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: P1366061

Luminaire Tested: **GSS-SB6C-740-U-T2R-HSS**

Issue Date: 02/18/2026

Report Generated By 670245763

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

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1366061
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB6C-740-U-T2R-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 6SQUARE 300W 70CRI 4000K FIXTURE w/ TYPE II ROADWAY DISTRIBUTION OPTIC AND HOUSE SIDE SHIELD
Light Source:	(156) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	38696.6 lumens
Efficiency:	N/A
Efficacy:	129.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B2 - U0 - G4

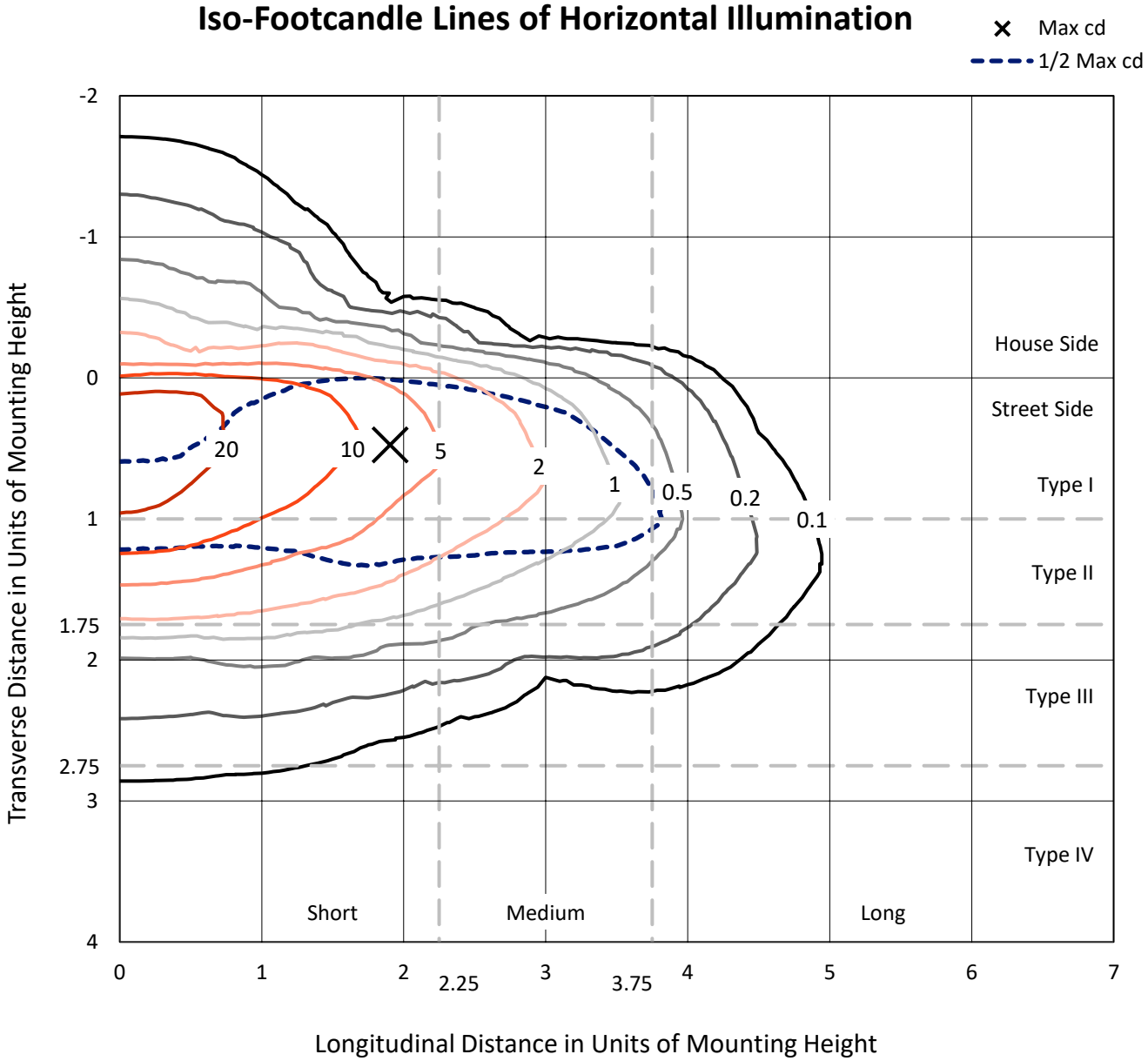
Input Watts (W):	300
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1366061
CATALOG NUMBER: GSS-SB6C-740-U-T2R-HSS

Iso-Footcandle Lines of Horizontal Illumination



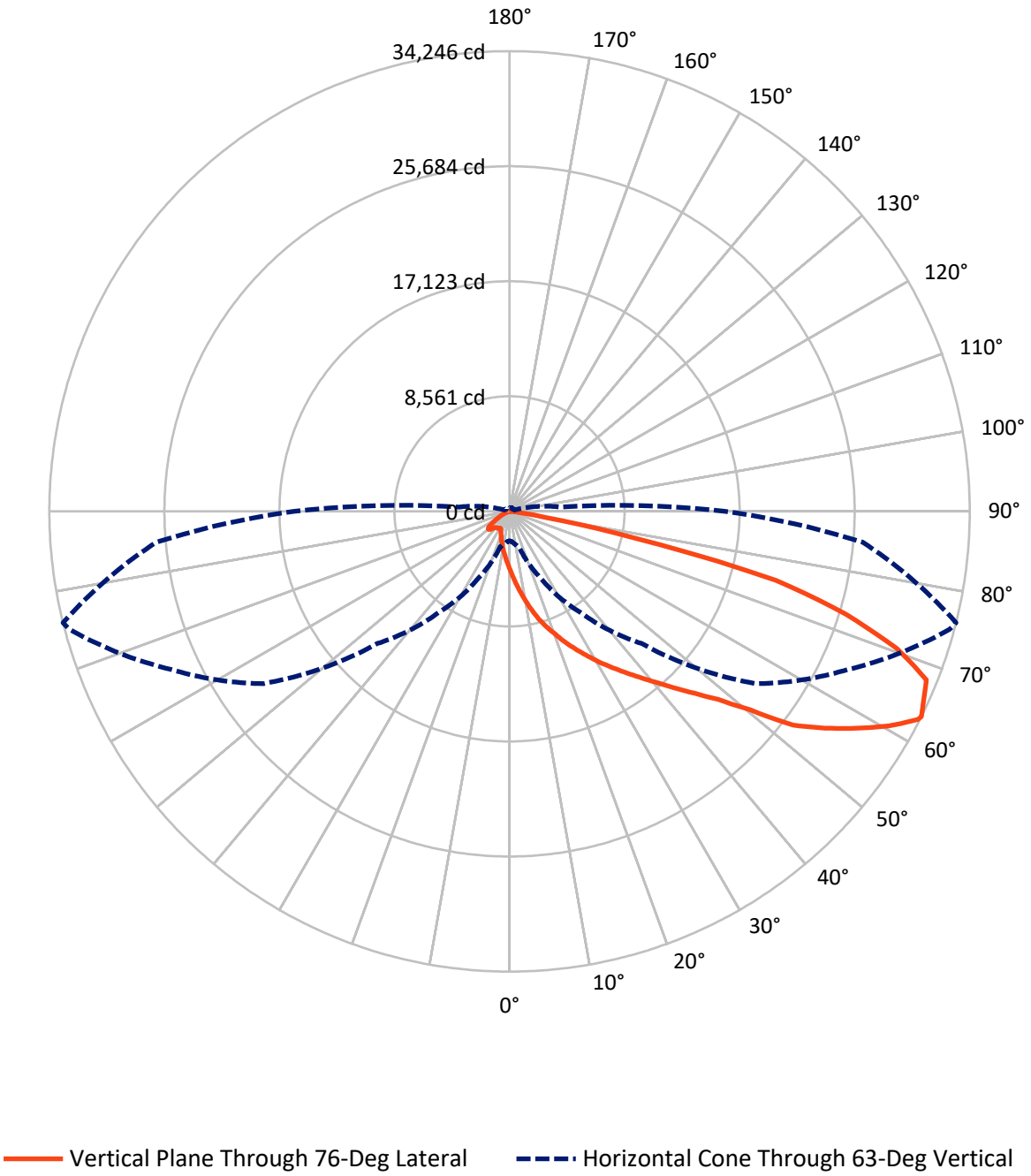
Based on 20 foot mounting height. Maximum calculated value = 27.3 fc
Type II - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1366061
CATALOG NUMBER: GSS-SB6C-740-U-T2R-HSS

