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: P1357677

Luminaire Tested: **GSS-SB4C-730-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:	P1357677
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4C-730-U-T4FT
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 204W 70CRI 3000K FIXTURE w/ TYPE IV FORWARD THROW DISTRIBUTION OPTIC
Light Source:	(104) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	27364.2 lumens
Efficiency:	N/A
Efficacy:	134.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G4

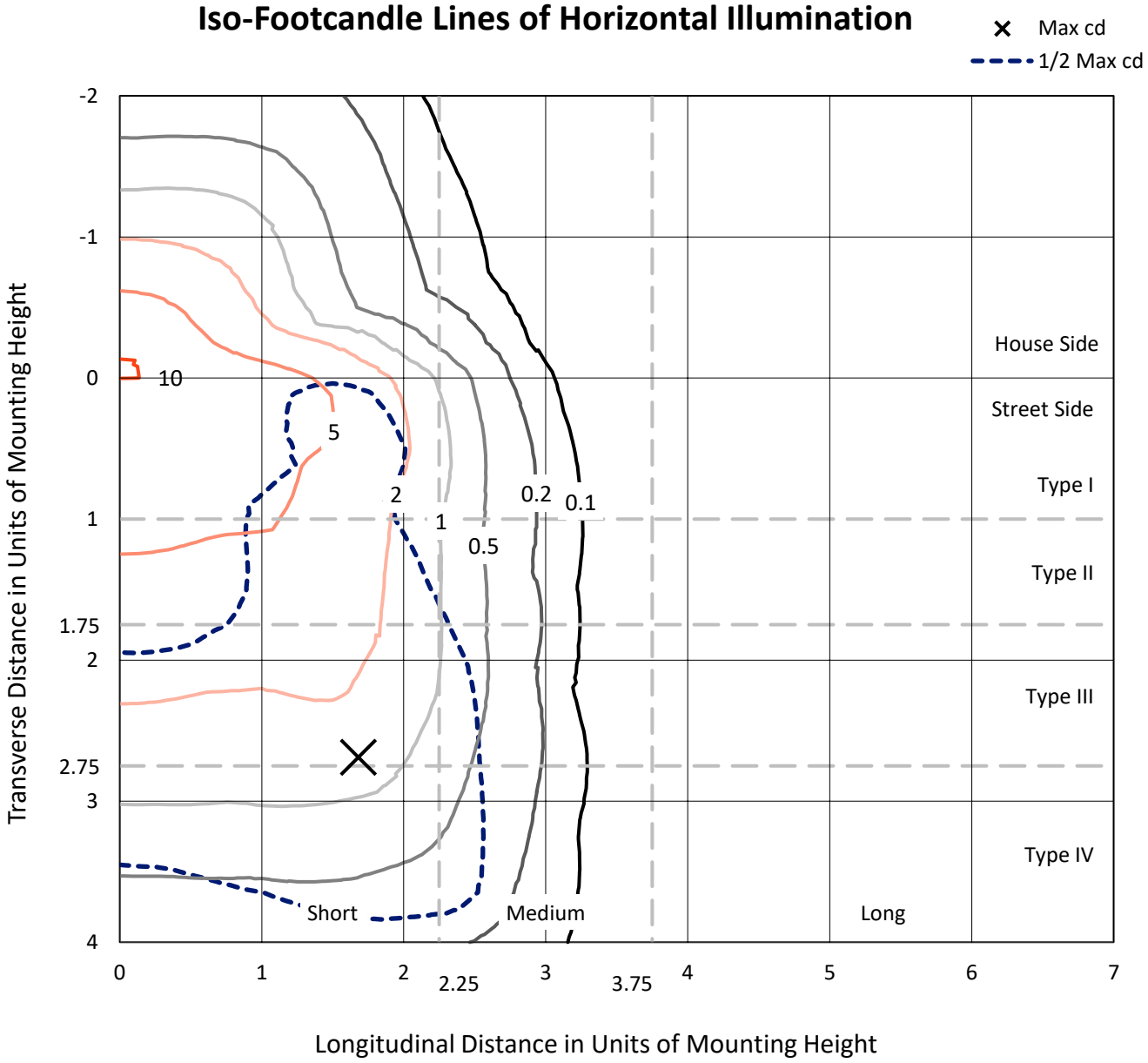
Input Watts (W):	204
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1357677
CATALOG NUMBER: GSS-SB4C-730-U-T4FT

Iso-Footcandle Lines of Horizontal Illumination



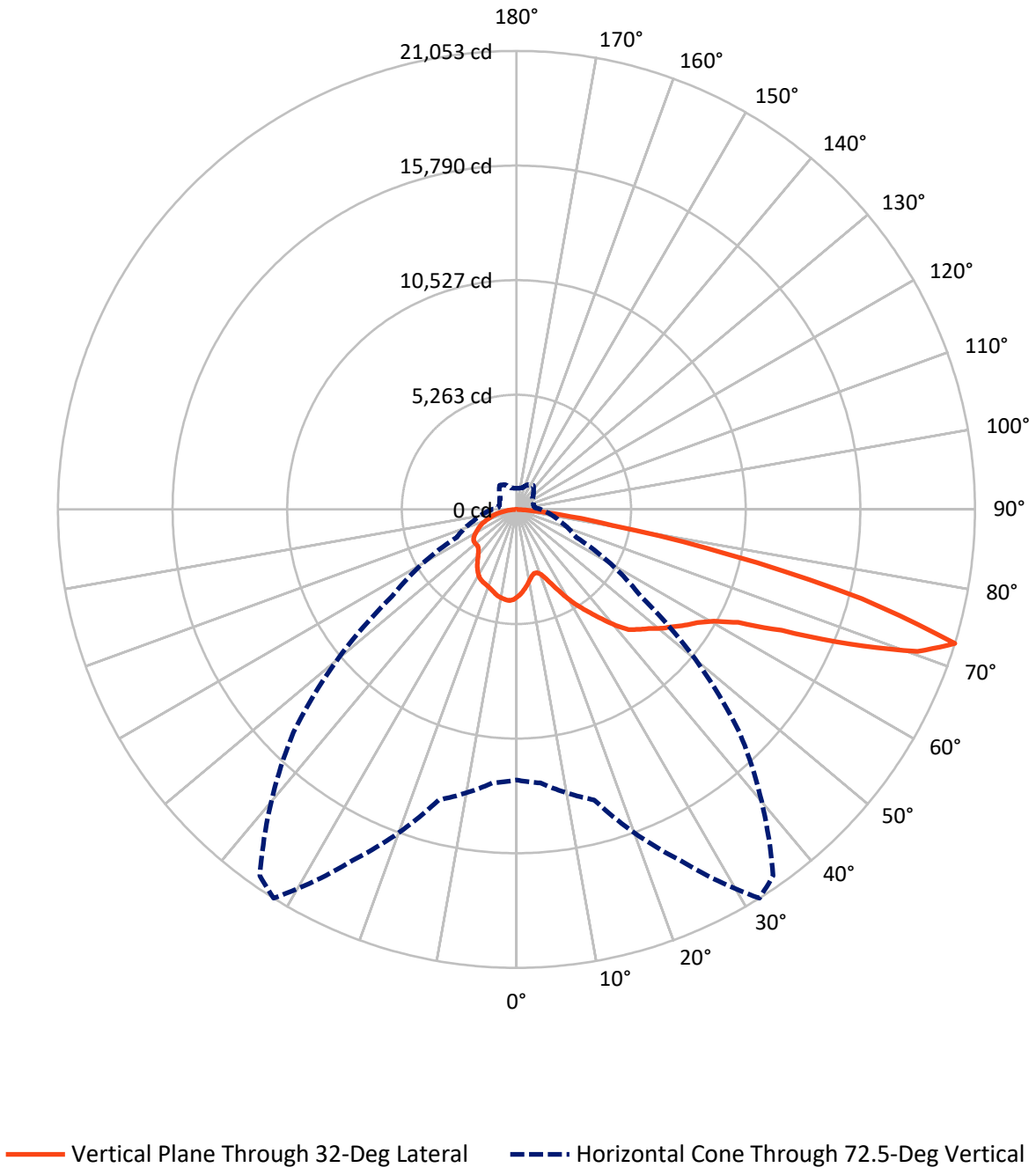
Based on 20 foot mounting height. Maximum calculated value = 10.1 fc
Type IV - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1357677
CATALOG NUMBER: GSS-SB4C-730-U-T4FT

