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: P1358381

Luminaire Tested: **GSS-SB6C-740-U-SL4**

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:	P1358381
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB6C-740-U-SL4
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 6SQUARE 300W 70CRI 4000K FIXTURE w/ TYPE IV SPILL CONTROL DISTRIBUTION OPTIC
Light Source:	(156) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	44023.8 lumens
Efficiency:	N/A
Efficacy:	146.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B4 - U0 - G5

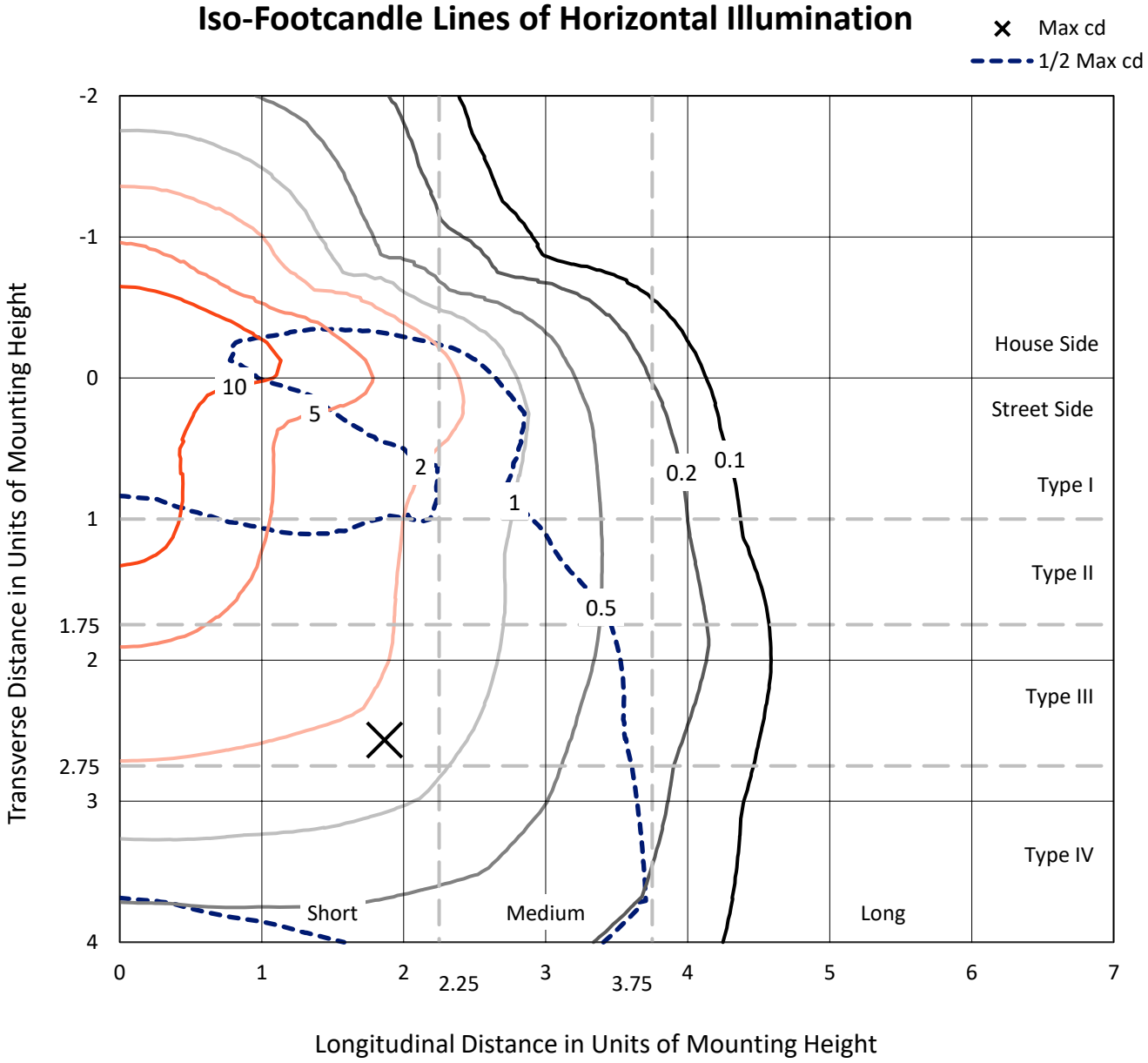
Input Watts (W):	300
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1358381
CATALOG NUMBER: GSS-SB6C-740-U-SL4

Iso-Footcandle Lines of Horizontal Illumination



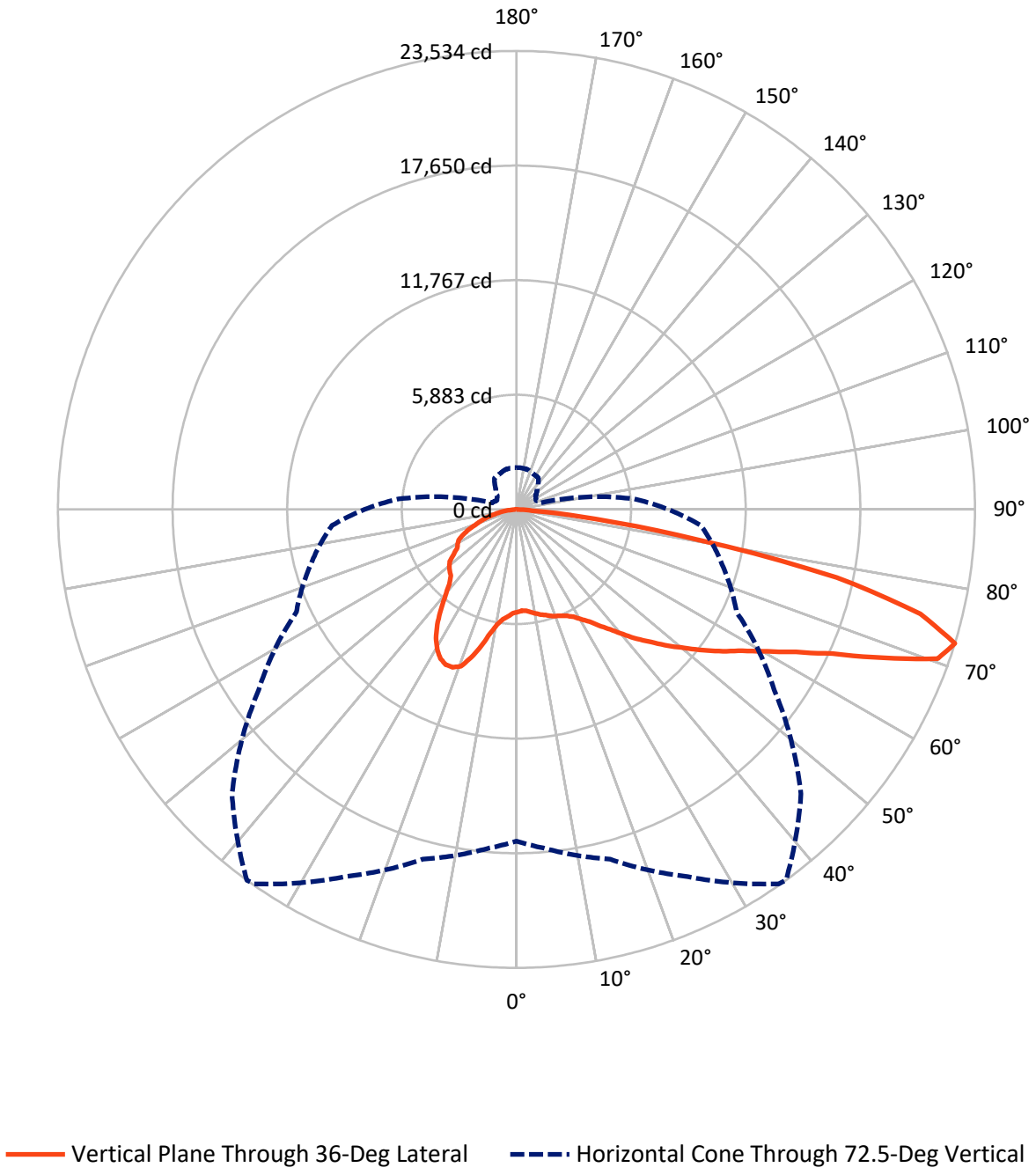
Based on 20 foot mounting height. Maximum calculated value = 17.7 fc
Type IV - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1358381
CATALOG NUMBER: GSS-SB6C-740-U-SL4

