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: P1459009

Luminaire Tested: GLAN-SB4C-840-U-T4LG-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:	P1459009
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4C-840-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 4xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20815.7 lumens
Efficiency:	N/A
Efficacy:	103.7 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G3

Input Watts (W):	200.7
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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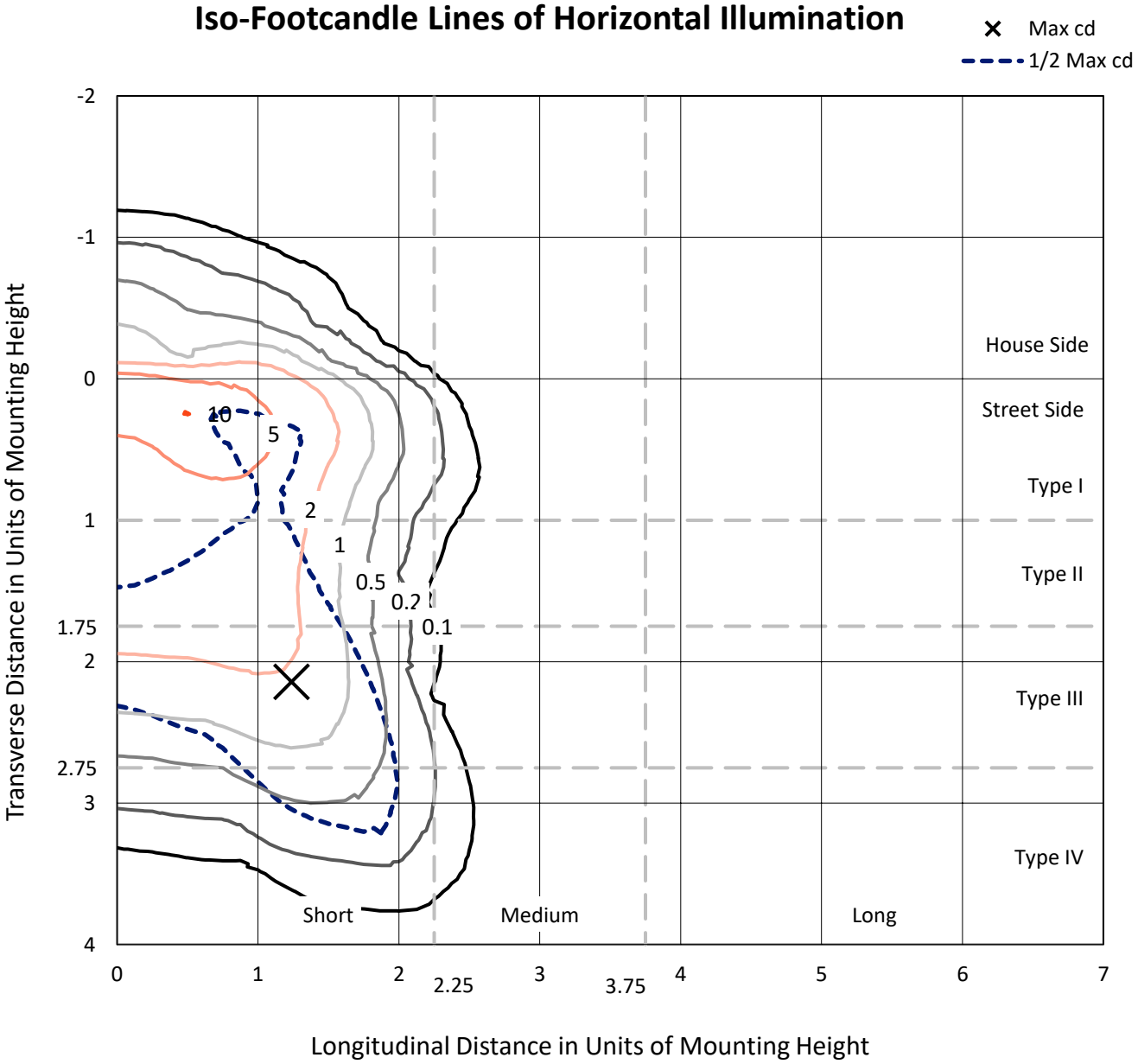
REPORT NUMBER: P1459009
CATALOG NUMBER: GLAN-SB4C-840-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 10 fc
Type IV - Short - N/A

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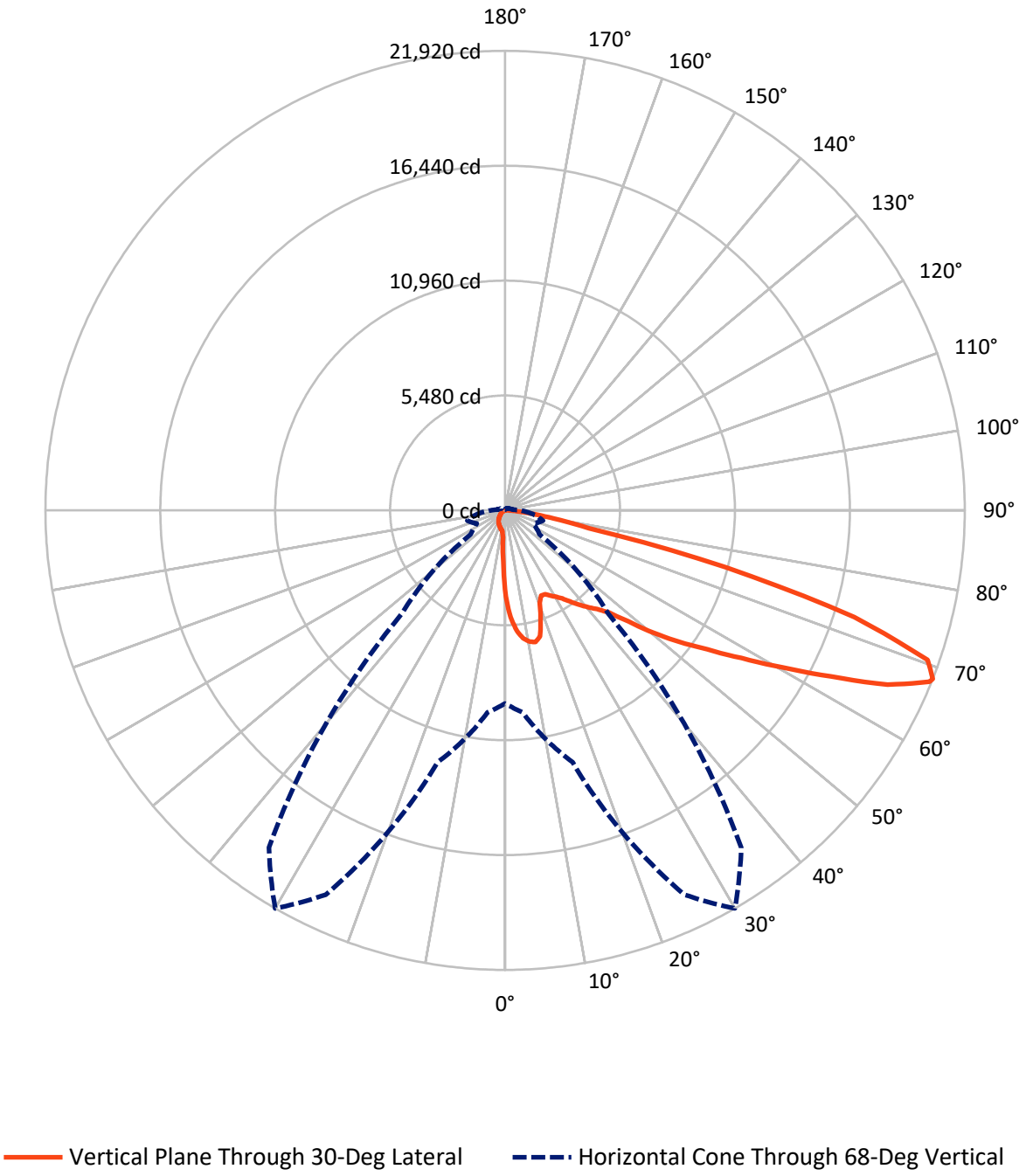
Luminous Intensity Polar Plot