Luminous Intensity Polar Plot



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

Scaled Data Report

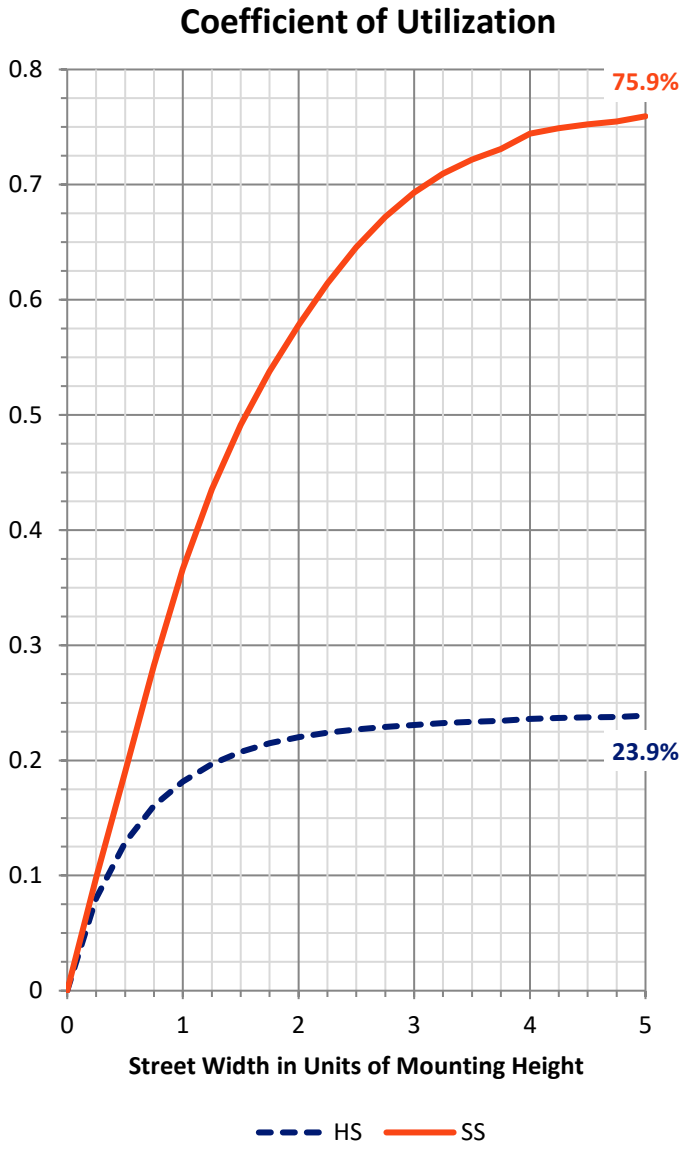
REPORT NUMBER: P1357677
CATALOG NUMBER: GSS-SB4C-730-U-T4FT

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6599.4	0.0	6599.4
	% Fixture	24.1	0.0	24.1
Street Side	Lumens	20764.9	0.0	20764.9
	% Fixture	75.9	0.0	75.9
Total	Lumens	27364.2	0.0	27364.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	375.9	1.4
10°-20°	1066.7	3.9
20°-30°	1848.2	6.8
30°-40°	2919.4	10.7
40°-50°	4254.9	15.5
50°-60°	5768.0	21.1
60°-70°	6638.3	24.3
70°-80°	4154.0	15.2
80°-90°	338.9	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°	27364.2	100.0
0°-180°	27364.2	100.0



