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

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P1457841

Luminaire Tested: GLAN-SB9C-835-U-T2LG-HSS

Issue Date: 05/20/2026

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

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1457841
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB9C-835-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 9xLight Square PACKAGE 80CRI 3500K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(234) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	45844.8 lumens
Efficiency:	N/A
Efficacy:	101.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B3 - U0 - G4

Input Watts (W):	449.8
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1457841
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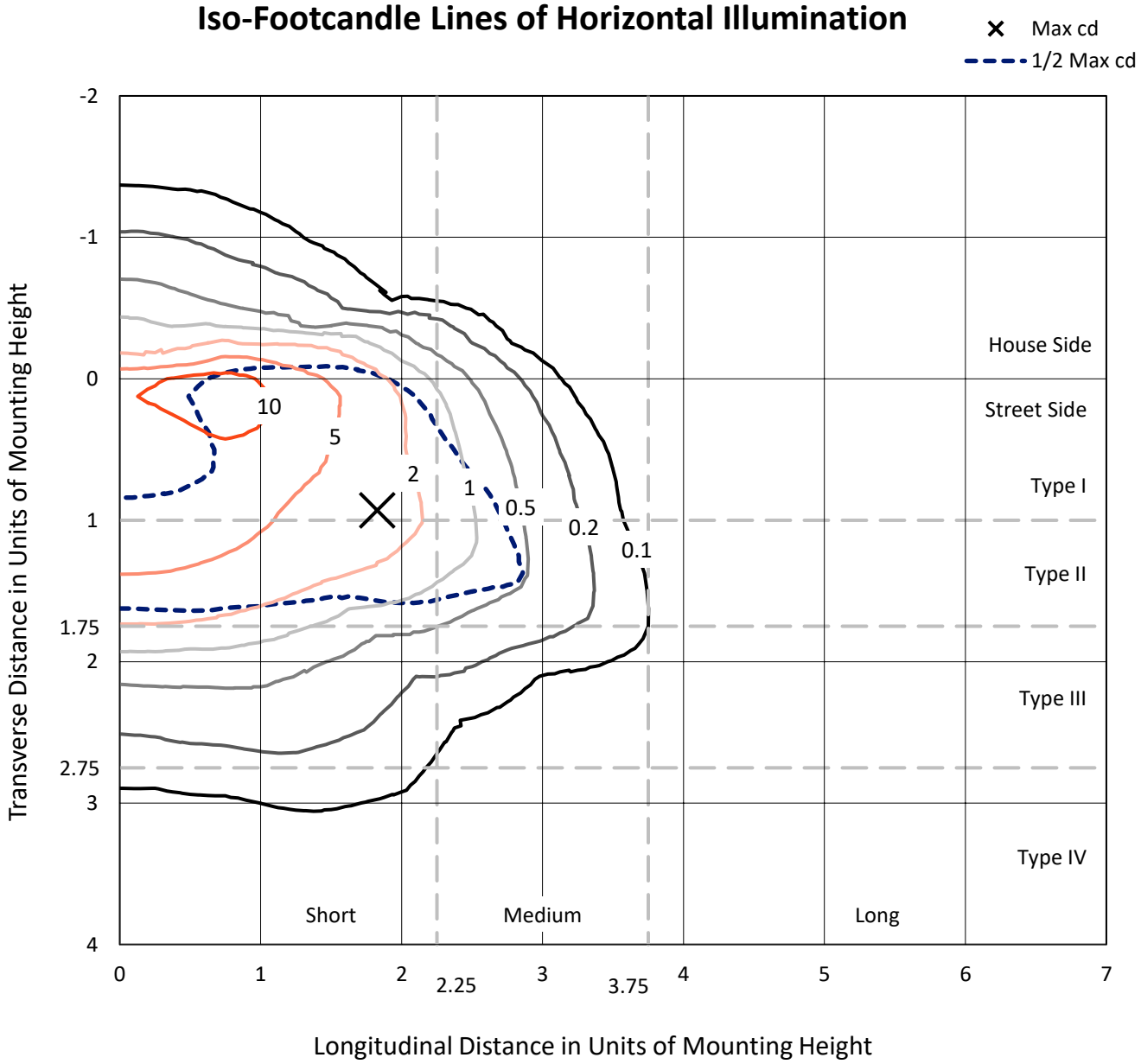
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 14.6 fc
Type II - Short - N/A

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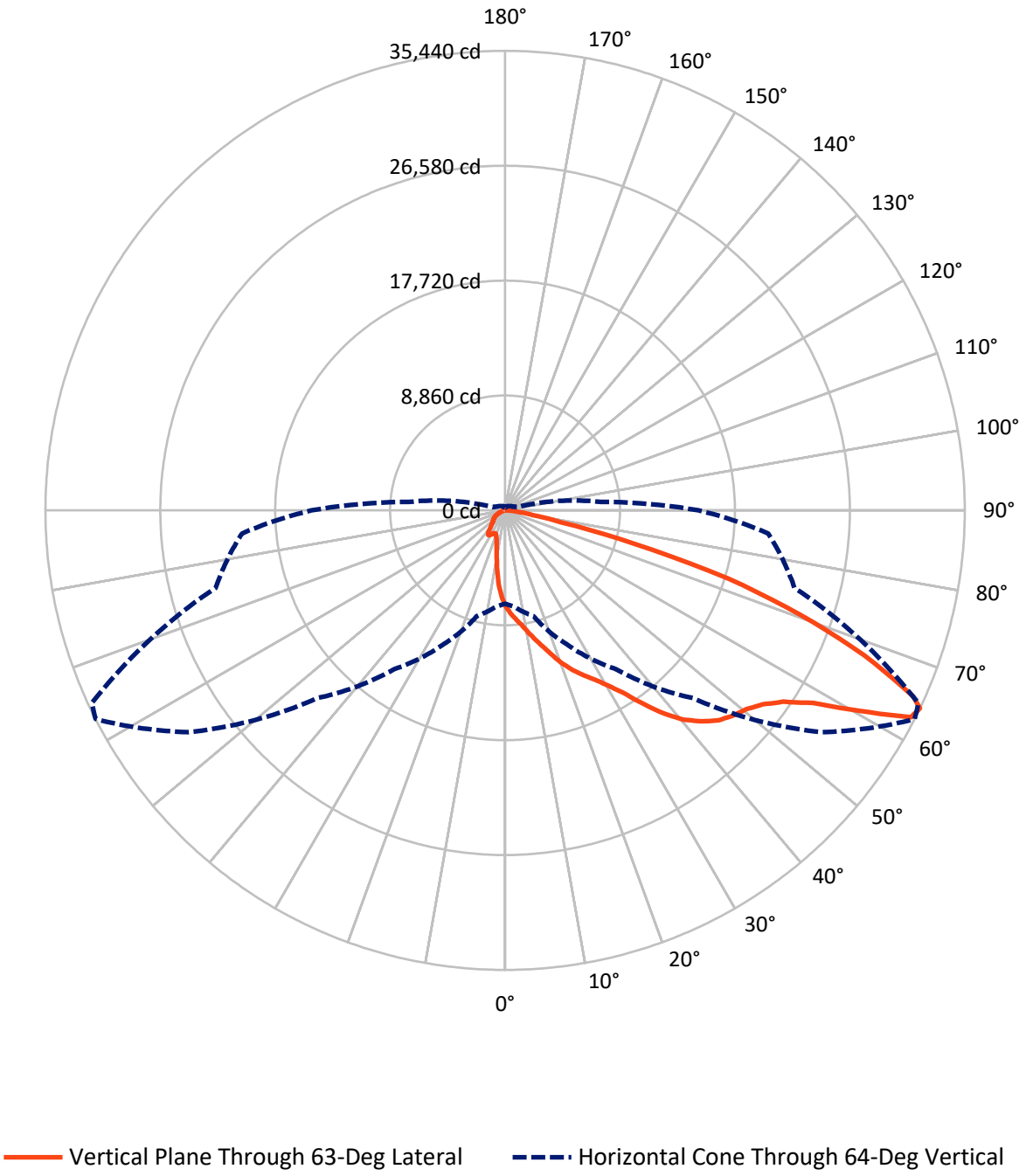
Luminous Intensity Polar Plot