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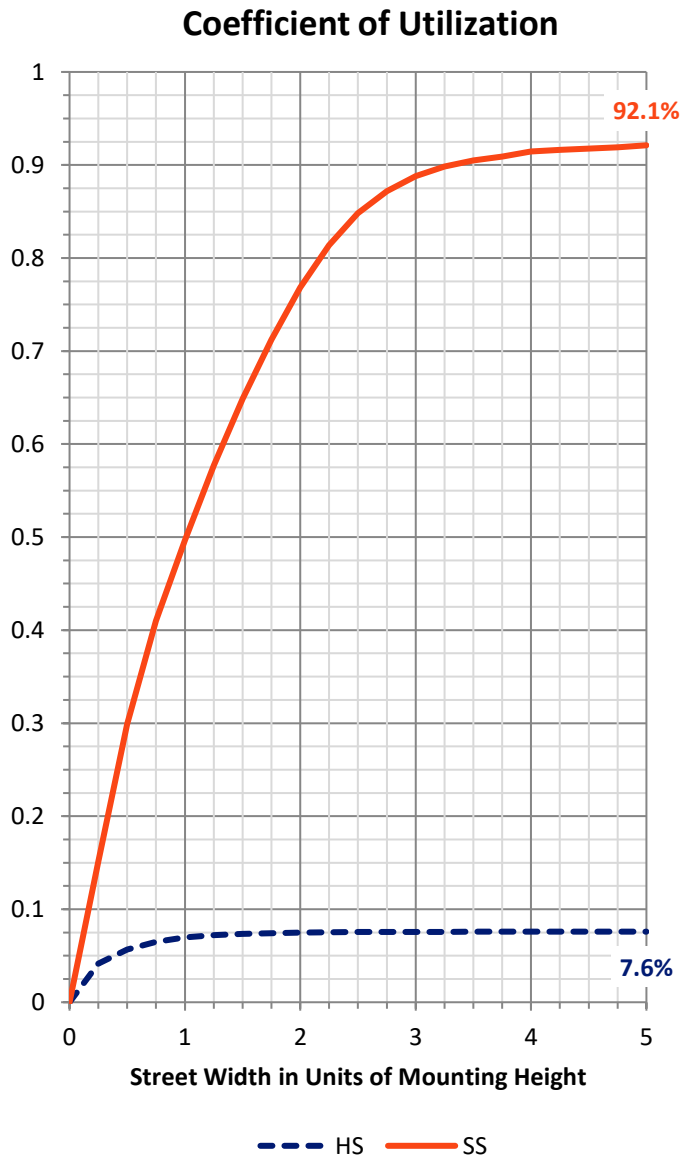
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1588.8	0.0	1588.8
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	19226.9	0.0	19226.9
	% Fixture	92.4	0.0	92.4
Total	Lumens	20815.7	0.0	20815.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	354.2	1.7
10°-20°	1011.2	4.9
20°-30°	1589.0	7.6
30°-40°	2492.2	12.0
40°-50°	3725.1	17.9
50°-60°	4955.7	23.8
60°-70°	4790.6	23.0
70°-80°	1722.0	8.3
80°-90°	175.7	0.8
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°	20815.7	100.0
0°-180°	20815.7	100.0