Luminous Intensity Polar Plot



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

Scaled Data Report

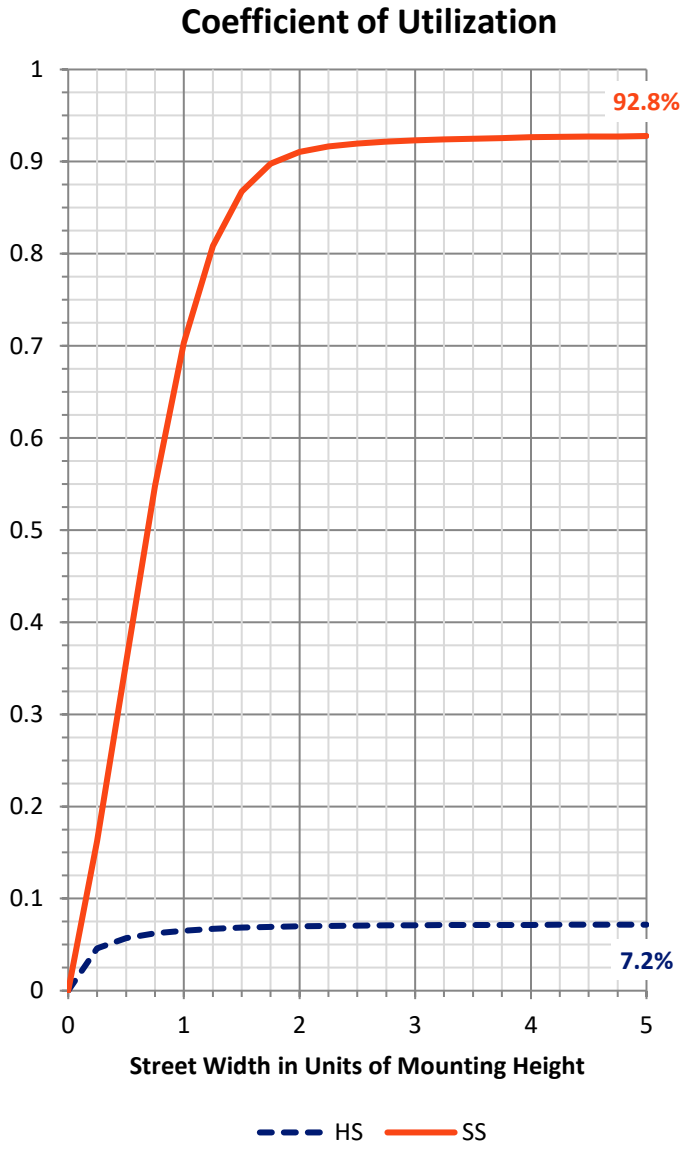
REPORT NUMBER: P1366061
CATALOG NUMBER: GSS-SB6C-740-U-T2R-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2788.5	0.0	2788.5
	% Fixture	7.2	0.0	7.2
Street Side	Lumens	35908.1	0.0	35908.1
	% Fixture	92.8	0.0	92.8
Total	Lumens	38696.6	0.0	38696.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	451.4	1.2
10°-20°	1614.8	4.2
20°-30°	3148.4	8.1
30°-40°	5529.9	14.3
40°-50°	8090.8	20.9
50°-60°	9388.5	24.3
60°-70°	7399.3	19.1
70°-80°	2940.9	7.6
80°-90°	132.7	0.3
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	38696.6	100.0
0°-180°	38696.6	100.0