Luminous Intensity Polar Plot



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

Scaled Data Report

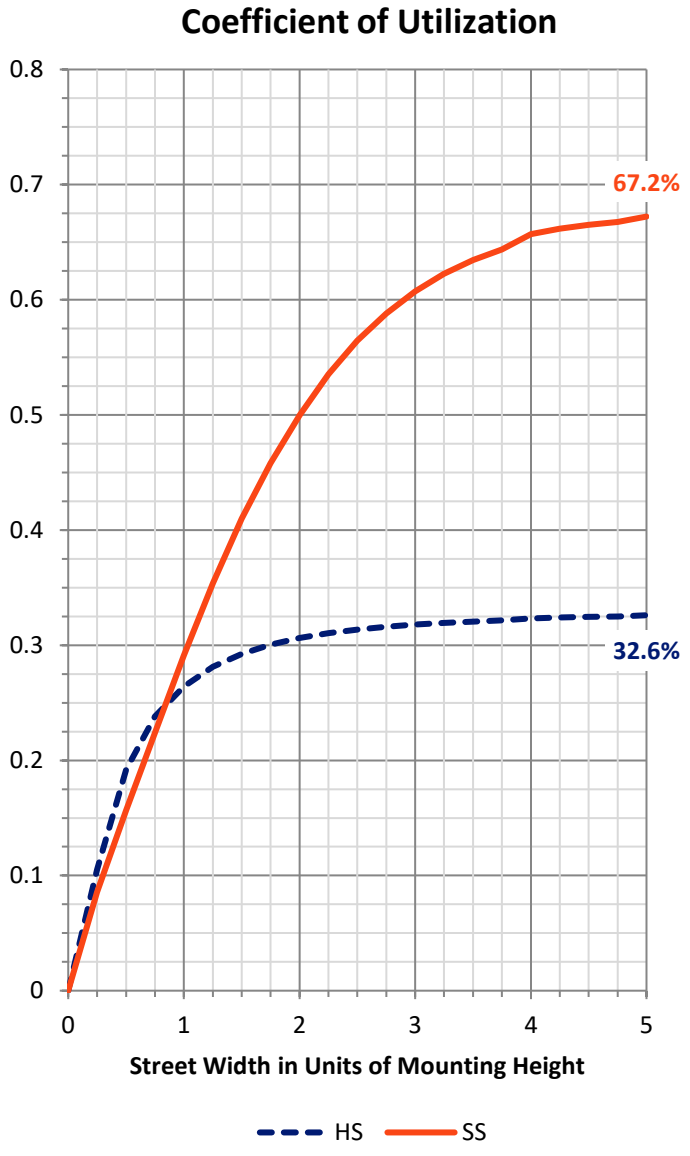
REPORT NUMBER: P1358381
CATALOG NUMBER: GSS-SB6C-740-U-SL4

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	14487.8	0.0	14487.8
	% Fixture	32.9	0.0	32.9
Street Side	Lumens	29536.0	0.0	29536.0
	% Fixture	67.1	0.0	67.1
Total	Lumens	44023.8	0.0	44023.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	521.9	1.2
10°-20°	1799.2	4.1
20°-30°	3416.3	7.8
30°-40°	4988.3	11.3
40°-50°	6634.8	15.1
50°-60°	8506.7	19.3
60°-70°	10006.5	22.7
70°-80°	7495.8	17.0
80°-90°	654.4	1.5
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°	44023.8	100.0
0°-180°	44023.8	100.0