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

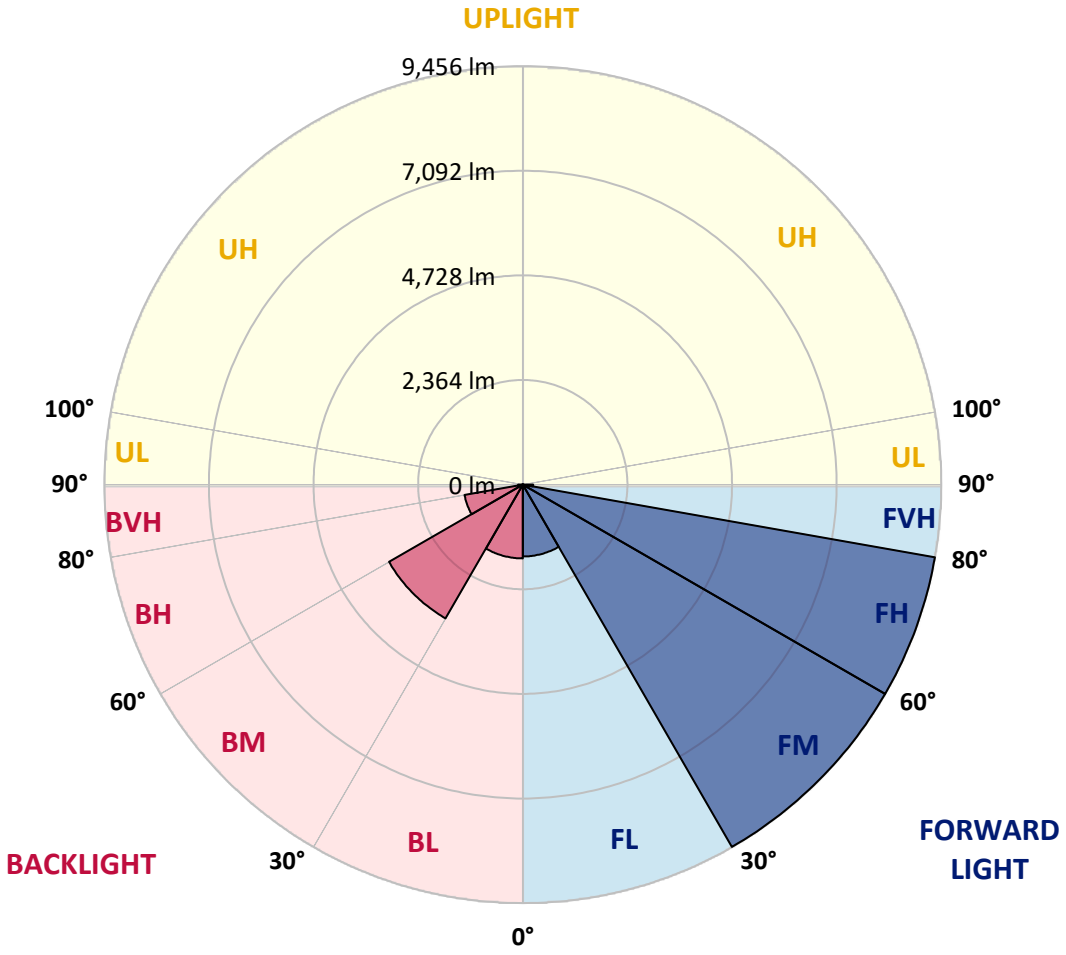
Scaled Data Report

REPORT NUMBER: P1357677
CATALOG NUMBER: GSS-SB4C-730-U-T4FT

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1623.3	5.9			
FM	(30°-60°)	9452.6	34.5			
FH	(60°-80°)	9456.2	34.6			G4/12000
FVH	(80°-90°)	232.8	0.9			G3/500
BL	(0°-30°)	1667.5	6.1	B3/2500		
BM	(30°-60°)	3489.7	12.8	B3/5000		
BH	(60°-80°)	1336.1	4.9	B3/2500		G3/2500
BVH	(80°-90°)	106.1	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: P1357677
CATALOG NUMBER: GSS-SB4C-730-U-T4FT

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	4019.4	4019.4	4019.4	4019.4	4019.4	4019.4	4019.4	4019.4	4019.4	4019.4	4019.4
2.5°	3849.6	3843.3	3874.7	3862.2	3887.3	3874.7	3874.7	3912.5	3943.9	3988.0	4019.4
5°	3635.7	3642.0	3635.7	3698.6	3698.6	3704.9	3755.2	3855.9	3931.3	3981.7	4013.1
7.5°	3358.9	3371.5	3396.7	3465.9	3509.9	3541.4	3635.7	3742.6	3868.4	3962.8	4076.0
10°	3132.5	3113.6	3170.2	3245.7	3308.6	3340.1	3497.3	3667.2	3837.0	3994.2	4088.6
12.5°	2969.0	2969.0	3000.4	3069.6	3138.8	3189.1	3365.2	3572.8	3799.3	3994.2	4170.4
15°	2937.5	2950.1	2962.7	2987.8	3050.7	3075.9	3245.7	3503.6	3755.2	4050.9	4227.0
17.5°	3044.4	3031.9	3019.3	3031.9	3057.0	3069.6	3195.4	3447.0	3730.1	4057.1	4258.4
20°	3333.8	3308.6	3289.8	3195.4	3176.5	3189.1	3239.4	3428.1	3736.4	4145.2	4390.5
22.5°	3736.4	3748.9	3673.5	3516.2	3440.7	3434.4	3371.5	3497.3	3774.1	4214.4	4503.8
25°	4315.0	4258.4	4183.0	3994.2	3837.0	3780.4	3648.3	3642.0	3855.9	4340.2	4667.3
27.5°	4900.0	4868.6	4749.1	4484.9	4308.8	4227.0	3988.0	3868.4	3975.4	4491.2	4856.0
30°	5554.2	5554.2	5359.2	5063.6	4830.8	4679.9	4396.8	4170.4	4176.7	4692.5	5126.5
32.5°	6227.3	6189.5	6000.8	5566.8	5334.1	5183.1	4805.7	4572.9	4497.5	4975.5	5497.6
35°	6711.6	6724.2	6548.1	6164.4	5831.0	5686.3	5346.6	5082.4	4912.6	5371.8	5969.4
37.5°	7151.9	7164.5	7057.6	6680.1	6384.5	6239.8	5856.1	5673.7	5415.8	5937.9	6535.5
40°	7372.1	7340.6	7309.2	7170.8	7000.9	6887.7	6491.4	6252.4	6026.0	6548.1	7151.9
42.5°	7535.6	7535.6	7485.3	7548.2	7548.2	7472.7	7164.5	6950.6	6724.2	7397.2	7806.1
45°	7724.3	7642.5	7642.5	7699.1	7856.4	7906.7	7931.9	7730.6	7523.0	8240.1	8516.9
47.5°	7919.3	7938.2	7887.9	7957.0	8177.2	8397.4	8724.4	8542.0	8315.6	9240.2	9322.0
50°	8164.6	8189.8	8189.8	8340.7	8586.1	8844.0	9649.1	9460.4	9083.0	10372.5	10208.9
52.5°	8227.5	8240.1	8428.8	8598.6	8957.2	9309.4	10573.8	10303.3	9900.7	11404.1	10982.6
55°	8114.3	8208.7	8548.3	8875.4	9391.2	9812.6	11454.4	11114.7	10498.3	12190.3	11592.8
57.5°	8372.2	8409.9	8724.4	9095.6	9812.6	10353.6	12322.4	11838.1	10913.4	12838.2	11838.1
60°	8919.4	8894.3	9171.0	9586.2	10416.5	11114.7	13259.6	12454.5	11259.4	12945.1	11353.7
62.5°	10146.0	10020.2	10120.9	10498.3	11429.2	12379.0	14222.0	12957.7	11045.5	11888.4	9718.3
65°	11806.6	11768.9	11706.0	12102.3	13379.2	14190.6	15423.5	12850.8	9976.2	10032.8	7812.4
67.5°	13291.1	13341.4	13303.7	14360.4	16505.4	17247.6	16700.4	12077.1	8265.3	7158.2	5025.8
70°	13863.5	13964.1	14630.9	16643.7	19537.2	20399.0	17279.1	10108.3	5724.0	3868.4	2472.0
72.5°	12429.3	12611.8	13813.2	17782.3	21053.1	20543.6	14486.2	6975.8	3019.3	2038.0	1377.5
75°	8592.4	8781.1	10605.2	14914.0	16379.6	15543.0	8894.3	3006.7	1560.0	1188.8	849.2
77.5°	3371.5	3862.2	5057.3	8321.9	10039.1	9850.4	4214.4	1037.9	868.0	723.4	553.5
80°	1132.2	1283.2	1880.8	3283.5	4453.4	4705.0	1534.8	528.4	503.2	440.3	346.0
82.5°	408.9	459.2	805.1	1239.2	2031.7	2044.3	496.9	283.1	308.2	264.2	182.4
85°	138.4	151.0	188.7	383.7	496.9	534.7	138.4	106.9	125.8	113.2	81.8
87.5°	12.6	12.6	12.6	18.9	18.9	18.9	18.9	25.2	25.2	18.9	18.9
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: P1357677
CATALOG NUMBER: GSS-SB4C-730-U-T4FT

