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: P1363361

Luminaire Tested: **GSS-SB3C-740-U-SL3**

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:	P1363361
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3C-740-U-SL3
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 150W 70CRI 4000K FIXTURE w/ TYPE III SPILL CONTROL DISTRIBUTION OPTIC
Light Source:	(78) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20527.6 lumens
Efficiency:	N/A
Efficacy:	136.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B3 - U0 - G3

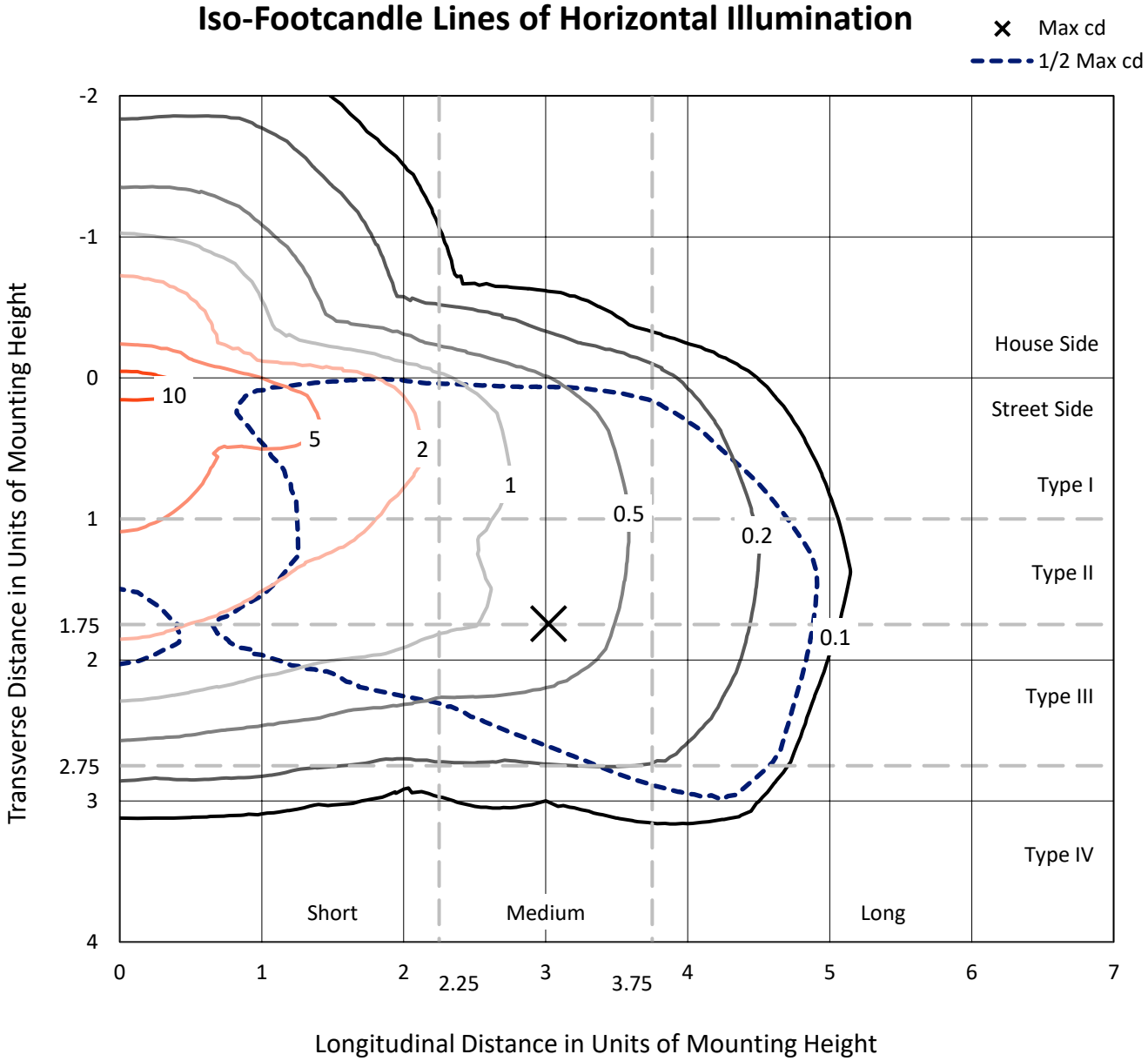
Input Watts (W):	150
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1363361
CATALOG NUMBER: GSS-SB3C-740-U-SL3

Iso-Footcandle Lines of Horizontal Illumination



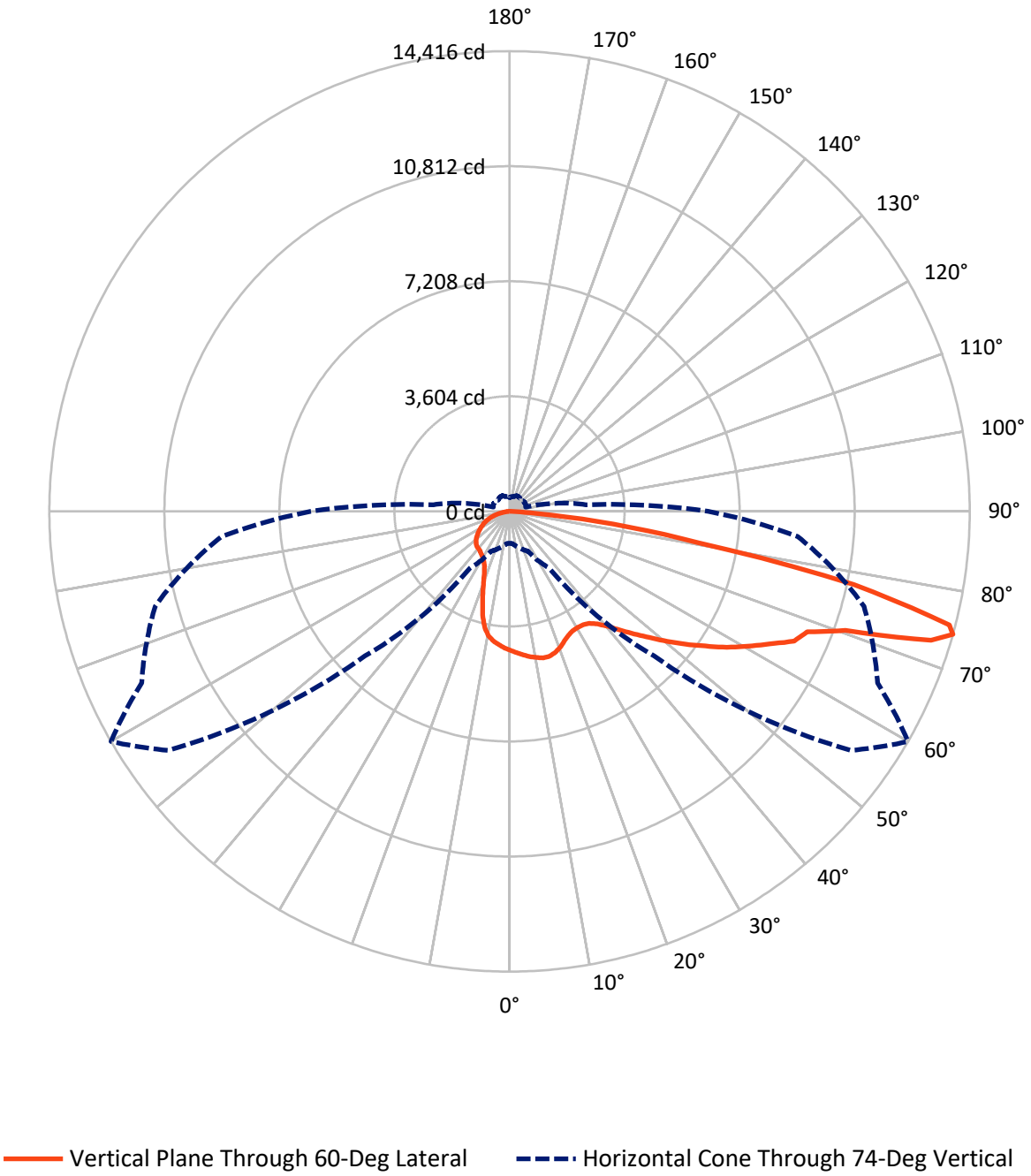
Based on 20 foot mounting height. Maximum calculated value = 10.9 fc
Type III - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1363361
CATALOG NUMBER: GSS-SB3C-740-U-SL3