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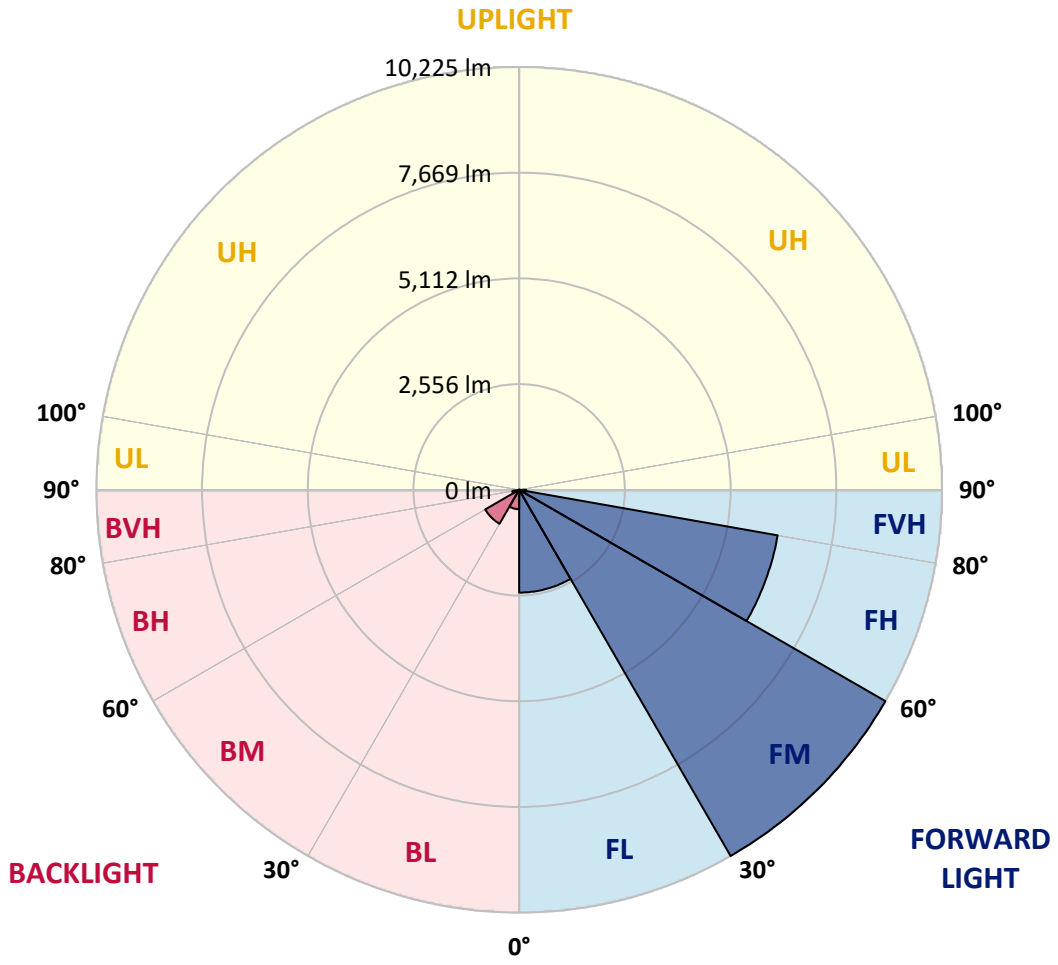
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2485.4	11.9			
FM	(30°-60°)	10224.7	49.1			
FH	(60°-80°)	6347.4	30.5			G3/7500
FVH	(80°-90°)	169.5	0.8			G2/225
BL	(0°-30°)	469.0	2.3	B1/500		
BM	(30°-60°)	948.3	4.6	B1/1000		
BH	(60°-80°)	165.2	0.8	B1/500		G1/500
BVH	(80°-90°)	6.2	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	4104.6	4104.6	4104.6	4104.6	*4104.6*	4104.6	4104.6	4104.6	4104.6	4104.6	4104.6
2.5°	5246.2	5246.2	5208.7	5158.8	*5102.7*	5084.0	4977.9	4828.2	4672.3	4491.4	4229.4
5°	5919.9	5913.6	5838.8	5838.8	*5763.9*	5695.3	5589.3	5370.9	5121.4	4797.0	4341.7
7.5°	6219.3	6231.8	6200.6	6200.6	*6156.9*	6107.0	6044.6	5832.5	5539.4	5102.7	4453.9
10°	6325.3	6331.6	6331.6	6375.3	*6362.8*	6356.5	6350.3	6231.8	5926.1	5414.6	4572.5
12.5°	6069.6	6100.8	6188.1	6381.5	*6443.9*	6512.5	6606.1	6568.6	6356.5	5807.6	4753.4
15°	5246.2	5252.4	5495.7	5976.0	*6231.8*	6493.8	6855.6	6930.4	6793.2	6231.8	4940.5
17.5°	4329.2	4347.9	4541.3	5077.7	*5489.5*	6094.5	6999.1	7304.7	7254.8	6649.7	5115.2
20°	3948.7	3973.6	4067.2	4404.0	*4715.9*	5277.4	6855.6	7660.3	7679.0	7067.7	5277.4
22.5°	3861.3	3880.0	3954.9	4216.9	*4410.3*	4784.6	6369.0	7941.0	8159.3	7548.0	5470.7
25°	3836.4	3855.1	3967.4	4254.3	*4435.2*	4747.1	5926.1	8090.7	8727.0	8047.0	5657.9
27.5°	3817.7	3842.6	4023.5	4391.6	*4603.7*	4903.1	5845.0	8121.9	9269.7	8577.3	5963.5
30°	3842.6	3880.0	4117.1	4535.0	*4778.3*	5115.2	6038.4	8153.1	9868.5	9182.4	6350.3
32.5°	3942.4	3973.6	4260.6	4728.4	*5009.1*	5389.6	6369.0	8340.2	10436.2	9799.9	6718.3
35°	4054.7	4098.4	4441.5	5002.9	*5339.7*	5770.2	6818.1	8708.3	10978.9	10386.3	7098.9
37.5°	4191.9	4241.8	4653.6	5314.8	*5701.5*	6188.1	7304.7	9219.8	11459.2	10866.6	7479.4
40°	4379.1	4435.2	4896.8	5645.4	*6063.3*	6549.9	7785.0	9725.1	11827.3	11153.6	7728.9
42.5°	5115.2	5190.0	5383.4	5969.8	*6437.6*	6936.7	8259.1	10205.4	11964.5	11247.1	7778.8
45°	6487.5	6562.4	6512.5	6624.8	*6936.7*	7404.5	8776.9	10667.0	11983.2	11222.2	7753.9
47.5°	7866.1	7953.5	7909.8	7847.4	*7916.0*	8140.6	9357.0	10960.2	11883.4	11209.7	7753.9
50°	9182.4	9132.5	9138.7	9120.0	*9182.4*	9300.9	9918.4	11016.3	11858.5	11328.2	7822.5
52.5°	9887.3	9912.2	10068.2	10299.0	*10436.2*	10554.7	10561.0	11103.7	11677.6	11128.6	7741.4
55°	10579.7	10629.6	10991.4	11384.4	*11690.0*	11914.6	11203.5	11047.5	10598.4	10461.1	7317.2
57.5°	11359.4	11428.0	11939.6	12750.5	*13287.0*	13405.5	11839.8	9999.5	8970.3	9506.7	6493.8
60°	12432.4	12513.5	13193.4	14409.8	*15208.3*	14965.0	11889.7	8334.0	7123.8	7891.1	5358.5
62.5°	13274.5	13436.7	14665.6	16561.9	*17441.5*	16668.0	10960.2	6387.7	4977.9	5545.6	3911.2
65°	12376.2	12688.1	14690.5	19025.9	*20042.7*	18670.4	9500.5	4360.4	2807.1	3586.9	2501.4
67.5°	10005.8	10442.4	13043.7	20223.6	*21826.8*	19724.6	7479.4	2314.3	1609.4	2083.5	1316.2
68°	*9207.3*	*9681.4*	*12438.6*	*20223.6*	*21920.4*	*19631.0*	*6942.9*	*2002.4*	*1484.6*	*1871.4*	*1141.6*
70°	6362.8	6699.6	9562.9	19088.3	*21371.4*	17896.9	4572.5	1147.8	1116.6	1285.0	754.8
72.5°	3119.0	3480.8	5115.2	15127.2	*17410.3*	13754.8	2083.5	761.0	848.4	941.9	592.6
75°	1241.4	1316.2	2014.9	7460.7	*10879.1*	8776.9	1091.7	573.9	729.8	736.1	467.9
