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: P1458408

Luminaire Tested: GLAN-SB7B-835-U-T3LG-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:	P1458408
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB7B-835-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 7xLight Square PACKAGE 80CRI 3500K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(182) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	28399.1 lumens
Efficiency:	N/A
Efficacy:	110.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G4

Input Watts (W):	256.7
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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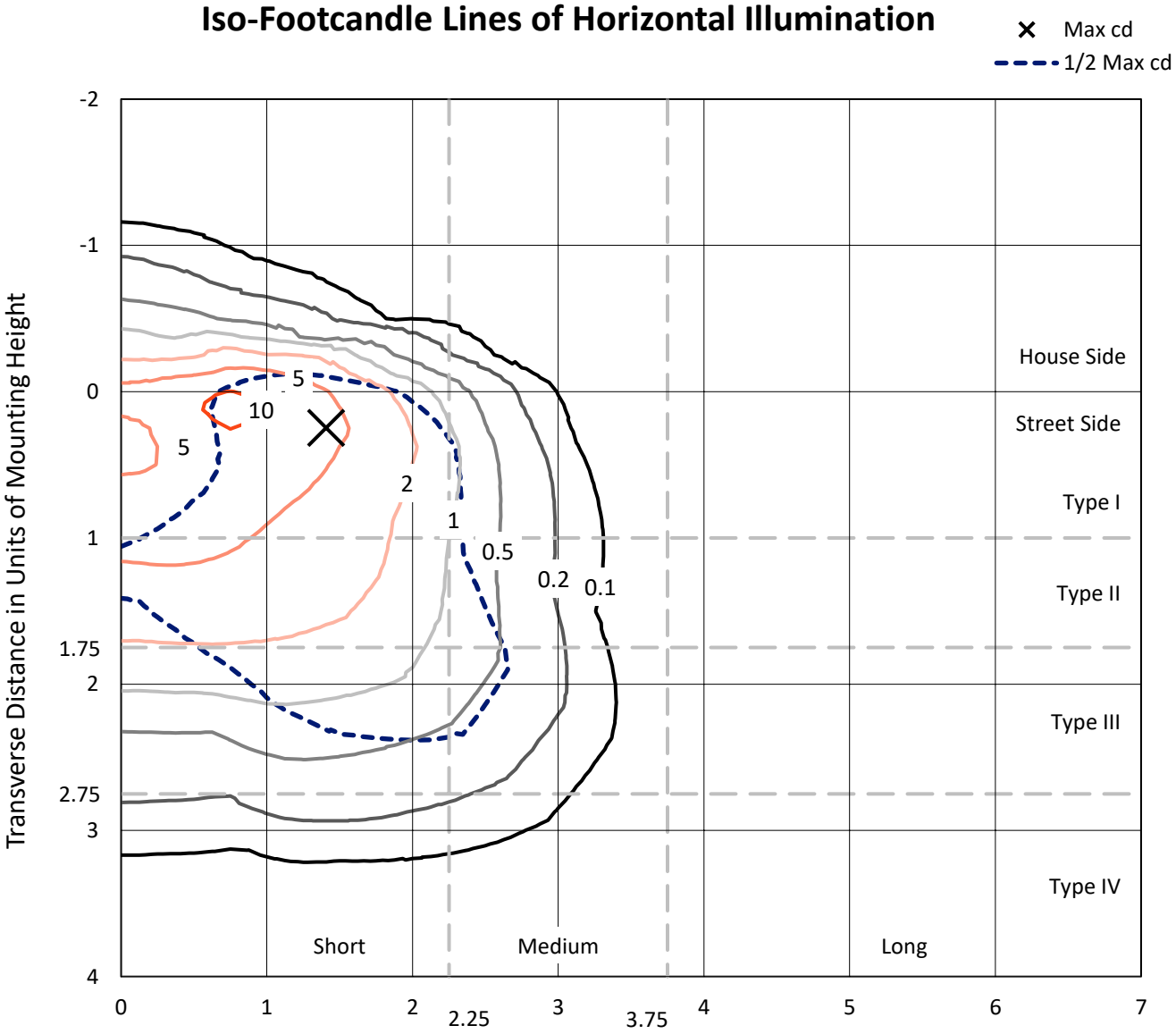
REPORT NUMBER: P1458408
CATALOG NUMBER: GLAN-SB7B-835-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 11.2 fc
Type III - Short - N/A