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

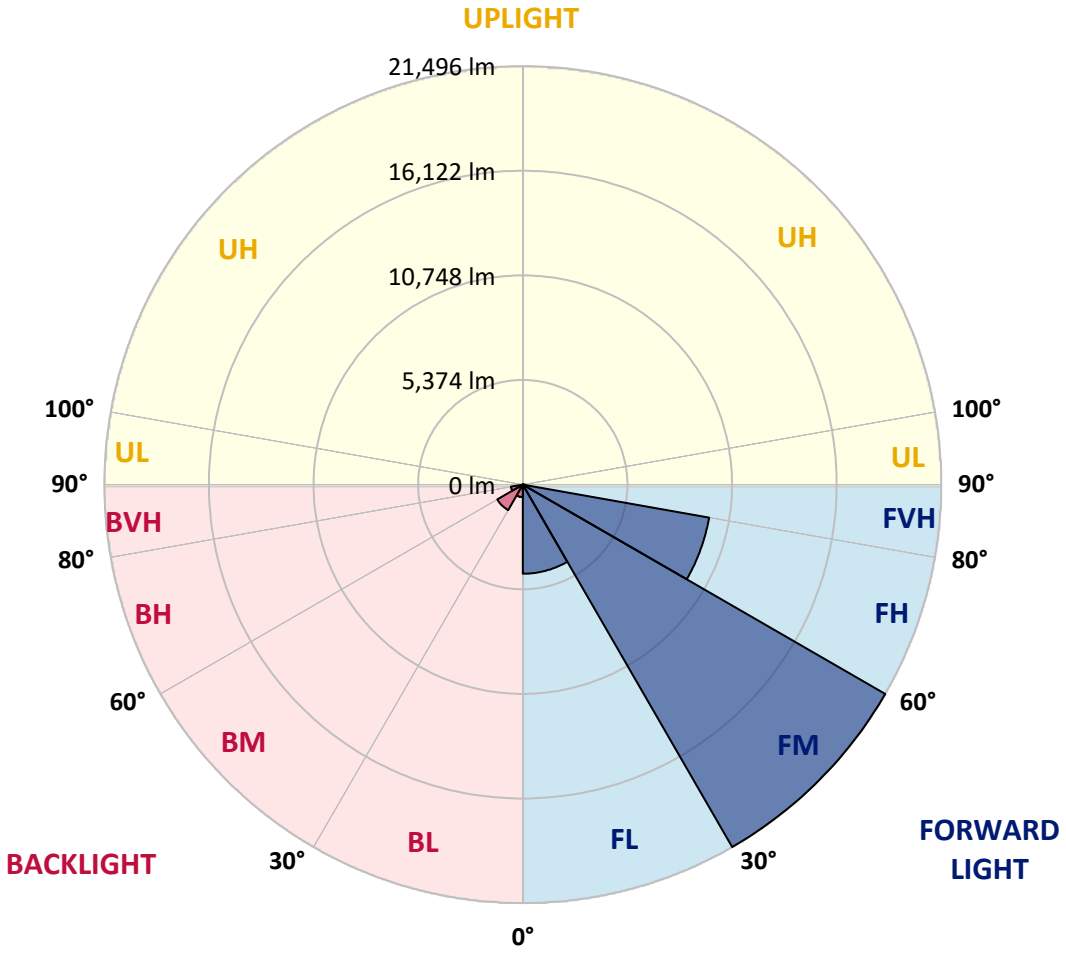
Scaled Data Report

REPORT NUMBER: P1366061
CATALOG NUMBER: GSS-SB6C-740-U-T2R-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	4575.9	11.8			
FM	(30°-60°)	21496.5	55.6			
FH	(60°-80°)	9719.7	25.1			G4/12000
FVH	(80°-90°)	116.0	0.3			G2/225
BL	(0°-30°)	638.6	1.7	B2/1000		
BM	(30°-60°)	1512.6	3.9	B2/2500		
BH	(60°-80°)	620.6	1.6	B2/1000		G2/1000
BVH	(80°-90°)	16.7	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G4
Type II Short