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4019.4	4019.4	4019.4	4019.4	4019.4	4019.4	4019.4	4019.4	4019.4	4019.4	4019.4
2.5°	4025.7	4044.6	4057.1	4082.3	4113.8	4120.1	4145.2	4151.5	4138.9	4151.5	4138.9
5°	4063.4	4094.9	4120.1	4157.8	4183.0	4214.4	4208.1	4189.2	4189.2	4157.8	4208.1
7.5°	4113.8	4157.8	4176.7	4214.4	4220.7	4201.8	4176.7	4170.4	4107.5	4107.5	4120.1
10°	4183.0	4220.7	4239.6	4252.1	4214.4	4183.0	4132.6	4101.2	4076.0	4050.9	4057.1
12.5°	4233.3	4271.0	4271.0	4227.0	4183.0	4132.6	4088.6	4025.7	4006.8	3975.4	3975.4
15°	4264.7	4327.6	4283.6	4214.4	4126.3	4057.1	3988.0	3931.3	3906.2	3899.9	3925.1
17.5°	4346.5	4377.9	4271.0	4151.5	4057.1	3962.8	3887.3	3843.3	3811.8	3805.5	3855.9
20°	4440.8	4415.7	4233.3	4082.3	3975.4	3849.6	3786.7	3774.1	3761.5	3799.3	3799.3
22.5°	4535.2	4491.2	4195.5	4025.7	3855.9	3767.8	3711.2	3748.9	3755.2	3780.4	3805.5
25°	4673.6	4566.7	4183.0	3937.6	3717.5	3654.6	3660.9	3711.2	3723.8	3723.8	3736.4
27.5°	4824.5	4692.5	4189.2	3805.5	3579.1	3560.2	3604.3	3623.1	3642.0	3623.1	3629.4
30°	5038.4	4824.5	4157.8	3654.6	3459.6	3491.0	3516.2	3509.9	3428.1	3409.3	3421.8
32.5°	5352.9	5007.0	4132.6	3535.1	3396.7	3396.7	3371.5	3296.0	3214.3	3138.8	3163.9
35°	5711.5	5233.4	4038.3	3440.7	3333.8	3308.6	3208.0	3082.2	2931.2	2843.1	2849.4
37.5°	6088.9	5441.0	3937.6	3333.8	3233.1	3170.2	3025.6	2830.6	2679.6	2591.5	2579.0
40°	6579.5	5673.7	3786.7	3189.1	3094.8	2994.1	2830.6	2616.7	2465.7	2396.5	2434.3
42.5°	7076.4	5944.2	3610.5	2987.8	2912.3	2849.4	2667.0	2459.5	2314.8	2270.7	2295.9
45°	7630.0	6221.0	3428.1	2748.8	2711.1	2698.5	2541.2	2377.7	2251.9	2189.0	2182.7
47.5°	8196.1	6510.3	3176.5	2534.9	2516.1	2597.8	2478.3	2339.9	2233.0	2132.4	2126.1
50°	8831.4	6793.4	2836.9	2264.5	2352.5	2541.2	2497.2	2346.2	2163.8	2006.6	1981.4
52.5°	9397.5	6894.0	2478.3	2050.6	2226.7	2547.5	2516.1	2308.5	2069.5	1880.8	1855.6
55°	9781.2	6724.2	2170.1	1861.9	2132.4	2503.5	2490.9	2251.9	1975.1	1773.8	1748.7
57.5°	9806.4	6227.3	1874.5	1704.6	1981.4	2377.7	2415.4	2138.7	1830.4	1660.6	1641.7
60°	9202.5	5409.5	1635.4	1566.2	1817.9	2214.1	2277.0	1981.4	1698.3	1515.9	1503.3
62.5°	7850.1	4327.6	1409.0	1415.3	1660.6	1994.0	2113.5	1849.3	1566.2	1390.1	1371.3
65°	6246.1	3308.6	1251.7	1283.2	1459.3	1780.1	1962.5	1717.2	1434.2	1264.3	1239.2
67.5°	4195.5	2283.3	1081.9	1144.8	1264.3	1560.0	1811.6	1578.8	1270.6	1132.2	1113.4
70°	2000.3	1327.2	930.9	1006.4	1081.9	1320.9	1591.4	1383.8	1138.5	1025.3	1019.0
72.5°	*1113.4*	*849.2*	*805.1*	*861.8*	*905.8*	*1107.1*	*1346.1*	*1251.7*	*1019.0*	*975.0*	*968.7*
75°	710.8	603.9	641.6	710.8	735.9	874.3	1163.7	1119.6	918.4	943.5	943.5
77.5°	440.3	415.2	490.6	553.5	572.4	717.1	956.1	949.8	767.4	754.8	666.8
80°	283.1	276.8	352.2	358.5	390.0	547.2	761.1	729.7	578.7	528.4	496.9
82.5°	151.0	157.3	213.9	226.4	220.2	333.4	522.1	515.8	427.7	371.1	352.2
85°	56.6	56.6	81.8	100.6	106.9	169.8	276.8	283.1	232.7	176.1	182.4
87.5°	12.6	12.6	12.6	18.9	18.9	37.7	50.3	56.6	62.9	31.5	18.9
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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

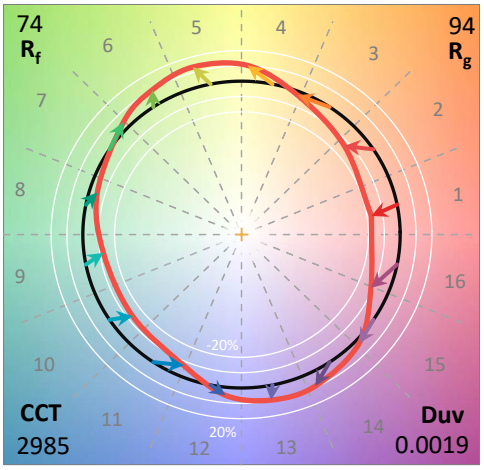
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-4
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-730-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2985
CIE u':	0.2504
CIE v':	0.5243
Duv:	0.0019
CIE x:	0.4408
CIE y:	0.4101
CIE z:	0.1491
Peak Wavelength (nm):	595
Dominant Wavelength (nm):	582
Purity:	55.41818
Rf:	73.8
Rg:	94.4