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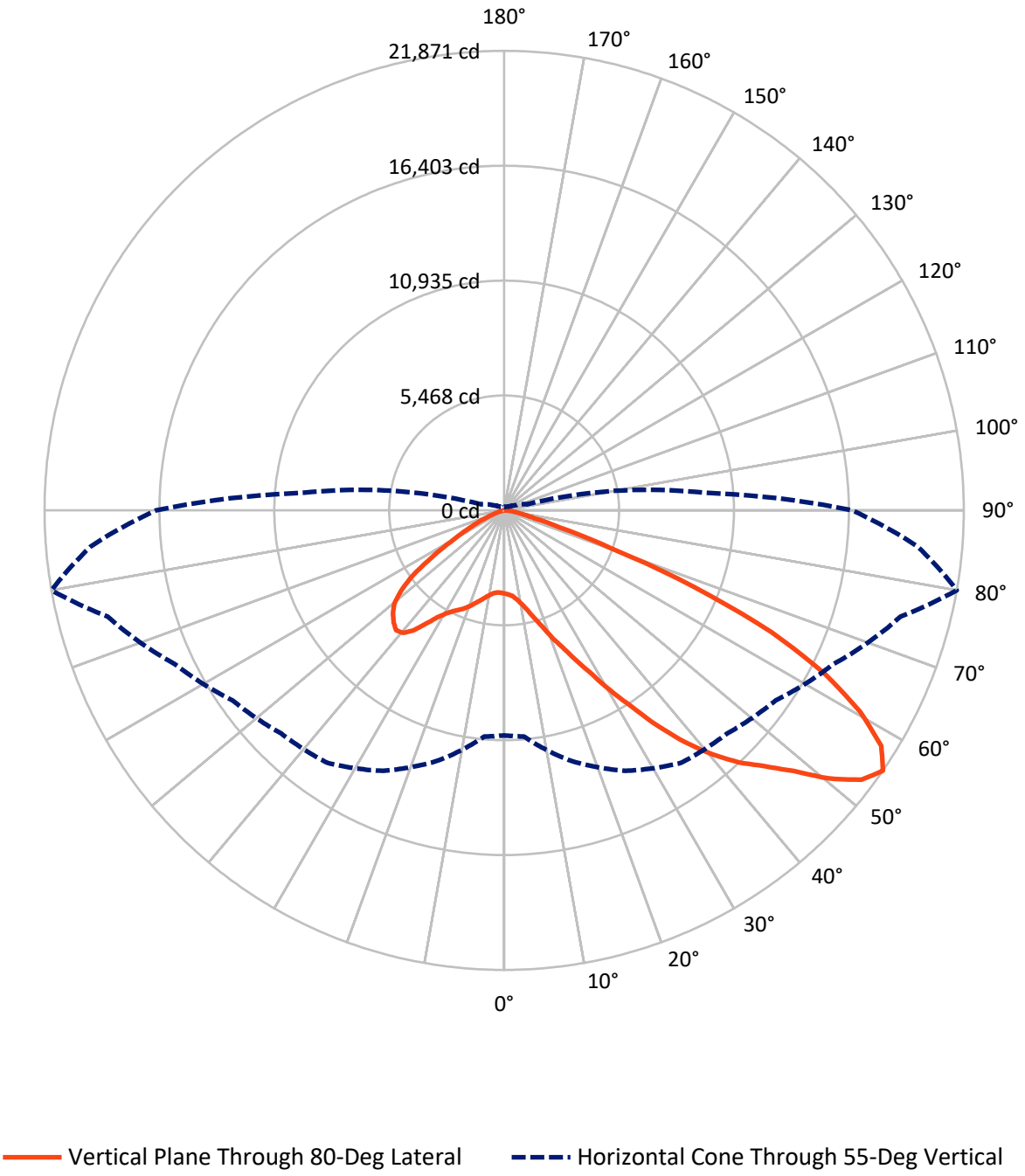
Luminous Intensity Polar Plot



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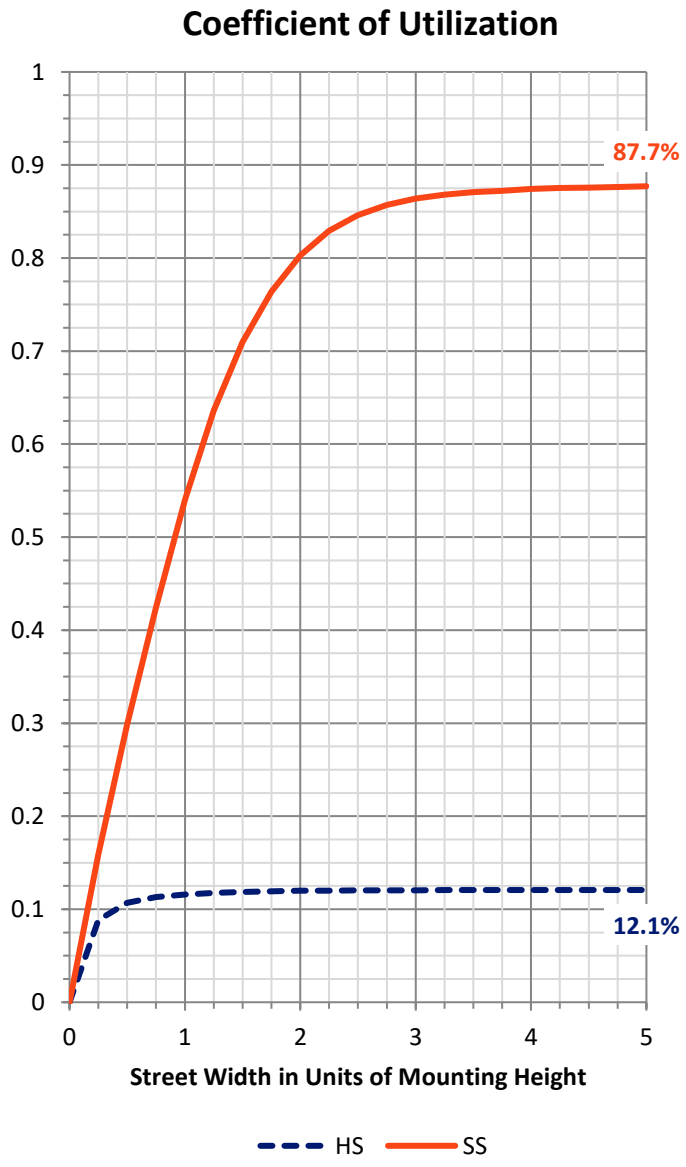
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3452.2	0.0	3452.2
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	24946.9	0.0	24946.9
	% Fixture	87.8	0.0	87.8
Total	Lumens	28399.1	0.0	28399.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	332.0	1.2
10°-20°	875.3	3.1
20°-30°	1713.5	6.0
30°-40°	3485.9	12.3
40°-50°	5876.7	20.7
50°-60°	7508.7	26.4
60°-70°	6410.6	22.6
70°-80°	2048.6	7.2
80°-90°	147.9	0.5
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	28399.1	100.0
0°-180°	28399.1	100.0