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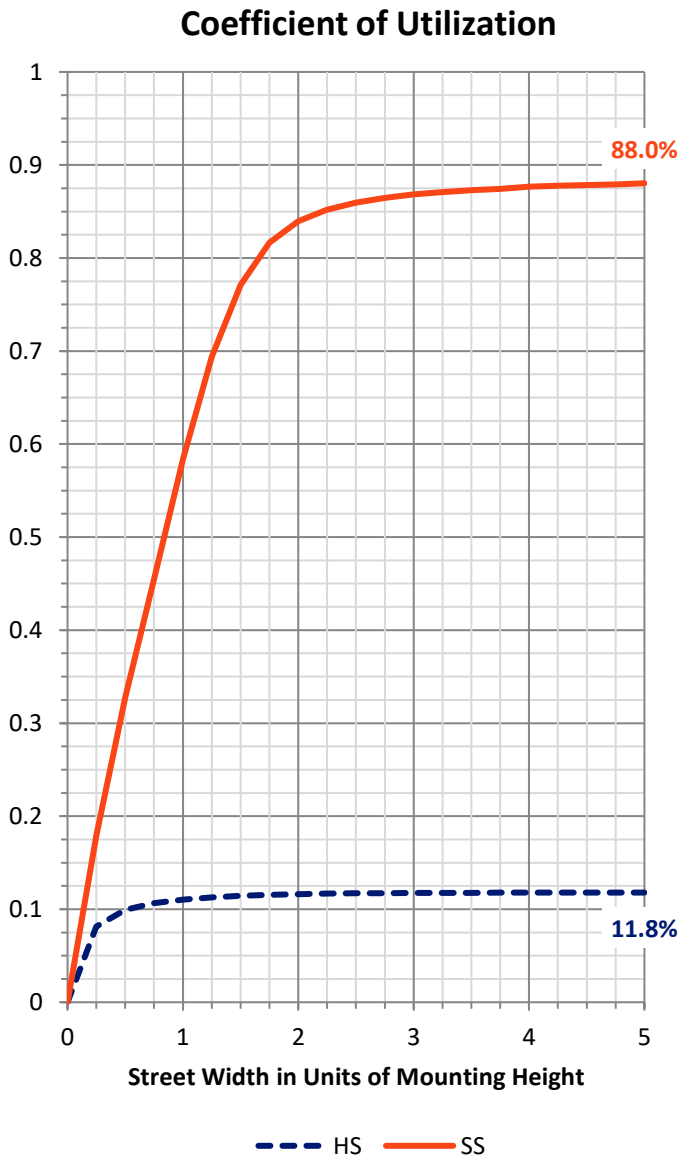
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5440.3	0.0	5440.3
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	40404.5	0.0	40404.5
	% Fixture	88.1	0.0	88.1
Total	Lumens	45844.8	0.0	45844.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	624.2	1.4
10°-20°	1754.1	3.8
20°-30°	3124.1	6.8
30°-40°	5967.0	13.0
40°-50°	9890.8	21.6
50°-60°	12328.8	26.9
60°-70°	9193.2	20.1
70°-80°	2636.6	5.8
80°-90°	326.0	0.7
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°	45844.8	100.0
0°-180°	45844.8	100.0



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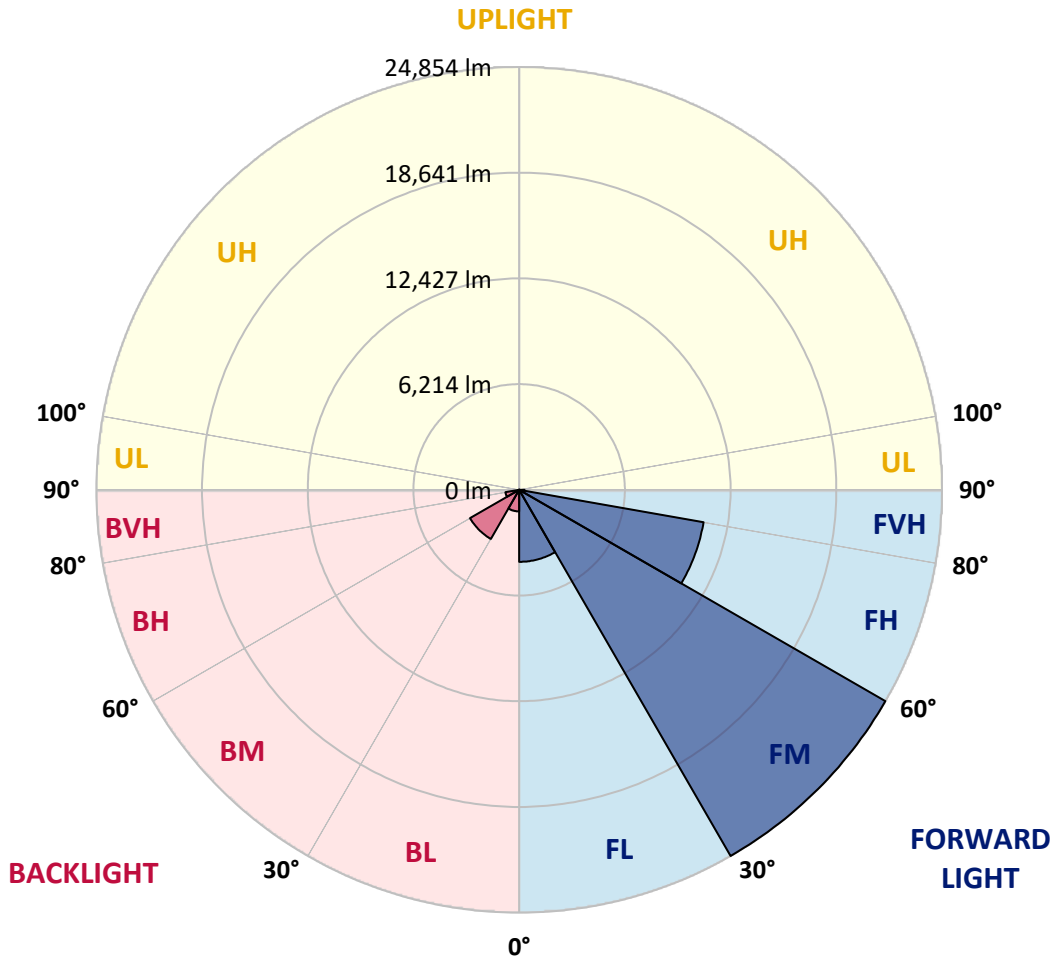
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	4233.2	9.2			
FM	(30°-60°)	24854.4	54.2			
FH	(60°-80°)	11007.0	24.0			G4/12000
FVH	(80°-90°)	310.0	0.7			G3/500
BL	(0°-30°)	1269.2	2.8	B3/2500		
BM	(30°-60°)	3332.2	7.3	B3/5000		
BH	(60°-80°)	822.8	1.8	B2/1000		G2/1000
BVH	(80°-90°)	16.0	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
Type II Short



