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: P1366824

Luminaire Tested: **GSS-SB5B-740-U-T3R-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:	P1366824
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5B-740-U-T3R-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 184W 70CRI 4000K FIXTURE w/ TYPE III ROADWAY DISTRIBUTION OPTIC AND HOUSE SIDE SHIELD
Light Source:	(130) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	23214.2 lumens
Efficiency:	N/A
Efficacy:	126.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B2 - U0 - G4

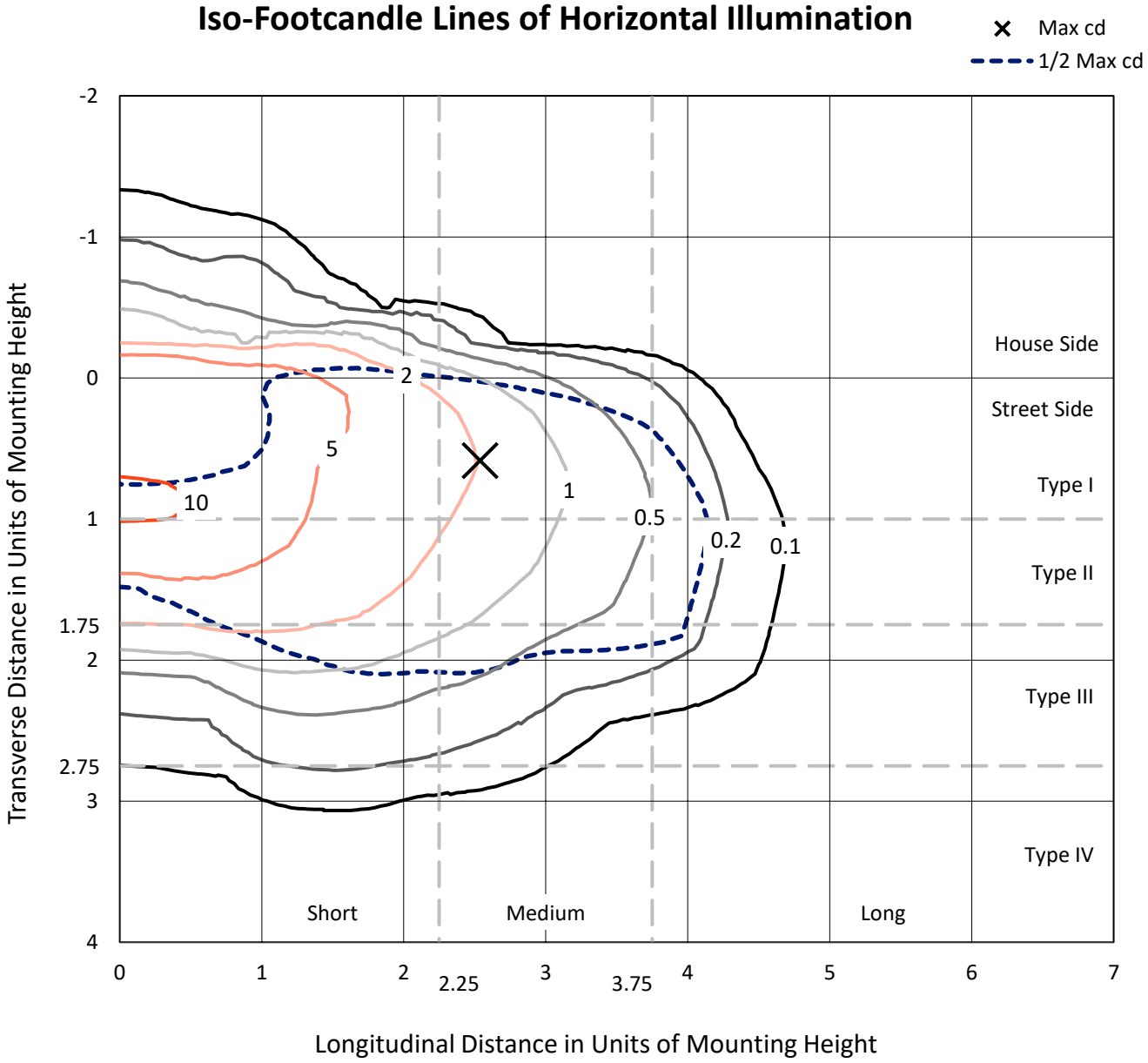
Input Watts (W):	184
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	11.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1366824
CATALOG NUMBER: GSS-SB5B-740-U-T3R-HSS

Iso-Footcandle Lines of Horizontal Illumination



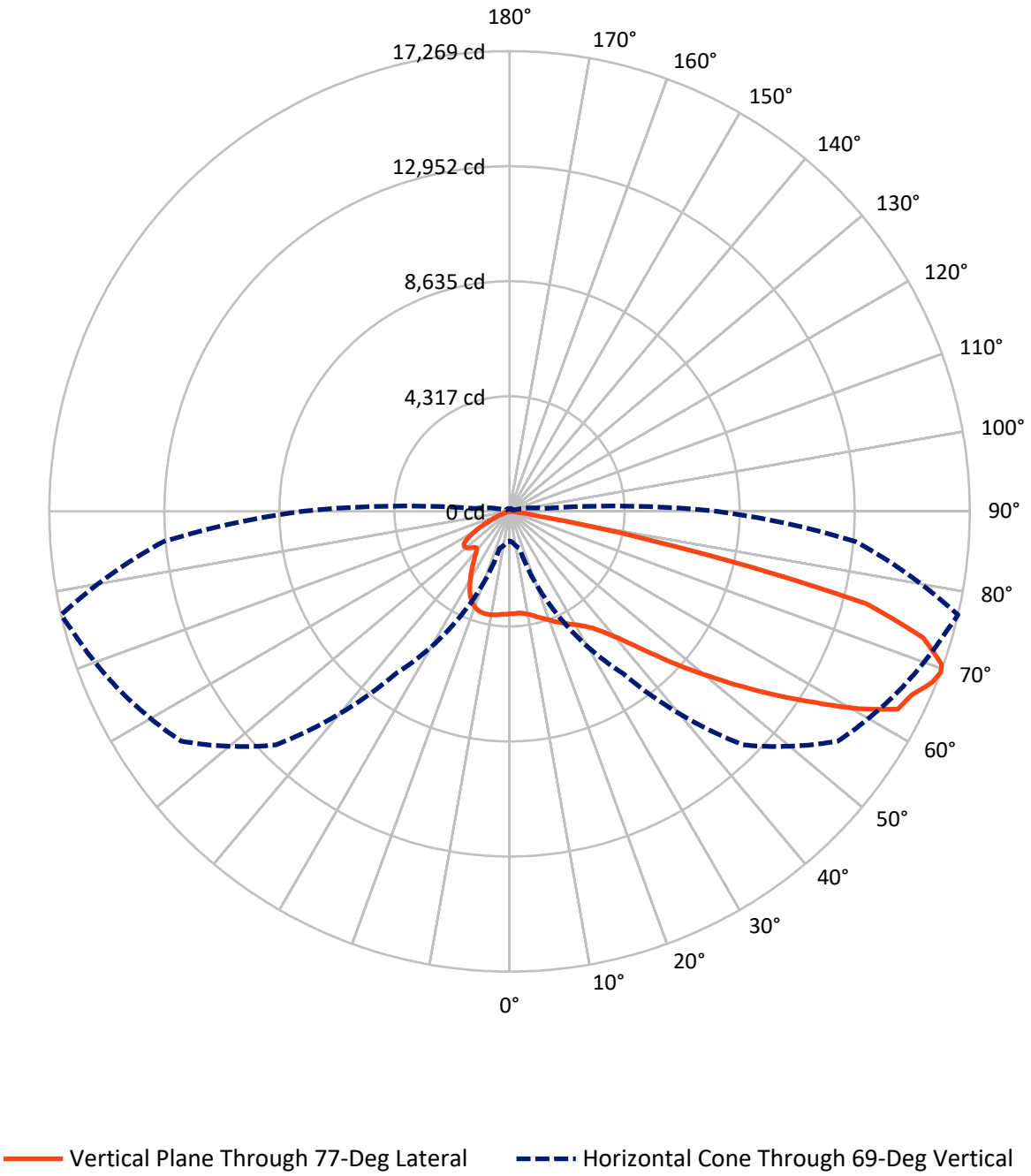
Based on 20 foot mounting height. Maximum calculated value = 11 fc
Type III - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1366824
CATALOG NUMBER: GSS-SB5B-740-U-T3R-HSS