Luminous Intensity Polar Plot



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

Scaled Data Report

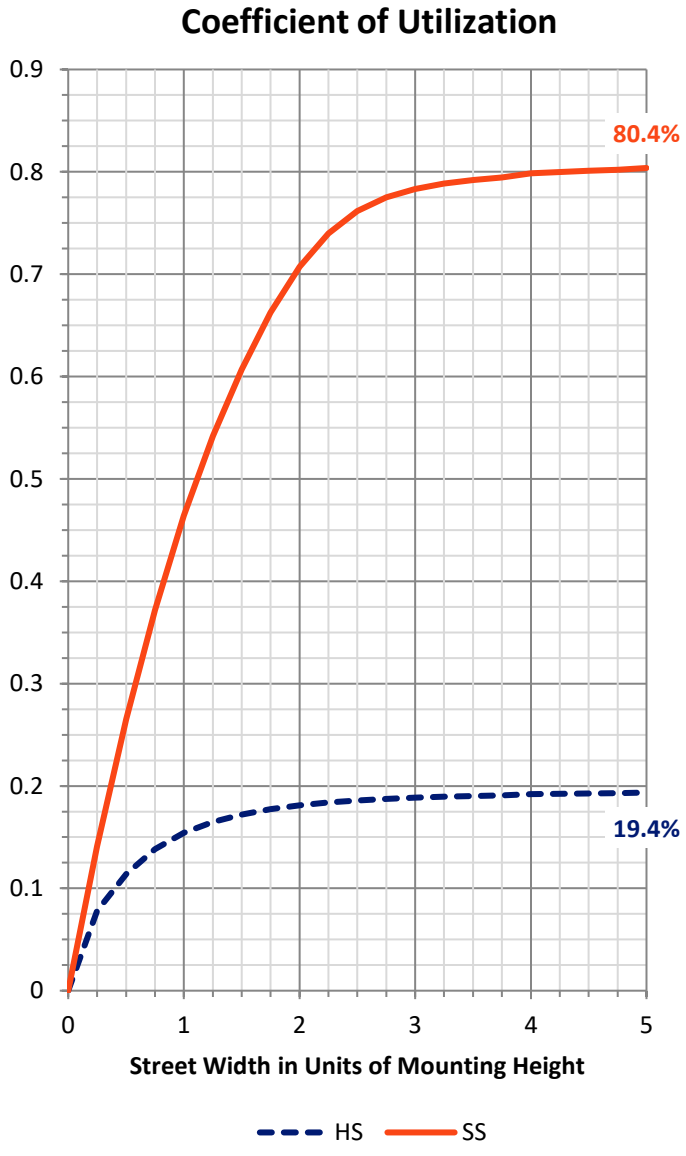
REPORT NUMBER: P1363361
CATALOG NUMBER: GSS-SB3C-740-U-SL3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4006.9	0.0	4006.9
	% Fixture	19.5	0.0	19.5
Street Side	Lumens	16520.6	0.0	16520.6
	% Fixture	80.5	0.0	80.5
Total	Lumens	20527.6	0.0	20527.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	400.6	2.0
10°-20°	983.1	4.8
20°-30°	1469.8	7.2
30°-40°	2095.2	10.2
40°-50°	3012.7	14.7
50°-60°	4033.8	19.7
60°-70°	4736.8	23.1
70°-80°	3378.6	16.5
80°-90°	417.0	2.0
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°	20527.6	100.0
0°-180°	20527.6	100.0