CRI (Ra):	70.8
R1:	66.3
R2:	80.6
R3:	94.5
R4:	68.2
R5:	66.5
R6:	74.7
R7:	76.2
R8:	39.6
R9:	-43.2
R10:	57.6
R11:	64.8
R12:	53.5
R13:	68.7
R14:	97.0
R15:	56.4



Test Conditions

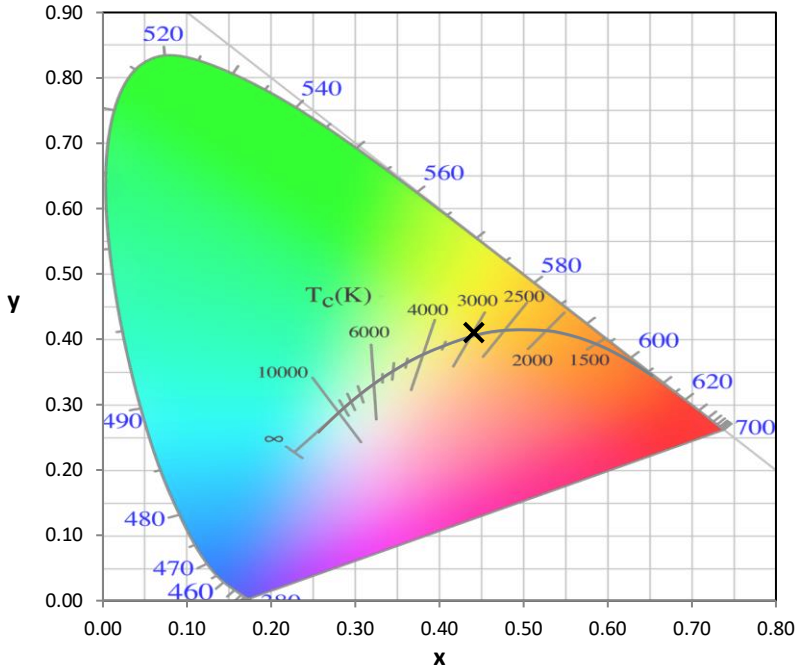
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

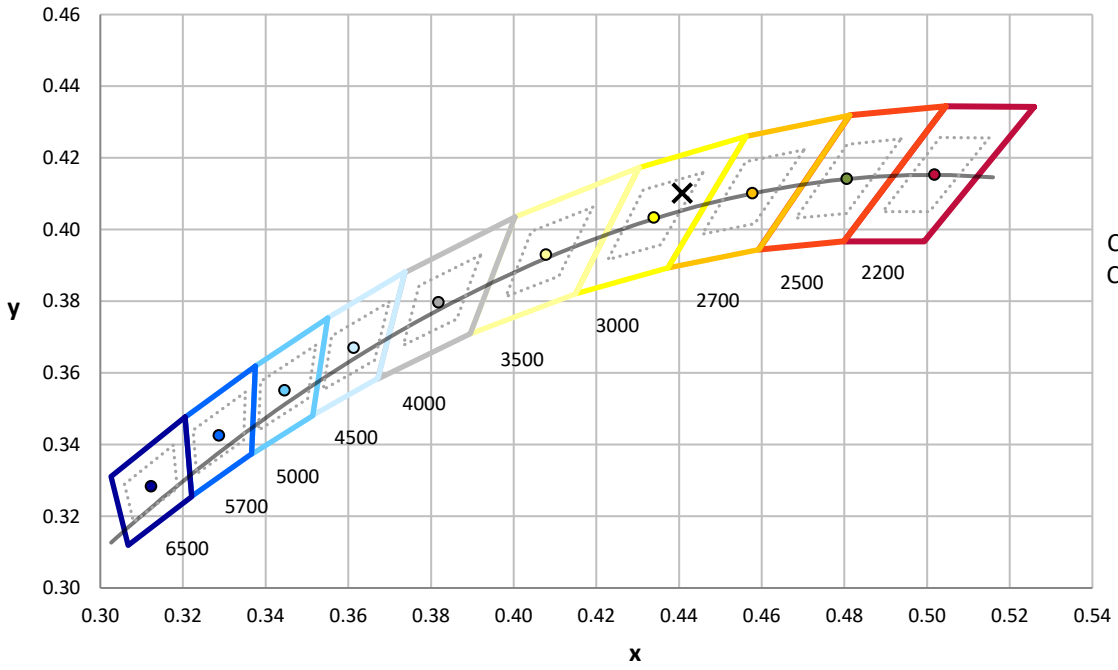
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