Luminous Intensity Polar Plot



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

Scaled Data Report

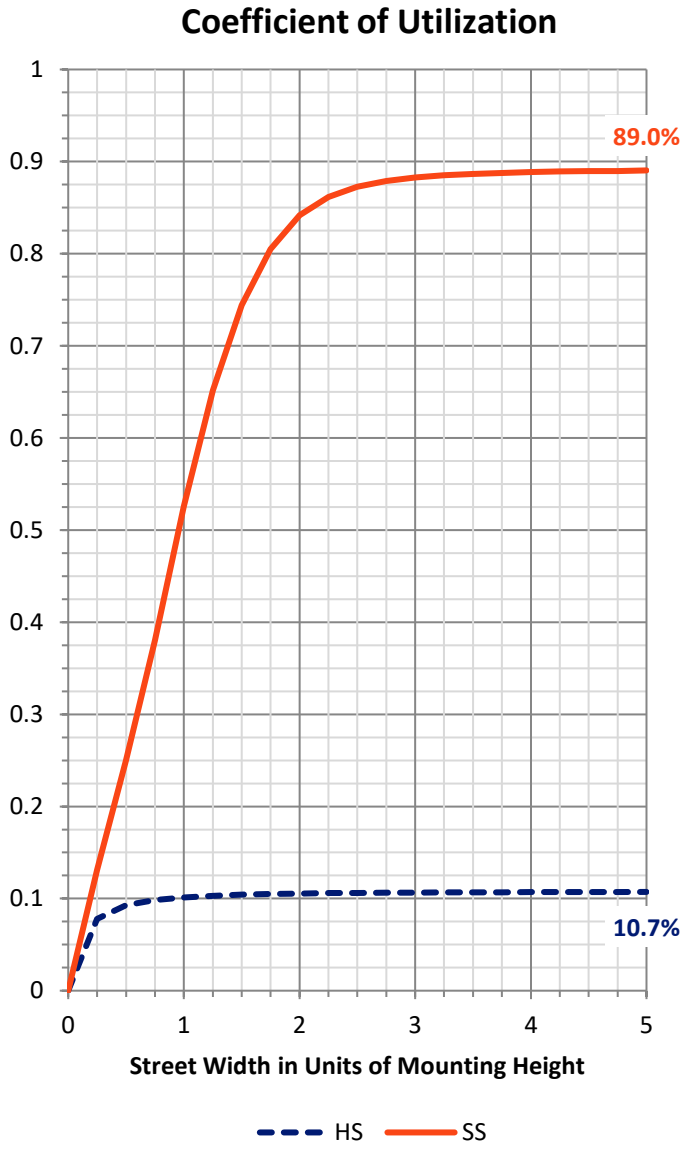
REPORT NUMBER: P1366824
CATALOG NUMBER: GSS-SB5B-740-U-T3R-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2509.2	0.0	2509.2
	% Fixture	10.8	0.0	10.8
Street Side	Lumens	20704.9	0.0	20704.9
	% Fixture	89.2	0.0	89.2
Total	Lumens	23214.2	0.0	23214.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	328.3	1.4
10°-20°	779.5	3.4
20°-30°	1202.7	5.2
30°-40°	2136.4	9.2
40°-50°	4126.8	17.8
50°-60°	5995.9	25.8
60°-70°	5753.9	24.8
70°-80°	2788.4	12.0
80°-90°	102.3	0.4
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°	23214.2	100.0
0°-180°	23214.2	100.0