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REPORT NUMBER: P1457841
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	7412.6	7412.6	7412.6	7412.6	7412.6	7412.6	7412.6	*7412.6*	7412.6	7412.6	7412.6
2.5°	8306.5	8279.0	8251.5	8210.2	8155.2	8100.2	8031.4	*7935.1*	7893.9	7756.4	7591.3
5°	8732.8	8732.8	8719.0	8691.5	8664.0	8609.0	8526.5	*8402.7*	8347.7	8155.2	7866.4
7.5°	8842.8	8856.6	8897.8	8952.8	9035.3	9021.6	9021.6	*8884.1*	8856.6	8650.3	8265.2
10°	8650.3	8664.0	8774.0	8925.3	9172.9	9406.7	9571.7	*9489.2*	9447.9	9241.6	8760.3
12.5°	8375.2	8375.2	8554.0	8787.8	9172.9	9612.9	10094.3	*10176.8*	10190.5	9956.8	9379.2
15°	7660.1	7687.6	7976.4	8444.0	9076.6	9764.2	10575.6	*10891.9*	10974.4	10823.2	10135.5
17.5°	6711.2	6738.7	7027.5	7660.1	8609.0	9764.2	10988.2	*11717.1*	11827.1	11854.6	11098.2
20°	6312.4	6312.4	6477.4	6958.7	7948.9	9502.9	11235.7	*12597.2*	12844.8	13147.3	12157.1
22.5°	6367.4	6367.4	6463.6	6738.7	7536.3	9145.4	11387.0	*13381.1*	13889.9	14660.1	13518.6
25°	6669.9	6669.9	6752.4	6931.2	7577.6	9090.4	11675.8	*14082.5*	14893.9	16351.6	15072.7
27.5°	7151.3	7137.5	7206.3	7385.1	7976.4	9351.6	12157.1	*14783.9*	15691.5	18249.5	16860.5
30°	7852.6	7811.4	7838.9	8045.2	8622.8	9956.8	12858.5	*15677.8*	16599.2	20326.1	18840.8
32.5°	9475.4	9461.7	9062.8	8952.8	9571.7	10933.2	13821.2	*16791.7*	17823.1	22526.5	20876.2
35°	12404.7	12597.2	12033.4	10589.4	10713.1	12239.7	15196.4	*18304.5*	19253.4	24864.4	23090.3
37.5°	15375.2	15375.2	15141.4	13436.1	12569.7	13683.7	16681.7	*19858.5*	20848.7	26748.5	25221.9
40°	17726.9	17850.6	17575.6	16296.6	15168.9	15334.0	18167.0	*21220.0*	22127.7	27903.7	26734.7
42.5°	19473.4	19445.9	19335.9	18497.0	17864.4	17493.1	19514.7	*22237.7*	23104.1	28495.0	27683.6
45°	21357.5	21357.5	21206.2	20518.6	19996.0	19679.7	20518.6	*23090.3*	23998.0	28852.6	28275.0
47.5°	23324.1	23296.6	23145.3	22388.9	21825.1	21357.5	21536.3	*23640.4*	24548.1	28618.8	28371.3
50°	23805.4	23777.9	24121.8	24149.3	23640.4	22746.5	22347.7	*24108.0*	24905.6	28632.5	28673.8
52.5°	23241.6	23406.6	23915.5	24534.3	25111.9	24176.8	23214.1	*24850.6*	25675.8	29017.6	29430.2
55°	21838.9	21907.6	22884.0	23874.2	25221.9	25552.0	24603.1	*26033.3*	26762.2	29388.9	30104.1
57.5°	19225.9	19487.2	20532.4	22251.4	24300.5	25675.8	27023.5	*28013.7*	28563.8	29540.2	29732.7
60°	14508.8	14646.3	16915.5	19143.4	22388.9	24685.6	29278.9	*31369.3*	31300.5	27834.9	27133.5
62.5°	8829.1	8952.8	10575.6	14110.0	18194.5	22622.7	30035.3	*35123.7*	34752.4	24960.7	22842.8
64°	*7192.5*	*7426.3*	*8430.2*	*11455.8*	*14962.6*	*20463.6*	*29815.3*	*35440.0*	*35151.2*	*23104.1*	*20353.6*
65°	6147.3	6463.6	7495.1	9943.0	12721.0	18139.4	29210.2	*34559.8*	34367.3	21976.4	18290.7
67.5°	3864.4	4015.7	5542.2	7728.9	8760.3	11607.0	25111.9	*29884.0*	30227.8	19583.5	13491.1
70°	2874.3	2943.0	3809.4	5982.3	6835.0	6752.4	17245.5	*24204.3*	24286.8	15664.0	8141.4
72.5°	2090.4	2104.1	2668.0	4428.3	5349.7	4607.1	9090.4	*17988.2*	17396.8	9172.9	4442.0
75°	1389.0	1444.0	1870.3	3121.8	4167.0	3383.1	4139.5	*10245.6*	10066.8	4483.3	2544.2
77.5°	1017.7	1031.4	1265.2	2090.4	3273.1	2489.2	2502.9	*4414.5*	4552.1	2668.0	1609.0
80°	577.6	605.1	825.1	1279.0	2131.6	1705.3	1402.7	*2131.6*	2447.9	1815.3	1072.7
82.5°	343.8	371.3	591.4	838.9	1457.8	701.4	715.1	*1169.0*	1457.8	1306.5	577.6
85°	206.3	220.0	371.3	453.8	866.4	467.6	261.3	*577.6*	756.4	770.1	316.3
87.5°	137.5	137.5	206.3	192.5	247.5	220.0	110.0	*151.3*	192.5	261.3	123.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0