77.5°	711.1	754.8	1116.6	2744.7	*4079.7*	3923.7	704.9	411.7	580.1	530.2	305.7
80°	399.2	405.5	630.0	1447.2	*2333.0*	2089.7	480.3	299.4	442.9	374.3	205.9
82.5°	199.6	224.6	399.2	798.5	*1297.5*	1328.7	255.8	212.1	355.6	268.2	168.4
85°	143.5	156.0	286.9	442.9	*598.8*	898.3	156.0	106.0	268.2	180.9	118.5
87.5°	74.9	93.6	180.9	218.3	*243.3*	305.7	74.9	49.9	149.7	106.0	62.4
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: P1459009
CATALOG NUMBER: GLAN-SB4C-840-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4104.6	4104.6	4104.6	4104.6	4104.6	4104.6	4104.6	4104.6	4104.6	4104.6	4104.6
2.5°	4104.6	3961.1	3668.0	3324.9	3056.6	2782.2	2557.6	2345.5	2245.7	2233.2	2258.2
5°	4085.9	3774.0	3106.5	2451.5	1915.1	1540.8	1334.9	1228.9	1172.7	1147.8	1154.0
7.5°	4048.5	3574.4	2507.7	1659.3	1241.4	1079.2	1029.3	1010.6	1004.3	1004.3	1004.3
10°	4011.0	3306.1	1921.3	1216.4	1016.8	973.1	960.7	960.7	954.4	954.4	960.7
12.5°	3992.3	3056.6	1490.9	1016.8	948.2	929.5	917.0	910.8	910.8	910.8	917.0
15°	3948.7	2782.2	1203.9	941.9	904.5	879.6	873.3	867.1	867.1	867.1	867.1
17.5°	3911.2	2513.9	1048.0	892.0	860.8	835.9	829.7	823.4	823.4	829.7	829.7
20°	3855.1	2258.2	941.9	842.1	817.2	792.2	786.0	779.8	786.0	786.0	786.0
22.5°	3786.5	2046.1	879.6	804.7	773.5	748.6	748.6	748.6	748.6	748.6	754.8
25°	3742.8	1896.4	835.9	761.0	729.8	711.1	704.9	704.9	717.4	717.4	723.6
27.5°	3811.4	1858.9	842.1	748.6	692.4	673.7	667.5	667.5	679.9	686.2	692.4
30°	4017.3	1927.5	917.0	786.0	667.5	636.3	630.0	630.0	648.8	655.0	661.2
32.5°	4254.3	2071.0	1029.3	835.9	648.8	598.8	586.4	586.4	605.1	611.3	617.6
35°	4578.7	2295.6	1179.0	879.6	661.2	561.4	536.5	536.5	548.9	561.4	567.7
37.5°	4996.6	2663.6	1353.6	910.8	661.2	517.8	486.6	480.3	492.8	492.8	499.0
40°	5433.3	3144.0	1534.6	910.8	630.0	474.1	442.9	424.2	430.4	424.2	430.4
42.5°	5676.6	3530.7	1690.5	854.6	592.6	430.4	399.2	374.3	368.0	355.6	361.8
45°	5813.8	3705.4	1646.8	792.2	555.2	399.2	361.8	330.6	318.1	299.4	299.4
47.5°	5813.8	3724.1	1409.8	742.3	517.8	374.3	324.4	293.2	274.5	255.8	262.0
50°	5745.2	3555.7	1116.6	692.4	474.1	349.3	293.2	268.2	243.3	230.8	230.8
52.5°	5458.3	3006.7	854.6	630.0	424.2	318.1	262.0	237.0	212.1	205.9	205.9
55°	4965.5	2208.3	692.4	567.7	380.5	293.2	237.0	218.3	193.4	180.9	180.9
57.5°	4036.0	1509.6	573.9	511.5	336.9	262.0	212.1	193.4	162.2	149.7	149.7
60°	2994.2	985.6	486.6	449.1	286.9	237.0	187.1	162.2	137.2	124.8	118.5
62.5°	2021.1	667.5	405.5	355.6	243.3	205.9	162.2	137.2	106.0	81.1	81.1
65°	1260.1	517.8	336.9	280.7	212.1	180.9	137.2	106.0	74.9	56.1	49.9
67.5°	723.6	417.9	274.5	218.3	180.9	143.5	106.0	87.3	62.4	43.7	37.4
68°	*667.5*	*399.2*	*255.8*	*205.9*	*168.4*	*137.2*	*99.8*	*81.1*	*56.1*	*37.4*	*37.4*
70°	542.7	355.6	218.3	168.4	143.5	112.3	87.3	68.6	43.7	25.0	25.0
72.5°	480.3	299.4	187.1	131.0	99.8	93.6	68.6	49.9	31.2	18.7	12.5
75°	393.0	237.0	149.7	99.8	68.6	68.6	49.9	31.2	12.5	0.0	0.0
77.5°	255.8	174.7	118.5	62.4	37.4	43.7	31.2	12.5	0.0	0.0	0.0
80°	168.4	131.0	81.1	31.2	18.7	18.7	6.2	0.0	0.0	0.0	0.0
82.5°	118.5	87.3	49.9	12.5	6.2	6.2	0.0	0.0	0.0	0.0	0.0
85°	74.9	37.4	18.7	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	31.2	12.5	6.2	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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

