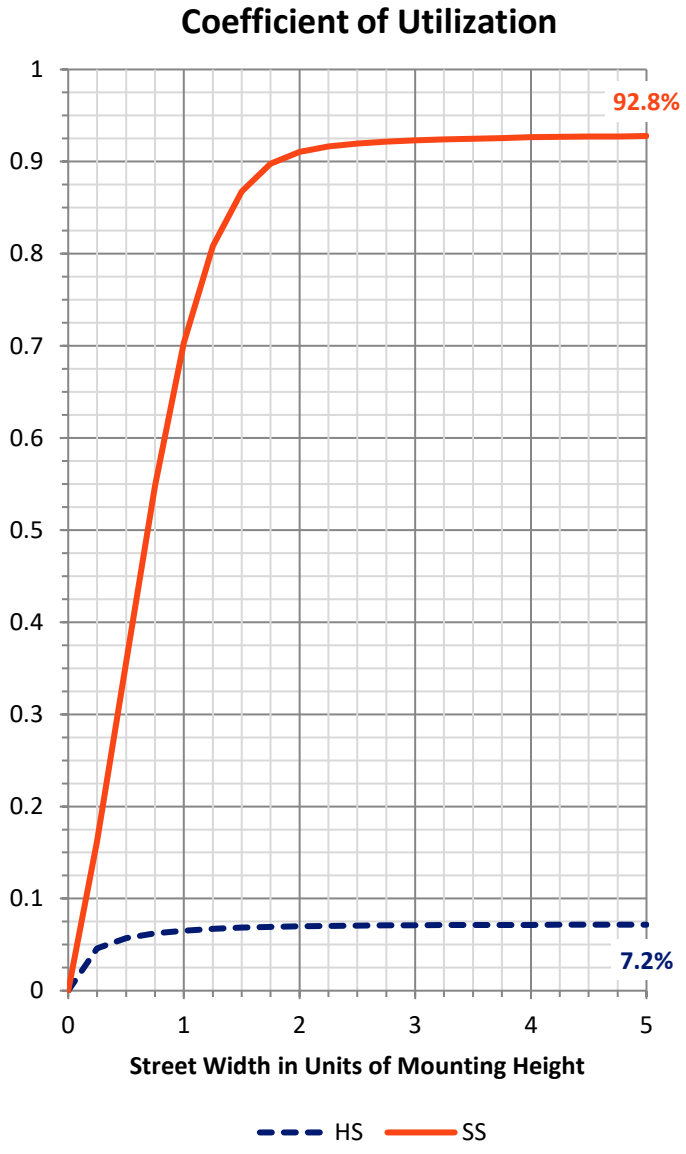
REPORT NUMBER: P1366109
CATALOG NUMBER: GSS-SB6C-727-U-T2R-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2445.5	0.0	2445.5
	% Fixture	7.2	0.0	7.2
Street Side	Lumens	31491.4	0.0	31491.4
	% Fixture	92.8	0.0	92.8
Total	Lumens	33936.9	0.0	33936.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	395.9	1.2
10°-20°	1416.2	4.2
20°-30°	2761.1	8.1
30°-40°	4849.7	14.3
40°-50°	7095.6	20.9
50°-60°	8233.7	24.3
60°-70°	6489.2	19.1
70°-80°	2579.2	7.6
80°-90°	116.3	0.3
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°	33936.9	100.0
0°-180°	33936.9	100.0