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

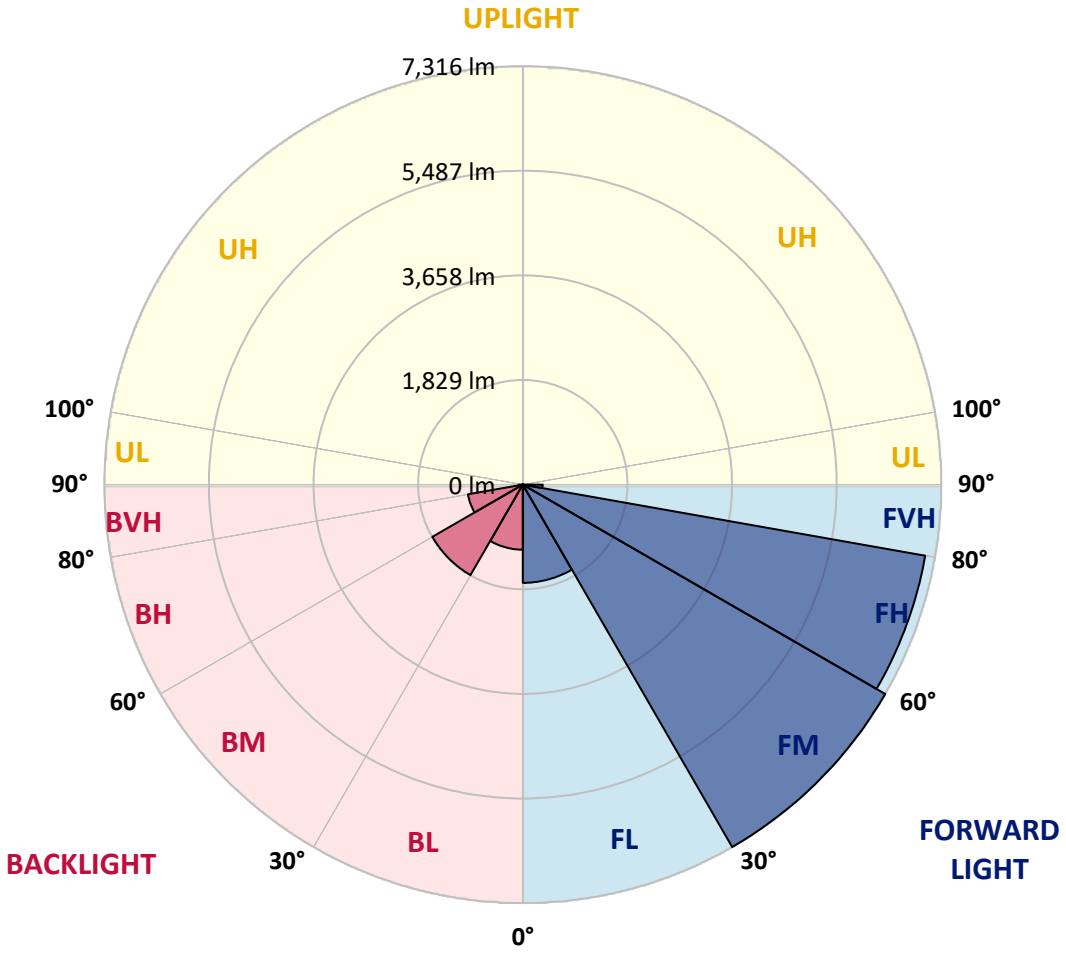
Scaled Data Report

REPORT NUMBER: P1363361
CATALOG NUMBER: GSS-SB3C-740-U-SL3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1716.4	8.4			
FM	(30°-60°)	7315.5	35.6			
FH	(60°-80°)	7142.2	34.8			G3/7500
FVH	(80°-90°)	346.5	1.7			G3/500
BL	(0°-30°)	1137.1	5.5	B3/2500		
BM	(30°-60°)	1826.2	8.9	B2/2500		
BH	(60°-80°)	973.2	4.7	B2/1000		G2/1000
BVH	(80°-90°)	70.4	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type III Medium