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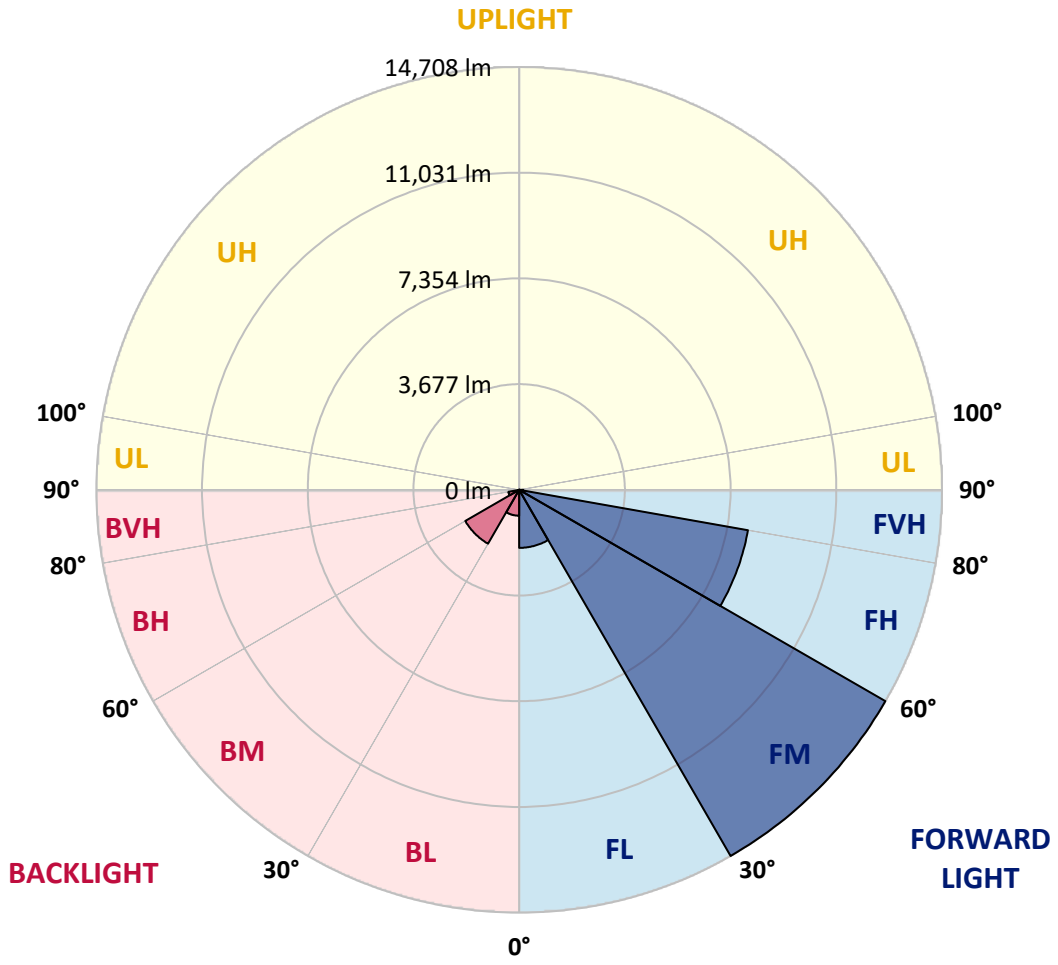
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2019.2	7.1			
FM	(30°-60°)	14707.7	51.8			
FH	(60°-80°)	8079.8	28.5			G4/12000
FVH	(80°-90°)	140.2	0.5			G2/225
BL	(0°-30°)	901.5	3.2	B2/1000		
BM	(30°-60°)	2163.6	7.6	B2/2500		
BH	(60°-80°)	379.4	1.3	B1/500		G1/500
BVH	(80°-90°)	7.7	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G4
Type III Short