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

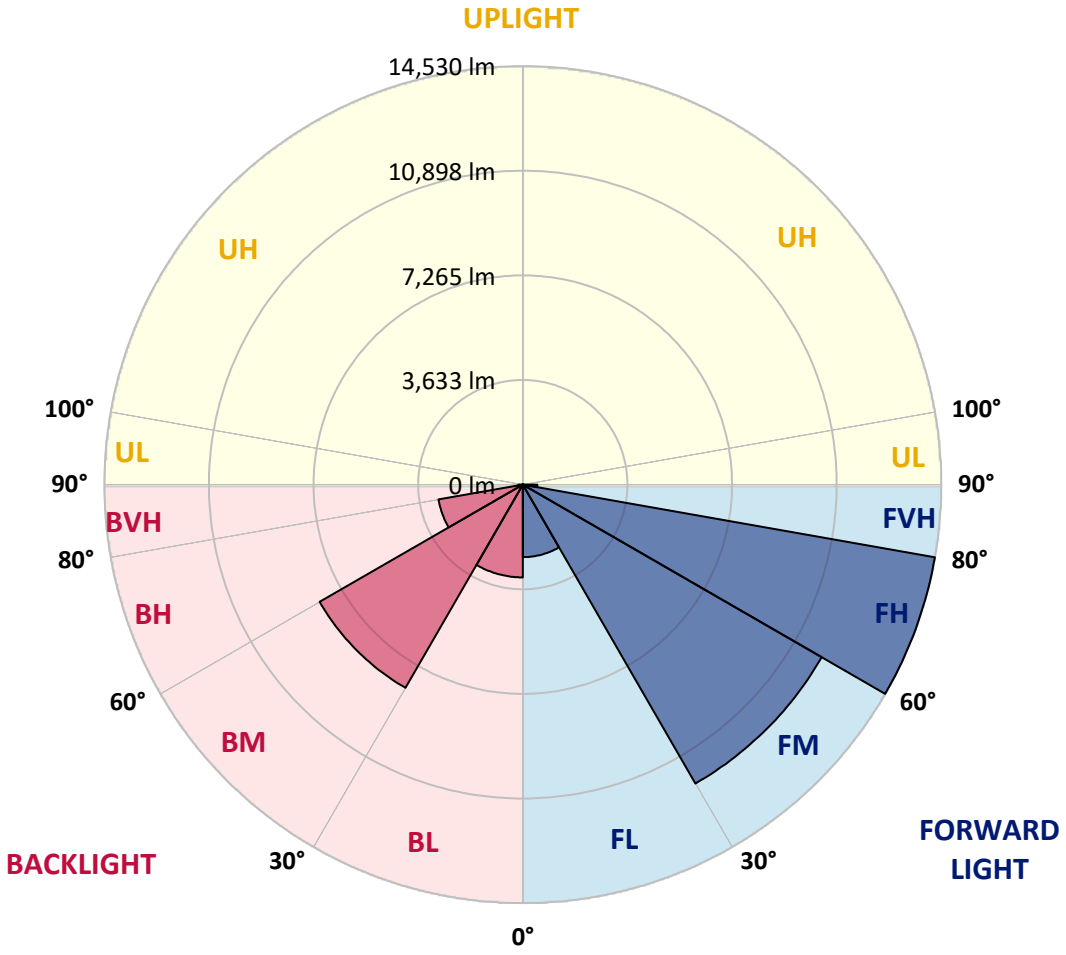
Scaled Data Report

REPORT NUMBER: P1358381
CATALOG NUMBER: GSS-SB6C-740-U-SL4

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2516.8	5.7			
FM	(30°-60°)	11984.8	27.2			
FH	(60°-80°)	14530.4	33.0			G5
FVH	(80°-90°)	504.1	1.1			G4/750
BL	(0°-30°)	3220.6	7.3	B4/5000		
BM	(30°-60°)	8145.0	18.5	B4/8500		
BH	(60°-80°)	2971.9	6.8	B4/5000		G4/5000
BVH	(80°-90°)	150.3	0.3			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5
Type IV Short



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

Scaled Data Report

REPORT NUMBER: P1358381
CATALOG NUMBER: GSS-SB6C-740-U-SL4

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°	85°
0°	5271.9	5271.9	5271.9	5271.9	5271.9	5271.9	5271.9	5271.9	5271.9	5271.9	5271.9
2.5°	5231.9	5202.0	5221.9	5202.0	5202.0	5202.0	5221.9	5221.9	5251.9	5251.9	5251.9
5°	5271.9	5261.9	5271.9	5261.9	5231.9	5231.9	5251.9	5231.9	5281.8	5261.9	5291.8
7.5°	5381.7	5361.7	5361.7	5331.8	5341.7	5321.8	5341.7	5311.8	5341.7	5321.8	5321.8
10°	5511.5	5481.5	5491.5	5451.6	5421.6	5431.6	5451.6	5421.6	5431.6	5441.6	5441.6
12.5°	5621.3	5601.3	5601.3	5521.5	5541.4	5541.4	5561.4	5531.5	5551.4	5541.4	5581.4
15°	5761.1	5731.1	5711.2	5651.3	5641.3	5631.3	5661.3	5631.3	5681.2	5671.2	5721.2
17.5°	5890.9	5860.9	5841.0	5741.1	5721.2	5751.1	5761.1	5741.1	5791.1	5811.0	5910.9
20°	6010.7	6020.7	5950.8	5831.0	5831.0	5841.0	5841.0	5841.0	5920.9	5950.8	6060.6
22.5°	6220.4	6200.4	6130.5	5990.7	5930.8	5930.8	6020.7	5960.8	6010.7	6080.6	6270.3
25°	6490.0	6450.0	6330.2	6150.5	6050.7	6060.6	6090.6	6050.7	6110.6	6190.4	6480.0
27.5°	6969.2	6919.3	6709.6	6350.2	6230.4	6240.4	6250.3	6140.5	6130.5	6260.3	6659.7
30°	7668.2	7608.2	7288.7	6839.4	6519.9	6539.9	6430.1	6230.4	6160.5	6300.3	6869.4
32.5°	8427.0	8347.1	8027.6	7388.6	6959.2	6859.4	6649.7	6300.3	6190.4	6340.2	7059.1
35°	9335.6	9265.7	8876.3	7977.7	7388.6	7328.7	6909.3	6450.0	6270.3	6370.2	7238.8
37.5°	10623.6	10443.9	9974.6	8736.5	7907.8	7817.9	7248.8	6659.7	6280.3	6350.2	7488.4
40°	11731.9	11552.2	11042.9	9695.0	8566.8	8427.0	7748.0	6909.3	6380.1	6390.1	7807.9
42.5°	12890.1	12720.3	12171.2	10503.8	9155.9	9086.0	8187.4	7208.9	6509.9	6500.0	8167.4
45°	14108.2	14118.2	13269.5	11472.3	9854.8	9715.0	8726.5	7608.2	6749.6	6629.8	8756.5
47.5°	15825.6	15635.8	14597.4	12400.8	10633.6	10453.8	9295.6	8027.6	7109.0	6929.3	9415.5
50°	17213.4	17073.6	15815.6	13469.2	11362.4	11172.7	9964.6	8486.9	7428.5	7348.6	10294.1
52.5°	18371.6	18132.0	16973.8	14477.6	12181.2	12011.4	10513.8	8936.2	7877.8	7837.9	11322.5
55°	19010.6	18761.0	17772.5	15416.2	13109.7	12850.1	11132.8	9475.4	8417.0	8437.0	12470.7
57.5°	19509.9	19250.3	18281.8	16125.1	14028.3	13678.9	11811.8	10064.5	9056.0	9245.7	14038.3
60°	19689.6	19430.0	18711.1	17063.6	15016.8	14797.1	12580.6	10793.3	9794.9	10194.3	15566.0
62.5°	19949.2	20009.1	19499.9	18211.9	16304.8	16115.1	13569.0	11691.9	10703.5	11023.0	16105.1
65°	20158.9	20128.9	20188.8	19799.4	18102.0	17832.5	15036.8	12860.1	11312.5	11302.5	15835.5
67.5°	19669.6	19699.6	20019.1	20977.6	20598.2	20338.6	16933.8	13938.5	11602.1	11831.7	14976.9
70°	19300.2	19390.0	19819.4	21017.5	22914.6	22944.6	19579.8	14857.0	12430.8	11831.7	12580.6
72.5°	17023.7	17483.0	18591.3	20797.9	23463.8	23533.6	20648.1	16145.1	12460.7	10933.1	9505.3
75°	11272.6	11632.0	14587.5	18661.2	21516.8	21406.9	19120.5	15526.0	11662.0	8916.2	6050.7
77.5°	3324.9	4003.8	6829.4	11572.1	16105.1	16804.0	15685.8	10623.6	8646.6	4183.5	2156.7
80°	948.5	1058.4	1907.1	4063.7	8696.6	9445.4	9744.9	5082.1	2566.0	1108.3	718.9
82.5°	459.3	479.3	688.9	1138.2	3724.2	4073.7	3414.7	1537.6	688.9	399.4	279.6
85°	79.9	99.8	169.7	339.5	669.0	808.8	758.8	309.5	209.7	179.7	129.8
87.5°	20.0	20.0	30.0	30.0	39.9	39.9	39.9	49.9	49.9	49.9	49.9
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: P1358381
CATALOG NUMBER: GSS-SB6C-740-U-SL4