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

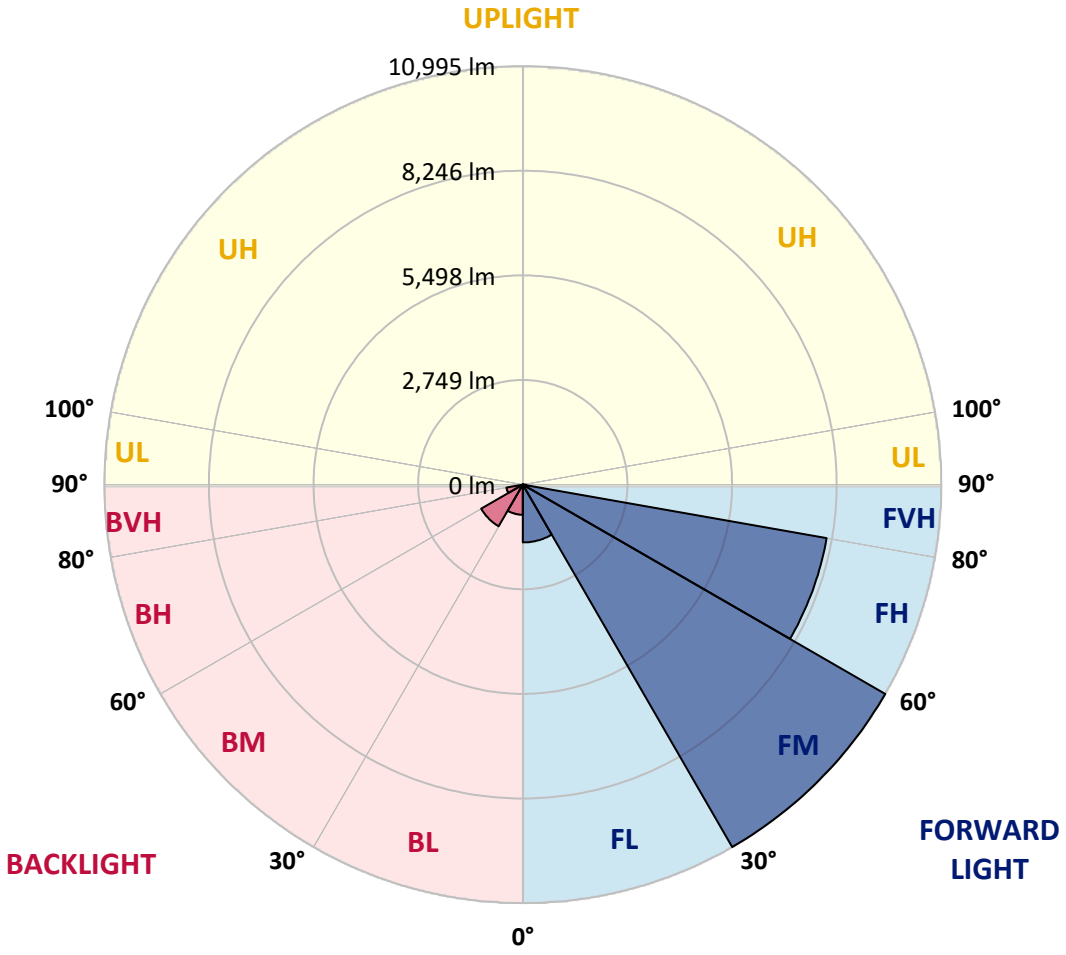
Scaled Data Report

REPORT NUMBER: P1366824
CATALOG NUMBER: GSS-SB5B-740-U-T3R-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1518.7	6.5			
FM	(30°-60°)	10995.2	47.4			
FH	(60°-80°)	8104.9	34.9			G4/12000
FVH	(80°-90°)	86.2	0.4			G1/100
BL	(0°-30°)	791.8	3.4	B2/1000		
BM	(30°-60°)	1263.9	5.4	B2/2500		
BH	(60°-80°)	437.4	1.9	B1/500		G1/500
BVH	(80°-90°)	16.1	0.1			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 III Medium