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Scaled Data Report

REPORT NUMBER: P1457841
CATALOG NUMBER: GLAN-SB9C-835-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7412.6	7412.6	7412.6	7412.6	7412.6	7412.6	7412.6	7412.6	7412.6	7412.6	7412.6
2.5°	7453.8	7371.3	7123.8	6793.7	6491.1	6257.4	5968.6	5776.0	5597.2	5597.2	5446.0
5°	7632.6	7412.6	6807.5	6051.1	5239.7	4469.5	3974.5	3424.4	3245.6	3094.3	3121.8
7.5°	7935.1	7536.3	6463.6	5102.1	3809.4	2984.3	2434.2	2186.6	2076.6	2007.9	2021.6
10°	8306.5	7756.4	6051.1	4139.5	2805.5	2186.6	1925.3	1829.1	1787.8	1774.1	1774.1
12.5°	8815.3	8017.7	5638.5	3328.1	2214.1	1884.1	1746.6	1691.5	1650.3	1622.8	1622.8
15°	9420.4	8347.7	5157.2	2736.7	1939.1	1732.8	1622.8	1567.8	1512.8	1499.0	1499.0
17.5°	10190.5	8691.5	4730.8	2351.7	1801.6	1622.8	1512.8	1444.0	1402.7	1389.0	1389.0
20°	11043.2	9117.9	4304.5	2131.6	1705.3	1512.8	1402.7	1347.7	1306.5	1279.0	1292.7
22.5°	12129.6	9654.2	4029.5	2021.6	1622.8	1416.5	1306.5	1251.5	1210.2	1182.7	1196.5
25°	13326.1	10328.1	3878.2	2021.6	1567.8	1347.7	1224.0	1169.0	1127.7	1100.2	1100.2
27.5°	14783.9	11084.5	3891.9	2104.1	1554.0	1292.7	1155.2	1100.2	1058.9	1017.7	1017.7
30°	16392.9	11978.4	4043.2	2255.4	1581.5	1237.7	1100.2	1017.7	990.2	948.9	948.9
32.5°	18098.2	13009.8	4428.3	2447.9	1554.0	1169.0	1017.7	948.9	907.7	880.2	880.2
35°	19899.8	14178.7	4909.6	2530.4	1416.5	1072.7	948.9	880.2	852.7	838.9	825.1
37.5°	21618.8	15196.4	5170.9	2365.4	1237.7	990.2	866.4	797.6	783.9	756.4	756.4
40°	22952.8	16035.3	5019.6	2021.6	1141.5	907.7	797.6	728.9	701.4	673.9	673.9
42.5°	23736.7	16337.9	4469.5	1719.1	1072.7	825.1	728.9	660.1	632.6	618.9	618.9
45°	24190.5	16296.6	3823.2	1540.3	1003.9	756.4	660.1	618.9	577.6	563.8	550.1
47.5°	24176.8	15870.3	3355.6	1389.0	935.2	701.4	618.9	577.6	536.3	522.6	522.6
50°	24080.5	15237.7	2833.0	1279.0	880.2	660.1	577.6	550.1	508.8	495.1	481.3
52.5°	24314.3	14880.1	2365.4	1210.2	811.4	632.6	563.8	522.6	467.6	453.8	453.8
55°	24603.1	14673.8	1897.8	1141.5	756.4	618.9	536.3	495.1	440.1	426.3	426.3
57.5°	23764.2	13889.9	1567.8	1031.4	687.6	591.4	508.8	481.3	426.3	385.1	385.1
60°	21123.7	11483.3	1292.7	907.7	632.6	550.1	481.3	440.1	385.1	330.1	330.1
62.5°	17176.8	8760.3	1072.7	770.1	591.4	508.8	440.1	398.8	330.1	261.3	261.3
64°	*14921.4*	*7440.1*	*962.7*	*673.9*	*563.8*	*467.6*	*398.8*	*357.6*	*288.8*	*220.0*	*206.3*
65°	13381.1	6573.7	893.9	632.6	550.1	440.1	385.1	343.8	261.3	206.3	192.5
67.5°	9420.4	4414.5	715.1	522.6	481.3	371.3	330.1	288.8	233.8	178.8	165.0
70°	5487.2	2502.9	563.8	440.1	371.3	288.8	275.0	261.3	206.3	137.5	137.5
72.5°	2984.3	1251.5	426.3	357.6	288.8	206.3	233.8	206.3	165.0	110.0	96.3
75°	1829.1	770.1	316.3	261.3	192.5	151.3	178.8	151.3	96.3	68.8	55.0
77.5°	1224.0	495.1	233.8	178.8	123.8	96.3	123.8	82.5	41.3	13.8	13.8
80°	756.4	343.8	151.3	110.0	68.8	41.3	27.5	13.8	13.8	0.0	0.0
82.5°	330.1	220.0	82.5	55.0	27.5	13.8	13.8	0.0	0.0	0.0	0.0
85°	178.8	68.8	27.5	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	55.0	27.5	13.8	0.0	0.0	0.0	0.0	0.0	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

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

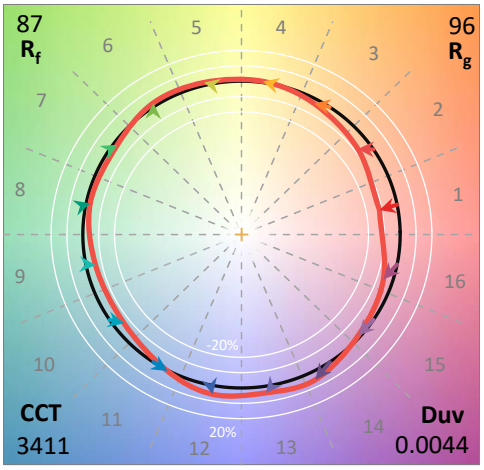
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-10
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-835-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3411
CIE u':	0.2360
CIE v':	0.5189
Duv:	0.0044
CIE x:	0.4154
CIE y:	0.4059
CIE z:	0.1787
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	579
Purity:	46.51914
Rf:	86.6
Rg:	95.9