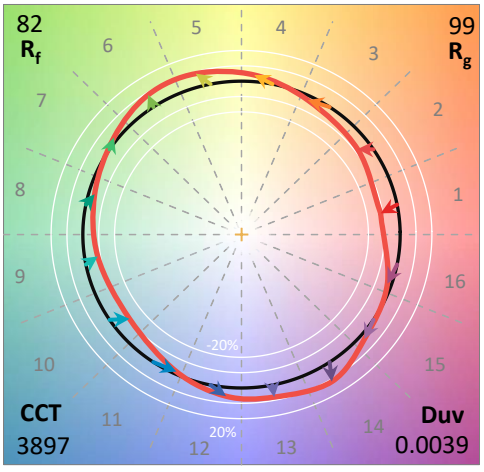
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-11
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-840-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3897
CIE u':	0.2249
CIE v':	0.5084
Duv:	0.0039
CIE x:	0.3882
CIE y:	0.3900
CIE z:	0.2218
Peak Wavelength (nm):	445
Dominant Wavelength (nm):	577
Purity:	33.54925
Rf:	81.8
Rg:	98.6

CRI (Ra):	80.2
R1:	78.9
R2:	83.5
R3:	88.3
R4:	82.1
R5:	78.8
R6:	78.4
R7:	85.8
R8:	65.8
R9:	6.7
R10:	61.9
R11:	81.9
R12:	58.9
R13:	79.2
R14:	93.2
R15:	71.9



Test Conditions

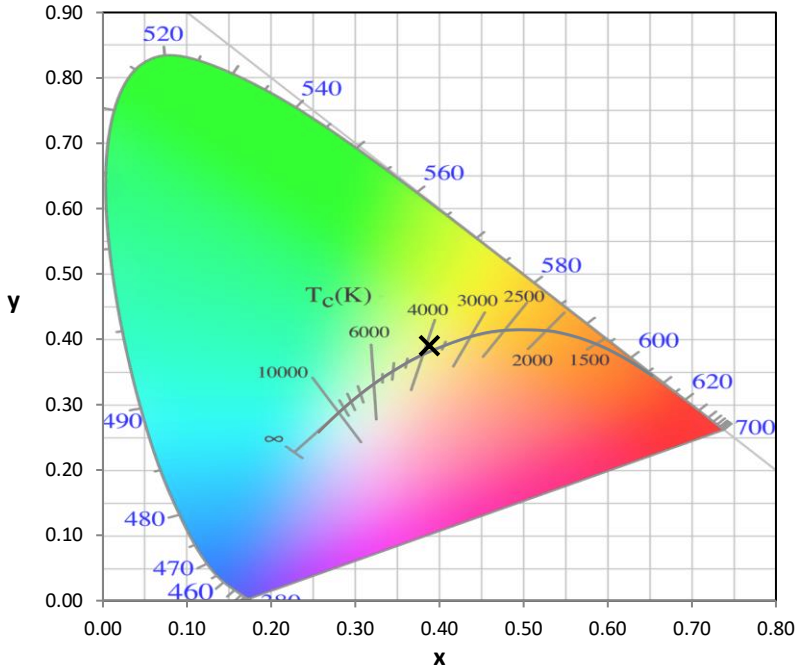
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

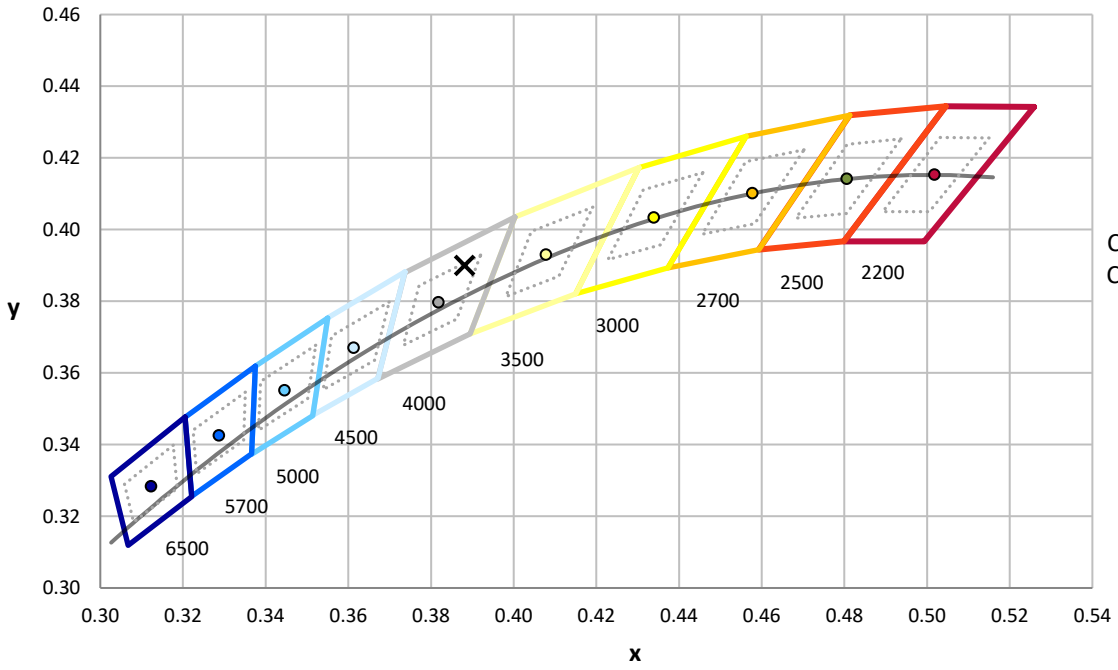
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