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REPORT NUMBER: P1458408
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	3955.9	3955.9	3955.9	3955.9	3955.9	3955.9	3955.9	3955.9	3955.9	*3955.9*	3955.9
2.5°	3980.2	3988.2	3980.2	3988.2	4004.4	3996.3	4028.6	4020.5	4020.5	*4012.5*	3980.2
5°	3754.1	3762.2	3778.3	3818.7	3875.2	3931.7	4004.4	4052.8	4101.3	*4093.2*	4060.9
7.5°	3310.1	3326.2	3390.8	3471.5	3657.2	3826.8	4012.5	4133.6	4238.5	*4270.8*	4246.6
10°	3059.8	3076.0	3116.3	3197.1	3366.6	3649.2	4012.5	4262.7	4448.4	*4513.0*	4521.1
12.5°	3035.6	3043.7	3076.0	3164.8	3310.1	3552.3	4004.4	4432.3	4747.1	*4844.0*	4876.3
15°	3051.7	3067.9	3100.2	3172.8	3342.4	3616.9	4069.0	4698.7	5142.7	*5280.0*	5288.1
17.5°	3116.3	3132.5	3172.8	3253.6	3439.3	3786.4	4270.8	4973.2	5619.1	*5772.5*	5861.3
20°	3245.5	3253.6	3302.0	3407.0	3616.9	3996.3	4569.5	5344.6	6192.3	*6418.3*	6482.9
22.5°	3415.0	3439.3	3503.8	3633.0	3899.4	4287.0	4981.3	5796.7	6822.0	*7056.1*	7169.1
25°	3600.7	3633.0	3729.9	3939.8	4278.9	4731.0	5489.9	6394.1	7564.7	*7847.3*	8000.7
27.5°	3980.2	3988.2	4052.8	4319.3	4755.2	5312.3	6135.8	7161.1	8436.7	*8767.7*	8937.2
30°	4811.7	4819.8	4763.3	4835.9	5280.0	5998.5	6894.7	8057.2	9453.9	*9914.1*	10051.3
32.5°	5829.0	5869.3	5861.3	5812.8	6014.7	6684.7	7798.9	9131.0	10648.8	*11133.2*	11262.3
35°	6983.5	7080.3	7056.1	7040.0	7064.2	7564.7	8832.3	10317.8	12005.1	*12594.5*	12699.4
37.5°	8113.7	8138.0	8251.0	8388.2	8404.4	8751.5	10027.1	11577.2	13264.5	*14015.4*	14176.8
40°	8985.7	9066.4	9349.0	9623.5	9906.0	10180.5	11012.1	12594.5	14265.6	*15274.8*	15347.5
42.5°	9663.8	9857.6	10269.3	10697.2	11270.4	11577.2	11948.6	13313.0	15081.0	*16397.0*	16364.7
45°	10487.3	10568.0	11149.3	11714.5	12295.7	12764.0	12755.9	13918.5	15718.8	*17357.7*	17155.9
47.5°	11044.4	11141.2	11932.4	12594.5	13191.9	13426.0	13474.4	14572.4	16598.8	*18520.3*	18044.0
50°	11343.1	11512.6	12376.5	13216.1	13862.0	13934.6	14152.6	15428.2	17753.3	*20062.3*	19166.2
52.5°	11375.4	11536.8	12529.9	13611.7	14314.1	14459.4	14830.8	16397.0	18875.5	*21297.5*	19812.0
55°	*10705.3*	*10802.2*	*12344.2*	*13676.3*	*14669.3*	*15008.4*	*15767.3*	*17293.2*	*19529.5*	*21870.8*	*19755.5*
57.5°	10075.6	10172.4	11512.6	13563.3	15032.6	15726.9	16768.4	17906.7	19020.9	*21160.3*	18496.1
60°	9534.6	9583.1	10802.2	13038.5	15169.9	16429.3	17632.2	17301.2	17704.9	*19456.8*	16340.5
62.5°	8517.4	8549.7	9994.8	12093.9	14895.4	16970.2	17930.9	16017.6	16259.8	*17107.5*	13805.5
65°	6434.5	6555.6	7879.6	11383.4	14443.3	17220.5	17236.6	14451.3	14201.1	*13999.2*	10858.7
67.5°	4367.7	4504.9	5304.2	10237.0	13708.6	17325.4	15888.4	12424.9	10818.3	*9776.8*	7112.6
70°	3487.7	3487.7	3762.2	8226.8	11964.7	15985.3	14217.2	9381.3	6870.4	*5401.1*	3810.6
72.5°	2292.8	2300.9	2559.3	5223.5	8485.1	12190.8	11593.4	5425.3	3568.4	*2753.0*	1881.1
75°	831.6	831.6	1122.2	2091.0	4488.8	7258.0	7064.2	2591.6	1937.6	*1501.6*	1138.3
77.5°	444.0	460.2	540.9	863.9	1719.6	2954.9	2761.1	1324.0	1098.0	*936.5*	710.5
80°	298.7	306.8	363.3	532.8	831.6	1138.3	888.1	742.7	742.7	*629.7*	476.3