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

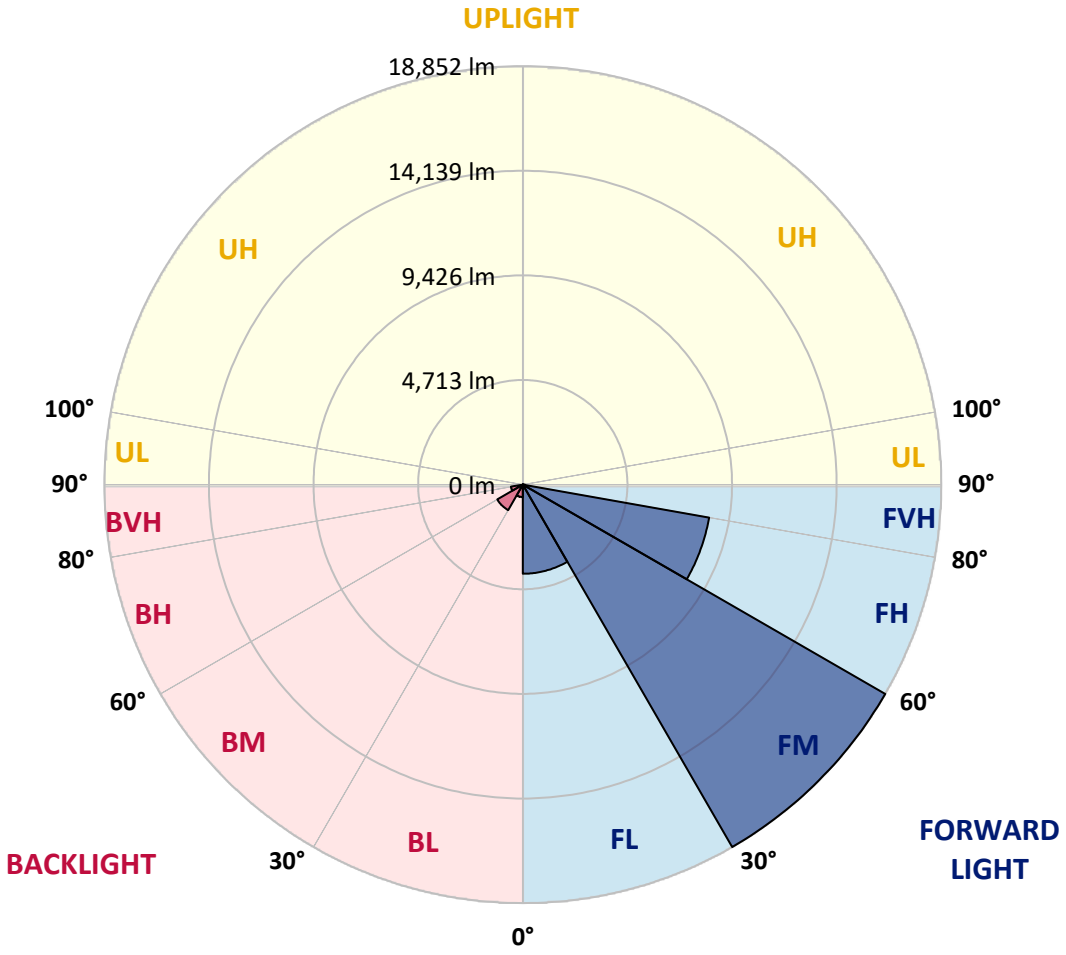
Scaled Data Report

REPORT NUMBER: P1366109
CATALOG NUMBER: GSS-SB6C-727-U-T2R-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	4013.1	11.8			
FM	(30°-60°)	18852.4	55.6			
FH	(60°-80°)	8524.2	25.1			G4/12000
FVH	(80°-90°)	101.7	0.3			G2/225
BL	(0°-30°)	560.0	1.7	B2/1000		
BM	(30°-60°)	1326.6	3.9	B2/2500		
BH	(60°-80°)	544.2	1.6	B2/1000		G2/1000
BVH	(80°-90°)	14.6	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G4
Type II Short