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5271.9	5271.9	5271.9	5271.9	5271.9	5271.9	5271.9	5271.9	5271.9	5271.9	5271.9
2.5°	5301.8	5301.8	5341.7	5361.7	5361.7	5331.8	5331.8	5421.6	5381.7	5401.7	5391.7
5°	5311.8	5351.7	5351.7	5411.6	5441.6	5491.5	5511.5	5551.4	5591.4	5591.4	5581.4
7.5°	5371.7	5401.7	5451.6	5491.5	5571.4	5651.3	5681.2	5801.0	5821.0	5870.9	5851.0
10°	5461.6	5511.5	5591.4	5701.2	5801.0	5930.8	5990.7	6120.5	6190.4	6270.3	6220.4
12.5°	5601.3	5661.3	5791.1	5940.8	6160.5	6360.2	6519.9	6649.7	6749.6	6839.4	6809.5
15°	5751.1	5870.9	6040.7	6310.3	6699.6	7059.1	7268.8	7488.4	7538.4	7618.2	7608.2
17.5°	6010.7	6090.6	6430.1	6969.2	7478.4	7788.0	7967.7	8077.5	8047.6	8077.5	8057.6
20°	6220.4	6420.1	7029.1	7817.9	8317.2	8516.8	8536.8	8437.0	8227.3	8187.4	8107.5
22.5°	6529.9	6829.4	7807.9	8626.7	9026.1	9006.1	8716.5	8417.0	8147.4	8037.6	7997.6
25°	6829.4	7368.6	8626.7	9395.5	9505.3	9155.9	8716.5	8327.1	7967.7	7857.9	7768.0
27.5°	7208.9	7987.7	9555.2	10044.5	9715.0	9175.8	8526.8	8087.5	7748.0	7568.3	7528.4
30°	7598.3	8706.5	10334.0	10354.0	9774.9	8966.1	8177.4	7788.0	7398.6	7218.8	7228.8
32.5°	8127.4	9495.3	10993.0	10583.6	9605.2	8546.8	7708.1	7288.7	6949.3	6859.4	6839.4
35°	8646.6	10384.0	11522.2	10603.6	9205.8	7957.7	7089.0	6619.8	6410.1	6320.2	6360.2
37.5°	9385.5	11292.6	11831.7	10413.9	8626.7	7168.9	6360.2	5990.7	5831.0	5801.0	5841.0
40°	10194.3	12131.3	12031.4	10194.3	7837.9	6330.2	5661.3	5431.6	5331.8	5351.7	5421.6
42.5°	11062.9	12820.2	12181.2	9695.0	6909.3	5561.4	5102.1	5002.3	5152.0	5241.9	5301.8
45°	11991.5	13449.2	12231.1	8986.1	6040.7	4972.3	4782.6	4972.3	5202.0	5241.9	5271.9
47.5°	12910.1	13998.4	12231.1	8047.6	5211.9	4582.9	4682.8	4932.4	5112.1	5042.2	5052.2
50°	13788.7	14437.7	12201.2	6959.2	4632.8	4383.2	4553.0	4712.7	4632.8	4433.2	4453.1
52.5°	14587.5	14827.1	11991.5	5841.0	4153.6	4333.3	4343.3	4143.6	3963.9	3864.0	3884.0
55°	15476.1	15186.5	11372.4	4842.5	3844.1	4203.5	3923.9	3664.3	3754.2	3724.2	3714.3
57.5°	16404.7	15605.9	10523.7	3983.8	3554.5	3894.0	3584.5	3564.5	3554.5	3514.6	3464.6
60°	17203.4	15945.4	9255.7	3135.2	3125.2	3424.7	3514.6	3464.6	3414.7	3334.8	3294.9
62.5°	16744.1	15096.7	7398.6	2536.1	2685.9	3055.3	3384.8	3284.9	3294.9	3225.0	3195.1
65°	15446.1	13419.3	5042.2	2116.7	2266.5	2725.8	3075.2	2985.4	2935.5	2915.5	2895.5
67.5°	13768.7	11622.0	3324.9	1677.4	1897.1	2386.3	2715.8	2606.0	2675.9	2675.9	2665.9
70°	10833.3	8886.3	2096.8	1367.9	1507.7	1976.9	2256.5	2306.4	2406.3	2416.3	2406.3
72.5°	*7788.0*	*6080.6*	*1308.0*	*1098.3*	*1198.1*	*1507.7*	*1967.0*	*2016.9*	*2126.7*	*2146.7*	*2146.7*
75°	4592.9	3424.7	878.6	878.6	928.6	1228.1	1627.5	1787.2	1837.2	1857.1	1837.2
77.5°	1847.1	1318.0	579.1	649.0	718.9	988.5	1248.1	1447.8	1427.8	1417.8	1367.9
80°	659.0	569.1	399.4	429.3	519.2	738.9	928.6	988.5	1048.4	1018.4	988.5
82.5°	269.6	259.6	249.6	279.6	309.5	449.3	649.0	649.0	659.0	649.0	639.0
85°	99.8	99.8	119.8	139.8	169.7	209.7	289.6	369.4	309.5	219.7	229.6
87.5°	49.9	49.9	39.9	39.9	49.9	69.9	69.9	89.9	89.9	49.9	30.0
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: SP1-2407-184-1