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

Scaled Data Report

REPORT NUMBER: P1363361
CATALOG NUMBER: GSS-SB3C-740-U-SL3

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	65°	75°	85°
0°	4354.0	4354.0	4354.0	4354.0	4354.0	4354.0	4354.0	4354.0	4354.0	4354.0	4354.0
2.5°	4492.0	4497.1	4476.7	4461.3	4461.3	4435.8	4435.8	4435.8	4410.2	4405.1	4369.4
5°	4543.1	4538.0	4527.8	4532.9	4538.0	4527.8	4532.9	4517.6	4481.8	4471.6	4415.4
7.5°	4400.0	4400.0	4425.6	4476.7	4548.2	4584.0	4604.4	4594.2	4578.9	4548.2	4466.5
10°	3883.9	3919.6	3996.3	4164.9	4374.5	4548.2	4660.7	4655.5	4660.7	4619.8	4527.8
12.5°	3429.1	3444.4	3515.9	3664.1	3965.6	4338.7	4650.4	4711.8	4727.1	4701.5	4589.1
15°	3183.8	3178.6	3234.9	3352.4	3582.4	3991.2	4538.0	4706.6	4798.6	4793.5	4676.0
17.5°	3076.4	3081.5	3112.2	3188.9	3357.5	3694.8	4338.7	4645.3	4834.4	4895.7	4757.7
20°	3127.5	3112.2	3127.5	3142.9	3234.9	3500.6	4124.1	4538.0	4865.1	4992.8	4849.7
22.5°	3234.9	3219.5	3214.4	3204.2	3224.6	3388.2	3929.9	4405.1	4890.6	5120.6	4957.1
25°	3423.9	3408.6	3362.6	3306.4	3280.9	3352.4	3802.1	4292.7	4916.2	5299.4	5095.0
27.5°	3694.8	3674.4	3607.9	3475.0	3393.3	3403.5	3761.2	4231.4	4962.2	5473.2	5227.9
30°	4098.5	4088.3	3940.1	3725.5	3556.8	3495.5	3781.7	4216.0	5013.3	5672.5	5360.8
32.5°	4461.3	4451.1	4338.7	4098.5	3817.4	3643.7	3832.8	4236.5	5079.7	5928.0	5555.0
35°	4757.7	4737.3	4645.3	4461.3	4175.2	3868.5	3945.2	4308.0	5222.8	6265.3	5790.0
37.5°	5059.3	5043.9	4916.2	4722.0	4543.1	4180.3	4134.3	4471.6	5417.0	6725.2	6132.4
40°	5422.1	5401.7	5248.3	5018.4	4860.0	4604.4	4405.1	4732.2	5713.4	7251.6	6520.8
42.5°	5769.6	5749.2	5570.3	5371.0	5171.7	5013.3	4788.4	5079.7	6081.3	7921.1	6980.8
45°	6173.3	6173.3	5922.9	5703.2	5493.6	5299.4	5151.2	5478.3	6510.6	8677.4	7491.8
47.5°	6551.5	6515.7	6270.4	6030.2	5825.8	5457.9	5498.8	5897.4	6991.0	9444.0	8043.7
50°	6674.1	6663.9	6500.4	6285.7	6112.0	5652.1	5856.5	6398.2	7532.7	10174.7	8565.0
52.5°	6817.2	6771.2	6536.2	6505.5	6306.2	5897.4	6296.0	6914.3	8028.4	10839.1	8984.0
55°	6996.1	6945.0	6623.0	6561.7	6454.4	6173.3	6796.8	7445.8	8498.5	11355.2	9377.5
57.5°	7323.1	7261.8	6807.0	6674.1	6587.3	6520.8	7364.0	8033.5	8973.8	11758.9	9714.8
60°	7512.2	7461.1	7072.7	6975.6	6847.9	7001.2	7972.2	8575.2	9423.5	12070.7	9975.4
62.5°	7415.1	7379.4	7108.5	7292.5	7394.7	7634.9	8667.2	9137.3	9781.2	12305.8	9985.6
65°	6914.3	6842.8	6658.8	7215.8	8023.3	8702.9	9551.3	9796.6	10016.3	11672.1	9382.6
67.5°	5713.4	5641.8	5749.2	6321.5	7665.5	10348.5	10767.5	10062.3	9592.2	11094.6	9295.7
70°	2596.1	2478.5	3127.5	4471.6	6342.0	9990.8	12459.1	11166.1	10021.4	11043.5	9122.0
72.5°	1272.5	1323.6	1528.0	2008.4	3878.8	7670.7	13736.7	13808.2	11477.9	11176.4	9244.6
74°	996.5	1011.9	1180.5	1379.8	2166.8	6403.3	13051.9	14416.3	12719.7	11493.2	9055.6
75°	858.5	879.0	1047.6	1149.8	1395.1	5391.4	12183.1	14232.4	13286.9	11431.9	8636.5
77.5°	628.6	623.5	746.1	914.8	654.1	2401.9	9868.1	11028.2	11329.7	9311.1	5759.4
80°	388.4	403.7	516.1	638.8	434.4	914.8	5800.3	6025.1	5360.8	5391.4	2795.4
82.5°	235.1	245.3	276.0	332.2	240.2	322.0	2626.7	3275.7	2713.6	1763.1	470.2
85°	71.5	76.7	92.0	117.5	86.9	117.5	884.1	797.2	567.3	235.1	138.0
87.5°	5.1	5.1	10.2	10.2	15.3	25.6	35.8	40.9	46.0	51.1	51.1
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: P1363361
CATALOG NUMBER: GSS-SB3C-740-U-SL3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4354.0	4354.0	4354.0	4354.0	4354.0	4354.0	4354.0	4354.0	4354.0	4354.0	4354.0
2.5°	4369.4	4354.0	4333.6	4297.8	4272.3	4246.7	4216.0	4170.1	4154.7	4159.8	4170.1
5°	4405.1	4364.2	4302.9	4221.2	4159.8	4108.7	4027.0	3960.5	3919.6	3919.6	3899.2
7.5°	4440.9	4384.7	4287.6	4149.6	4042.3	3899.2	3745.9	3592.6	3485.3	3439.3	3398.4
10°	4502.2	4415.4	4256.9	4073.0	3843.0	3556.8	3245.1	2928.2	2728.9	2626.7	2621.6
12.5°	4543.1	4456.2	4241.6	3945.2	3510.8	2969.1	2493.9	2233.2	2151.5	2115.7	2105.5
15°	4609.5	4492.0	4205.8	3710.1	2999.8	2350.8	2090.1	2013.5	2008.4	2013.5	2018.6
17.5°	4665.8	4522.7	4113.8	3337.1	2407.0	2044.1	1977.7	1972.6	2008.4	2023.7	2039.0
20°	4727.1	4548.2	3950.3	2815.8	2074.8	1952.2	1941.9	1972.6	2023.7	2064.6	2069.7
22.5°	4814.0	4568.7	3664.1	2299.7	1916.4	1901.1	1926.6	1957.3	1987.9	2023.7	2033.9
25°	4905.9	4568.7	3270.6	1947.0	1834.6	1875.5	1901.1	1875.5	1865.3	1895.9	1895.9
27.5°	4977.5	4532.9	2713.6	1758.0	1778.4	1844.8	1829.5	1773.3	1763.1	1783.5	1778.4
30°	5028.6	4400.0	2151.5	1655.8	1722.2	1778.4	1737.5	1706.9	1686.4	1691.5	1696.6
32.5°	5105.3	4195.6	1763.1	1584.2	1676.2	1671.1	1666.0	1635.3	1609.8	1614.9	1620.0
35°	5197.2	3858.3	1543.3	1533.1	1635.3	1594.4	1599.5	1563.8	1533.1	1533.1	1538.2
37.5°	5314.8	3454.6	1451.3	1512.7	1568.9	1563.8	1548.4	1502.4	1456.5	1446.2	1446.2
40°	5442.5	2958.9	1405.3	1502.4	1538.2	1553.6	1522.9	1466.7	1344.0	1267.4	1262.3
42.5°	5524.3	2550.1	1390.0	1487.1	1533.1	1548.4	1507.6	1333.8	1216.3	1165.2	1160.1
45°	5641.8	2325.2	1390.0	1446.2	1512.7	1528.0	1384.9	1267.4	1200.9	1175.4	1180.5
47.5°	5759.4	2325.2	1390.0	1415.6	1456.5	1476.9	1287.8	1236.7	1175.4	1175.4	1195.8
50°	5922.9	2453.0	1379.8	1369.6	1384.9	1308.3	1226.5	1185.6	1103.8	1073.2	1078.3
52.5°	6168.2	2647.2	1338.9	1303.1	1308.3	1211.2	1185.6	1124.3	1042.5	981.2	965.9
55°	6433.9	2856.7	1257.1	1226.5	1221.4	1149.8	1139.6	1073.2	996.5	914.8	899.4
57.5°	6725.2	3025.3	1154.9	1149.8	1134.5	1088.5	1103.8	1057.8	950.5	843.2	827.9
60°	7001.2	3214.4	1057.8	1068.1	1042.5	1032.3	1052.7	1022.1	889.2	771.7	761.4
62.5°	7001.2	3209.3	971.0	981.2	976.1	950.5	986.3	965.9	807.4	710.3	700.1
65°	6617.9	3066.2	868.8	894.3	914.8	863.7	909.6	873.9	735.9	659.2	643.9
67.5°	6566.8	3010.0	766.6	792.1	827.9	771.7	802.3	766.6	669.5	603.0	592.8
70°	6464.6	2882.2	674.6	705.2	720.6	659.2	700.1	674.6	603.0	551.9	541.7
72.5°	6515.7	2769.8	577.5	613.2	618.4	562.1	603.0	592.8	531.5	495.7	475.3
74°	*6229.5*	*2396.8*	*521.3*	*551.9*	*541.7*	*500.8*	*536.6*	*536.6*	*480.4*	*454.8*	*429.3*
75°	5851.4	2125.9	480.4	511.0	485.5	459.9	495.7	500.8	444.6	444.6	403.7
77.5°	3843.0	1425.8	378.2	398.6	388.4	373.1	393.5	388.4	347.5	337.3	311.7
80°	1880.6	781.9	286.2	276.0	281.1	276.0	291.3	286.2	265.7	255.5	250.4
82.5°	352.6	260.6	189.1	184.0	173.8	163.5	184.0	184.0	245.3	276.0	276.0
85°	107.3	102.2	92.0	92.0	86.9	76.7	81.8	117.5	143.1	97.1	92.0
87.5°	46.0	46.0	40.9	35.8	25.6	25.6	20.4	20.4	20.4	20.4	20.4
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