CRI (Ra):	83.5
R1:	81.1
R2:	88.9
R3:	97.2
R4:	83.8
R5:	81.7
R6:	86.9
R7:	86.1
R8:	62.2
R9:	6.3
R10:	75.4
R11:	84.1
R12:	69.7
R13:	82.8
R14:	98.5
R15:	72.6



Test Conditions

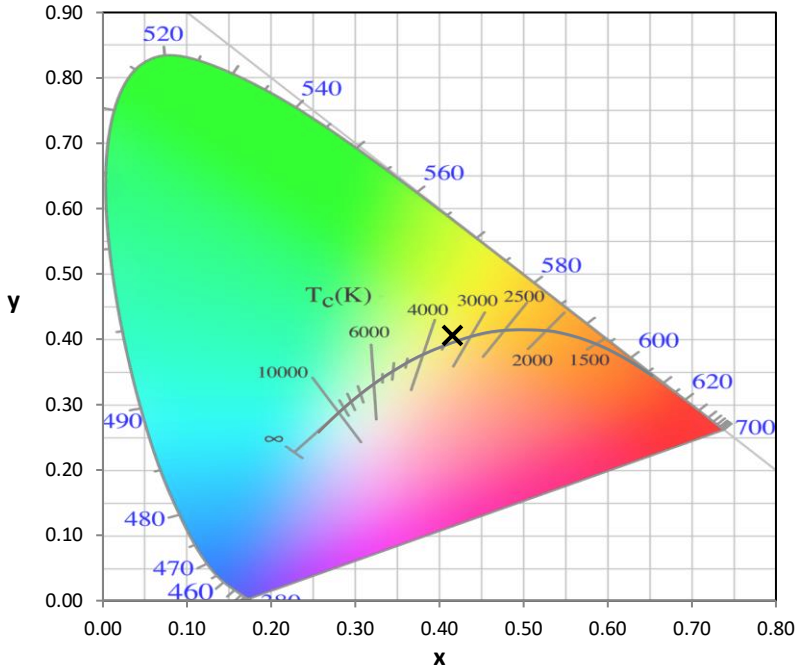
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

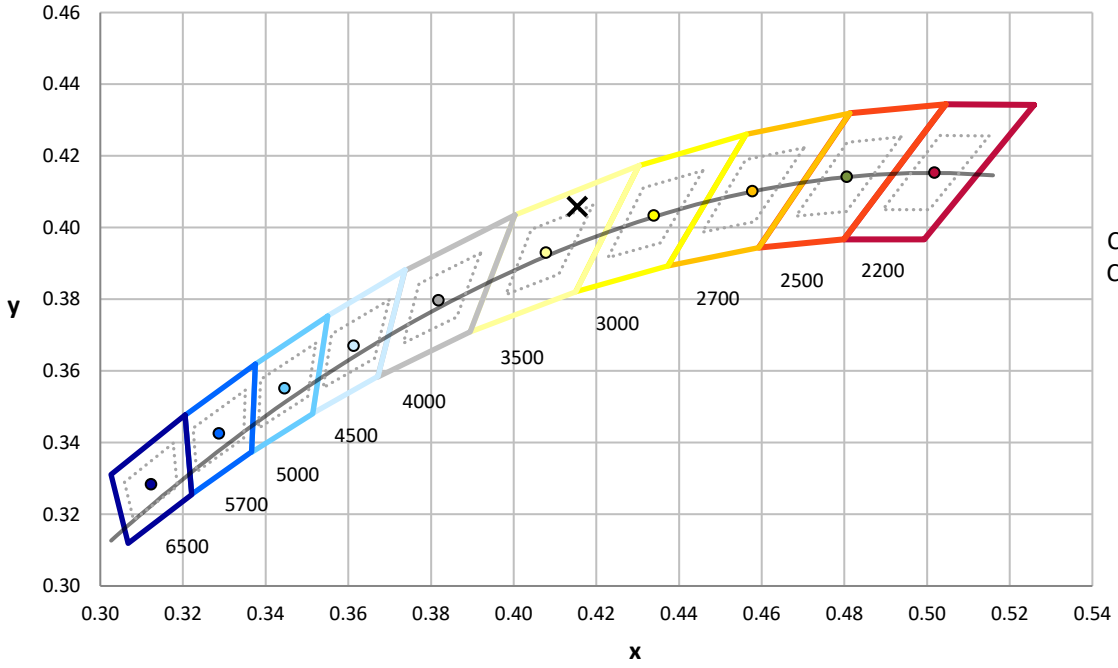
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-10