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

Scaled Data Report

REPORT NUMBER: P1366061
CATALOG NUMBER: GSS-SB6C-740-U-T2R-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	4326.0	4326.0	4326.0	4326.0	4326.0	4326.0	4326.0	4326.0	4326.0	*4326.0*	4326.0
2.5°	6201.3	6169.4	6169.4	6052.1	5881.7	5700.5	5444.8	5157.1	4869.4	*4858.8*	4539.1
5°	7693.0	7650.4	7597.2	7458.6	7234.9	6936.5	6595.6	6094.8	5498.1	*5476.8*	4848.1
7.5°	8662.7	8673.3	8598.7	8534.8	8385.6	8066.0	7629.1	7011.1	6233.3	*6137.4*	5253.0
10°	9536.4	9483.1	9472.5	9461.8	9355.3	9046.3	8630.7	7906.2	6957.8	*6861.9*	5700.5
12.5°	10079.8	10058.5	10133.1	10197.0	10175.7	10047.8	9568.4	8843.8	7725.0	*7607.8*	6148.0
15°	10250.3	10271.6	10452.7	10655.2	10825.7	10868.3	10463.4	9717.5	8449.6	*8375.0*	6659.5
17.5°	10122.4	10154.4	10410.1	10772.4	11187.9	11507.6	11326.5	10538.0	9227.4	*9088.9*	7117.7
20°	10175.7	10207.7	10442.1	10783.1	11326.5	11869.9	12029.7	11411.7	9920.0	*9770.8*	7650.4
22.5°	11070.7	11113.4	11166.6	11166.6	11539.6	12125.6	12487.9	12232.2	10708.5	*10559.3*	8236.5
25°	13031.3	12999.3	12711.6	12242.8	12253.5	12509.2	12903.4	12914.1	11507.6	*11326.5*	8769.2
27.5°	14981.2	15066.4	14693.5	14000.9	13457.5	13212.4	13382.9	13521.4	12274.8	*12093.6*	9365.9
30°	16781.9	16728.6	16334.4	15620.5	14938.6	14373.9	14011.6	14086.2	13095.2	*12956.7*	9962.6
32.5°	18199.1	18220.4	17772.9	16984.4	16238.5	15748.4	15002.5	14693.5	13894.4	*13787.8*	10601.9
35°	19392.4	19328.5	18785.1	18017.9	17325.3	17005.7	16217.2	15354.1	14810.7	*14672.2*	11273.2
37.5°	20532.6	20489.9	19818.7	18795.8	18167.1	18017.9	17570.4	16227.9	15759.0	*15652.5*	12125.6
40°	21299.7	21257.1	20681.7	19680.1	18923.6	18795.8	18774.4	17314.7	16781.9	*16707.3*	12999.3
42.5°	21480.9	21427.6	21022.7	20276.8	19605.5	19467.0	19925.2	18497.4	18060.5	*17932.7*	14022.2
45°	21118.6	21171.9	20894.8	20447.3	20127.7	19967.8	20873.5	19786.7	19371.1	*19296.5*	15119.7
47.5°	20074.4	20095.7	20074.4	20212.9	20276.8	20564.5	21747.2	21182.5	20894.8	*20905.5*	16526.2
50°	18177.8	18145.8	18476.1	19243.3	19999.8	20990.7	22876.7	23004.6	23281.6	*23217.7*	18625.3
52.5°	14469.7	14523.0	15950.8	17357.3	19200.7	20948.1	23729.1	25284.8	26414.2	*26414.2*	20894.8
55°	11667.4	11710.1	12647.7	15023.8	17581.1	20489.9	24197.9	26456.8	28481.3	*28470.7*	22514.4
57.5°	9536.4	9611.0	10356.8	12232.2	15162.3	19168.7	24389.7	27373.2	30260.7	*30452.5*	24176.6
60°	5338.3	5753.8	7234.9	9696.2	12487.9	17112.2	24091.4	28151.0	32200.0	*32423.7*	25870.8
62.5°	2418.7	2472.0	3143.3	5988.2	9728.2	14491.1	22706.2	27959.2	33947.4	*34117.9*	26424.9
63°	*2195.0*	*2280.2*	*2727.7*	*5476.8*	*9174.1*	*13905.0*	*22354.6*	*27820.7*	*33915.5*	*34245.8*	*26382.3*
65°	1726.1	1779.4	1896.6	3537.5	6148.0	11411.7	19989.1	25540.5	33468.0	*33862.2*	25444.6
67.5°	1417.1	1417.1	1513.0	2205.6	3399.0	7852.9	14821.4	22301.3	32999.1	*33457.3*	24251.2
70°	1204.0	1204.0	1268.0	1555.7	2024.5	3793.2	10665.8	19083.4	30207.5	*30580.4*	21107.9
72.5°	873.7	916.3	1012.2	1214.7	1395.8	2141.7	5476.8	14650.9	25849.5	*26179.8*	17708.9
75°	713.9	735.2	820.4	927.0	959.0	1289.3	1928.6	10910.9	20340.8	*20468.6*	12285.4
77.5°	372.9	404.9	671.3	756.5	735.2	788.5	937.7	5945.6	9888.0	*9216.7*	3985.0
80°	159.8	159.8	479.5	490.1	522.1	372.9	447.5	1363.9	2834.3	*2642.5*	809.8
82.5°	42.6	53.3	383.6	341.0	351.6	170.5	191.8	436.9	724.6	*681.9*	234.4
85°	21.3	32.0	95.9	85.2	106.6	63.9	85.2	170.5	127.9	*127.9*	95.9
87.5°	0.0	0.0	10.7	10.7	10.7	21.3	32.0	53.3	63.9	*63.9*	63.9
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: P1366061
CATALOG NUMBER: GSS-SB6C-740-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4326.0	4326.0	4326.0	4326.0	4326.0	4326.0	4326.0	4326.0	4326.0	4326.0	4326.0
2.5°	4368.6	4187.5	3857.2	3558.8	3260.5	2983.5	2759.7	2653.1	2504.0	2525.3	2504.0
5°	4485.8	4123.6	3431.0	2813.0	2354.8	1992.5	1758.1	1630.2	1523.7	1502.4	1523.7
7.5°	4667.0	4102.2	3068.7	2248.2	1726.1	1491.7	1395.8	1353.2	1321.2	1310.6	1321.2
10°	4901.4	4112.9	2738.4	1822.0	1459.8	1353.2	1289.3	1246.7	1214.7	1214.7	1204.0
12.5°	5157.1	4123.6	2408.1	1545.0	1331.9	1257.3	1193.4	1150.8	1118.8	1108.1	1108.1
15°	5402.2	4123.6	2131.0	1385.2	1246.7	1172.1	1118.8	1065.5	1033.6	1012.2	1022.9
17.5°	5647.3	4102.2	1864.7	1289.3	1172.1	1097.5	1033.6	980.3	948.3	927.0	927.0
20°	5924.3	4080.9	1630.2	1204.0	1097.5	1022.9	948.3	905.7	873.7	852.4	852.4
22.5°	6212.0	4038.3	1449.1	1118.8	1012.2	937.7	873.7	820.4	788.5	767.2	767.2
25°	6489.0	3995.7	1289.3	1044.2	948.3	863.1	799.1	745.9	703.2	692.6	692.6
27.5°	6787.4	3942.4	1172.1	969.6	873.7	799.1	724.6	671.3	639.3	628.7	628.7
30°	7149.6	3974.4	1129.5	895.0	809.8	735.2	671.3	618.0	586.0	586.0	586.0
32.5°	7490.6	3995.7	1182.7	863.1	745.9	671.3	607.3	564.7	543.4	543.4	543.4
35°	7874.2	4038.3	1236.0	895.0	703.2	618.0	564.7	532.8	500.8	500.8	500.8
37.5°	8321.7	4049.0	1278.6	937.7	692.6	575.4	543.4	500.8	479.5	479.5	479.5
40°	9088.9	4219.5	1278.6	969.6	692.6	532.8	490.1	458.2	436.9	436.9	436.9
42.5°	10037.2	4752.2	1257.3	980.3	703.2	522.1	458.2	436.9	415.6	415.6	415.6
45°	11038.8	5370.2	1395.8	927.0	703.2	522.1	426.2	426.2	394.2	394.2	394.2
47.5°	12210.8	5988.2	1534.3	841.8	713.9	522.1	415.6	383.6	372.9	372.9	372.9
50°	13734.5	6393.1	1577.0	745.9	692.6	522.1	394.2	372.9	351.6	362.3	362.3
52.5°	14917.3	6382.5	1523.7	650.0	650.0	511.4	372.9	362.3	351.6	351.6	351.6
55°	15897.5	6212.0	1246.7	554.1	575.4	436.9	362.3	362.3	341.0	341.0	341.0
57.5°	16664.7	5679.2	895.0	468.8	479.5	362.3	351.6	351.6	341.0	330.3	330.3
60°	17016.3	4816.1	618.0	404.9	394.2	330.3	330.3	330.3	319.7	309.0	309.0
62.5°	16387.7	3942.4	447.5	351.6	319.7	298.3	309.0	309.0	287.7	266.4	255.7
63°	*16036.1*	*3761.3*	*426.2*	*341.0*	*309.0*	*298.3*	*309.0*	*309.0*	*287.7*	*255.7*	*245.1*
65°	14874.6	3036.7	372.9	309.0	277.0	266.4	287.7	277.0	245.1	191.8	191.8
67.5°	13308.3	2013.8	319.7	277.0	245.1	234.4	245.1	245.1	213.1	170.5	159.8
70°	11347.8	1268.0	266.4	223.8	202.4	181.1	191.8	213.1	181.1	138.5	127.9
72.5°	9312.6	884.4	213.1	181.1	159.8	127.9	159.8	181.1	149.2	106.6	106.6
75°	6275.9	564.7	170.5	138.5	117.2	106.6	127.9	138.5	117.2	74.6	74.6
77.5°	1981.9	287.7	138.5	106.6	85.2	74.6	85.2	95.9	63.9	42.6	42.6
80°	436.9	170.5	95.9	74.6	63.9	53.3	53.3	32.0	21.3	21.3	10.7
82.5°	159.8	106.6	74.6	53.3	42.6	32.0	21.3	21.3	10.7	0.0	0.0
85°	85.2	63.9	42.6	32.0	32.0	21.3	21.3	10.7	0.0	0.0	0.0
87.5°	53.3	42.6	32.0	32.0	21.3	21.3	10.7	10.7	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-1