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

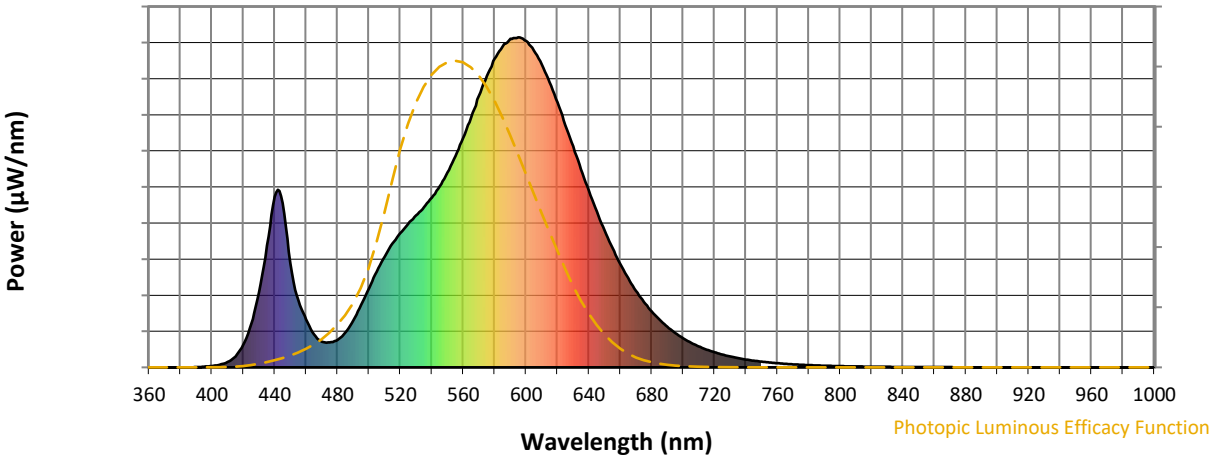


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

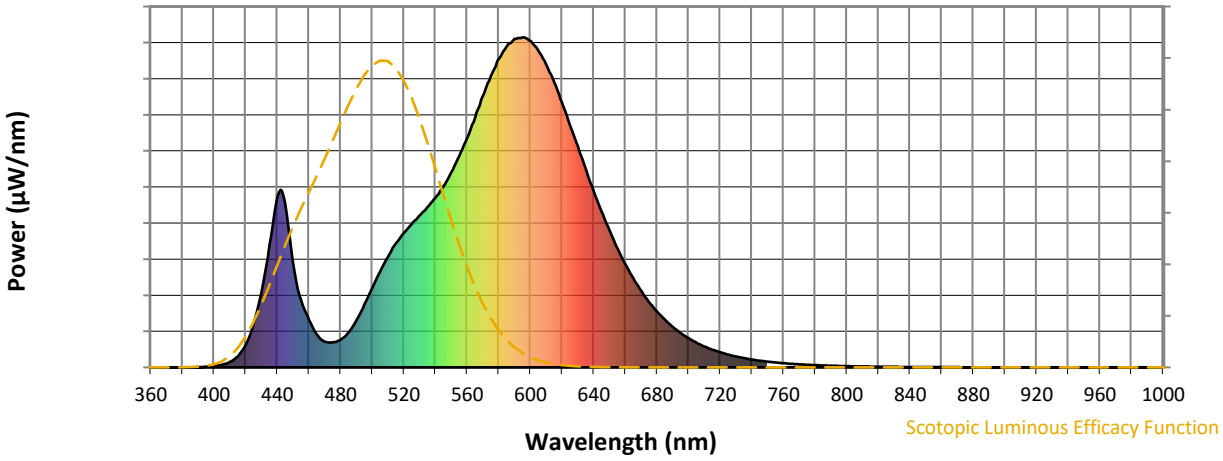


Photopic Lumens: NR

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength

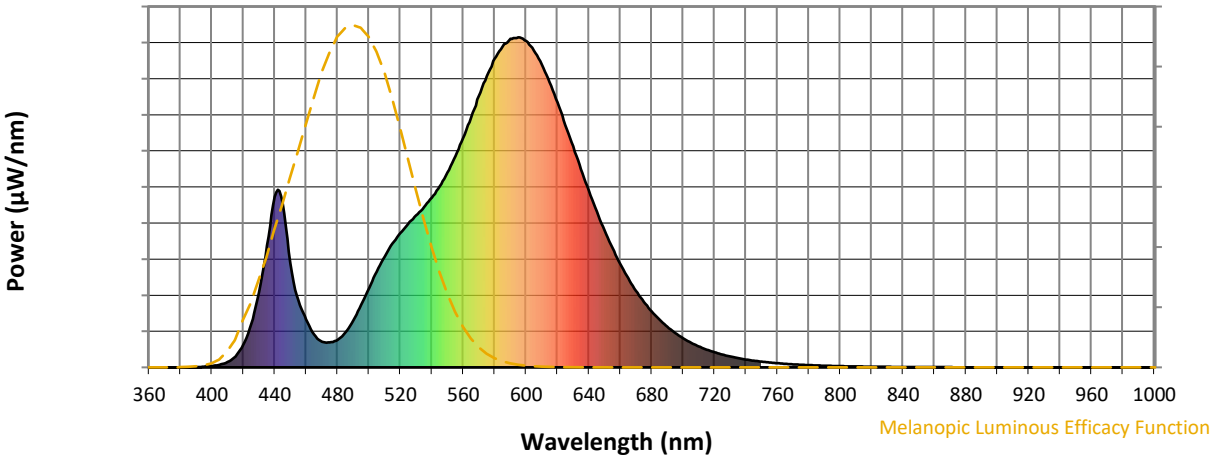


Scotopic Lumens: NR **S/P: 1.19**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.13**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

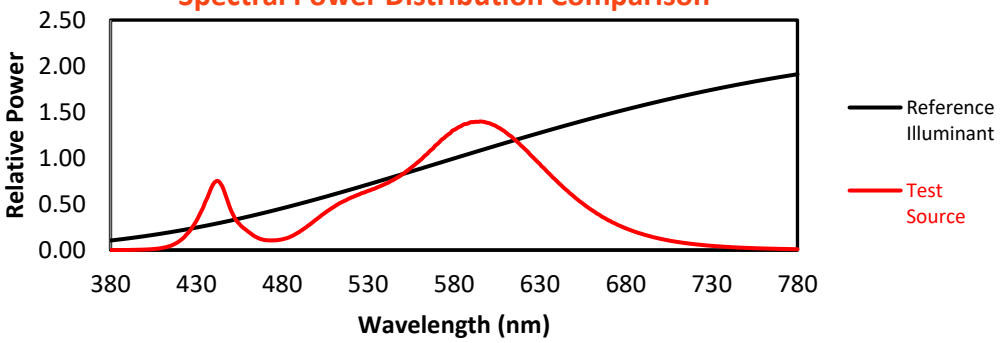
REPORT NUMBER: SP1-2407-184-4

TM-30-18

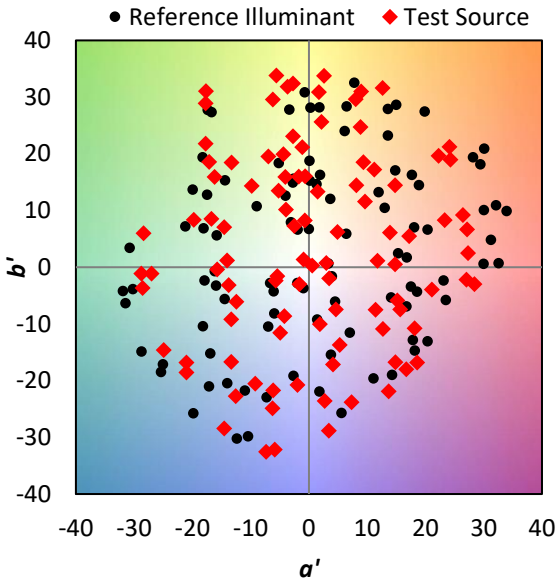
Summary

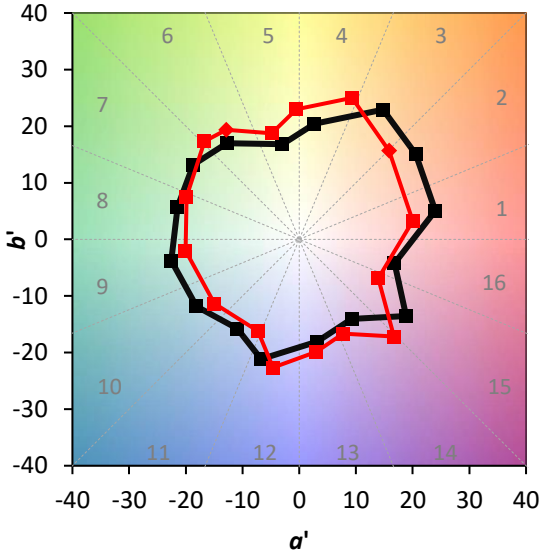
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