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

Scaled Data Report

REPORT NUMBER: P1366824
CATALOG NUMBER: GSS-SB5B-740-U-T3R-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	3842.8	3842.8	3842.8	3842.8	3842.8	3842.8	3842.8	3842.8	3842.8	*3842.8*	3842.8
2.5°	3694.8	3708.2	3688.1	3701.5	3721.7	3735.2	3768.8	3782.3	3829.4	*3842.8*	3856.3
5°	3513.1	3526.5	3526.5	3553.5	3587.1	3627.5	3681.3	3735.2	3822.7	*3829.4*	3890.0
7.5°	3297.7	3291.0	3311.2	3365.0	3432.3	3533.3	3627.5	3721.7	3849.6	*3869.8*	3977.4
10°	3021.8	3021.8	3062.2	3136.2	3243.9	3412.1	3573.6	3715.0	3883.2	*3930.3*	4071.7
12.5°	2867.0	2873.7	2893.9	2954.5	3109.3	3304.4	3519.8	3748.6	3970.7	*4017.8*	4213.0
15°	2806.4	2813.1	2840.1	2900.6	3021.8	3250.6	3506.3	3789.0	4064.9	*4125.5*	4361.1
17.5°	2813.1	2806.4	2826.6	2873.7	2994.9	3217.0	3519.8	3856.3	4165.9	*4239.9*	4515.8
20°	2853.5	2853.5	2853.5	2887.2	3001.6	3217.0	3560.2	3950.5	4293.8	*4361.1*	4704.3
22.5°	2927.6	2914.1	2920.8	2934.3	3042.0	3257.3	3620.8	4051.5	4421.6	*4502.4*	4879.3
25°	2981.4	2974.7	2974.7	3001.6	3102.5	3297.7	3681.3	4206.3	4563.0	*4637.0*	5061.0
27.5°	3317.9	3284.3	3176.6	3089.1	3169.8	3385.2	3768.8	4340.9	4711.0	*4791.8*	5229.2
30°	4374.5	4320.7	3990.9	3519.8	3317.9	3486.2	3883.2	4482.2	4872.5	*4939.8*	5444.6
32.5°	5962.8	5895.5	5384.0	4482.2	3809.2	3688.1	4038.0	4650.4	5054.2	*5128.3*	5700.3
35°	7625.1	7537.6	7032.9	6009.9	4852.3	4139.0	4273.6	4865.8	5303.3	*5384.0*	6063.7
37.5°	8850.0	8789.4	8432.7	7584.7	6191.6	4993.7	4663.9	5175.4	5653.2	*5740.7*	6561.8
40°	9866.2	9825.8	9718.2	9011.5	7699.1	6232.0	5323.4	5653.2	6131.0	*6225.3*	7167.5
42.5°	10754.6	10741.1	10788.2	10471.9	9388.4	7665.5	6319.5	6353.1	6783.9	*6884.8*	7934.7
45°	11488.1	11494.9	11683.3	11838.1	11124.7	9233.6	7470.3	7187.7	7571.3	*7705.9*	8769.2
47.5°	12208.3	12154.4	12497.6	12834.2	12578.4	10821.9	8661.5	8129.9	8540.4	*8695.2*	9698.0
50°	12309.2	12329.4	12921.6	13480.2	13702.3	12322.7	9953.7	9186.5	9570.1	*9718.2*	10687.3
52.5°	11737.2	11858.3	12753.4	13776.4	14361.9	13648.5	11299.7	10317.1	10660.4	*10916.1*	11703.5
55°	8944.2	9226.9	12161.1	13453.3	14469.5	14543.6	12544.8	11393.9	11878.5	*12188.1*	12659.2
57.5°	7779.9	7860.7	9469.1	12780.3	14106.1	15021.4	13594.6	12470.7	13197.6	*13540.8*	13628.3
60°	6682.9	6723.3	7961.6	11710.2	13480.2	14826.2	14476.3	13729.2	14631.1	*15028.1*	14456.1
62.5°	3930.3	4246.6	5633.0	9435.5	12699.6	14570.5	15149.3	15028.1	15990.5	*16347.2*	14557.0
65°	1992.1	2167.1	3008.3	6992.5	11346.8	14429.2	15761.7	15761.7	16246.3	*16589.5*	13816.7
67.5°	1292.2	1359.5	1696.0	5195.6	8816.3	13897.5	15506.0	15775.2	16737.6	*17114.4*	13513.9
69°	*1110.5*	*1157.6*	*1440.2*	*4307.2*	*7423.2*	*12390.0*	*15034.9*	*16064.6*	*17040.4*	*17269.2*	*13036.1*
70°	996.0	1036.4	1312.4	3755.4	6447.4	10451.7	14765.7	16152.1	16993.3	*17201.9*	12551.5
72.5°	693.2	699.9	975.9	2220.9	4085.1	6642.5	11979.4	15445.4	16232.8	*16232.8*	11057.4
75°	289.4	343.2	551.9	975.9	1702.7	3681.3	5801.3	13170.7	14085.9	*13843.7*	8520.2
77.5°	228.8	269.2	477.8	538.4	619.2	1521.0	2059.4	7705.9	6716.6	*6339.7*	2786.2
80°	168.3	195.2	403.8	363.4	228.8	444.2	511.5	1756.5	1258.5	*1103.7*	424.0
82.5°	74.0	94.2	309.6	228.8	127.9	141.3	188.4	370.2	363.4	*323.0*	175.0
85°	40.4	60.6	134.6	80.8	53.8	53.8	74.0	114.4	101.0	*101.0*	74.0
87.5°	0.0	0.0	6.7	6.7	13.5	20.2	26.9	40.4	47.1	*47.1*	47.1
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: P1366824
CATALOG NUMBER: GSS-SB5B-740-U-T3R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3842.8	3842.8	3842.8	3842.8	3842.8	3842.8	3842.8	3842.8	3842.8	3842.8	3842.8
2.5°	3856.3	3863.0	3863.0	3842.8	3822.7	3795.7	3748.6	3721.7	3708.2	3694.8	3688.1
5°	3890.0	3903.4	3869.8	3782.3	3674.6	3526.5	3391.9	3284.3	3190.0	3169.8	3149.6
7.5°	3977.4	3990.9	3890.0	3667.9	3391.9	3142.9	2873.7	2685.3	2530.5	2496.8	2503.6
10°	4091.9	4105.3	3896.7	3513.1	3095.8	2671.8	2301.7	1978.6	1770.0	1722.9	1662.3
12.5°	4253.4	4239.9	3876.5	3317.9	2718.9	2120.0	1621.9	1272.0	1097.0	989.3	1009.5
15°	4408.2	4374.5	3836.1	3075.6	2241.1	1514.3	1023.0	827.8	767.2	760.5	760.5
17.5°	4596.6	4515.8	3762.1	2759.3	1696.0	1016.2	774.0	733.6	720.1	726.8	720.1
20°	4771.6	4623.5	3640.9	2362.2	1218.1	780.7	720.1	699.9	693.2	686.5	686.5
22.5°	4960.0	4711.0	3459.2	1904.6	874.9	713.4	686.5	666.3	646.1	639.4	639.4
25°	5141.7	4771.6	3217.0	1447.0	720.1	673.0	639.4	612.4	592.2	578.8	578.8
27.5°	5296.5	4791.8	2914.1	1056.6	659.5	632.6	585.5	551.9	524.9	518.2	518.2
30°	5478.2	4785.0	2543.9	794.1	619.2	578.8	524.9	477.8	457.6	464.4	464.4
32.5°	5666.7	4812.0	2173.8	666.3	578.8	518.2	444.2	403.8	390.3	390.3	397.1
35°	5909.0	4852.3	1823.8	625.9	538.4	444.2	376.9	329.8	323.0	336.5	336.5
37.5°	6225.3	4899.5	1487.3	619.2	504.8	383.6	309.6	282.7	275.9	282.7	282.7
40°	6669.5	5047.5	1171.0	619.2	477.8	343.2	262.5	249.0	249.0	249.0	249.0
42.5°	7302.1	5384.0	955.7	612.4	464.4	316.3	235.6	222.1	222.1	228.8	228.8
45°	7981.8	5895.5	888.4	592.2	450.9	316.3	222.1	208.6	215.4	215.4	215.4
47.5°	8634.6	6413.7	908.6	558.6	437.5	323.0	215.4	201.9	201.9	201.9	201.9
50°	9213.4	6777.1	942.2	511.5	410.5	316.3	215.4	188.4	195.2	195.2	195.2
52.5°	9819.1	6931.9	955.7	444.2	370.2	302.9	215.4	181.7	181.7	188.4	188.4
55°	10330.6	6884.8	901.8	376.9	323.0	282.7	201.9	175.0	175.0	175.0	175.0
57.5°	10761.3	6541.6	733.6	316.3	275.9	235.6	188.4	168.3	168.3	168.3	168.3
60°	10916.1	5680.1	538.4	269.2	222.1	195.2	175.0	161.5	154.8	154.8	148.1
62.5°	10323.9	4381.2	370.2	228.8	188.4	168.3	154.8	148.1	141.3	127.9	121.1
65°	9206.7	3015.0	269.2	188.4	161.5	141.3	141.3	134.6	114.4	101.0	94.2
67.5°	8358.7	1850.8	215.4	154.8	134.6	121.1	121.1	121.1	107.7	87.5	87.5
69°	*7773.2*	*1285.4*	*195.2*	*141.3*	*121.1*	*107.7*	*107.7*	*114.4*	*101.0*	*80.8*	*80.8*
70°	7268.4	1009.5	181.7	127.9	107.7	101.0	101.0	107.7	94.2	74.0	74.0
72.5°	6063.7	498.0	154.8	107.7	87.5	80.8	87.5	87.5	80.8	60.6	60.6
75°	4421.6	296.1	127.9	87.5	67.3	60.6	74.0	74.0	60.6	47.1	47.1
77.5°	1433.5	175.0	101.0	74.0	60.6	53.8	60.6	53.8	47.1	33.7	33.7
80°	302.9	107.7	74.0	53.8	47.1	40.4	40.4	33.7	33.7	26.9	26.9
82.5°	134.6	80.8	53.8	47.1	33.7	33.7	26.9	26.9	20.2	20.2	20.2
85°	67.3	53.8	40.4	33.7	26.9	26.9	20.2	20.2	20.2	20.2	20.2
87.5°	47.1	40.4	33.7	20.2	20.2	20.2	13.5	13.5	13.5	13.5	13.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

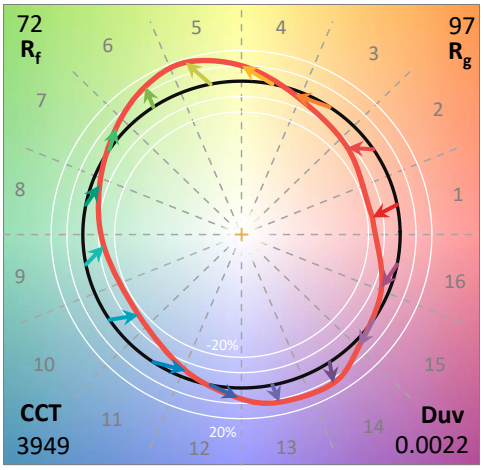
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-1
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-740-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949
CIE u':	0.2248
CIE v':	0.5053
Duv:	0.0022
CIE x:	0.3844
CIE y:	0.3840
CIE z:	0.2316
Peak Wavelength (nm):	440
Dominant Wavelength (nm):	578
Purity:	30.60026
Rf:	71.8
Rg:	96.5