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

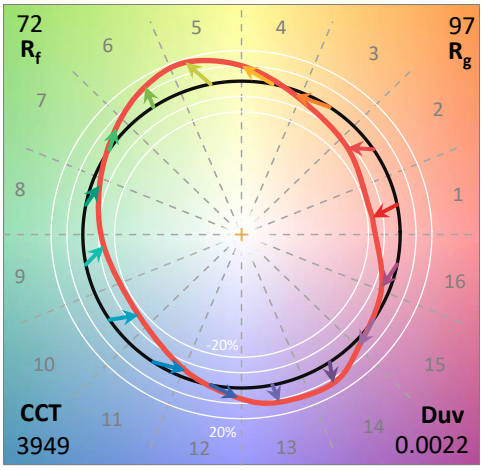
Test Information

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

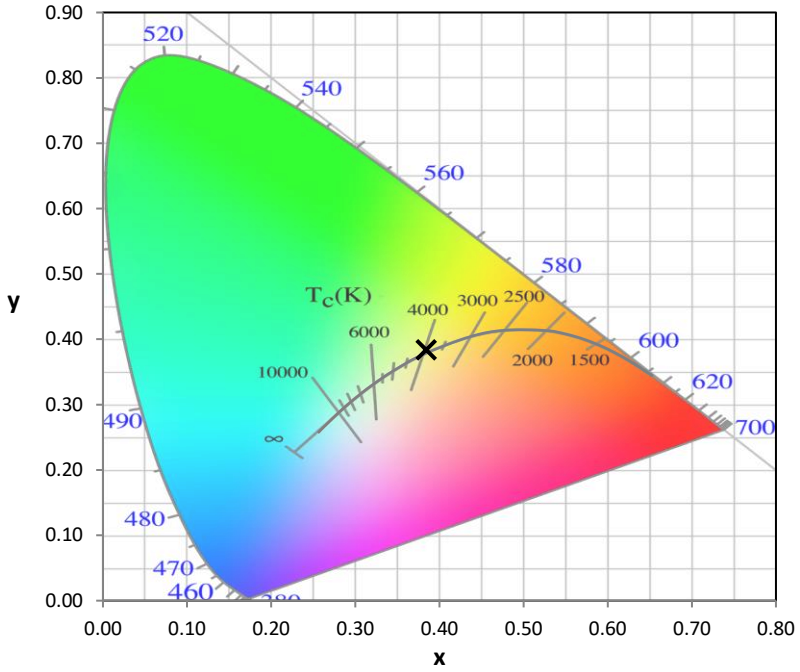
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

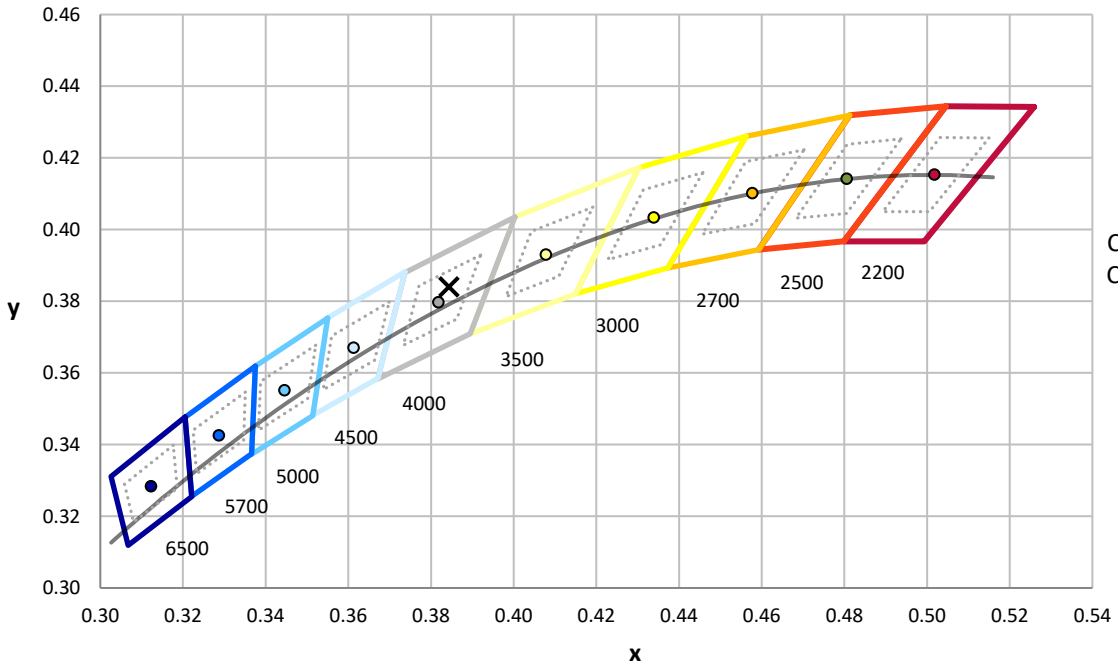
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