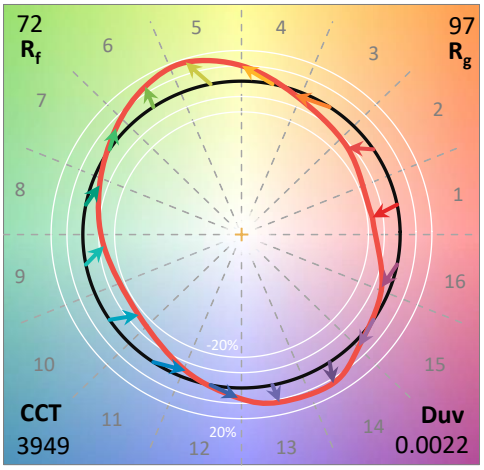
Test Information

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

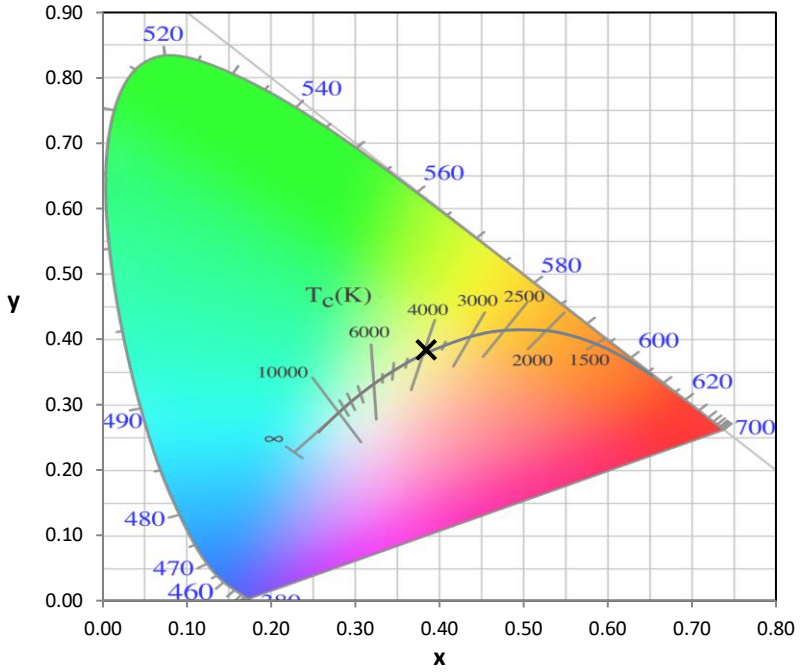
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

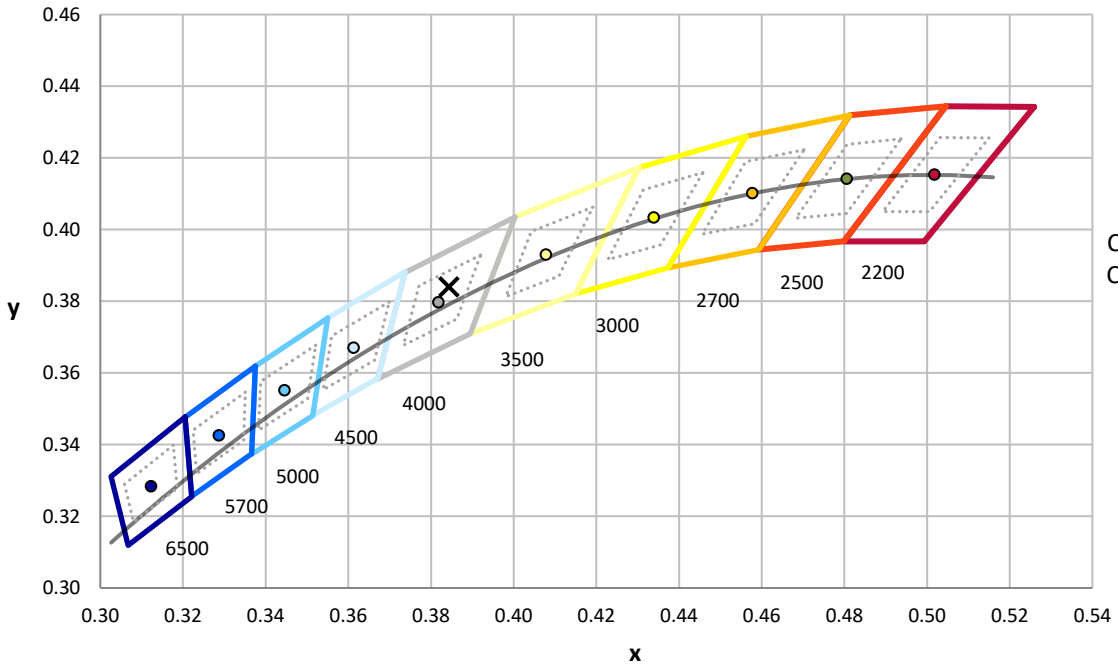
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