CRI (Ra):	70.7
R1:	68.0
R2:	76.0
R3:	84.3
R4:	72.0
R5:	68.6
R6:	68.3
R7:	77.9
R8:	50.3
R9:	-36.7
R10:	45.1
R11:	70.7
R12:	47.1
R13:	68.5
R14:	91.1
R15:	58.7



Test Conditions

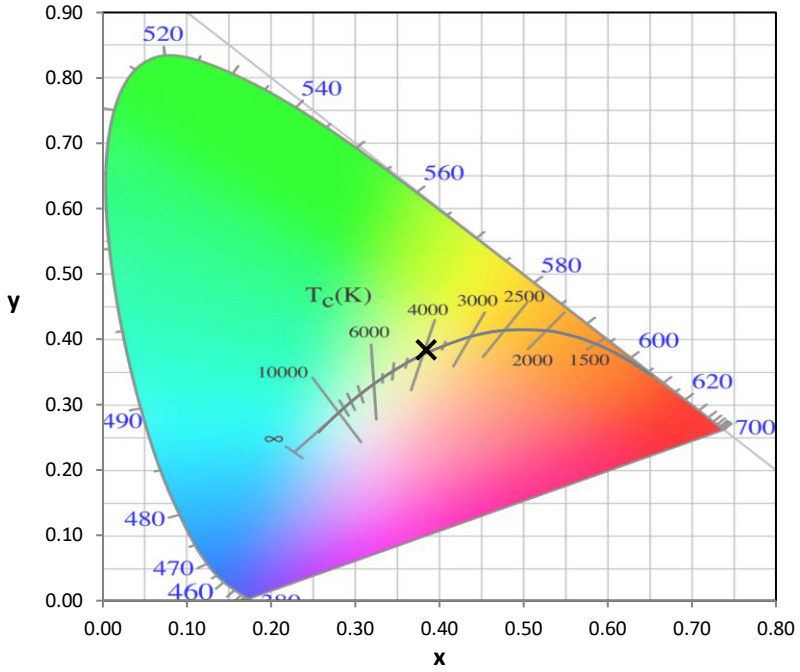
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

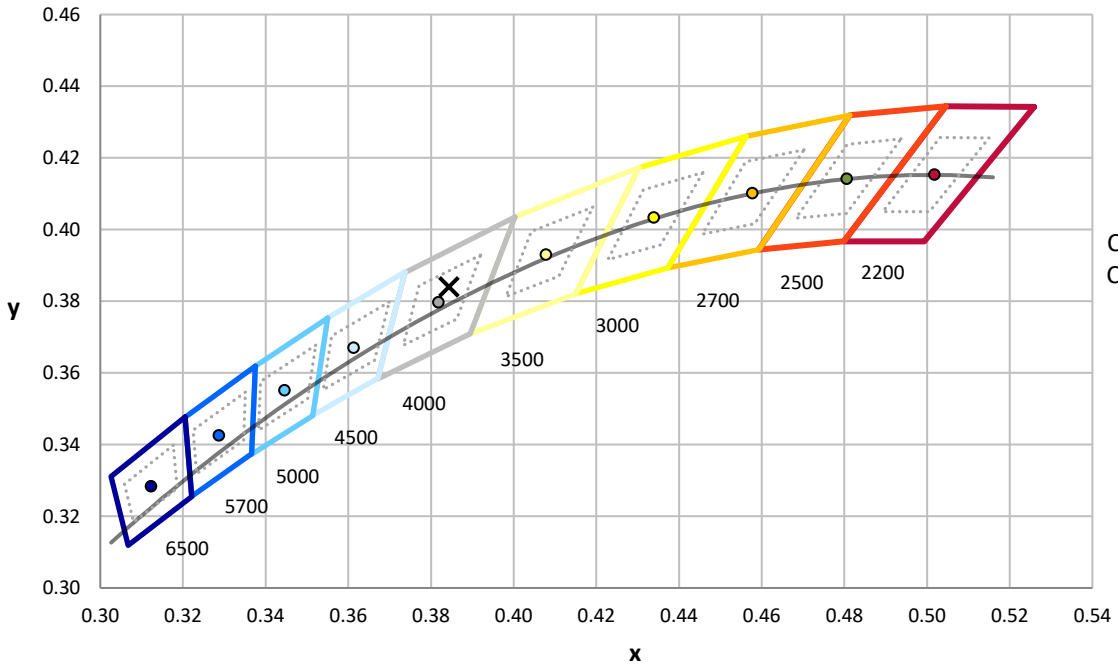
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