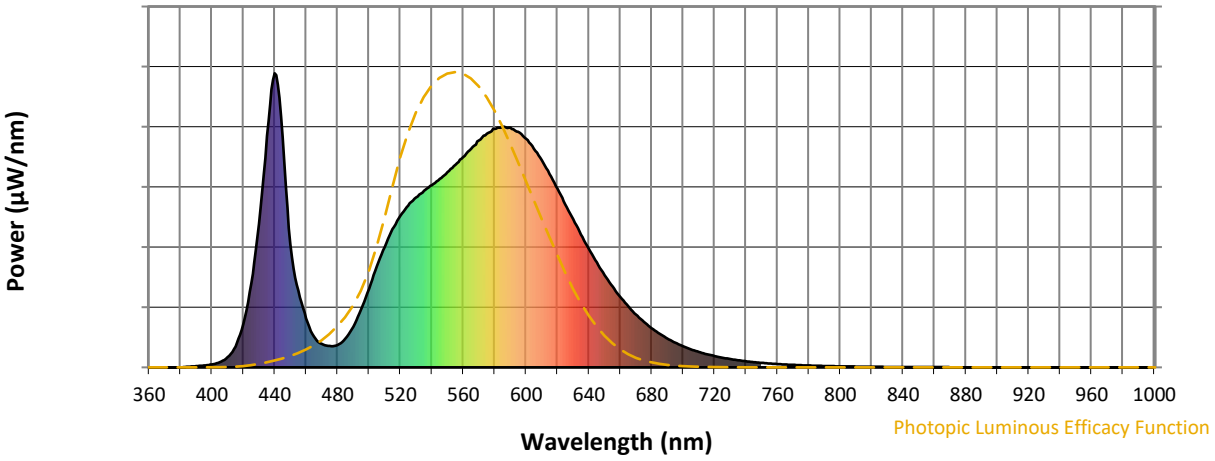


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

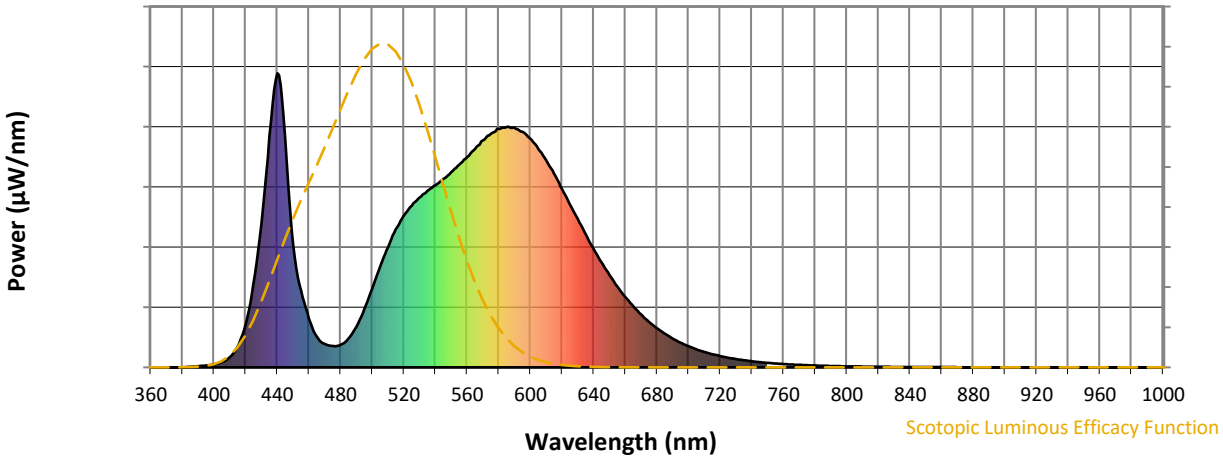


Photopic Lumens: NR

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

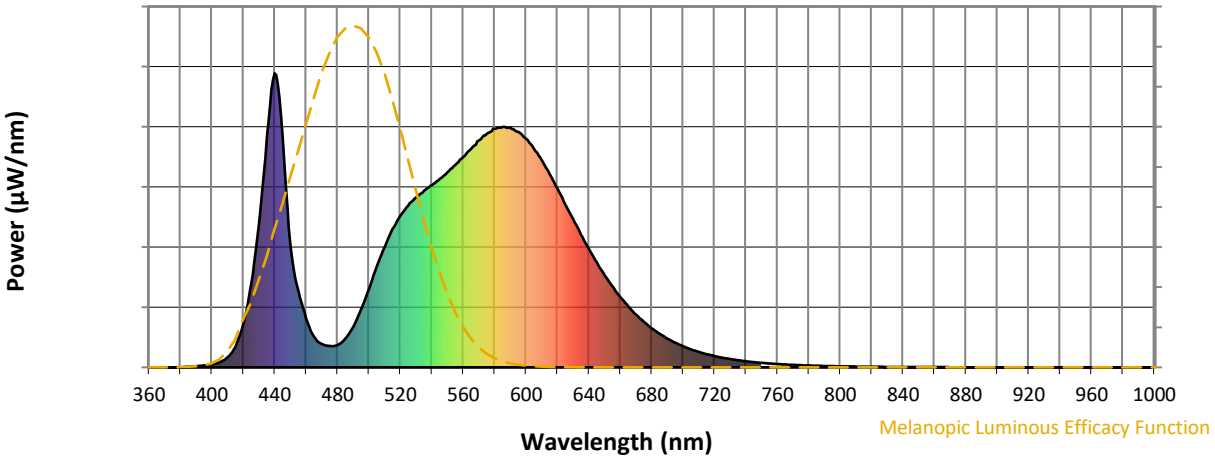


Scotopic Lumens: NR **S/P: 1.47**

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			

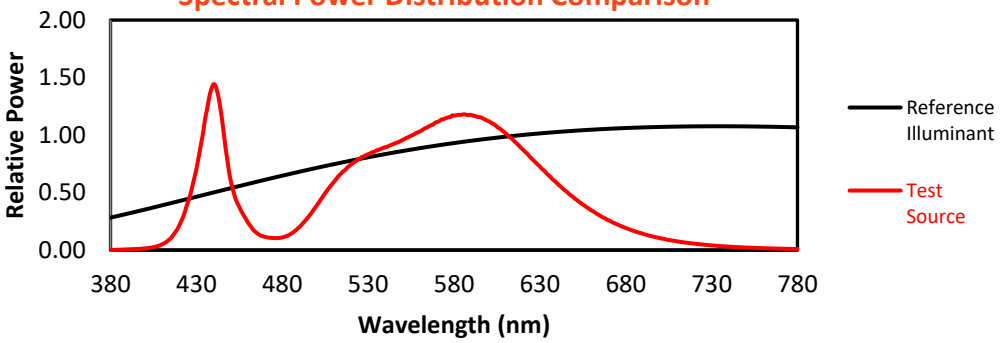
REPORT NUMBER: SP1-2407-184-1

TM-30-18

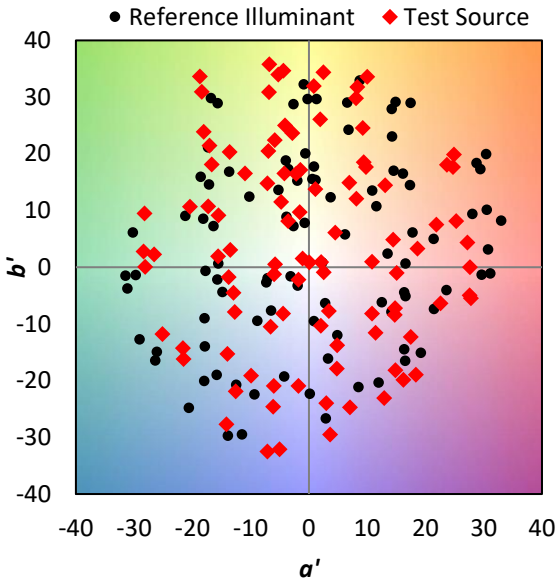
Summary

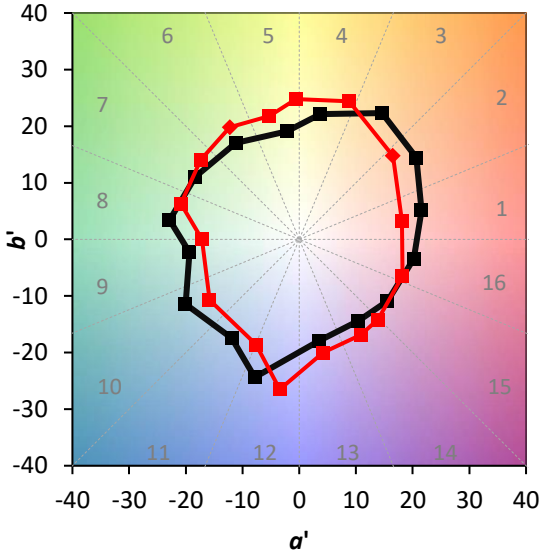
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