CIE 1931 Chromaticity Diagram



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

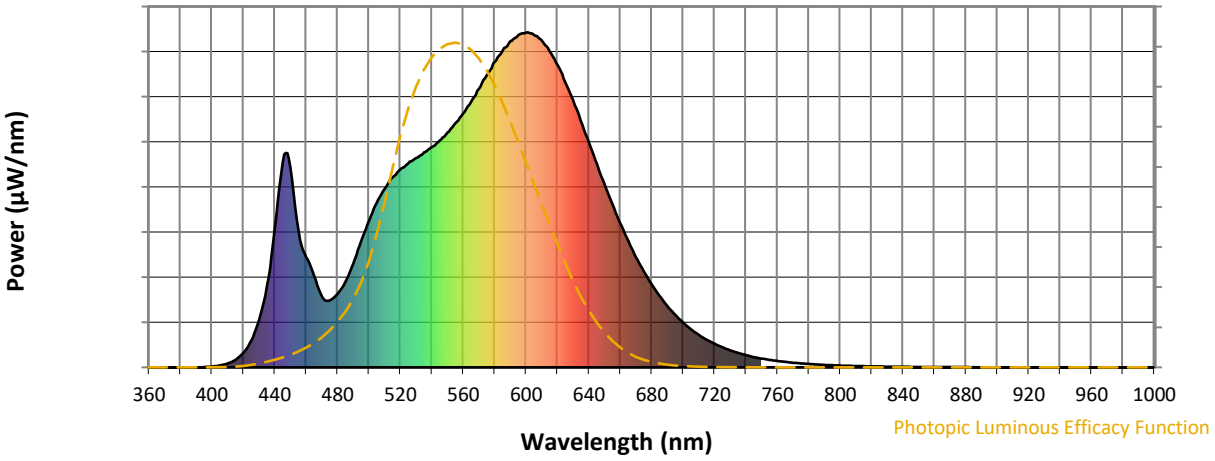


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

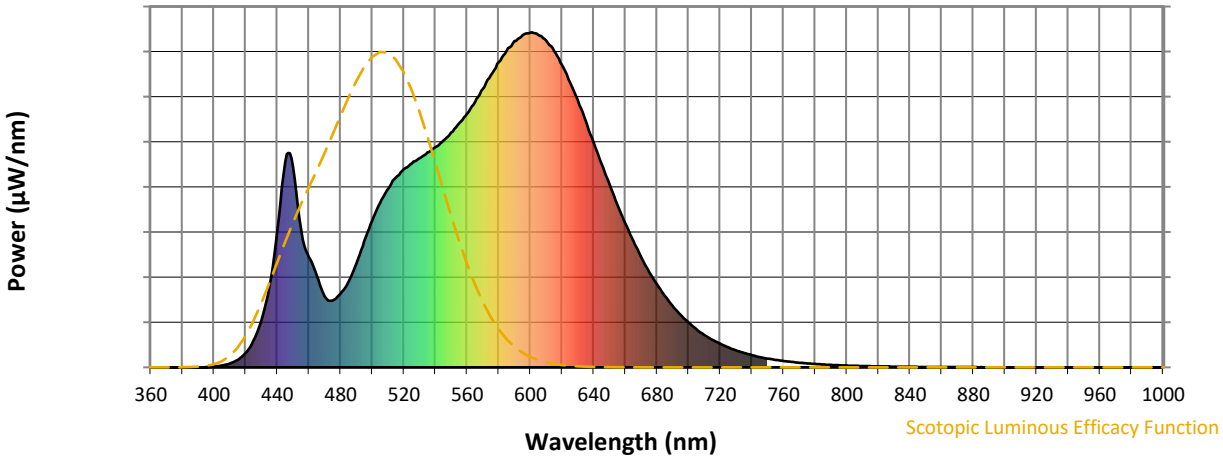


Photopic Lumens: NR

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-10

Scotopic Flux vs. Wavelength

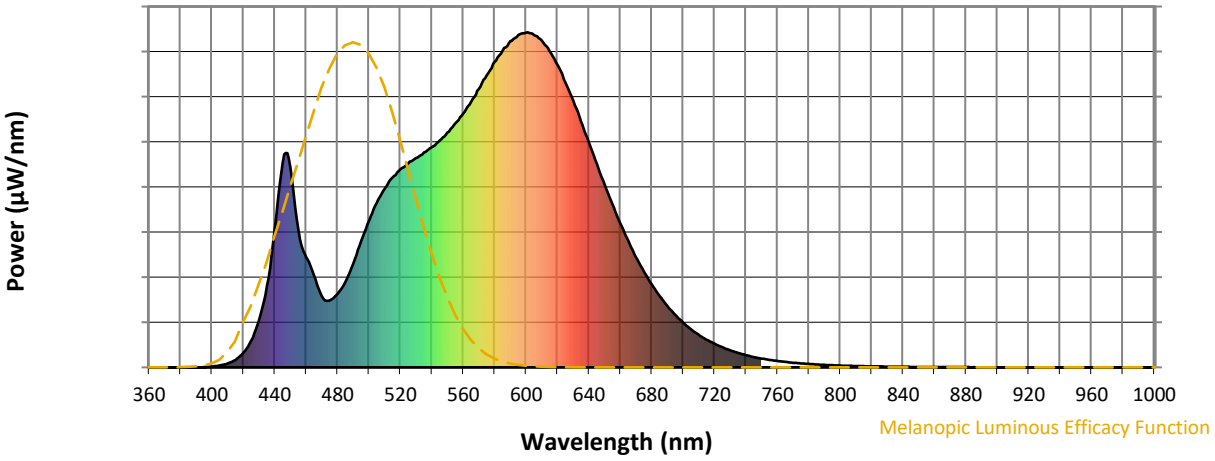


Scotopic Lumens: NR **S/P: 1.48**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-10

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.88**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

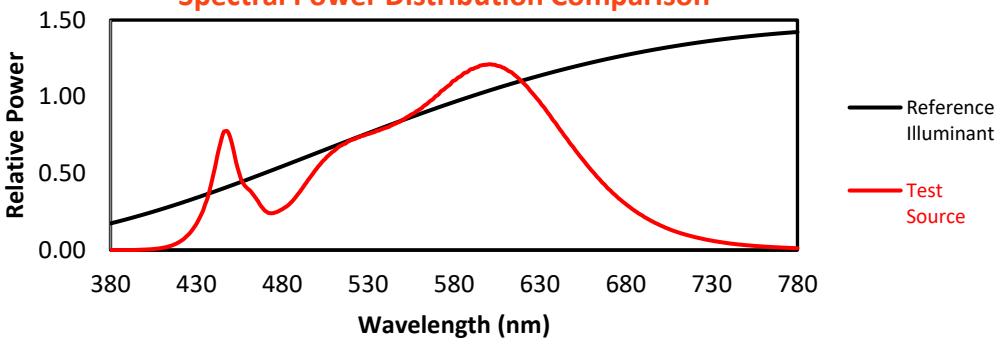
REPORT NUMBER: SP1-2407-184-10

TM-30-18

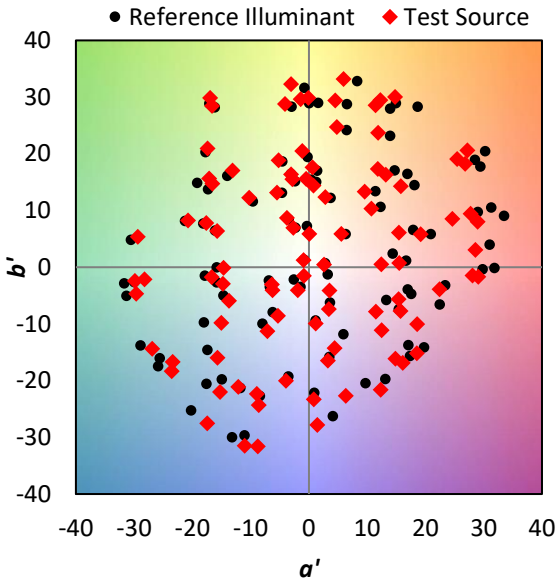
Summary

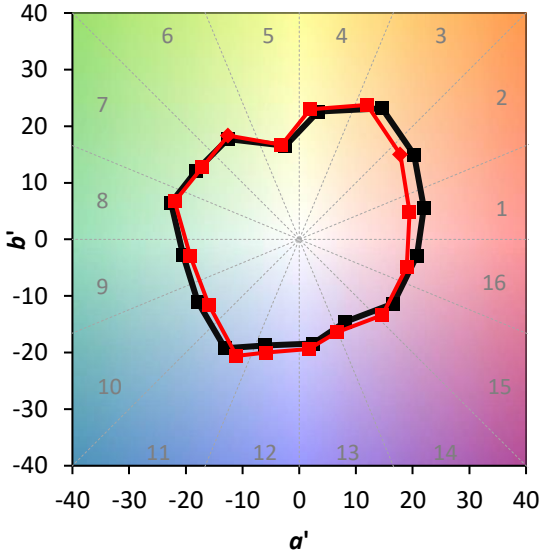
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