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

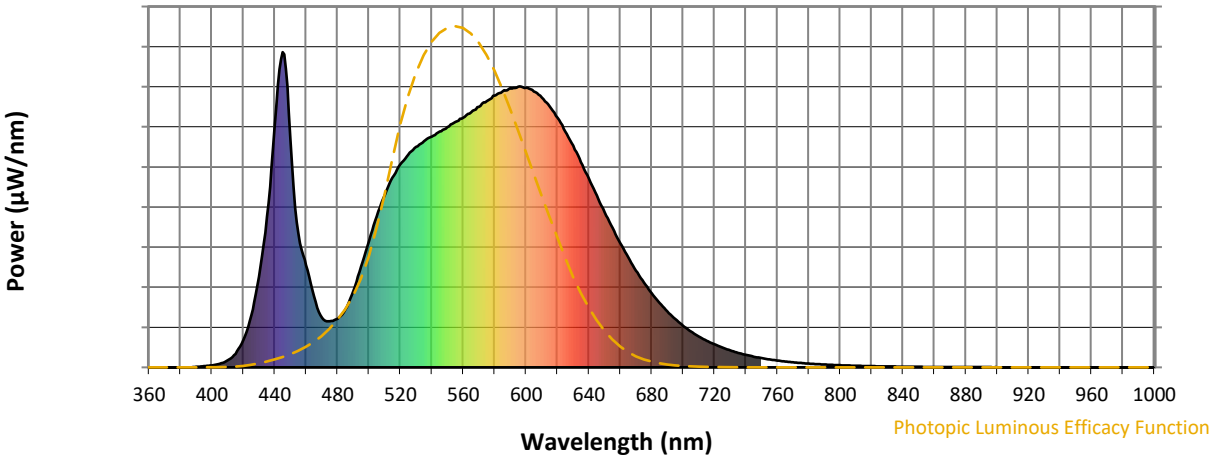


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

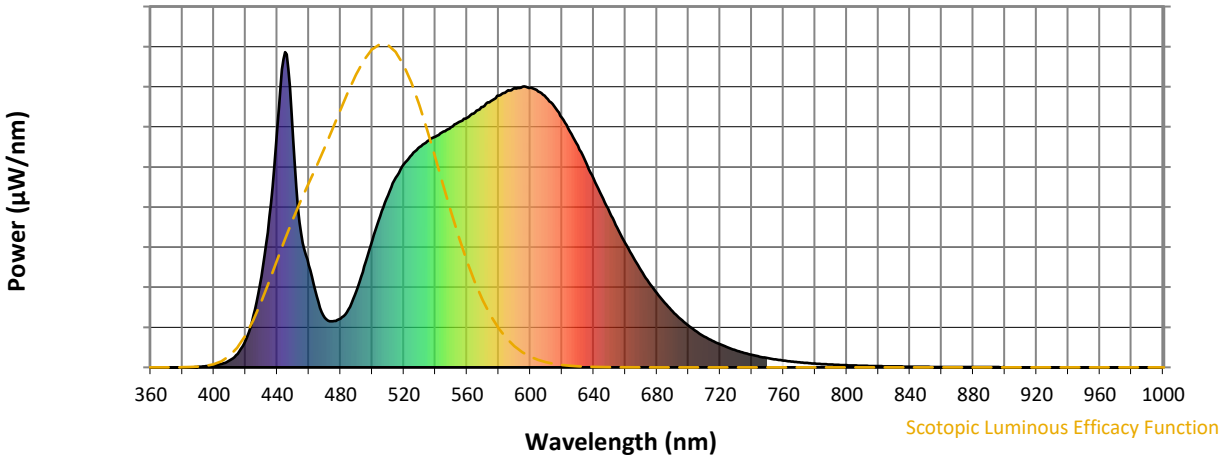


Photopic Lumens: NR

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

Scotopic Flux vs. Wavelength

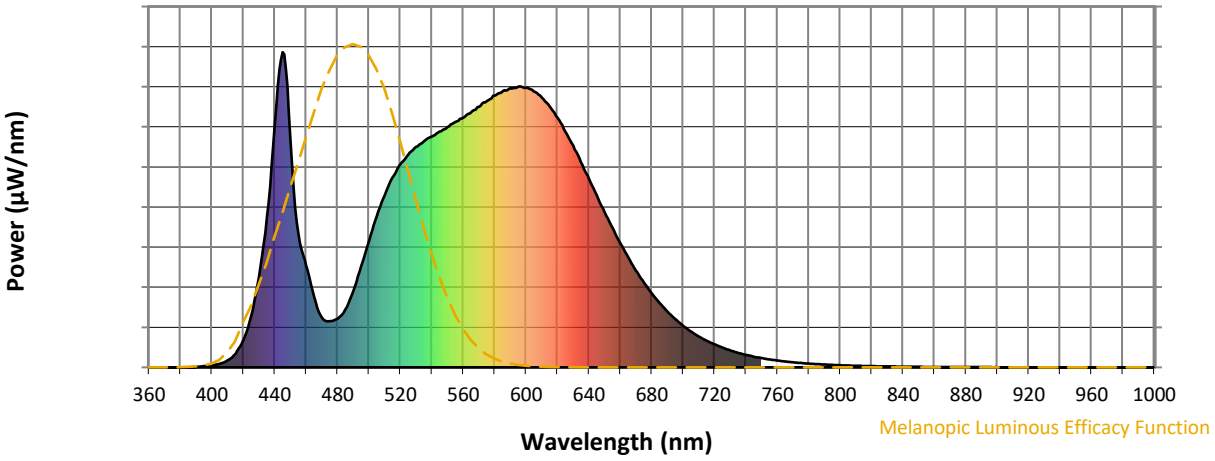


Scotopic Lumens: NR **S/P: 1.57**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.06**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

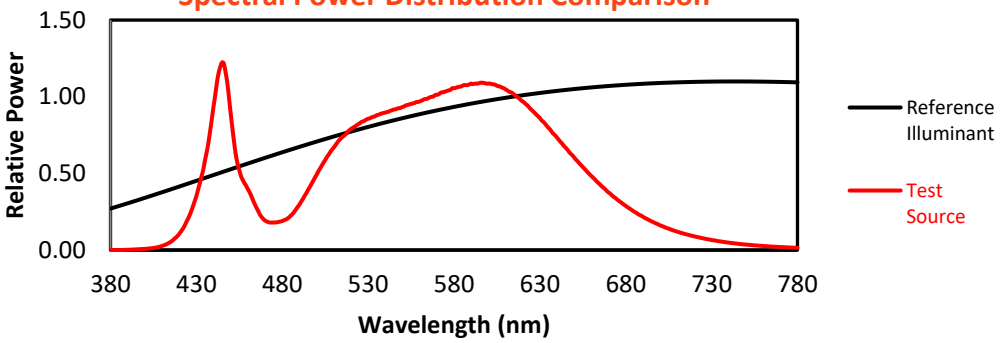
REPORT NUMBER: SP1-2407-184-11

TM-30-18

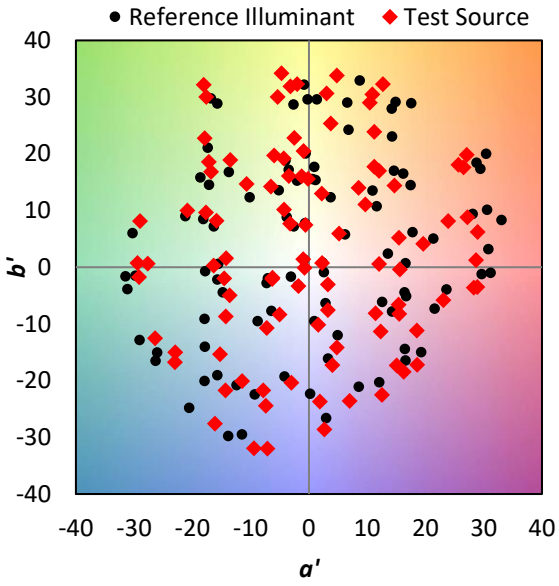
Summary

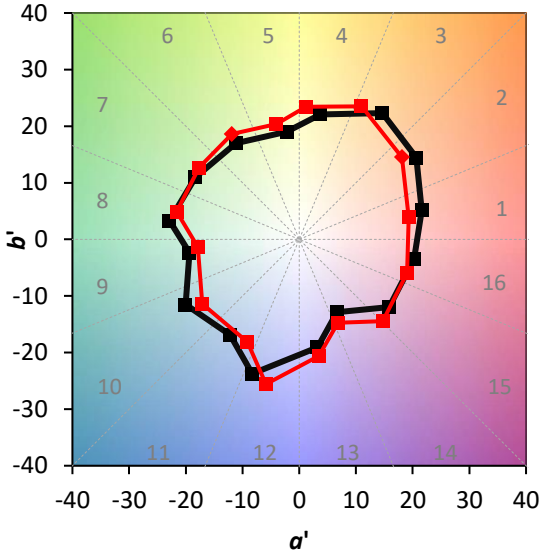
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