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

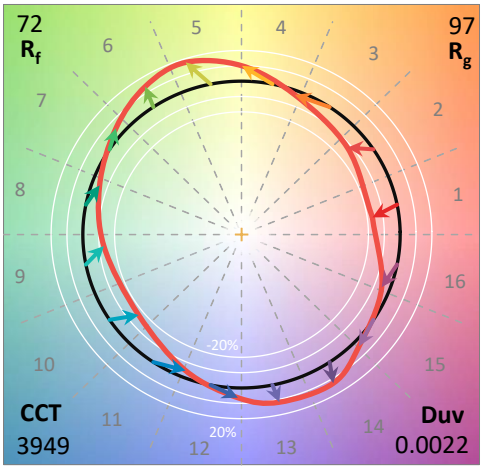
Test Information

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

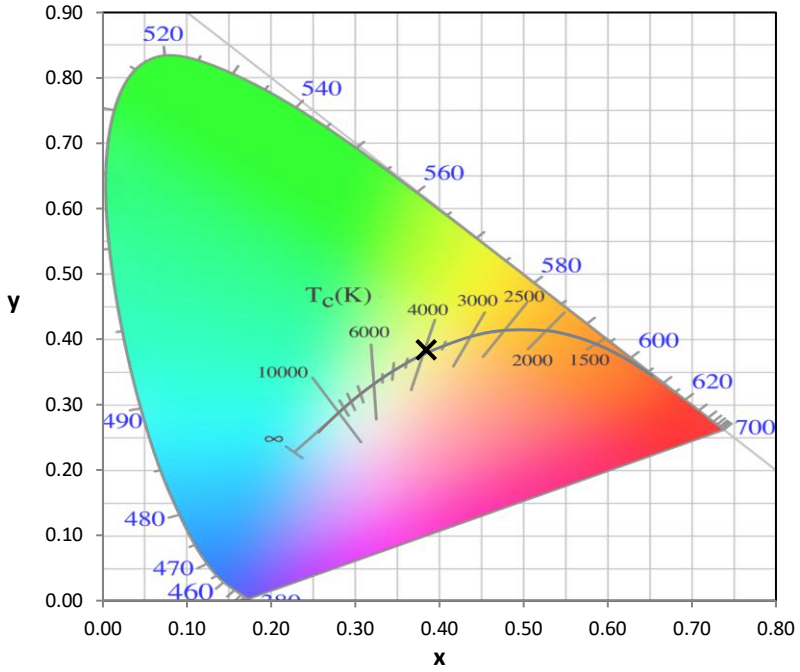
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

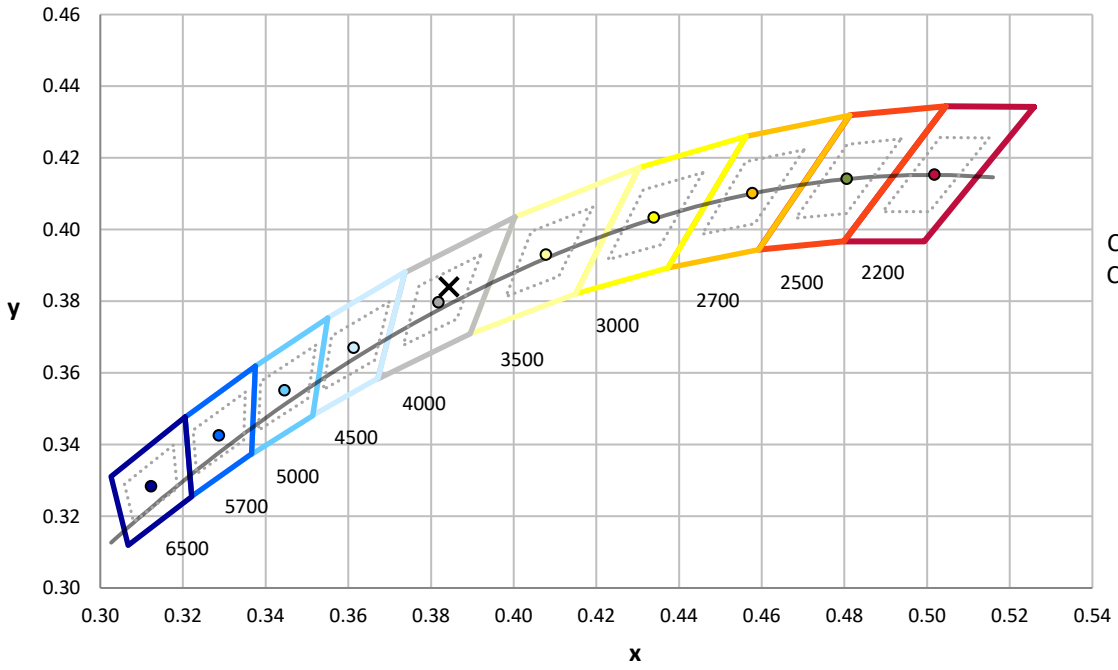
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