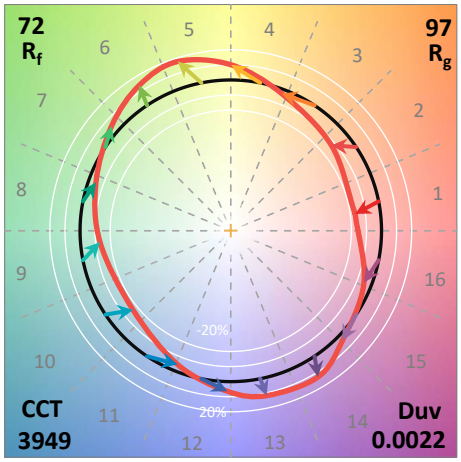
Spectral Power Distribution Comparison

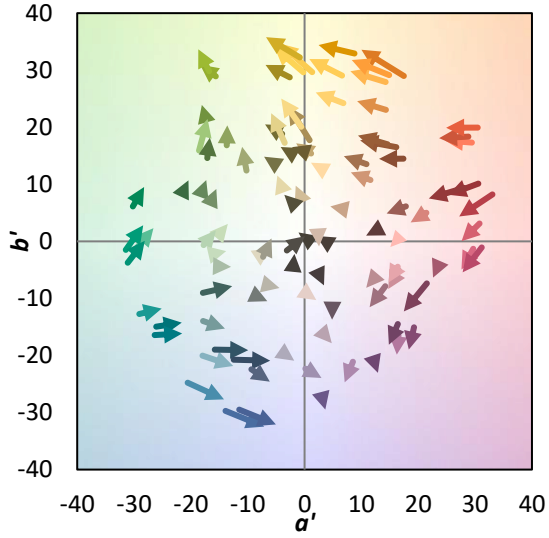


Color Vector Graphics







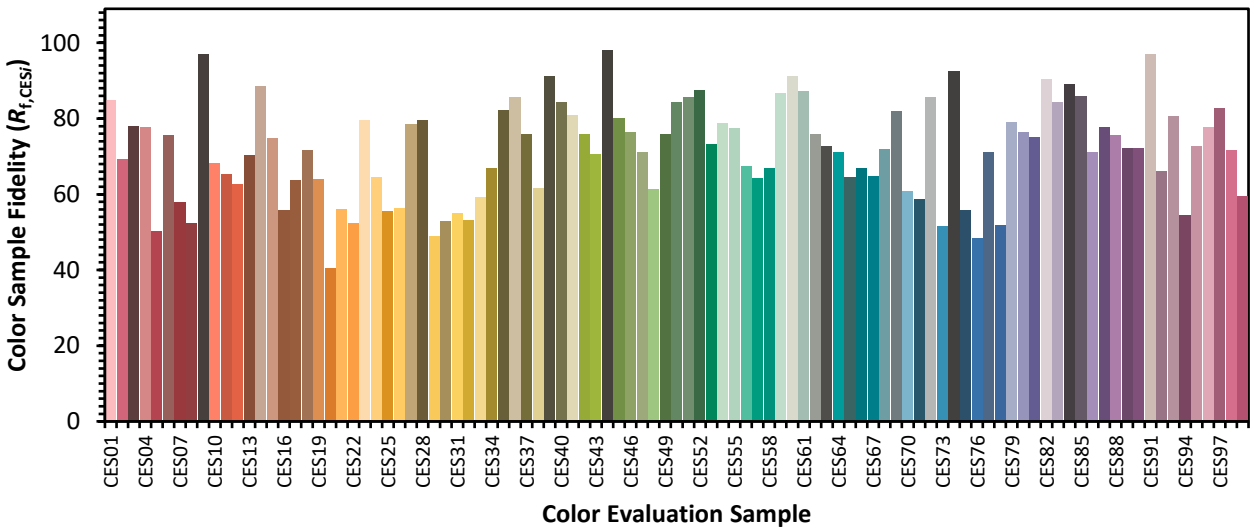


REPORT NUMBER: SP1-2407-184-1

TM-30-18

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

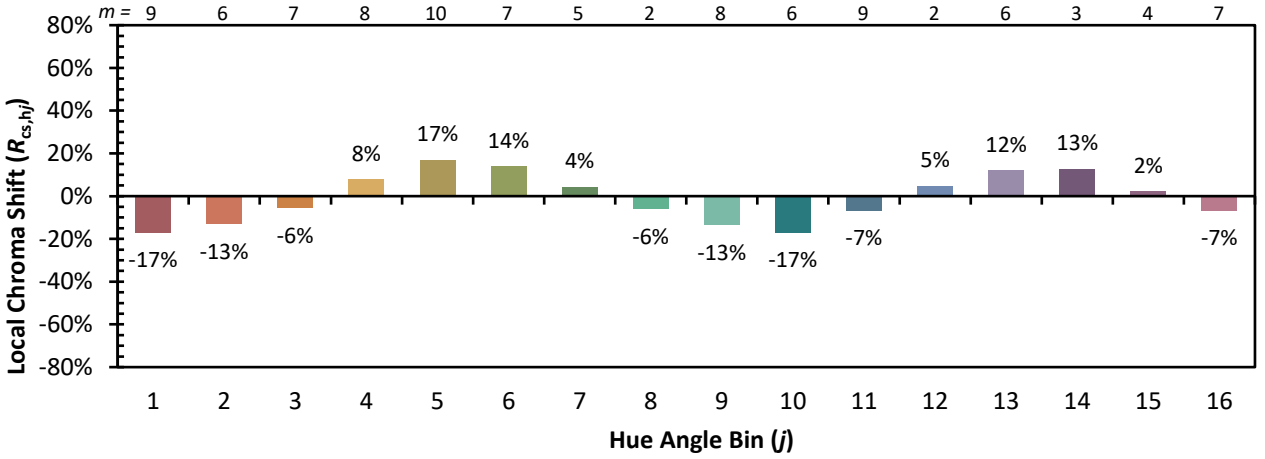
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82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