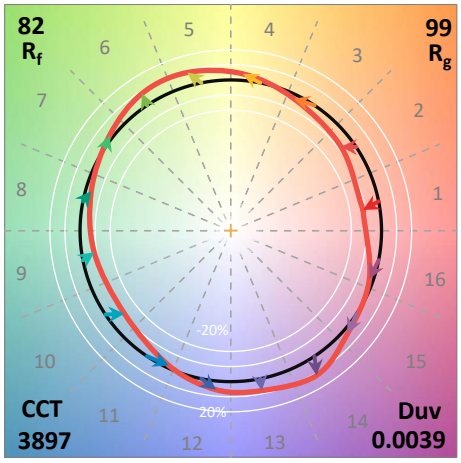
Spectral Power Distribution Comparison

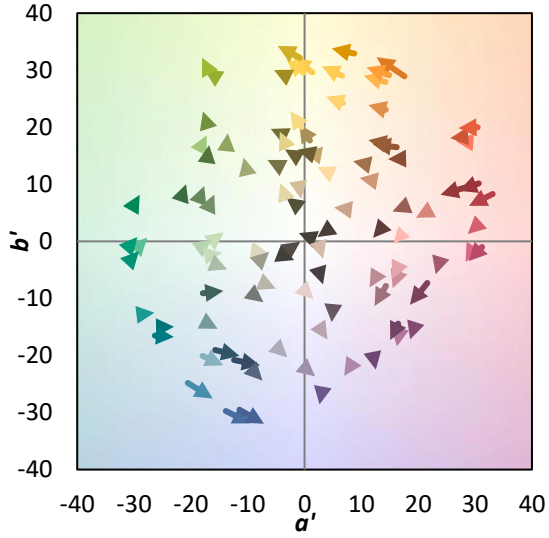


Color Vector Graphics







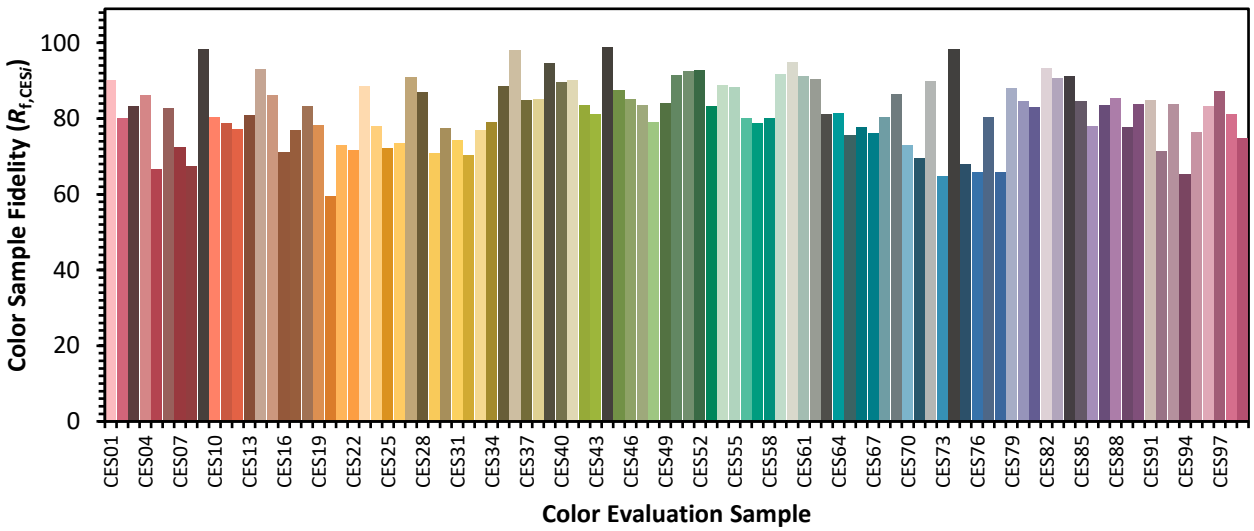


REPORT NUMBER: SP1-2407-184-11

TM-30-18

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

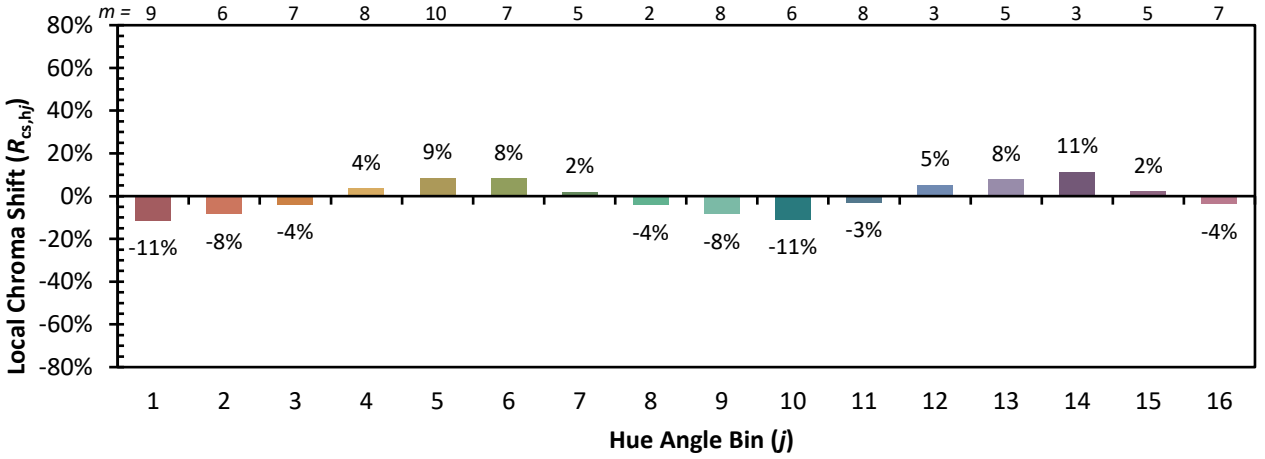
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	