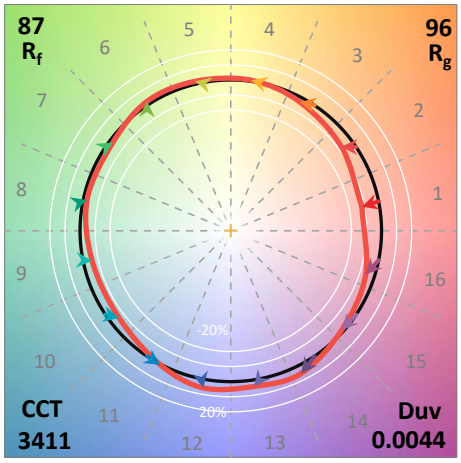
Spectral Power Distribution Comparison

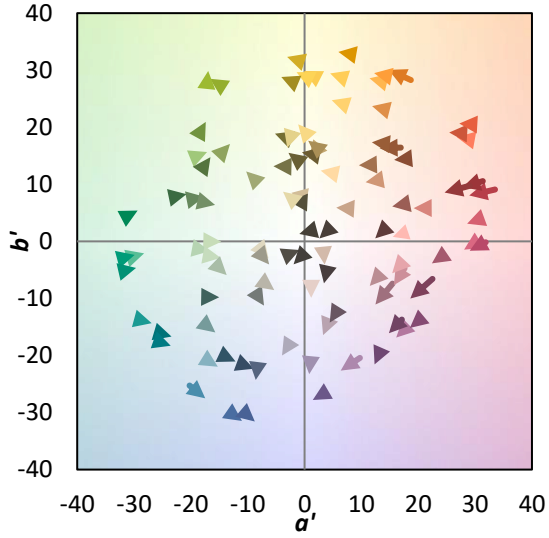


Color Vector Graphics







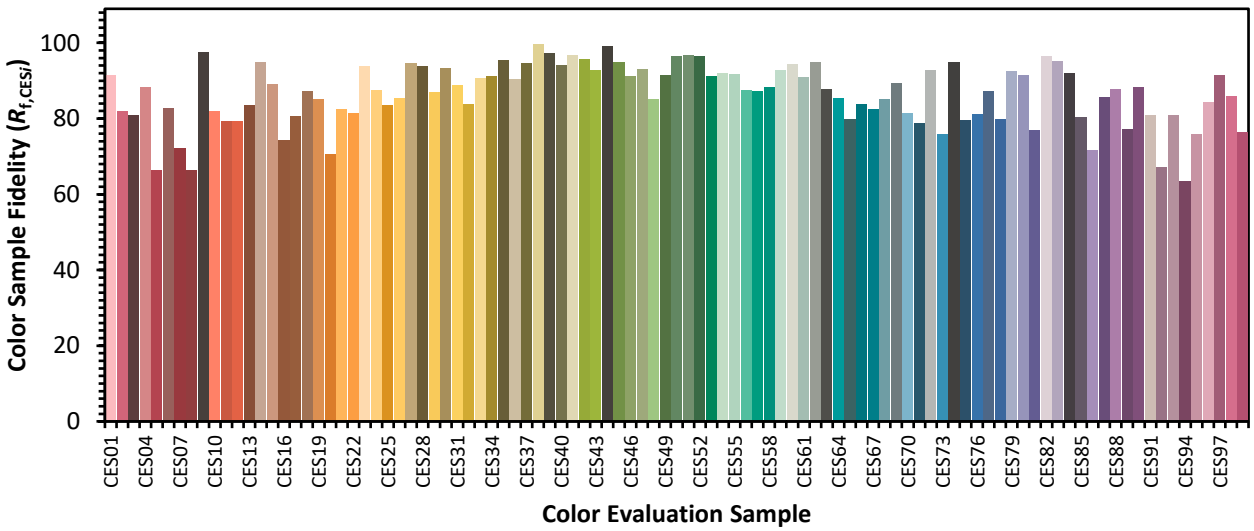


REPORT NUMBER: SP1-2407-184-10

TM-30-18

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

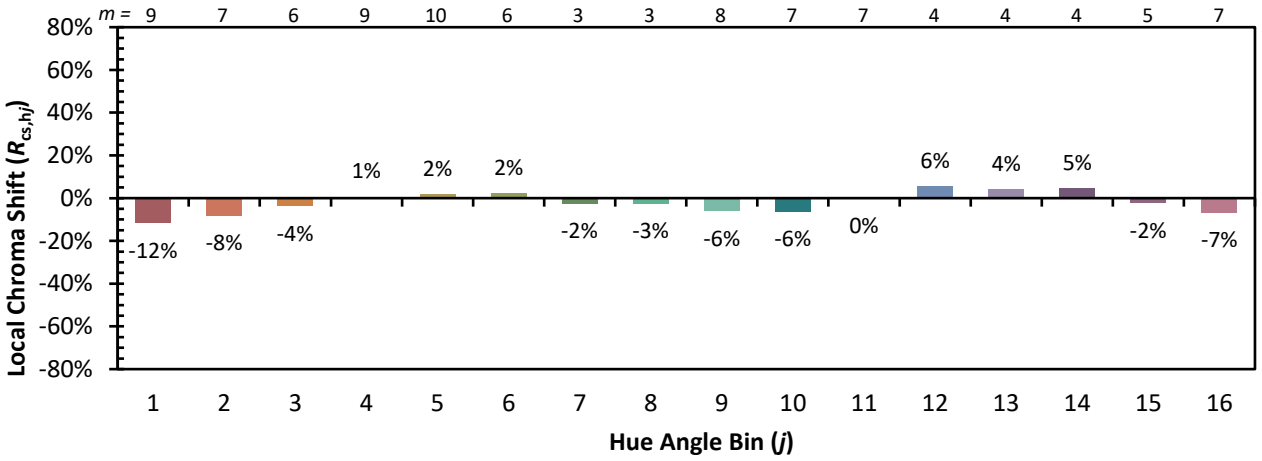
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	