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

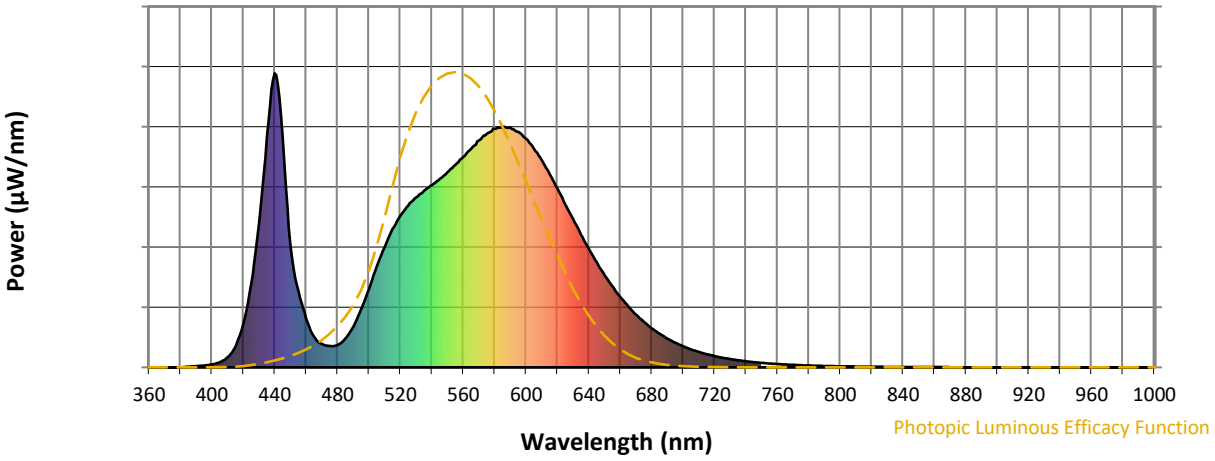


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

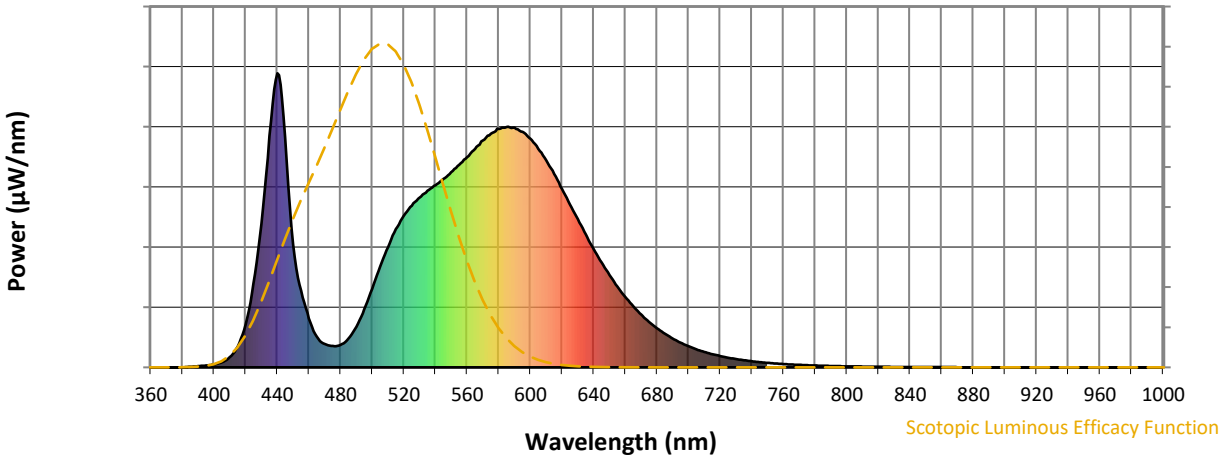


Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Scotopic Flux vs. Wavelength

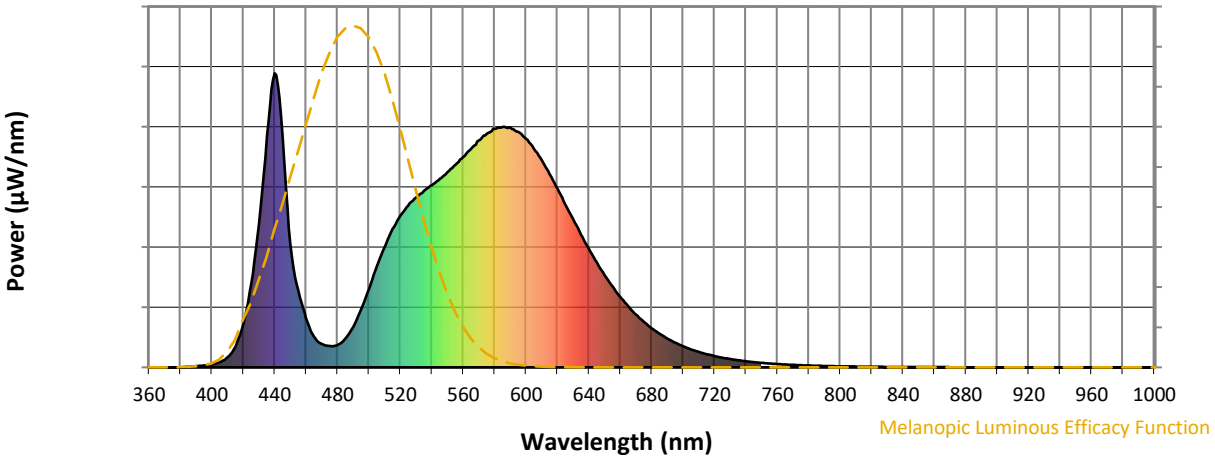


Scotopic Lumens: NR **S/P: 1.47**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.78**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

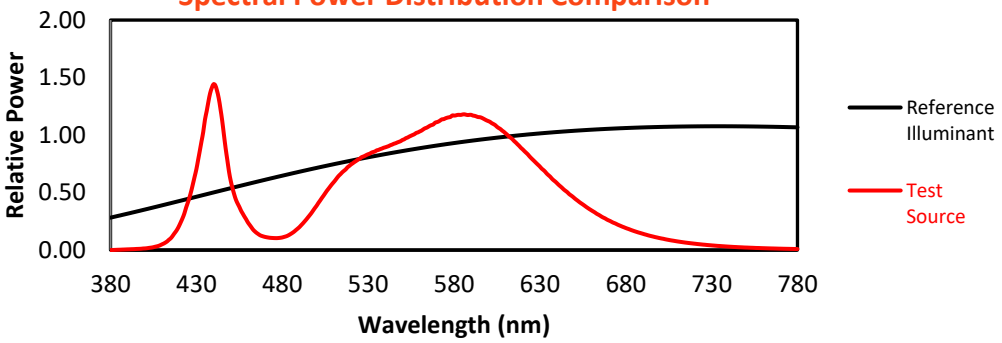
REPORT NUMBER: SP1-2407-184-1

TM-30-18

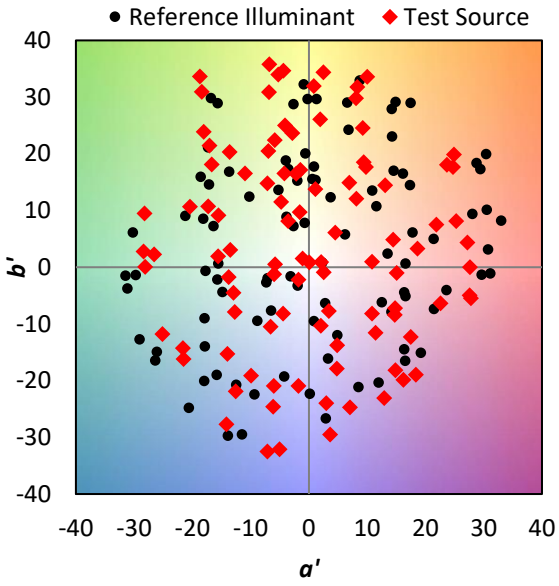
Summary

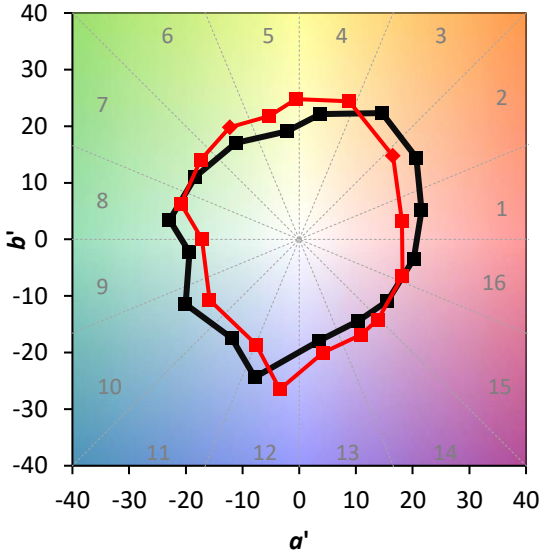
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