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

Scaled Data Report

REPORT NUMBER: P1366109
CATALOG NUMBER: GSS-SB6C-727-U-T2R-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	3793.9	3793.9	3793.9	3793.9	3793.9	3793.9	3793.9	3793.9	3793.9	*3793.9*	3793.9
2.5°	5438.6	5410.5	5410.5	5307.7	5158.2	4999.4	4775.1	4522.8	4270.5	*4261.1*	3980.8
5°	6746.8	6709.4	6662.7	6541.2	6345.0	6083.3	5784.3	5345.1	4821.8	*4803.1*	4251.8
7.5°	7597.2	7606.5	7541.1	7485.0	7354.2	7073.9	6690.7	6148.7	5466.6	*5382.5*	4606.9
10°	8363.4	8316.7	8307.4	8298.0	8204.6	7933.6	7569.1	6933.7	6102.0	*6017.9*	4999.4
12.5°	8840.0	8821.3	8886.7	8942.8	8924.1	8812.0	8391.5	7756.0	6774.8	*6672.0*	5391.8
15°	8989.5	9008.2	9167.1	9344.6	9494.1	9531.5	9176.4	8522.3	7410.3	*7344.9*	5840.4
17.5°	8877.4	8905.4	9129.7	9447.4	9811.8	10092.2	9933.3	9241.8	8092.4	*7970.9*	6242.2
20°	8924.1	8952.1	9157.7	9456.7	9933.3	10409.9	10550.1	10008.1	8699.8	*8569.0*	6709.4
22.5°	9709.0	9746.4	9793.1	9793.1	10120.2	10634.2	10951.9	10727.6	9391.3	*9260.5*	7223.4
25°	11428.4	11400.4	11148.1	10736.9	10746.3	10970.6	11316.3	11325.7	10092.2	*9933.3*	7690.6
27.5°	13138.5	13213.3	12886.2	12278.8	11802.2	11587.3	11736.8	11858.3	10765.0	*10606.1*	8213.9
30°	14717.7	14671.0	14325.3	13699.2	13101.1	12605.9	12288.2	12353.6	11484.5	*11363.0*	8737.2
32.5°	15960.6	15979.3	15586.8	14895.3	14241.2	13811.3	13157.2	12886.2	12185.4	*12091.9*	9297.9
35°	17007.2	16951.1	16474.5	15801.7	15194.3	14914.0	14222.5	13465.6	12989.0	*12867.5*	9886.6
37.5°	18007.0	17969.7	17381.0	16483.9	15932.5	15801.7	15409.2	14231.8	13820.7	*13727.2*	10634.2
40°	18679.9	18642.5	18137.9	17259.5	16596.0	16483.9	16465.2	15185.0	14717.7	*14652.3*	11400.4
42.5°	18838.7	18792.0	18436.9	17782.8	17194.1	17072.6	17474.4	16222.2	15839.1	*15727.0*	12297.5
45°	18521.0	18567.7	18324.8	17932.3	17652.0	17511.8	18306.1	17352.9	16988.5	*16923.1*	13260.0
47.5°	17605.2	17623.9	17605.2	17726.7	17782.8	18035.1	19072.3	18577.1	18324.8	*18334.1*	14493.5
50°	15941.9	15913.9	16203.5	16876.4	17539.8	18408.9	20062.9	20175.0	20418.0	*20361.9*	16334.4
52.5°	12690.0	12736.7	13988.9	15222.4	16839.0	18371.5	20810.4	22174.7	23165.3	*23165.3*	18324.8
55°	10232.3	10269.7	11092.0	13175.9	15418.6	17969.7	21221.6	23202.6	24978.1	*24968.8*	19745.1
57.5°	8363.4	8428.8	9083.0	10727.6	13297.4	16810.9	21389.8	24006.3	26538.7	*26706.9*	21202.9
60°	4681.6	5046.1	6345.0	8503.6	10951.9	15007.4	21128.1	24688.4	28239.4	*28435.6*	22688.7
62.5°	2121.2	2167.9	2756.7	5251.7	8531.6	12708.7	19913.3	24520.2	29771.9	*29921.4*	23174.6
63°	*1925.0*	*1999.7*	*2392.2*	*4803.1*	*8045.7*	*12194.7*	*19605.0*	*24398.8*	*29743.9*	*30033.5*	*23137.2*
65°	1513.8	1560.5	1663.3	3102.4	5391.8	10008.1	17530.5	22399.0	29351.4	*29697.1*	22314.9
67.5°	1242.8	1242.8	1326.9	1934.3	2980.9	6887.0	12998.3	19558.3	28940.2	*29342.0*	21268.3
70°	1055.9	1055.9	1112.0	1364.3	1775.5	3326.7	9353.9	16736.2	26491.9	*26819.0*	18511.7
72.5°	766.3	803.6	887.7	1065.3	1224.1	1878.3	4803.1	12848.8	22670.0	*22959.7*	15530.7
75°	626.1	644.8	719.5	813.0	841.0	1130.7	1691.4	9568.9	17838.8	*17951.0*	10774.3
77.5°	327.1	355.1	588.7	663.5	644.8	691.5	822.3	5214.3	8671.8	*8083.1*	3494.9
80°	140.2	140.2	420.5	429.9	457.9	327.1	392.5	1196.1	2485.7	*2317.5*	710.2
82.5°	37.4	46.7	336.4	299.0	308.4	149.5	168.2	383.1	635.4	*598.1*	205.6
85°	18.7	28.0	84.1	74.8	93.4	56.1	74.8	149.5	112.1	*112.1*	84.1
87.5°	0.0	0.0	9.3	9.3	9.3	18.7	28.0	46.7	56.1	*56.1*	56.1
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: P1366109
CATALOG NUMBER: GSS-SB6C-727-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3793.9	3793.9	3793.9	3793.9	3793.9	3793.9	3793.9	3793.9	3793.9	3793.9	3793.9
2.5°	3831.3	3672.4	3382.7	3121.1	2859.4	2616.5	2420.3	2326.8	2196.0	2214.7	2196.0
5°	3934.1	3616.4	3009.0	2467.0	2065.2	1747.4	1541.9	1429.7	1336.3	1317.6	1336.3
7.5°	4092.9	3597.7	2691.2	1971.7	1513.8	1308.2	1224.1	1186.8	1158.7	1149.4	1158.7
10°	4298.5	3607.0	2401.6	1597.9	1280.2	1186.8	1130.7	1093.3	1065.3	1065.3	1055.9
12.5°	4522.8	3616.4	2111.9	1355.0	1168.1	1102.7	1046.6	1009.2	981.2	971.8	971.8
15°	4737.7	3616.4	1868.9	1214.8	1093.3	1027.9	981.2	934.5	906.4	887.7	897.1
17.5°	4952.6	3597.7	1635.3	1130.7	1027.9	962.5	906.4	859.7	831.7	813.0	813.0
20°	5195.6	3579.0	1429.7	1055.9	962.5	897.1	831.7	794.3	766.3	747.6	747.6
22.5°	5447.9	3541.6	1270.9	981.2	887.7	822.3	766.3	719.5	691.5	672.8	672.8
25°	5690.9	3504.2	1130.7	915.8	831.7	756.9	700.8	654.1	616.7	607.4	607.4
27.5°	5952.5	3457.5	1027.9	850.4	766.3	700.8	635.4	588.7	560.7	551.3	551.3
30°	6270.2	3485.5	990.5	784.9	710.2	644.8	588.7	542.0	514.0	514.0	514.0
32.5°	6569.3	3504.2	1037.3	756.9	654.1	588.7	532.6	495.3	476.6	476.6	476.6
35°	6905.7	3541.6	1084.0	784.9	616.7	542.0	495.3	467.2	439.2	439.2	439.2
37.5°	7298.1	3550.9	1121.4	822.3	607.4	504.6	476.6	439.2	420.5	420.5	420.5
40°	7970.9	3700.5	1121.4	850.4	607.4	467.2	429.9	401.8	383.1	383.1	383.1
42.5°	8802.6	4167.7	1102.7	859.7	616.7	457.9	401.8	383.1	364.4	364.4	364.4
45°	9681.0	4709.7	1224.1	813.0	616.7	457.9	373.8	373.8	345.8	345.8	345.8
47.5°	10708.9	5251.7	1345.6	738.2	626.1	457.9	364.4	336.4	327.1	327.1	327.1
50°	12045.2	5606.8	1383.0	654.1	607.4	457.9	345.8	327.1	308.4	317.7	317.7
52.5°	13082.4	5597.4	1336.3	570.0	570.0	448.5	327.1	317.7	308.4	308.4	308.4
55°	13942.1	5447.9	1093.3	485.9	504.6	383.1	317.7	317.7	299.0	299.0	299.0
57.5°	14615.0	4980.7	784.9	411.2	420.5	317.7	308.4	308.4	299.0	289.7	289.7
60°	14923.3	4223.8	542.0	355.1	345.8	289.7	289.7	289.7	280.3	271.0	271.0
62.5°	14372.0	3457.5	392.5	308.4	280.3	261.6	271.0	271.0	252.3	233.6	224.3
63°	*14063.6*	*3298.6*	*373.8*	*299.0*	*271.0*	*261.6*	*271.0*	*271.0*	*252.3*	*224.3*	*214.9*
65°	13045.1	2663.2	327.1	271.0	243.0	233.6	252.3	243.0	214.9	168.2	168.2
67.5°	11671.4	1766.1	280.3	243.0	214.9	205.6	214.9	214.9	186.9	149.5	140.2
70°	9952.0	1112.0	233.6	196.2	177.5	158.9	168.2	186.9	158.9	121.5	112.1
72.5°	8167.2	775.6	186.9	158.9	140.2	112.1	140.2	158.9	130.8	93.4	93.4
75°	5504.0	495.3	149.5	121.5	102.8	93.4	112.1	121.5	102.8	65.4	65.4
77.5°	1738.1	252.3	121.5	93.4	74.8	65.4	74.8	84.1	56.1	37.4	37.4
80°	383.1	149.5	84.1	65.4	56.1	46.7	46.7	28.0	18.7	18.7	9.3
82.5°	140.2	93.4	65.4	46.7	37.4	28.0	18.7	18.7	9.3	0.0	0.0
85°	74.8	56.1	37.4	28.0	28.0	18.7	18.7	9.3	0.0	0.0	0.0
87.5°	46.7	37.4	28.0	28.0	18.7	18.7	9.3	9.3	0.0	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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