82.5°	161.5	169.5	242.2	347.2	444.0	532.8	427.9	436.0	524.8	*427.9*	274.5
85°	113.0	113.0	185.7	250.3	250.3	258.3	185.7	274.5	306.8	*266.4*	185.7
87.5°	64.6	64.6	105.0	121.1	121.1	113.0	56.5	96.9	121.1	*137.2*	80.7
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: P1458408
CATALOG NUMBER: GLAN-SB7B-835-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3955.9	3955.9	3955.9	3955.9	3955.9	3955.9	3955.9	3955.9	3955.9	3955.9	3955.9
2.5°	3972.1	3947.9	3899.4	3802.6	3754.1	3689.5	3633.0	3560.4	3544.2	3536.1	3503.8
5°	4036.7	3988.2	3842.9	3633.0	3455.4	3285.9	3116.3	3019.4	2938.7	2898.3	2890.3
7.5°	4198.2	4101.3	3834.8	3463.5	3132.5	2841.8	2591.6	2373.6	2260.5	2163.7	2171.7
10°	4440.4	4287.0	3851.0	3302.0	2809.5	2341.3	1978.0	1663.1	1437.1	1332.1	1324.0
12.5°	4763.3	4545.3	3907.5	3140.5	2413.9	1760.0	1299.8	1114.1	1065.7	1057.6	1049.5
15°	5158.9	4852.1	3964.0	2930.6	1881.1	1219.1	1057.6	1017.2	1009.2	1001.1	1001.1
17.5°	5635.2	5207.3	3996.3	2575.4	1372.5	1049.5	993.0	968.8	960.7	952.7	952.7
20°	6232.6	5602.9	4036.7	2123.3	1162.6	1009.2	944.6	912.3	904.2	904.2	896.1
22.5°	6822.0	6047.0	4004.4	1727.7	1122.2	960.7	888.1	855.8	839.6	839.6	831.6
25°	7500.2	6499.1	3907.5	1558.2	1114.1	920.4	831.6	783.1	758.9	750.8	750.8
27.5°	8275.2	7015.8	3754.1	1566.2	1114.1	888.1	758.9	694.3	678.2	662.0	662.0
30°	9163.3	7645.5	3641.1	1671.2	1130.3	855.8	694.3	613.6	589.4	573.2	581.3
32.5°	10180.5	8347.9	3633.0	1840.7	1154.5	807.3	621.6	532.8	508.6	500.5	508.6
35°	11335.0	9219.8	3818.7	1969.9	1089.9	702.4	532.8	460.2	436.0	436.0	444.0
37.5°	12618.7	10220.9	4069.0	1937.6	880.0	557.1	460.2	403.7	379.4	387.5	395.6
40°	13789.3	11004.0	4109.3	1655.0	662.0	476.3	395.6	355.2	339.1	347.2	355.2
42.5°	14677.4	11633.7	3721.8	1283.7	557.1	403.7	339.1	306.8	298.7	314.9	314.9
45°	15395.9	11884.0	3108.2	952.7	492.5	347.2	298.7	282.6	266.4	274.5	274.5
47.5°	16146.7	11924.4	2535.0	767.0	436.0	314.9	274.5	258.3	242.2	242.2	242.2
50°	16873.3	11827.5	1937.6	678.2	403.7	282.6	250.3	234.1	218.0	209.9	209.9
52.5°	17051.0	11052.4	1420.9	629.7	371.4	266.4	234.1	218.0	201.8	193.8	193.8
55°	*16558.5*	*9583.1*	*1114.1*	*565.1*	*339.1*	*242.2*	*218.0*	*201.8*	*177.6*	*169.5*	*169.5*
57.5°	14935.7	7306.4	888.1	484.4	306.8	234.1	201.8	185.7	161.5	153.4	153.4
60°	12828.6	5183.1	718.5	395.6	282.6	209.9	185.7	161.5	145.3	129.2	129.2
62.5°	10495.4	3721.8	581.3	331.0	266.4	185.7	169.5	145.3	113.0	88.8	88.8
65°	8049.1	2672.3	452.1	266.4	242.2	161.5	145.3	121.1	88.8	64.6	64.6
67.5°	5207.3	1727.7	339.1	234.1	185.7	137.2	113.0	96.9	80.7	56.5	48.4
70°	2744.9	1009.2	250.3	201.8	137.2	105.0	96.9	80.7	64.6	40.4	40.4
72.5°	1420.9	662.0	185.7	177.6	105.0	72.7	80.7	64.6	48.4	24.2	24.2
75°	912.3	444.0	137.2	145.3	64.6	56.5	56.5	40.4	24.2	16.1	8.1
77.5°	589.4	298.7	96.9	121.1	40.4	32.3	32.3	16.1	8.1	0.0	0.0
80°	347.2	185.7	64.6	80.7	16.1	16.1	8.1	0.0	0.0	0.0	0.0
82.5°	177.6	96.9	32.3	32.3	8.1	0.0	0.0	0.0	0.0	0.0	0.0
85°	113.0	48.4	8.1	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	56.5	16.1	8.1	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