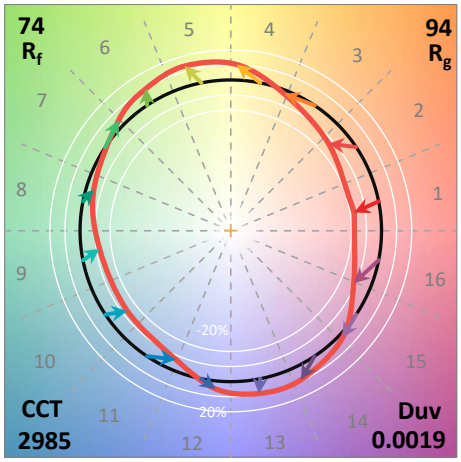
Spectral Power Distribution Comparison

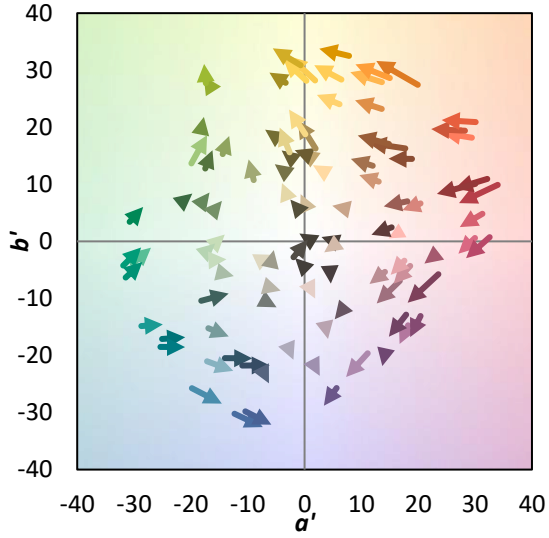


Color Vector Graphics







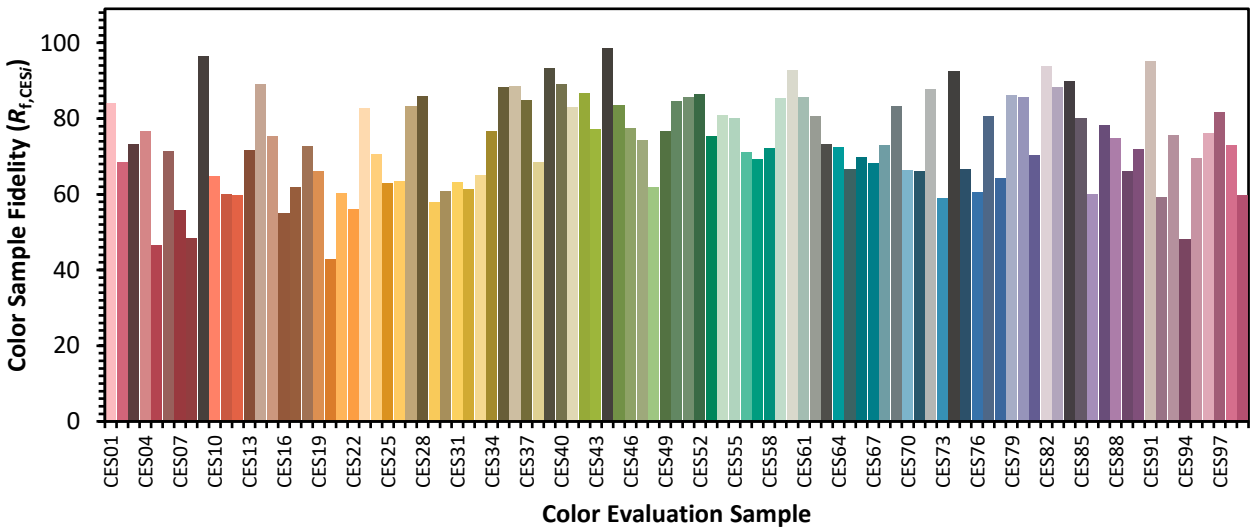


REPORT NUMBER: SP1-2407-184-4

TM-30-18

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

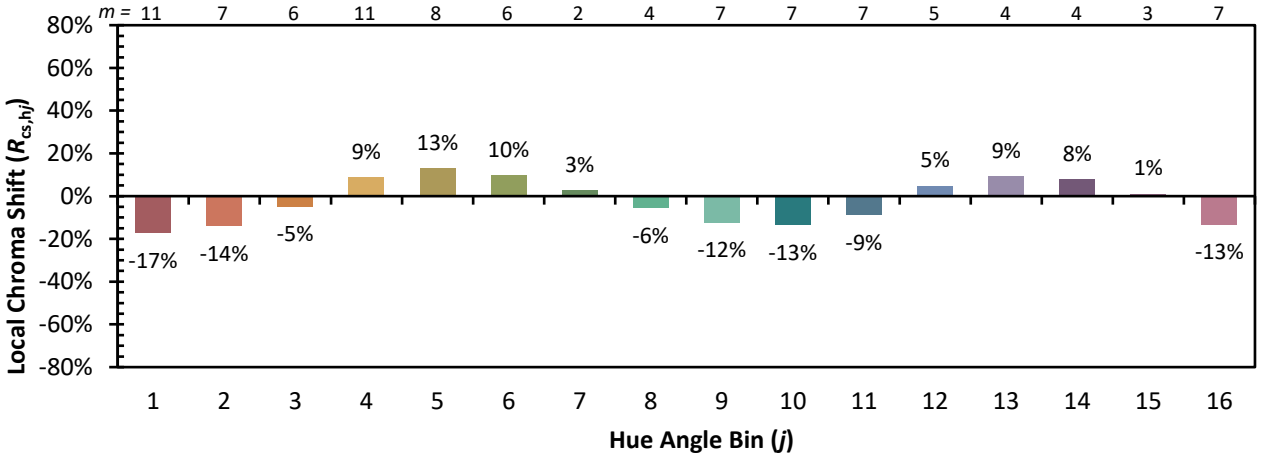
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	