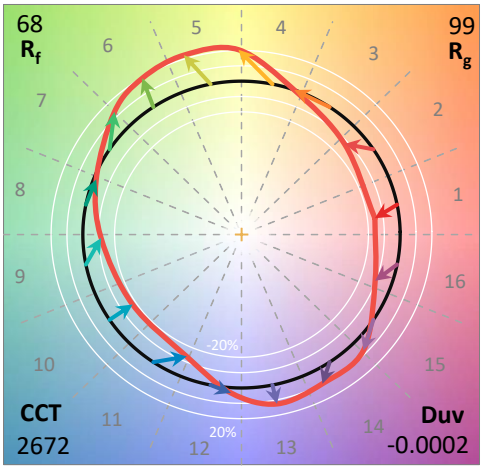
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-3
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-727-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672
CIE u':	0.2638
CIE v':	0.5276
Duv:	-0.0002
CIE x:	0.4619
CIE y:	0.4106
CIE z:	0.1275
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	584
Purity:	61.88407
Rf:	67.9
Rg:	98.6

CRI (Ra):	71.1
R1:	68.3
R2:	79.8
R3:	91.2
R4:	69.4
R5:	66.5
R6:	72.6
R7:	77.0
R8:	44.1
R9:	-27.8
R10:	54.4
R11:	65.8
R12:	45.6
R13:	69.8
R14:	94.5
R15:	60.1



Test Conditions

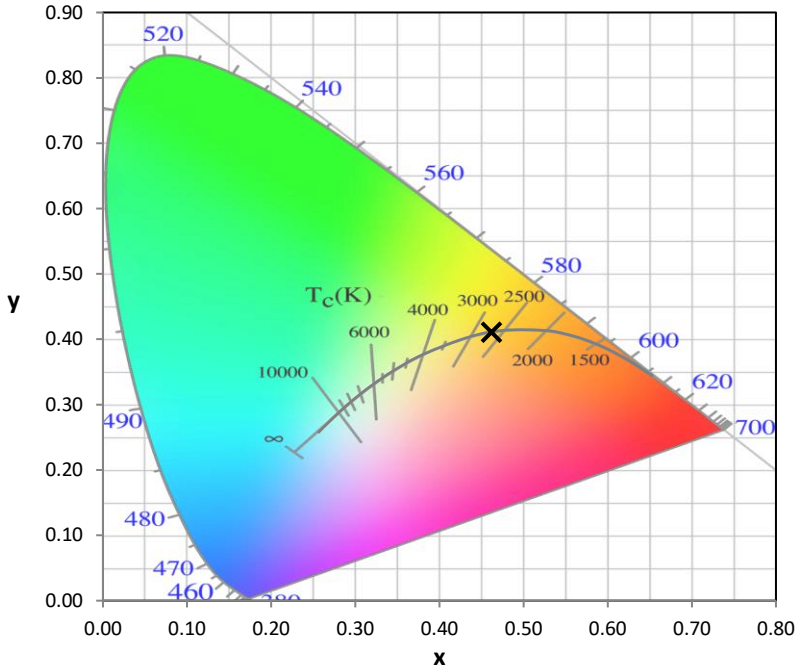
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

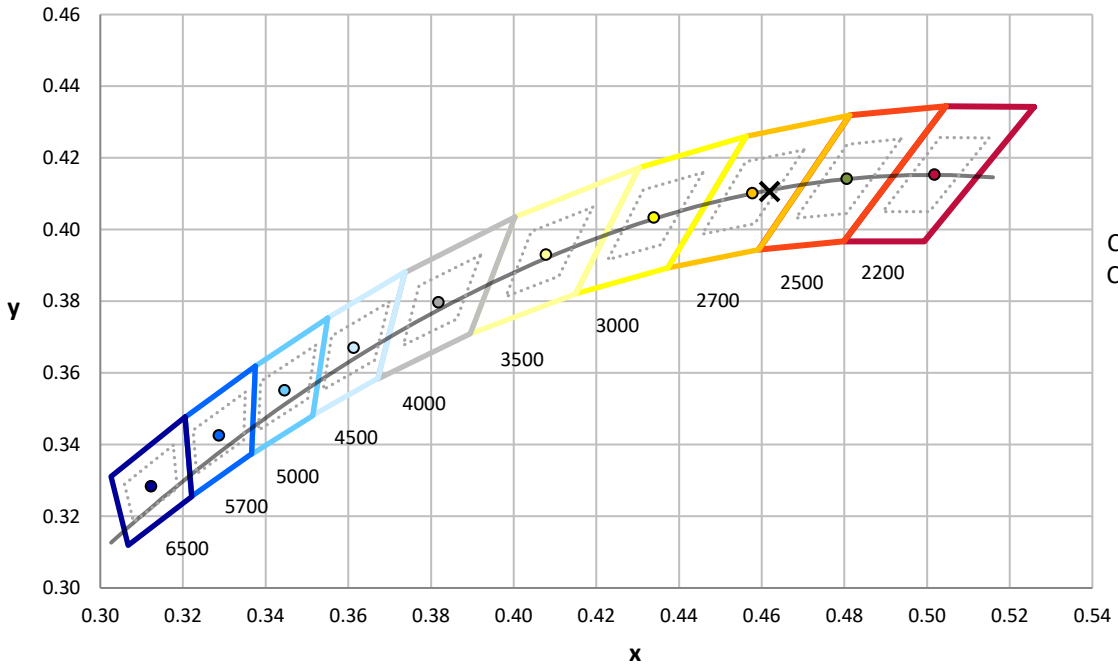
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-3