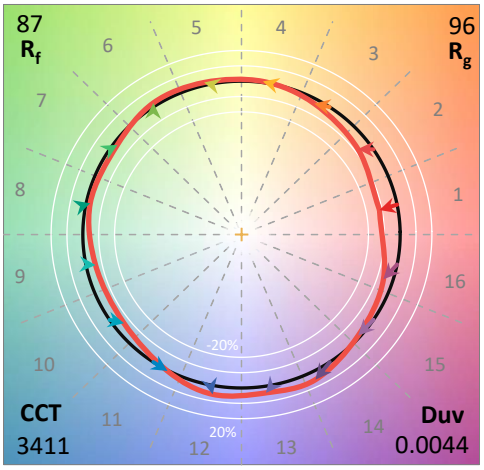
Test Information

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

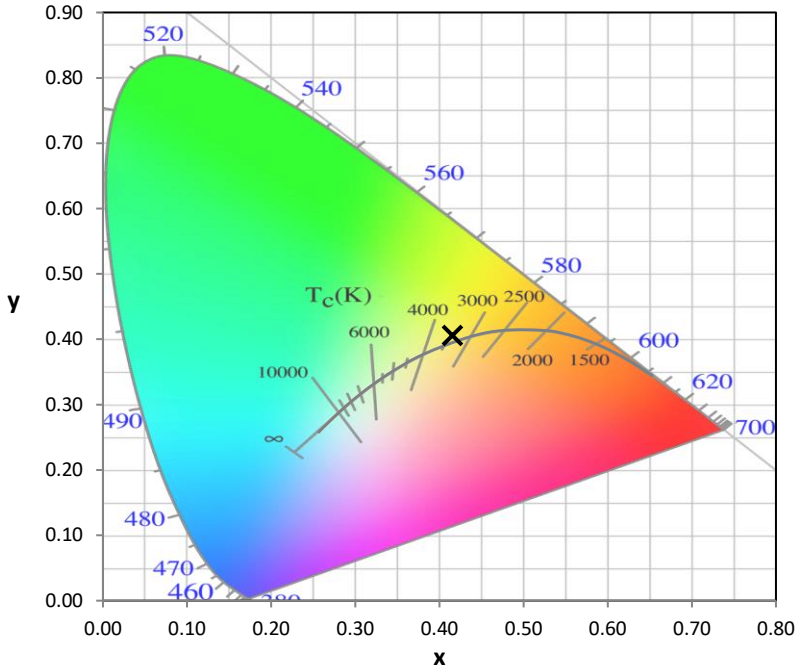
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

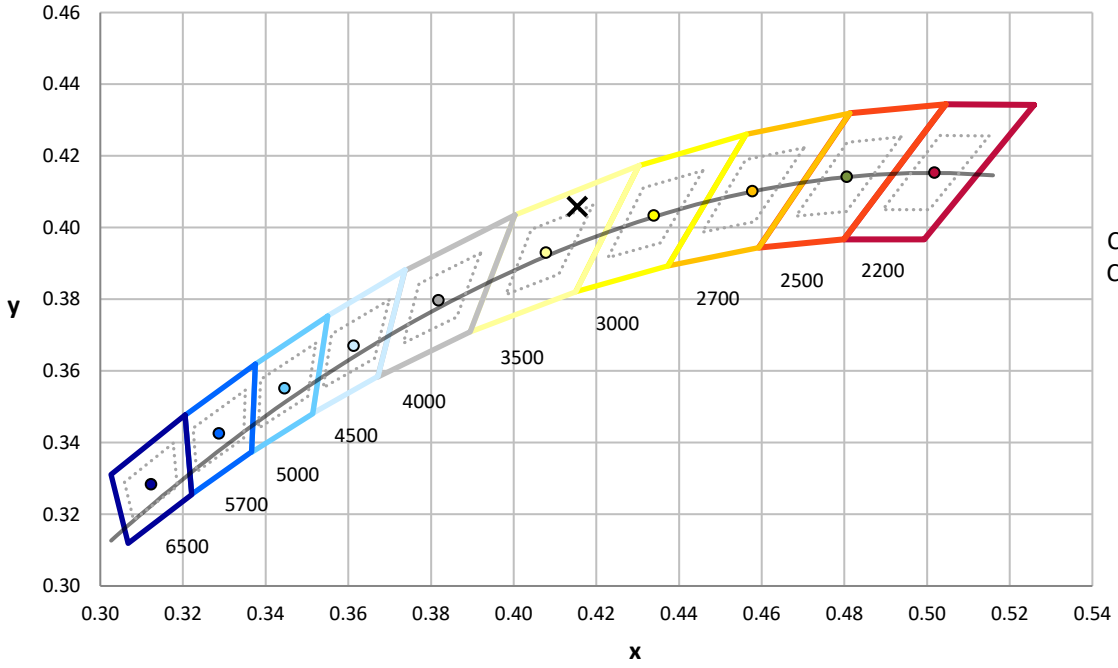
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