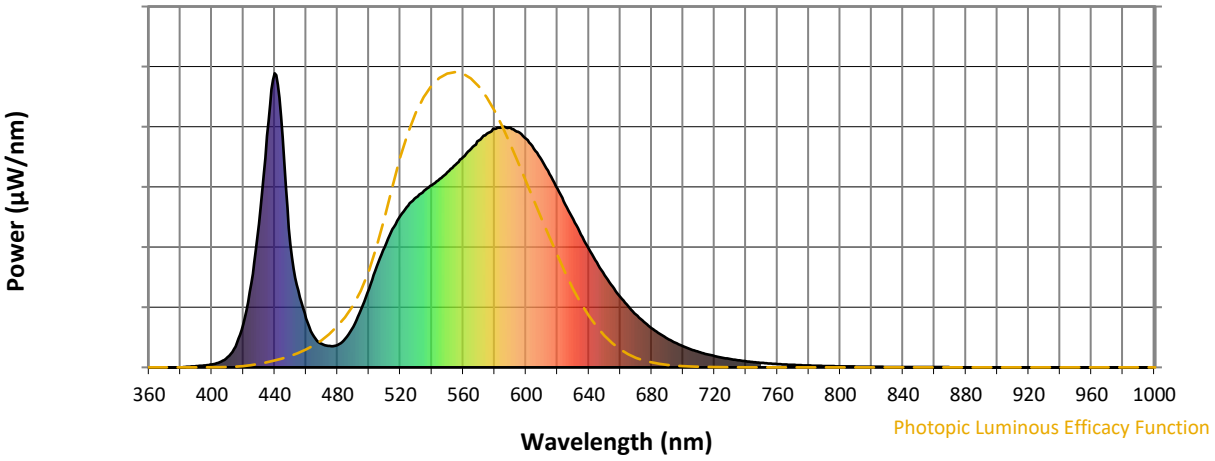


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

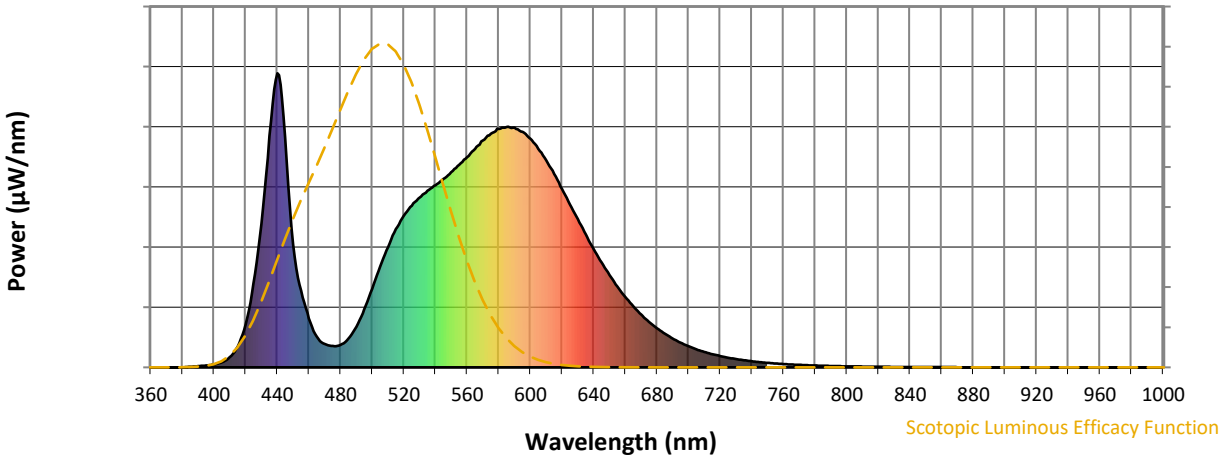


Photopic Lumens: NR

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

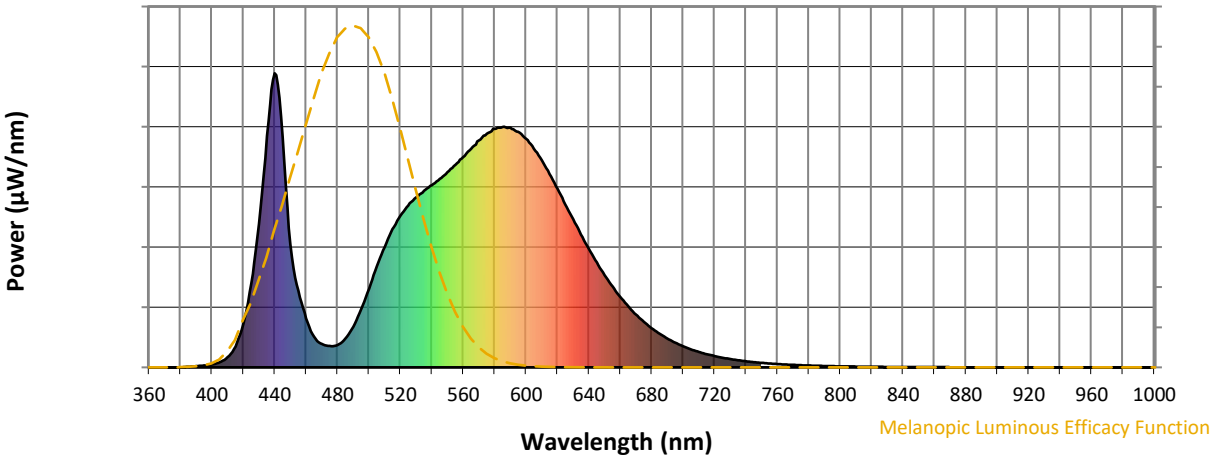


Scotopic Lumens: NR **S/P: 1.47**

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			

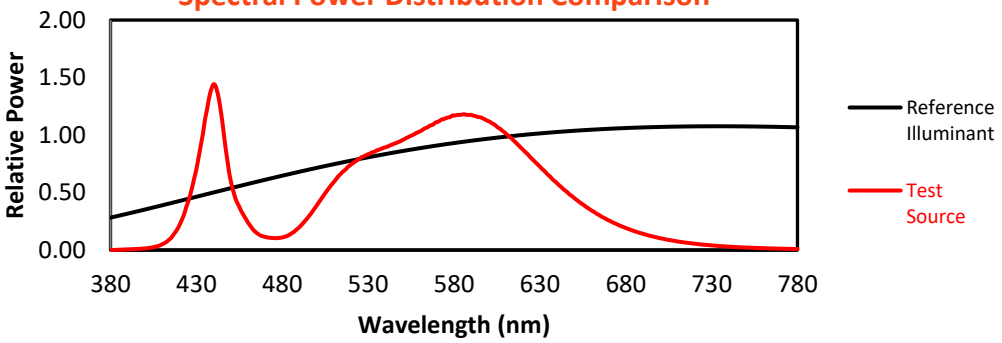
REPORT NUMBER: SP1-2407-184-1

TM-30-18

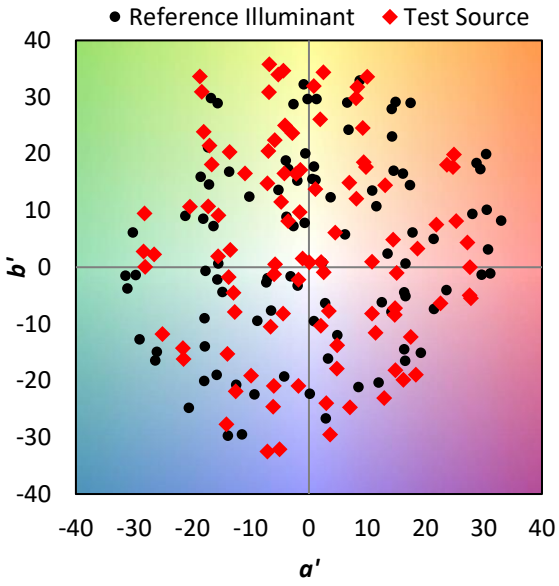
Summary

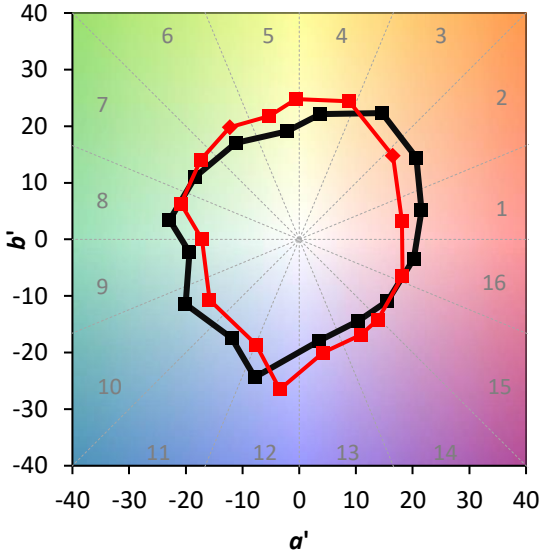
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