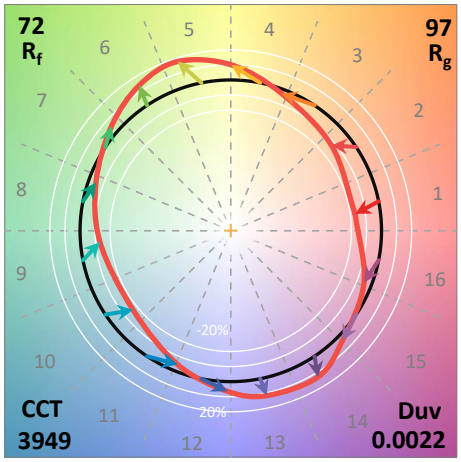
Spectral Power Distribution Comparison

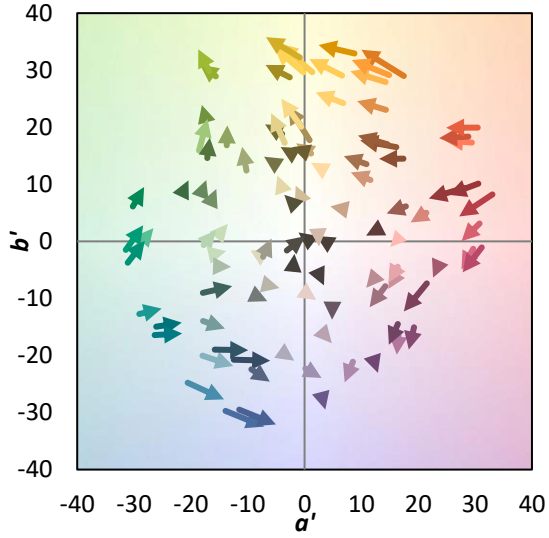


Color Vector Graphics







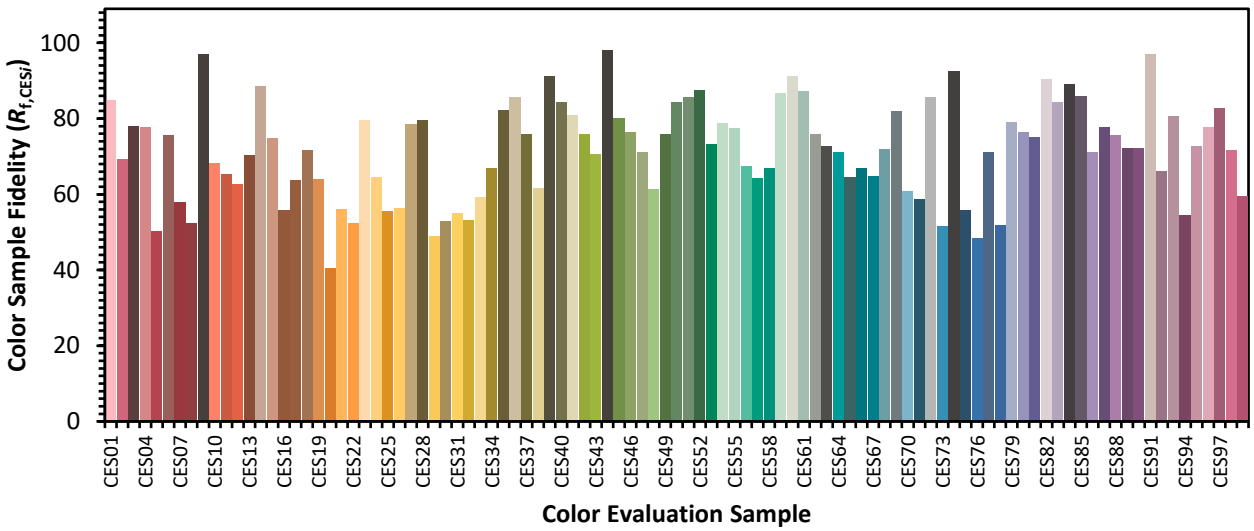


REPORT NUMBER: SP1-2407-184-1

TM-30-18

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

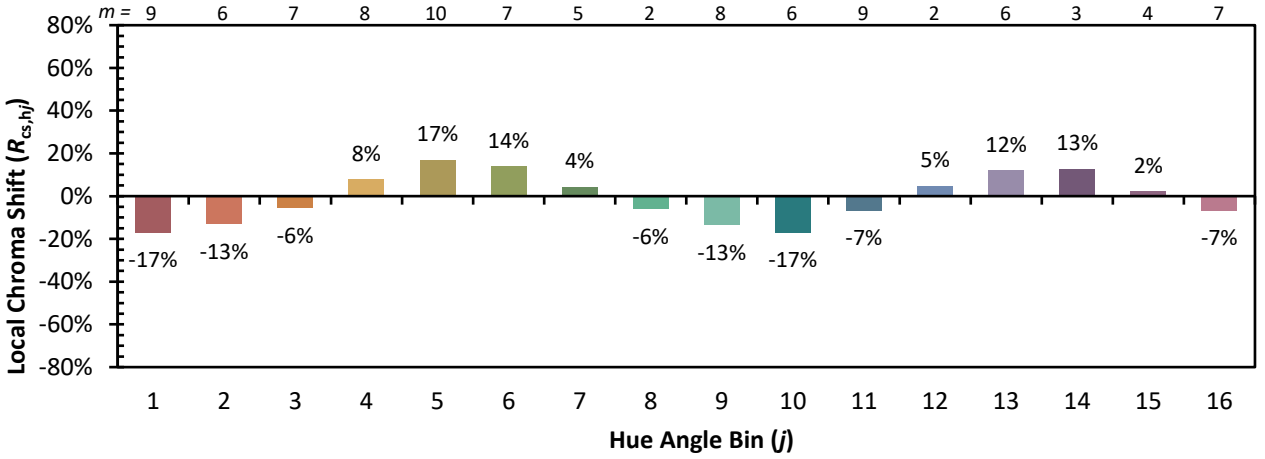
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	