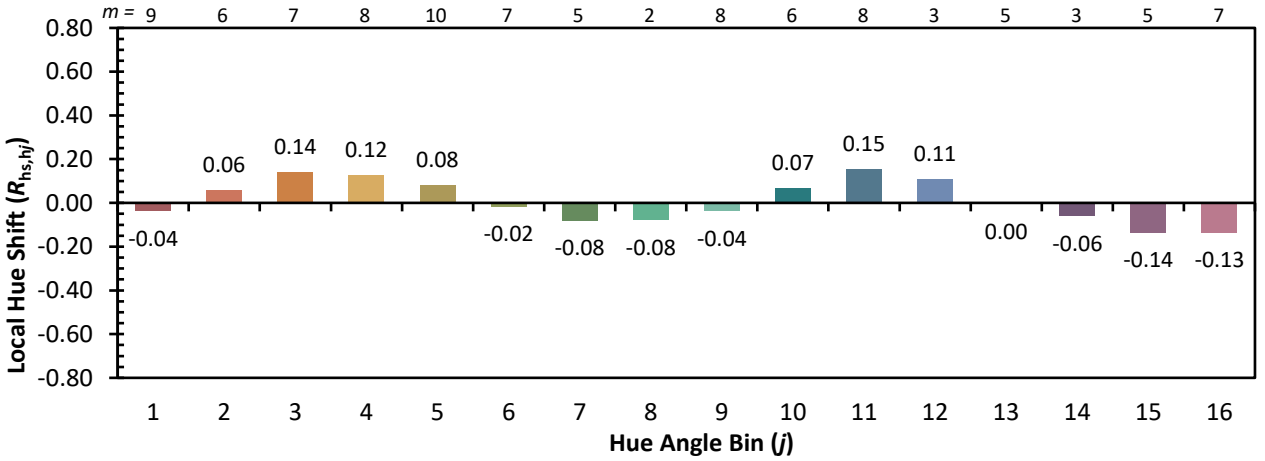


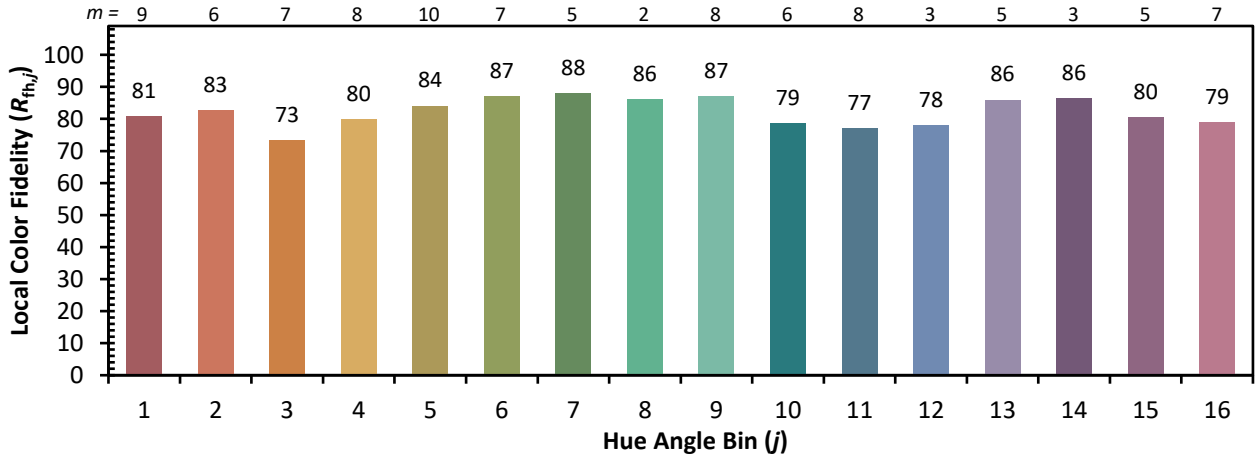
REPORT NUMBER: SP1-2407-184-11

TM-30-18

Color Rendition by Hue-Angle Bin



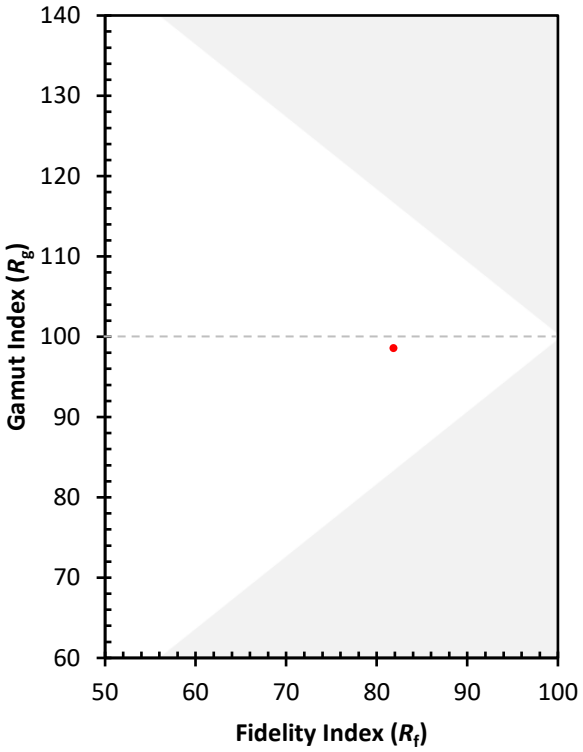


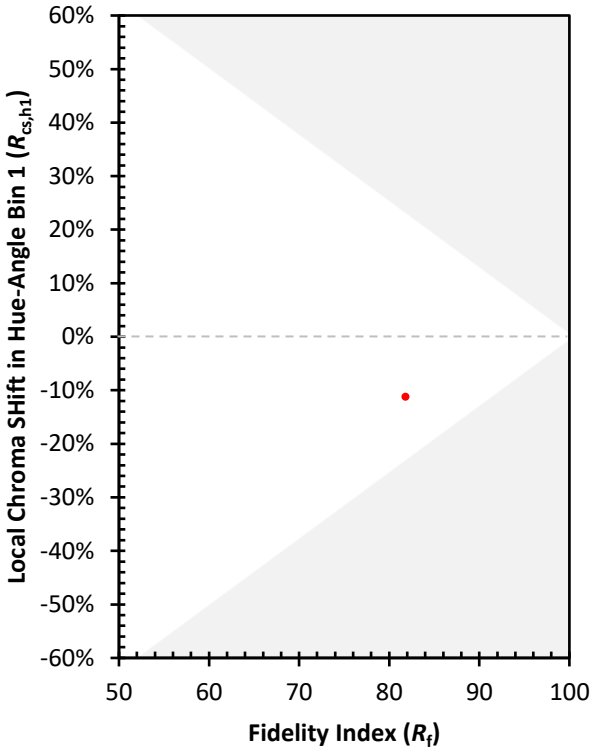


REPORT NUMBER: SP1-2407-184-11

TM-30-18

Measure Comparisons





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