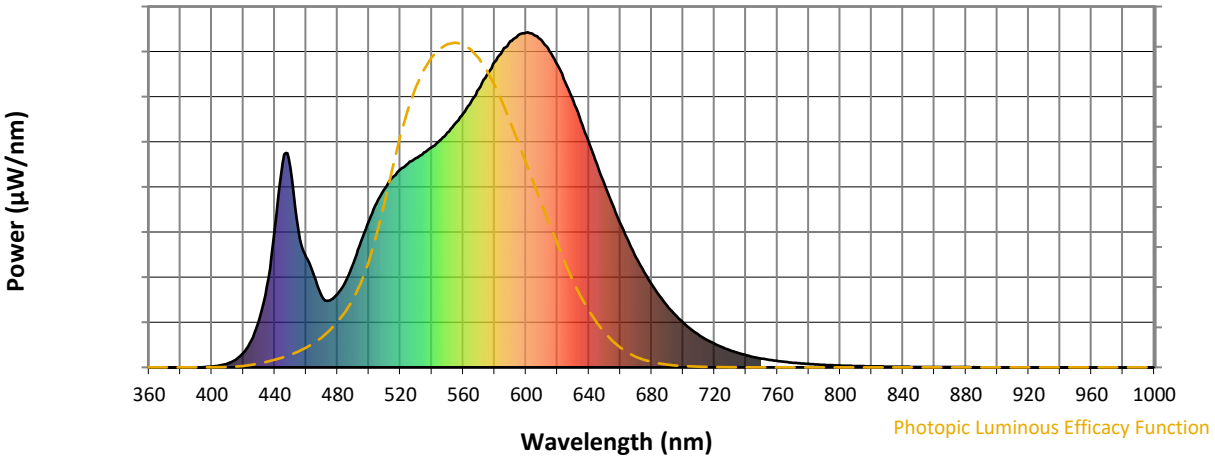


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

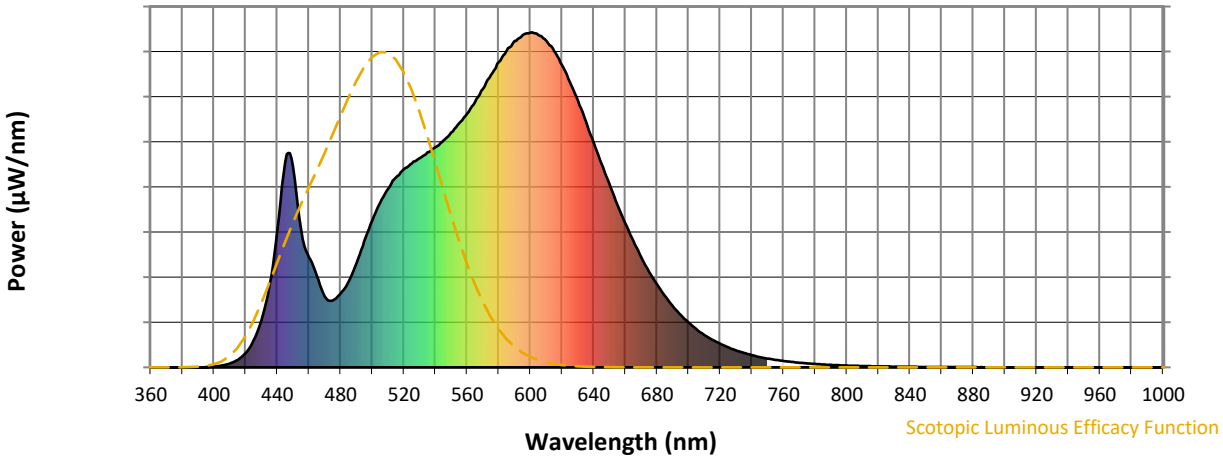


Photopic Lumens: NR

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

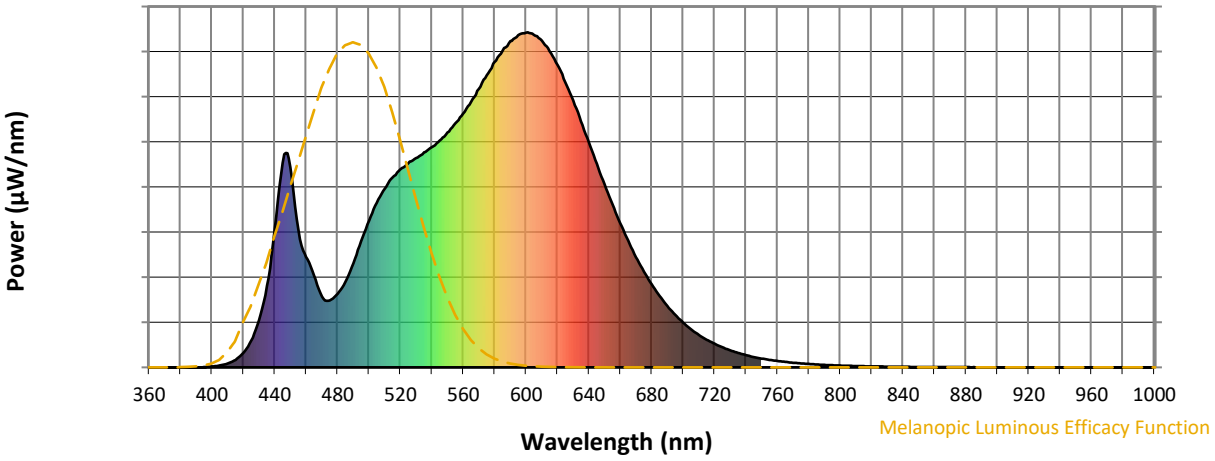


Scotopic Lumens: NR **S/P: 1.48**

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			

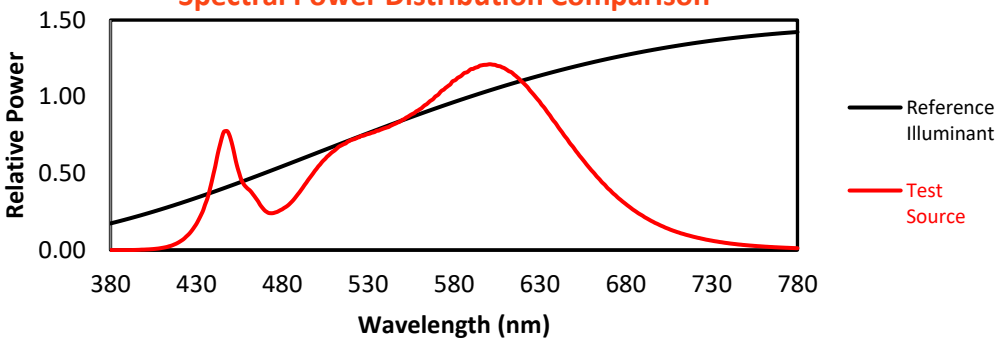
REPORT NUMBER: SP1-2407-184-10

TM-30-18

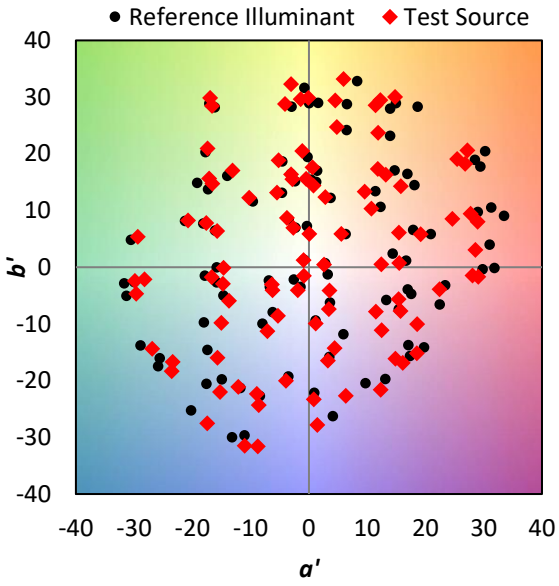
Summary

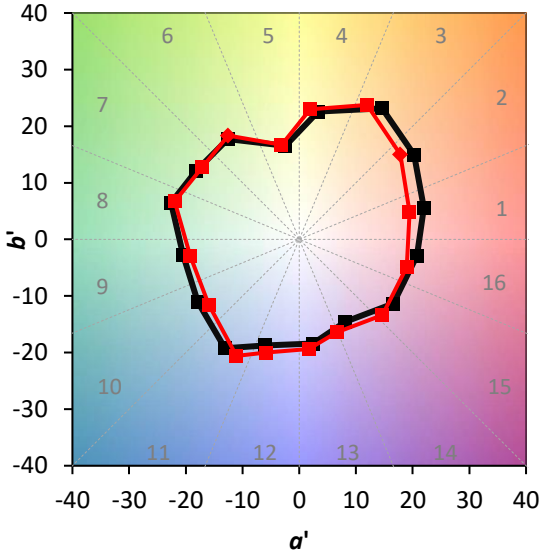
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