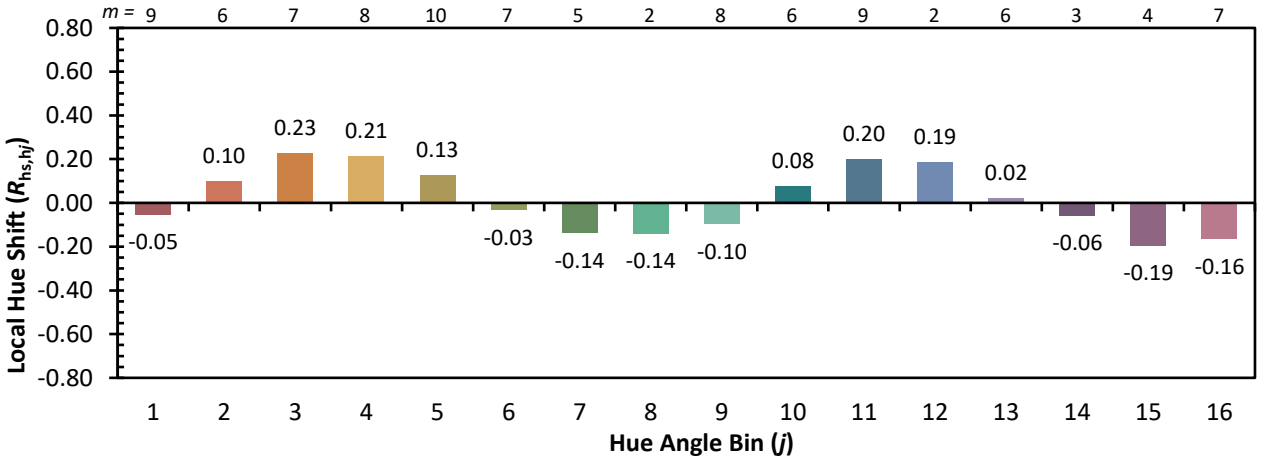


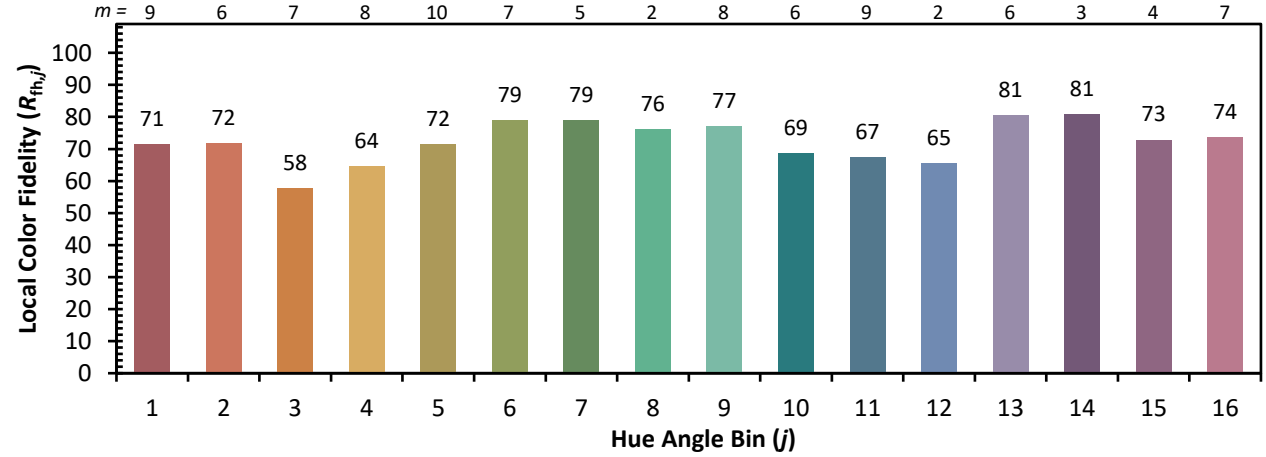
REPORT NUMBER: SP1-2407-184-1

TM-30-18

Color Rendition by Hue-Angle Bin



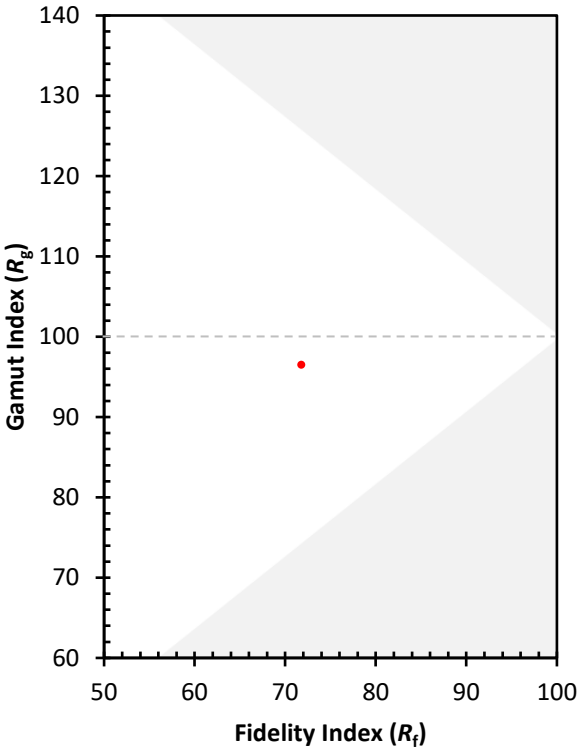


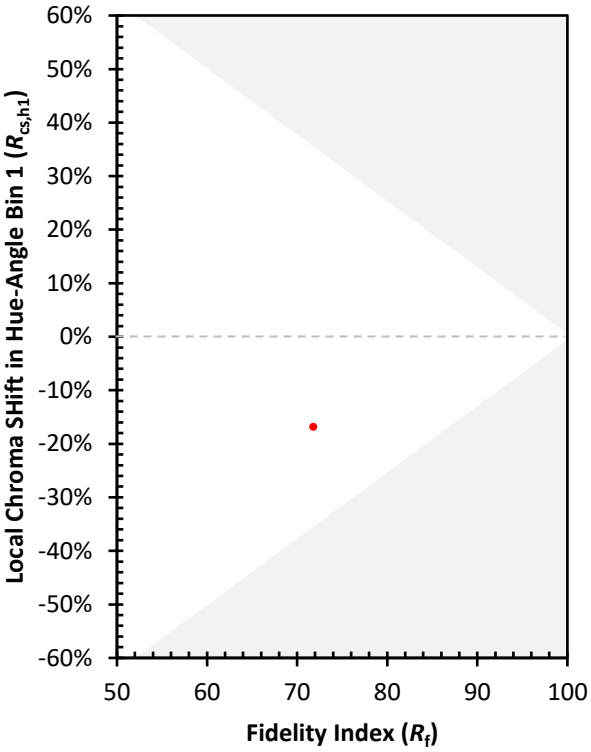


REPORT NUMBER: SP1-2407-184-1

TM-30-18

Measure Comparisons





(END OF REPORT)