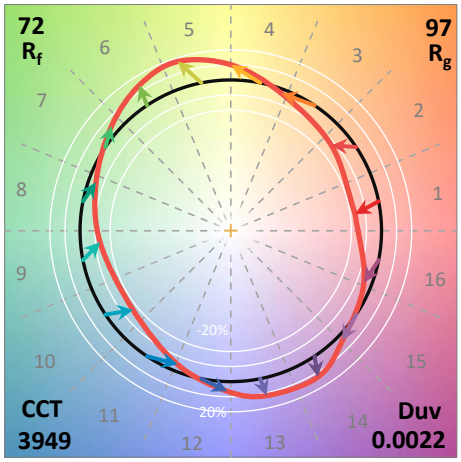
Spectral Power Distribution Comparison

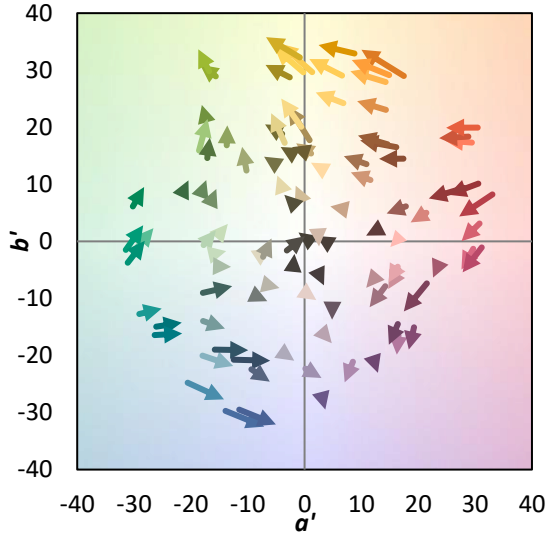


Color Vector Graphics







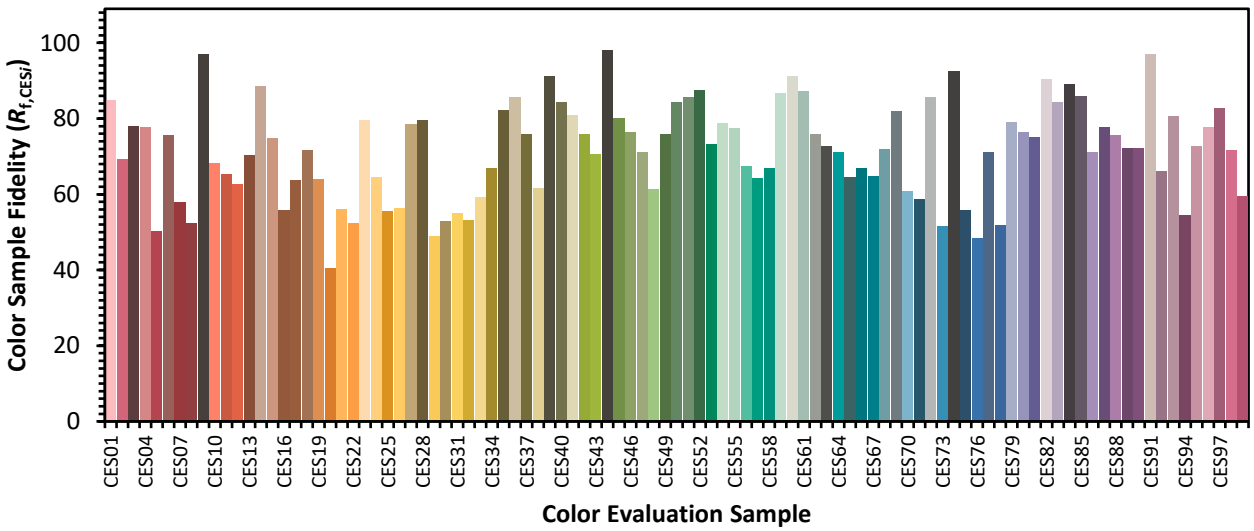


REPORT NUMBER: SP1-2407-184-1

TM-30-18

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

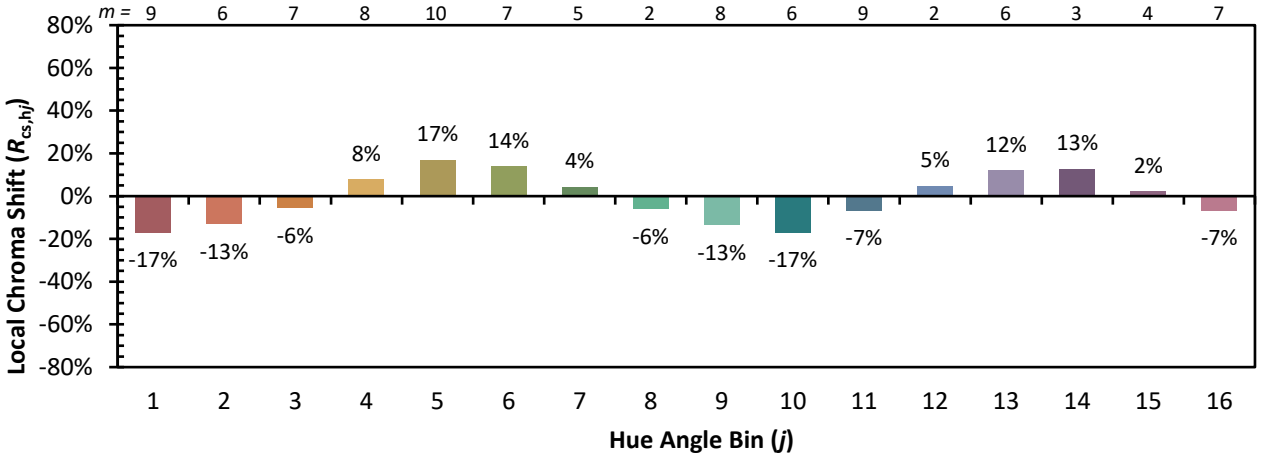
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82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