CIE 1931 Chromaticity Diagram



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

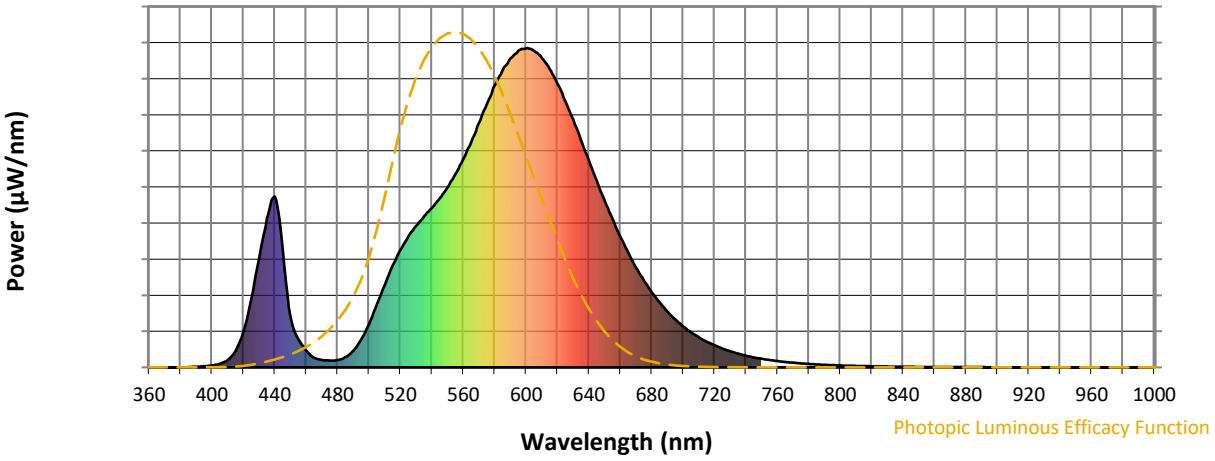


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

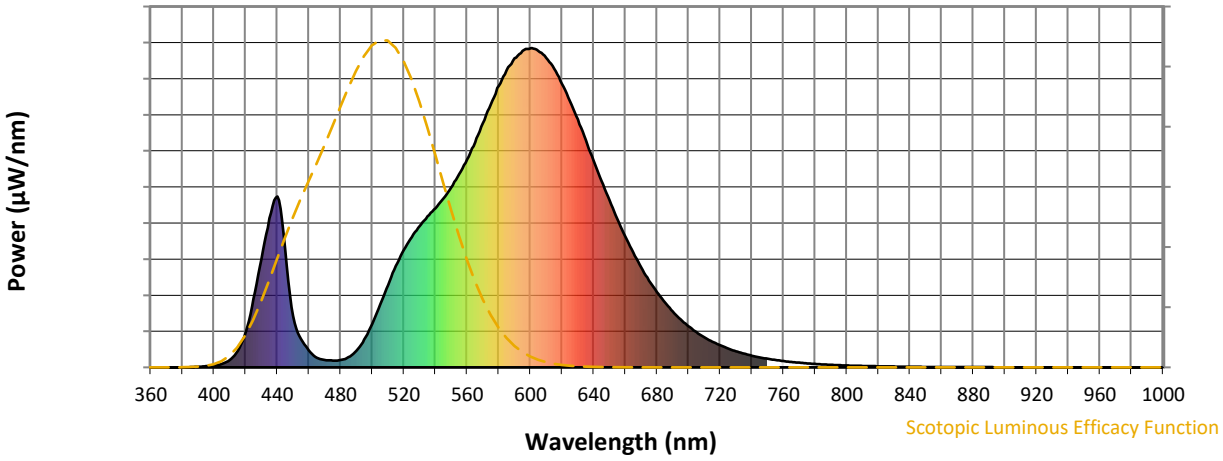


Photopic Lumens: NR

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Scotopic Flux vs. Wavelength

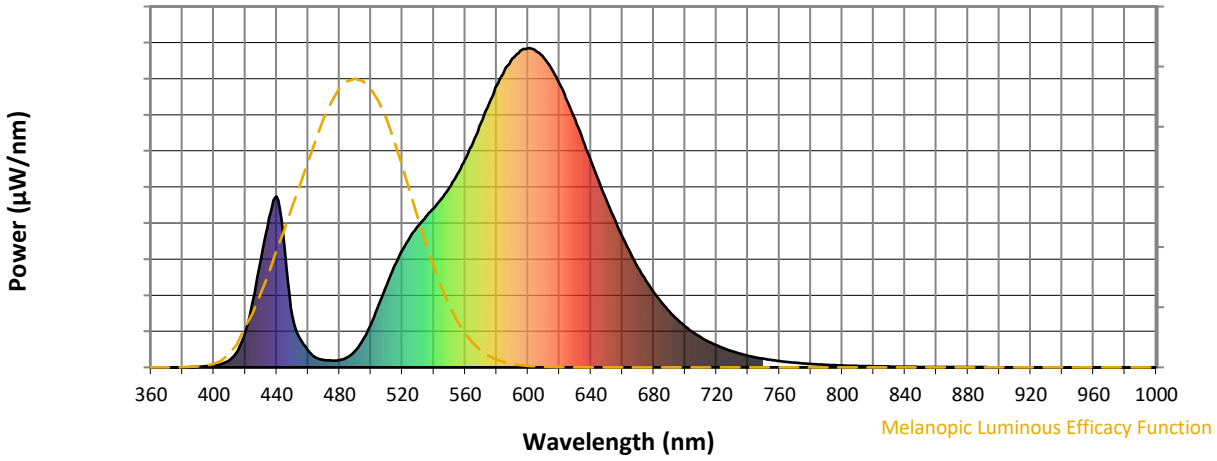


Scotopic Lumens: NR **S/P: 1.02**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.71**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