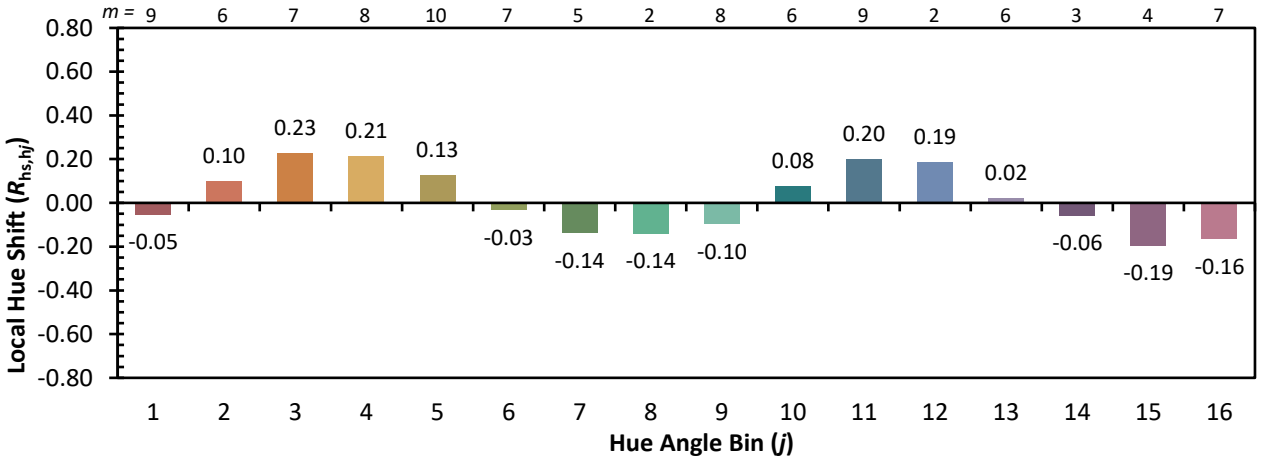


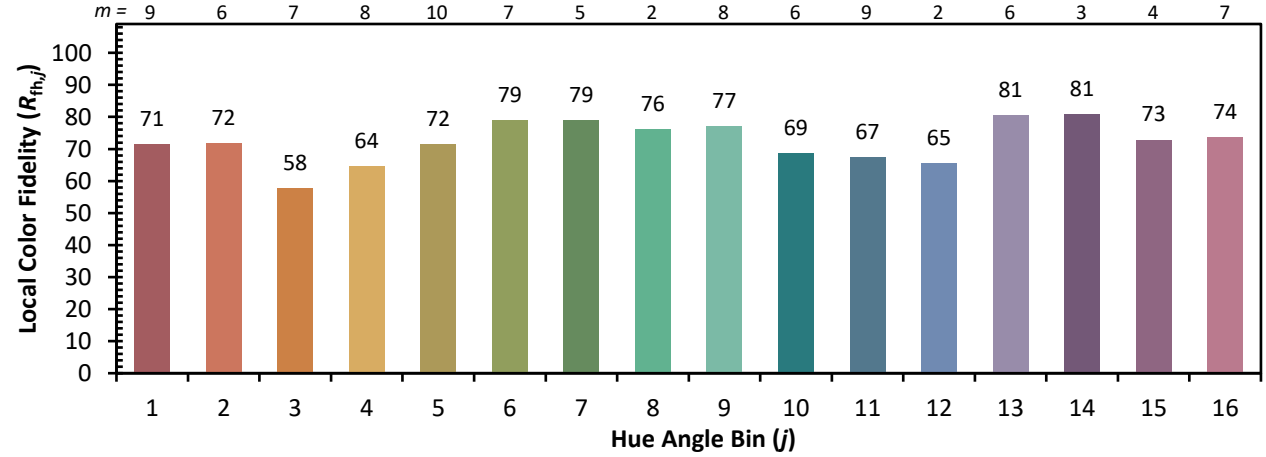
REPORT NUMBER: SP1-2407-184-1

TM-30-18

Color Rendition by Hue-Angle Bin



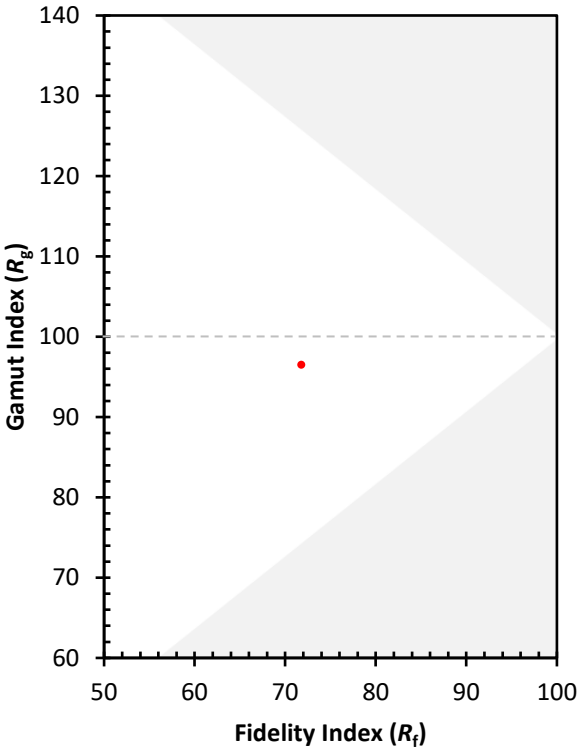


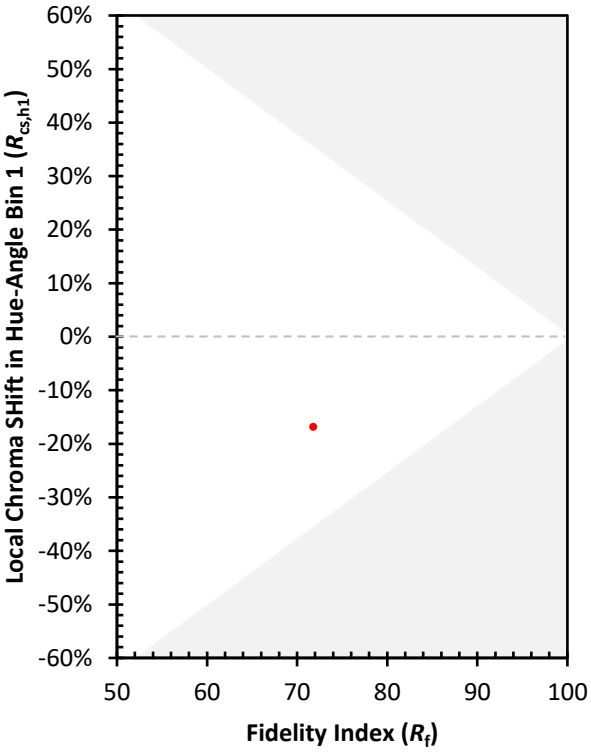


REPORT NUMBER: SP1-2407-184-1

TM-30-18

Measure Comparisons





(END OF REPORT)