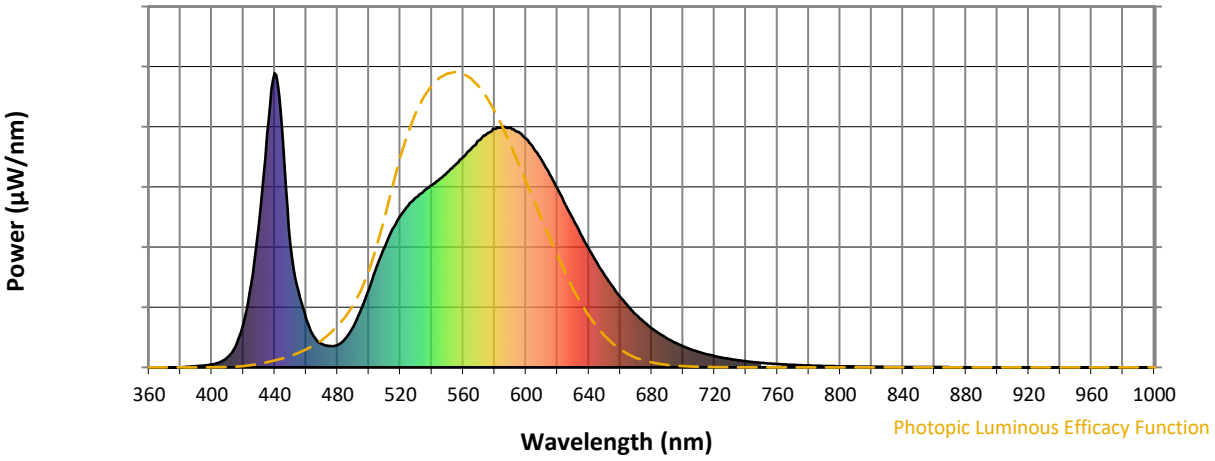


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

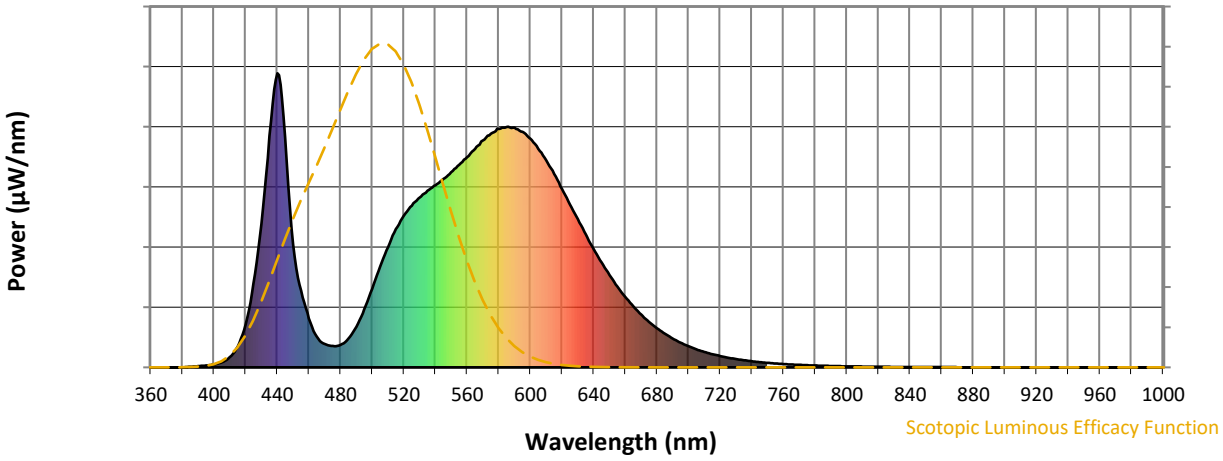


Photopic Lumens: NR

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

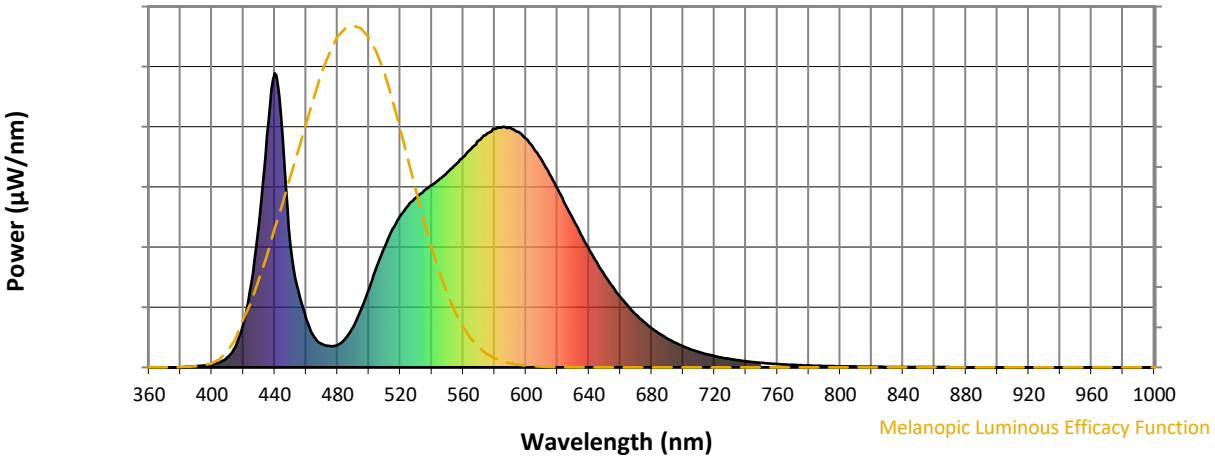


Scotopic Lumens: NR **S/P: 1.47**

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			

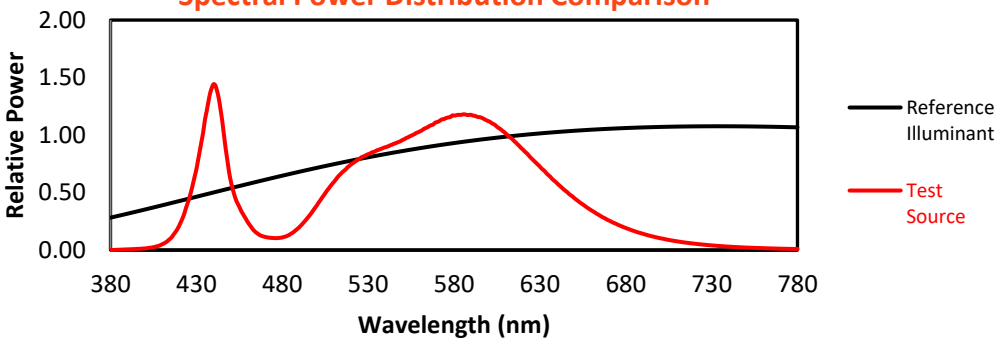
REPORT NUMBER: SP1-2407-184-1

TM-30-18

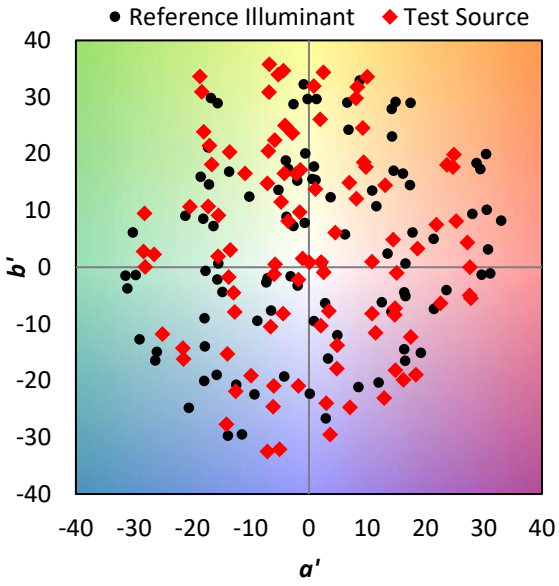
Summary

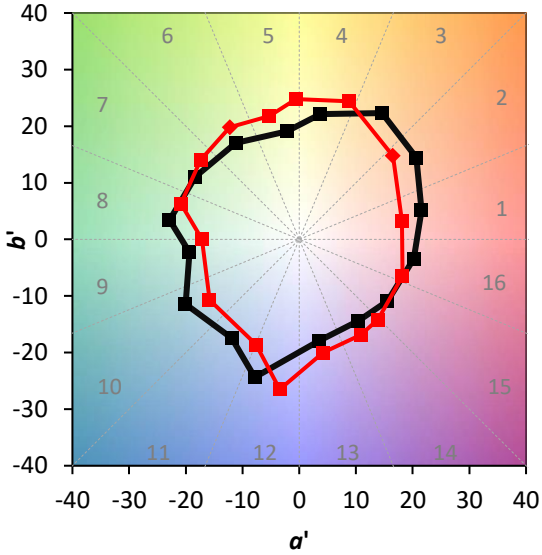
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