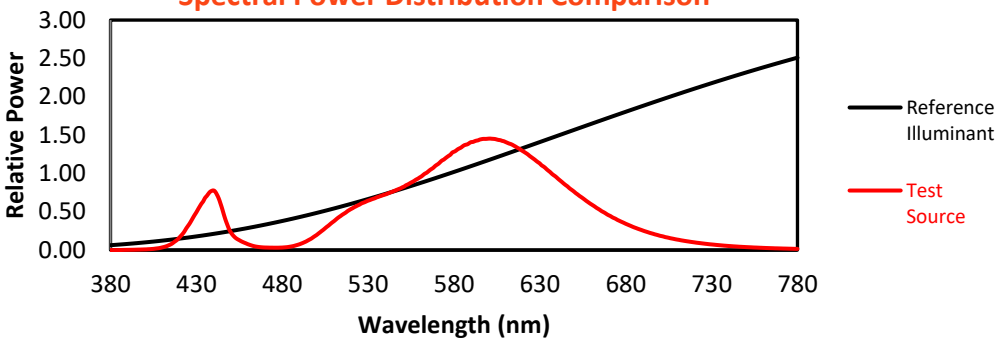
REPORT NUMBER: SP1-2407-184-3

TM-30-18

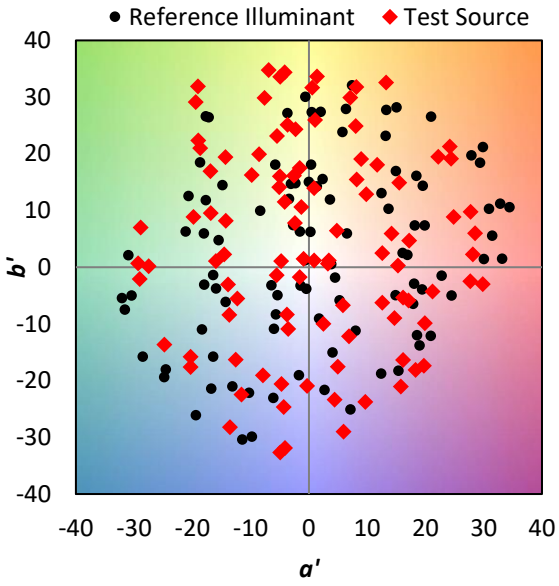
Summary

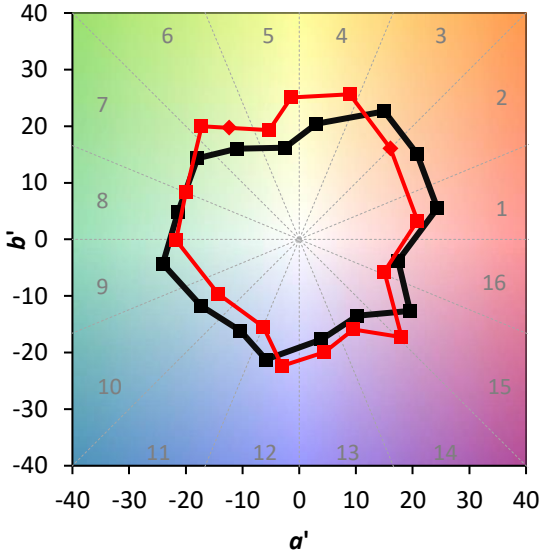
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