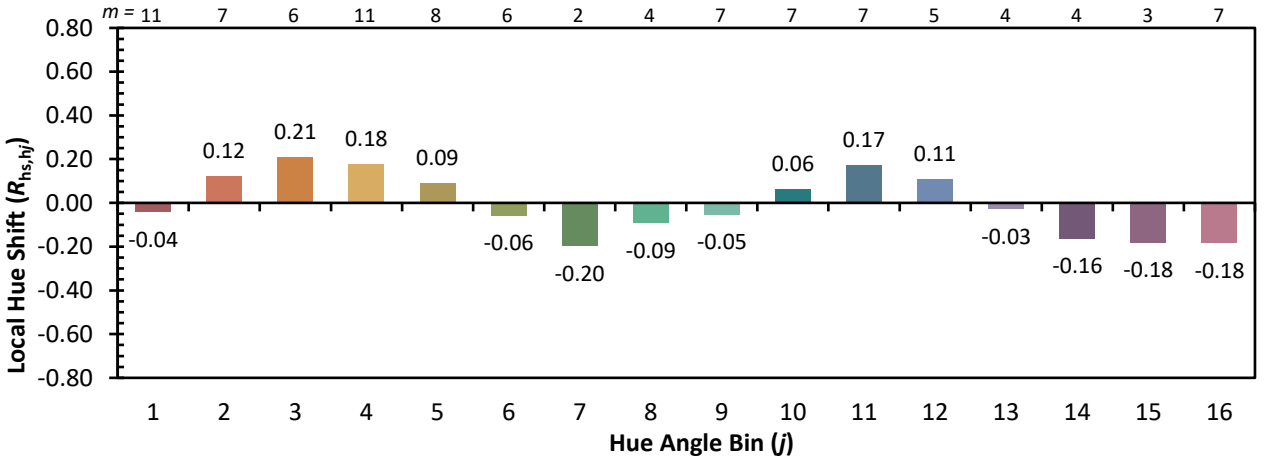


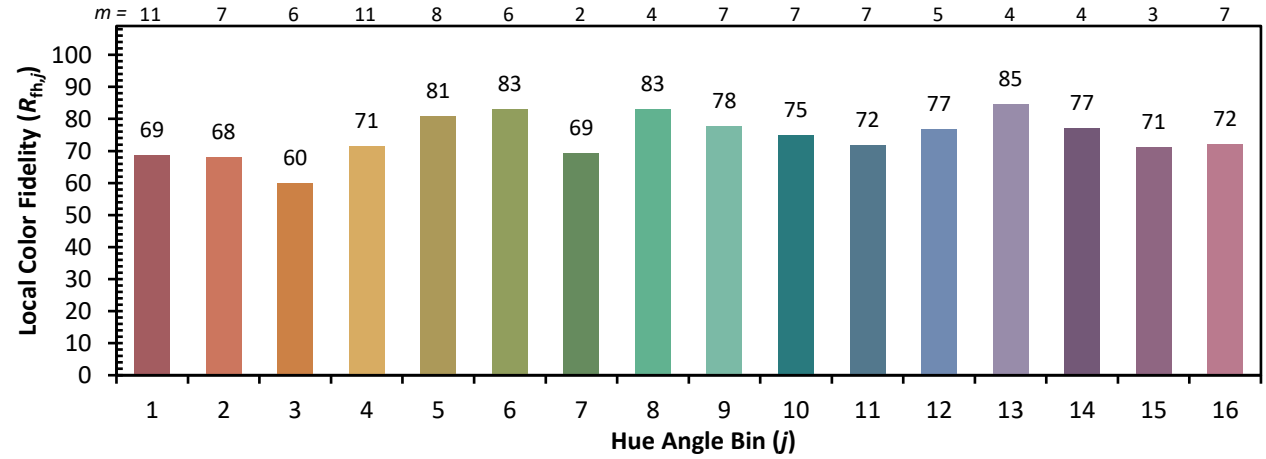
REPORT NUMBER: SP1-2407-184-4

TM-30-18

Color Rendition by Hue-Angle Bin



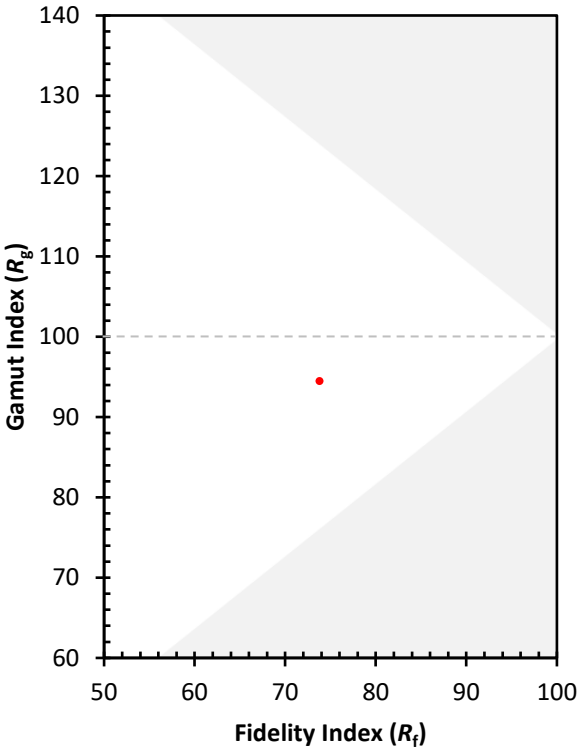


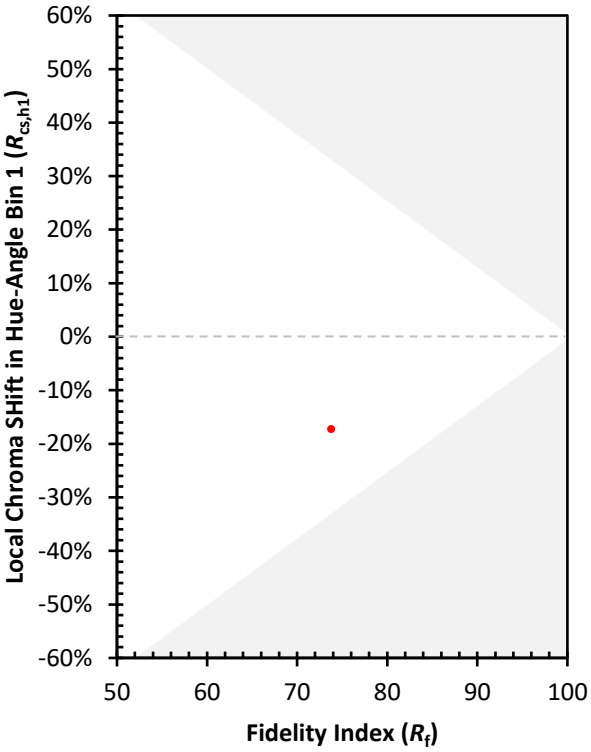


REPORT NUMBER: SP1-2407-184-4

TM-30-18

Measure Comparisons





(END OF REPORT)