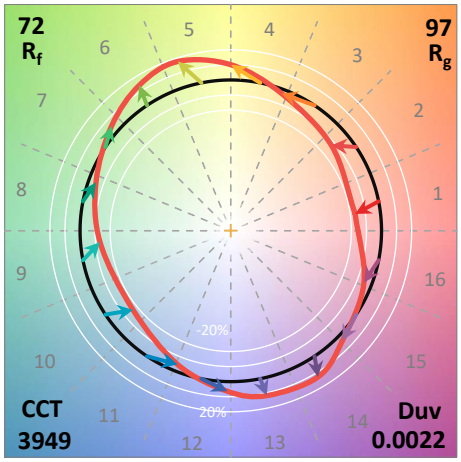
Spectral Power Distribution Comparison

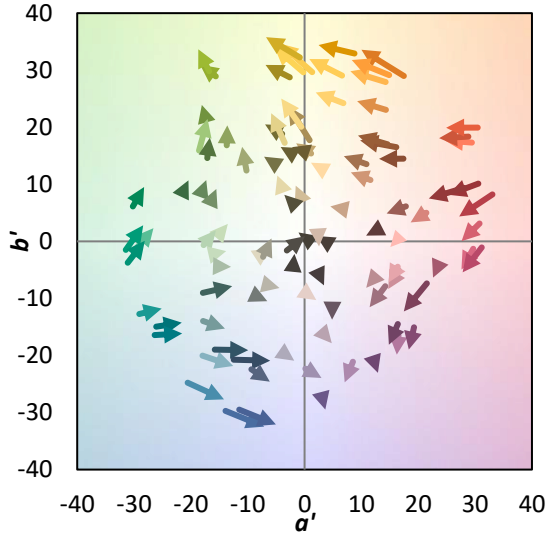


Color Vector Graphics







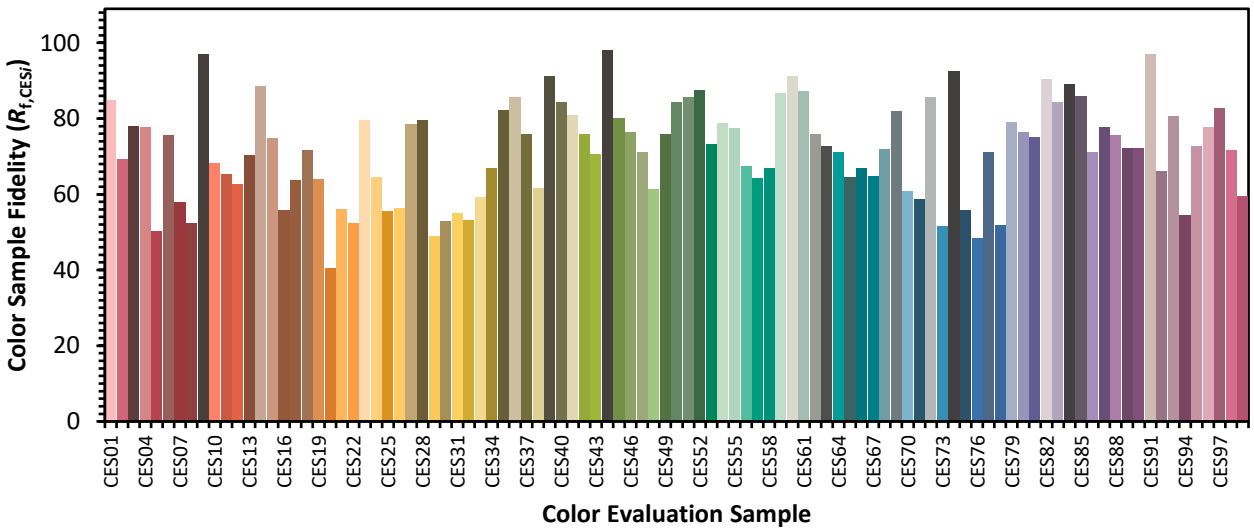


REPORT NUMBER: SP1-2407-184-1

TM-30-18

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

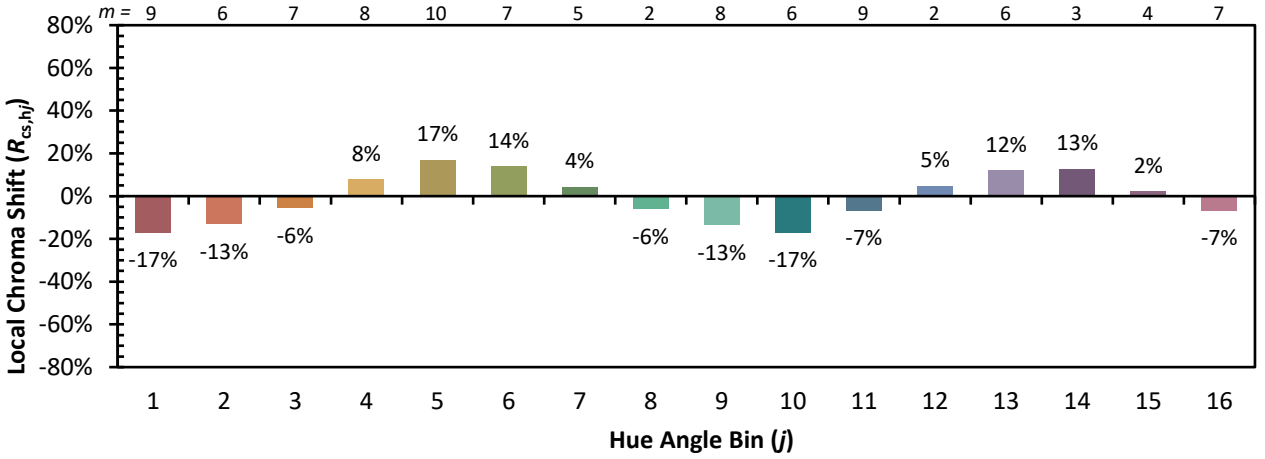
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 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	