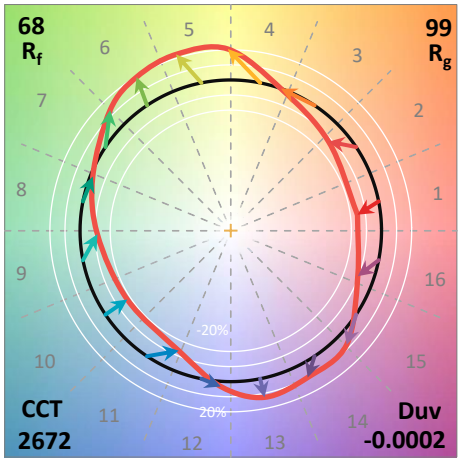
Spectral Power Distribution Comparison

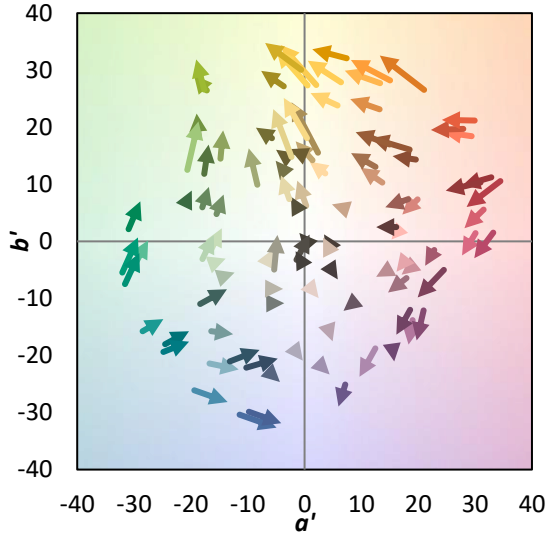


Color Vector Graphics







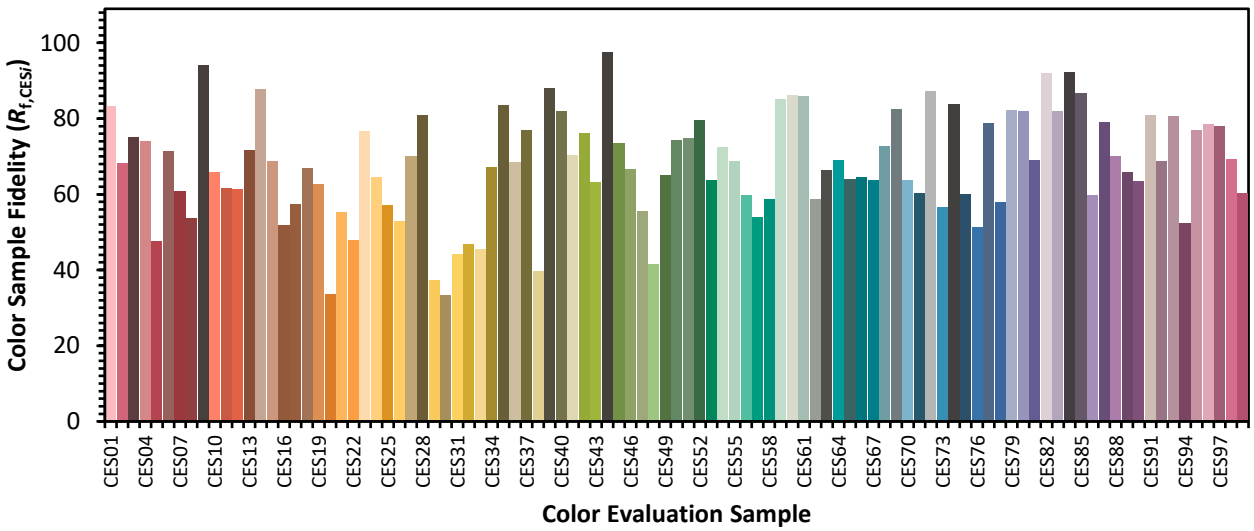


REPORT NUMBER: SP1-2407-184-3

TM-30-18

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

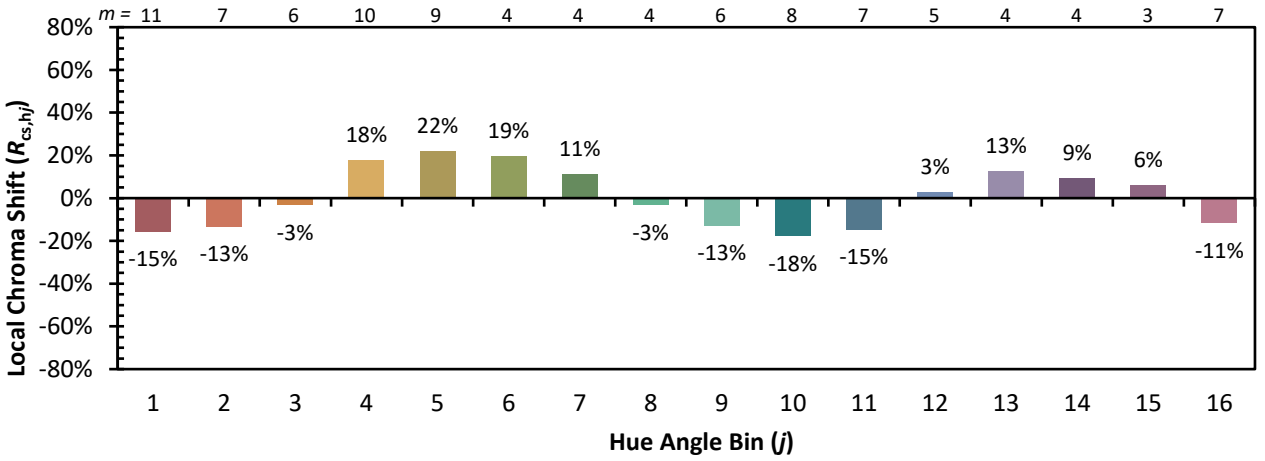
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	