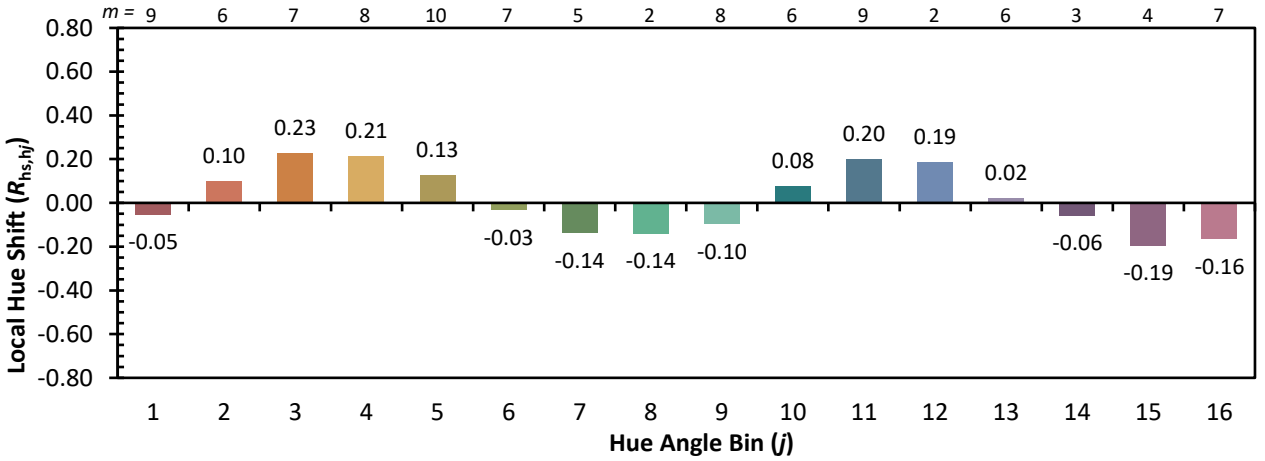


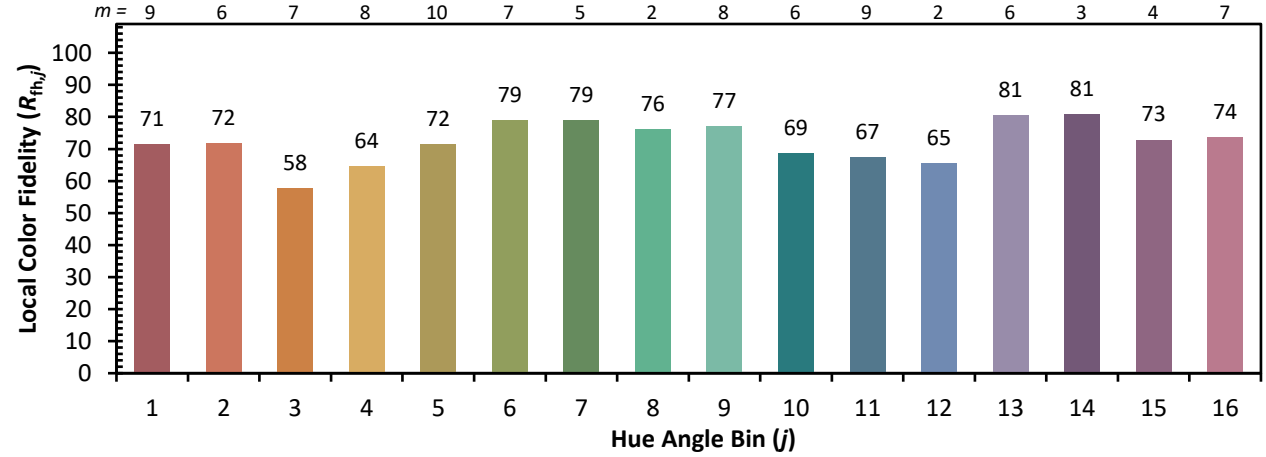
REPORT NUMBER: SP1-2407-184-1

TM-30-18

Color Rendition by Hue-Angle Bin



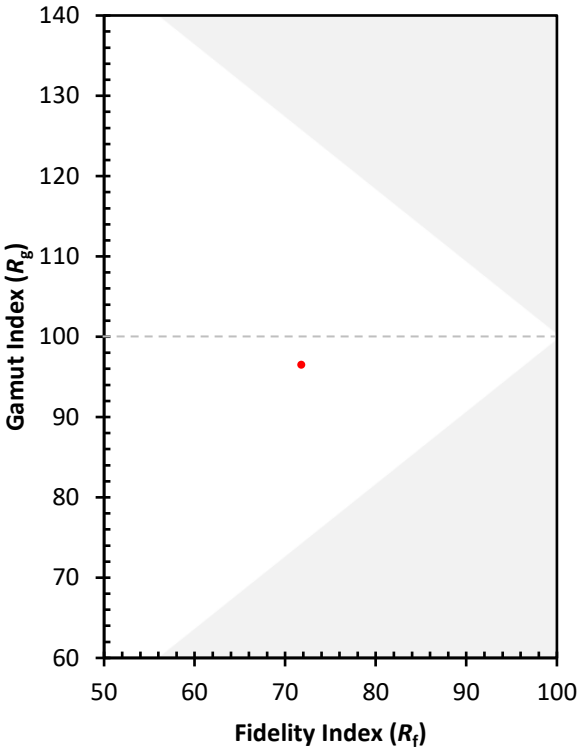


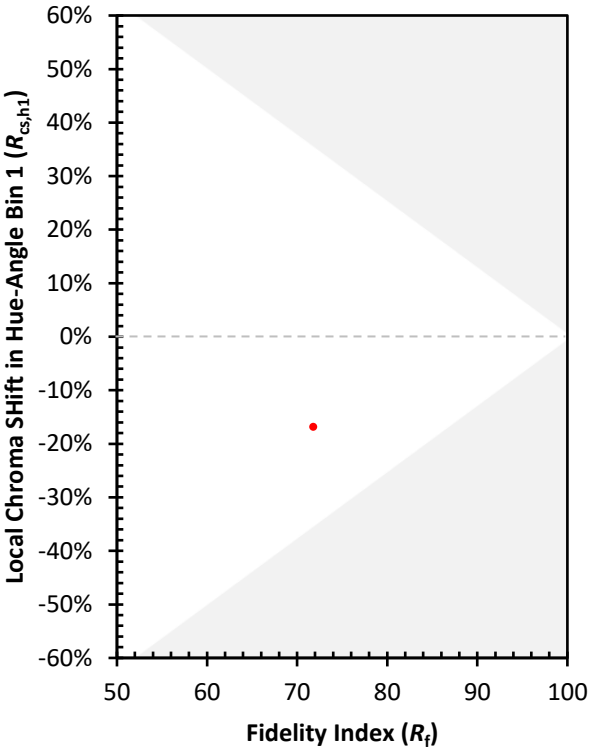


REPORT NUMBER: SP1-2407-184-1

TM-30-18

Measure Comparisons





(END OF REPORT)