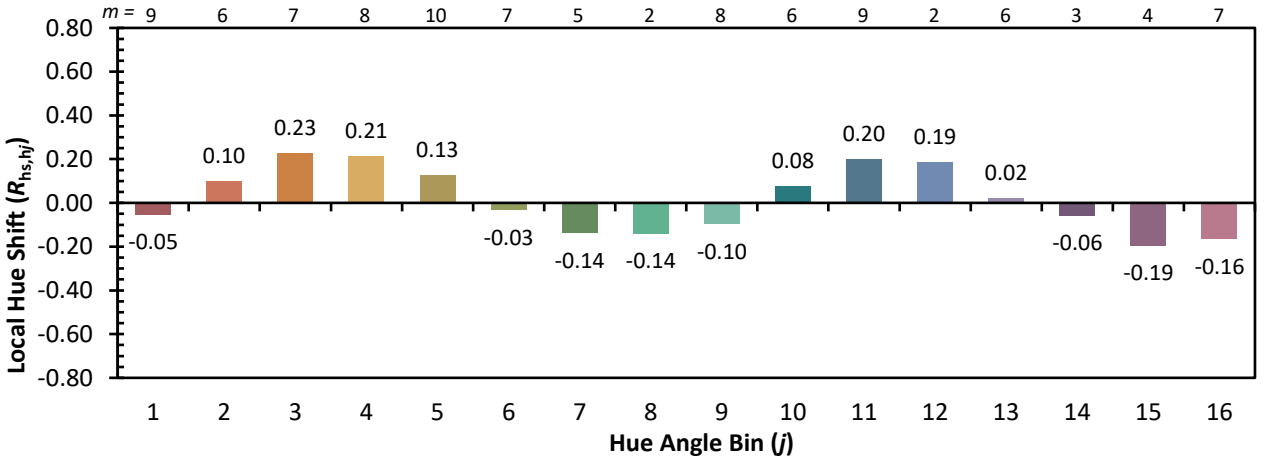


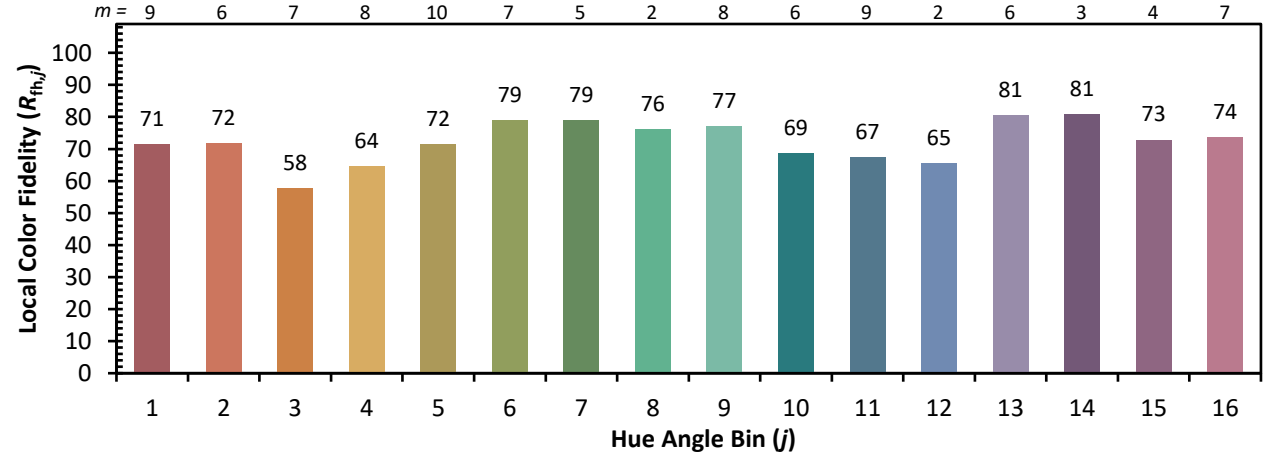
REPORT NUMBER: SP1-2407-184-1

TM-30-18

Color Rendition by Hue-Angle Bin



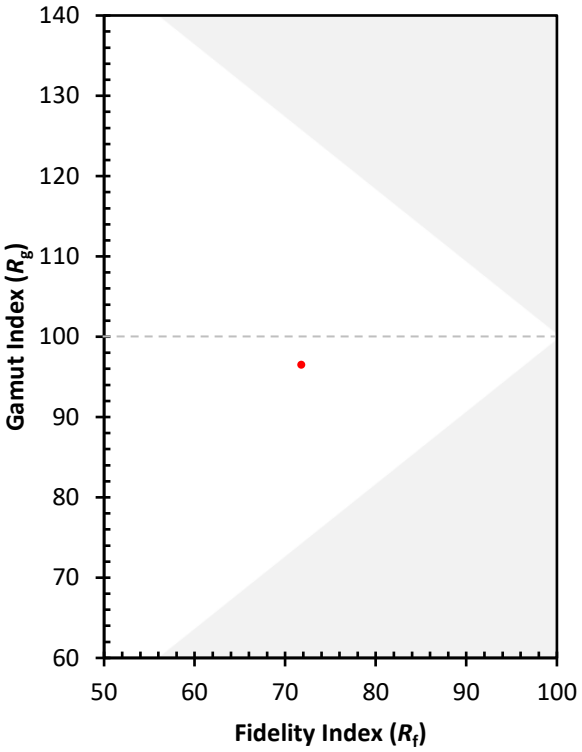


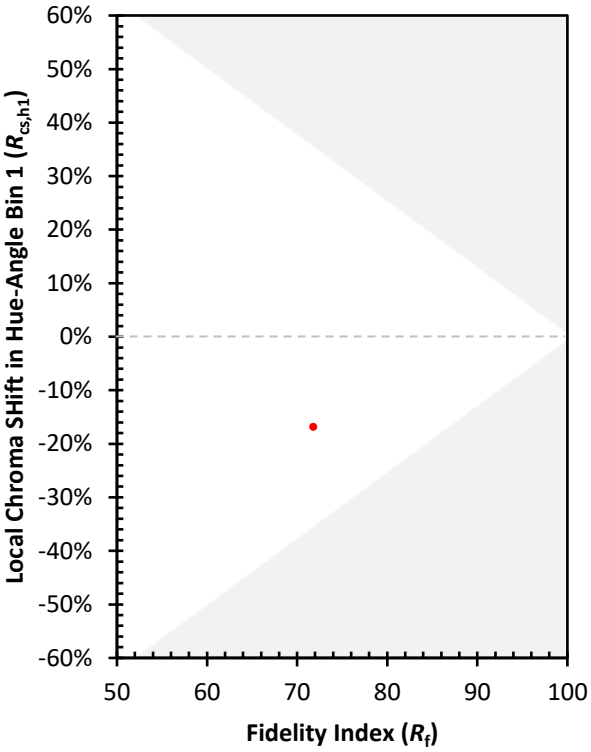


REPORT NUMBER: SP1-2407-184-1

TM-30-18

Measure Comparisons





(END OF REPORT)