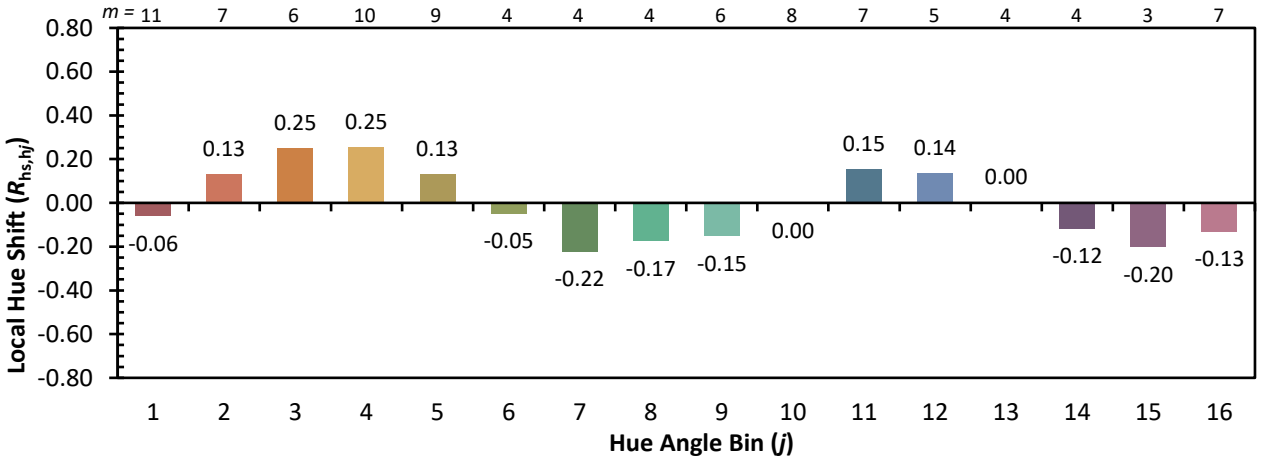


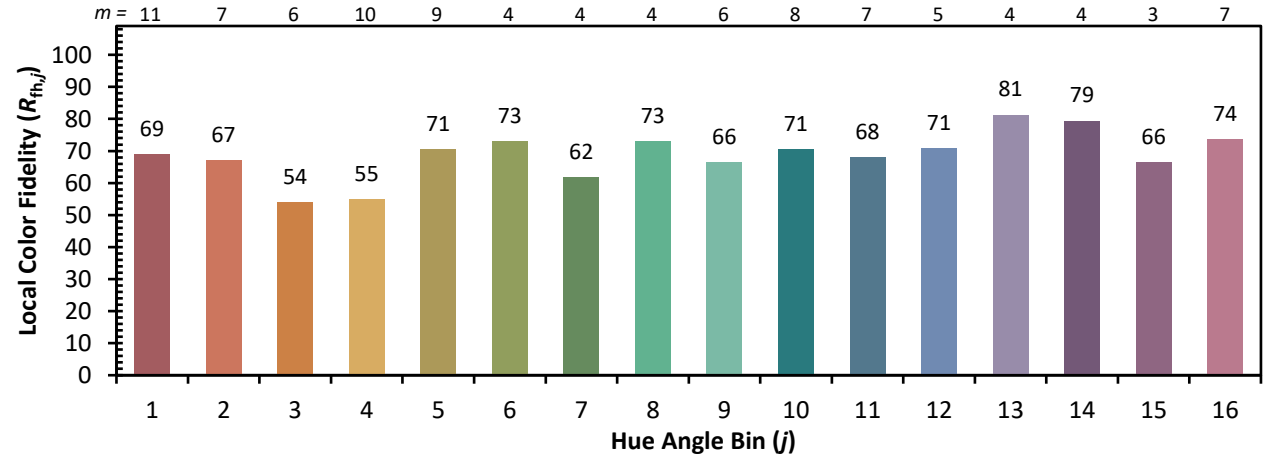
REPORT NUMBER: SP1-2407-184-3

TM-30-18

Color Rendition by Hue-Angle Bin



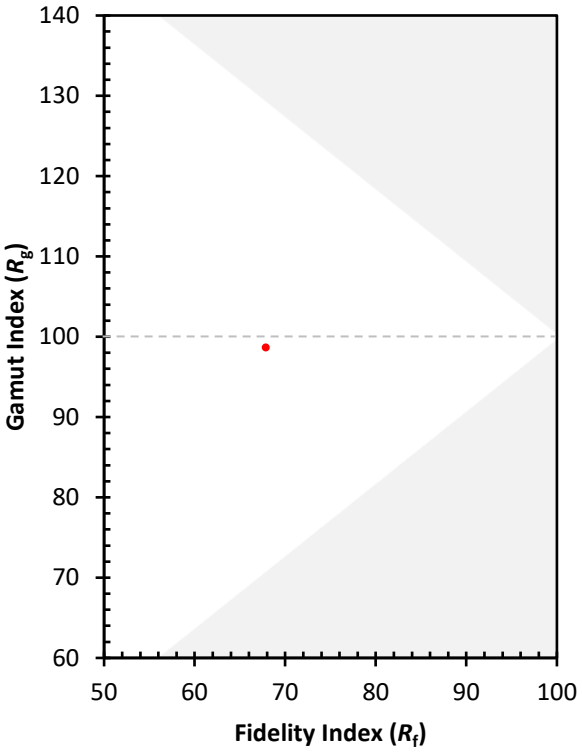


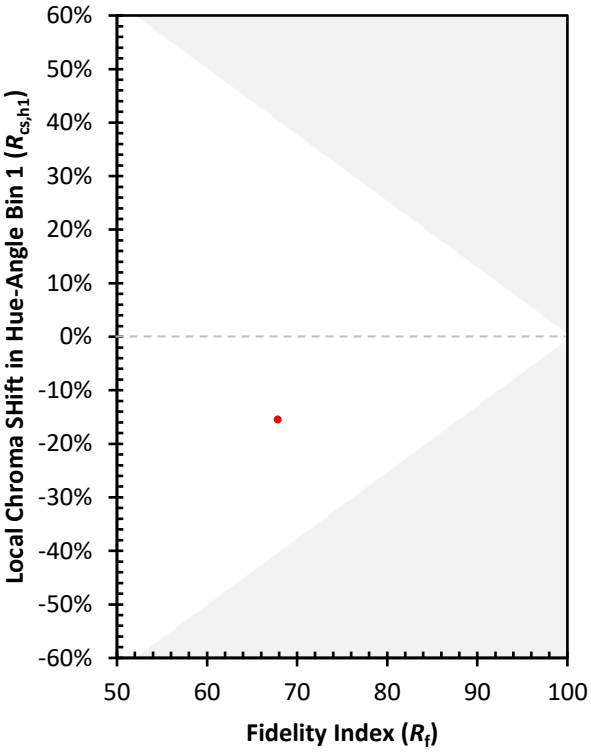


REPORT NUMBER: SP1-2407-184-3

TM-30-18

Measure Comparisons





(END OF REPORT)