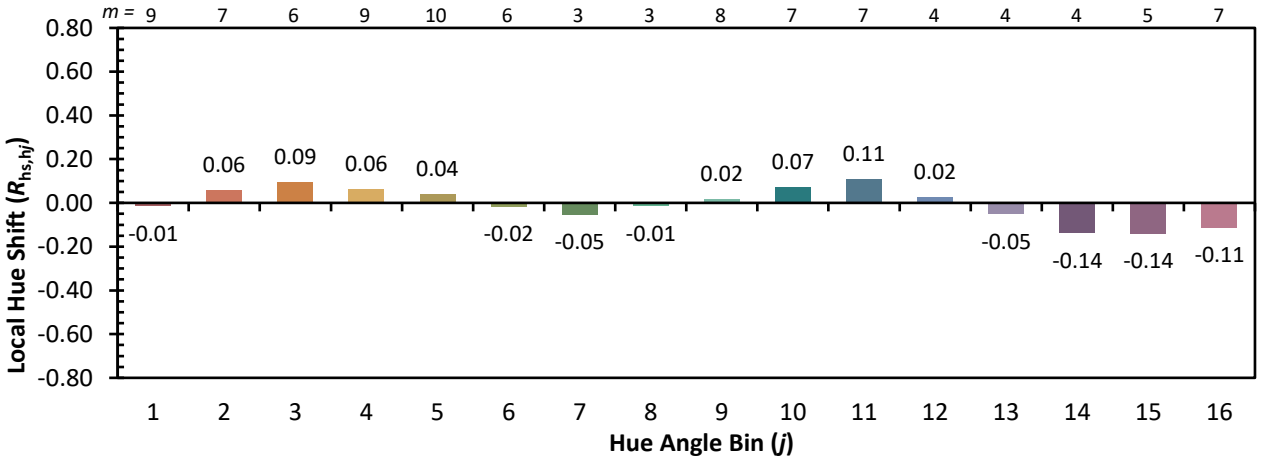


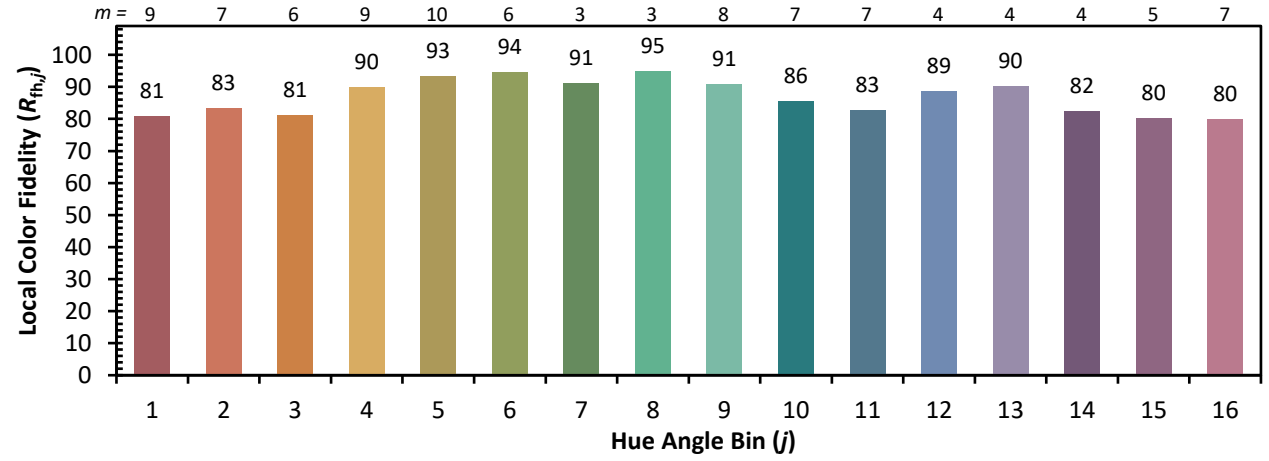
REPORT NUMBER: SP1-2407-184-10

TM-30-18

Color Rendition by Hue-Angle Bin



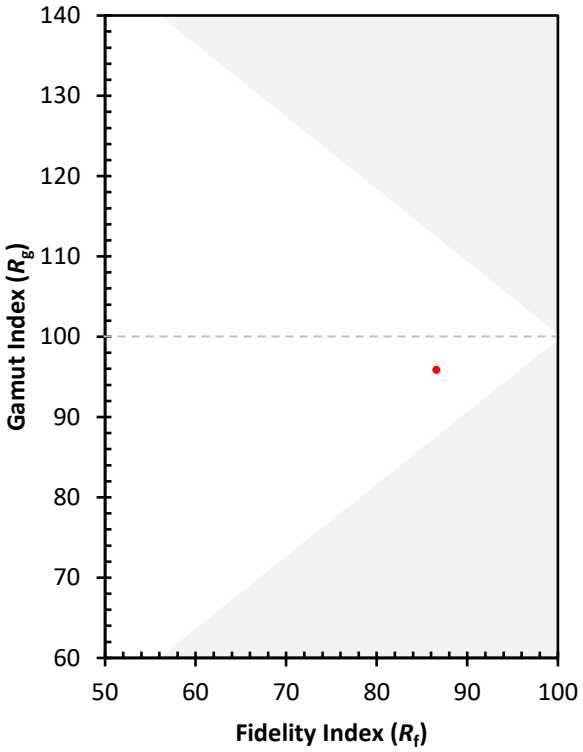


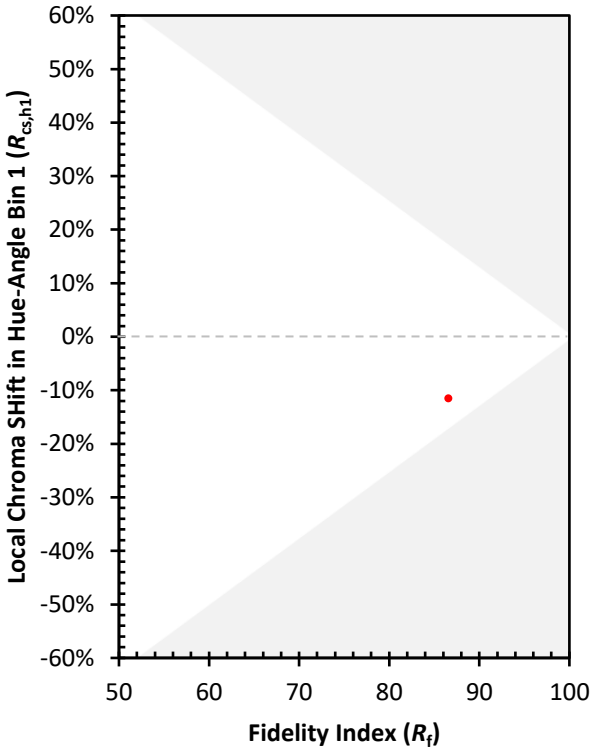


REPORT NUMBER: SP1-2407-184-10

TM-30-18

Measure Comparisons





(END OF REPORT)