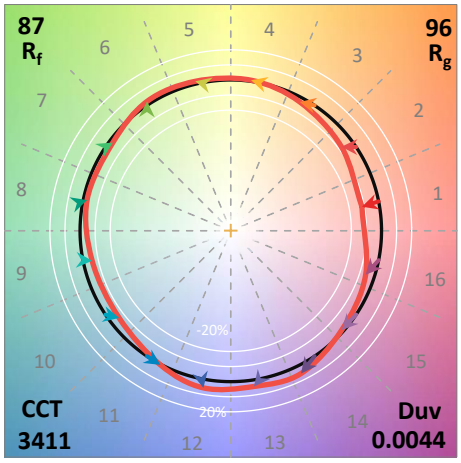
Spectral Power Distribution Comparison

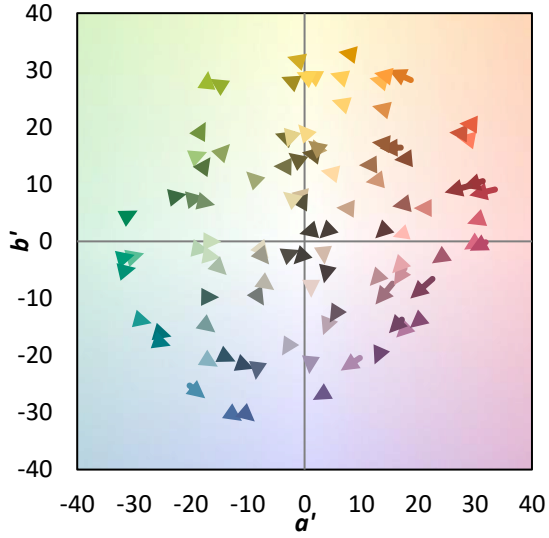


Color Vector Graphics







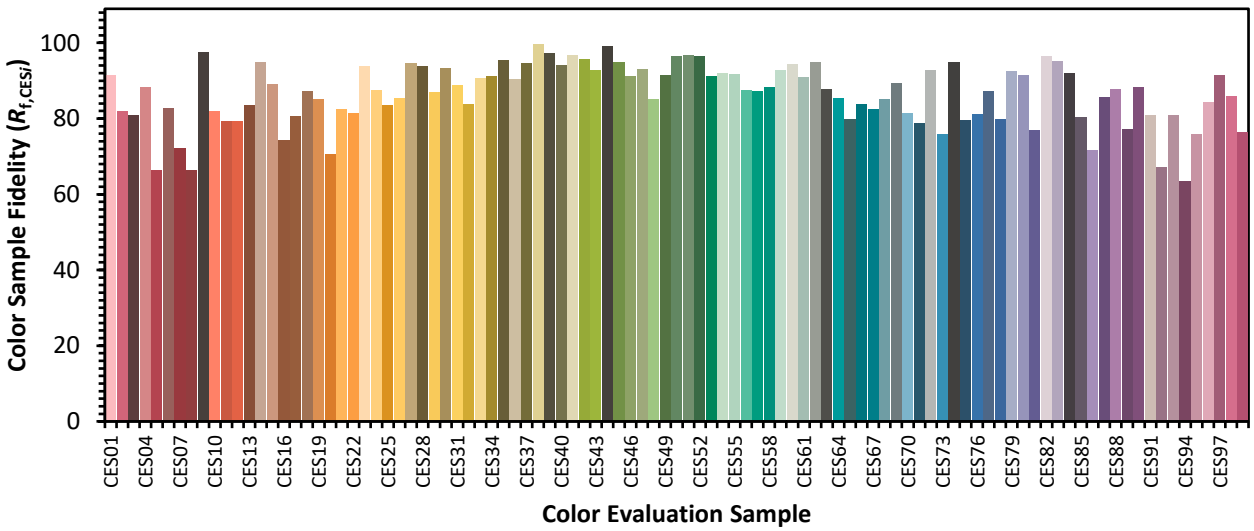


REPORT NUMBER: SP1-2407-184-10

TM-30-18

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

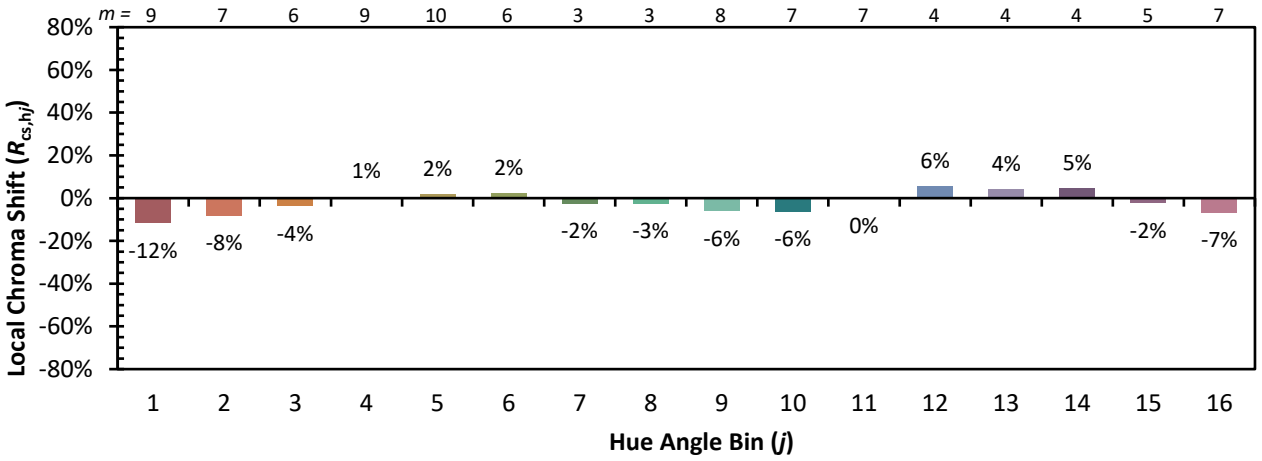
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 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	

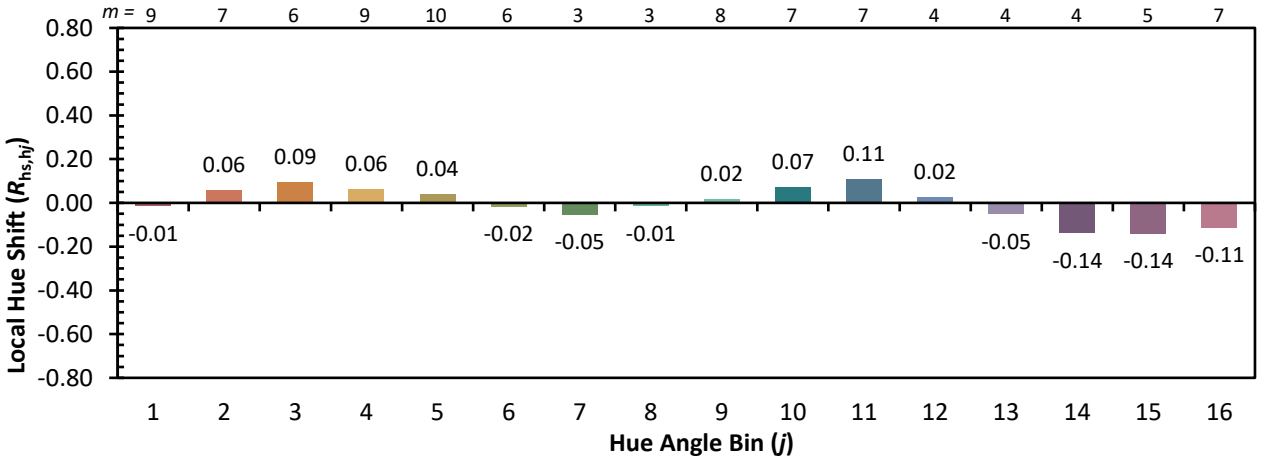


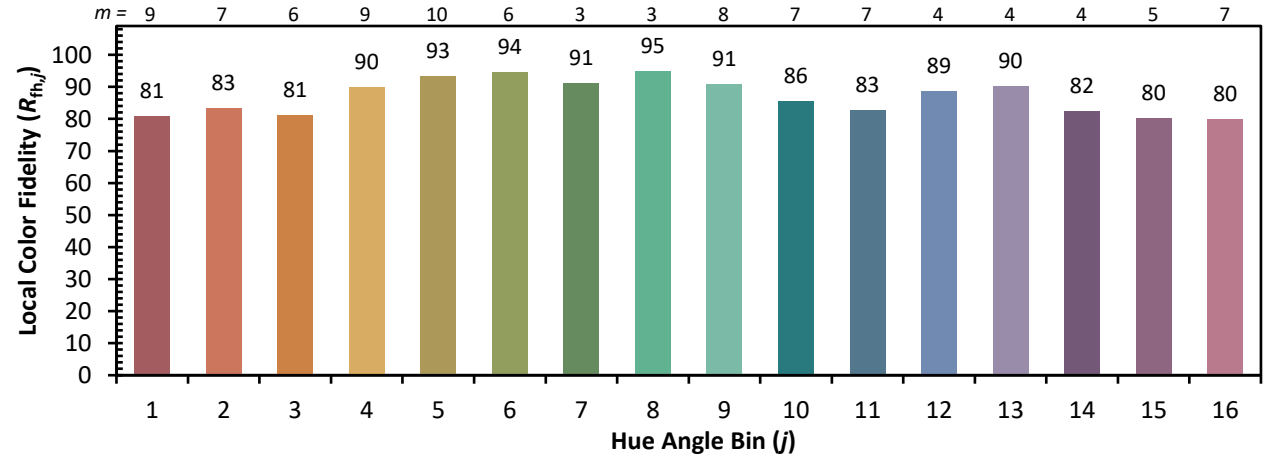
REPORT NUMBER: SP1-2407-184-10

TM-30-18

Color Rendition by Hue-Angle Bin



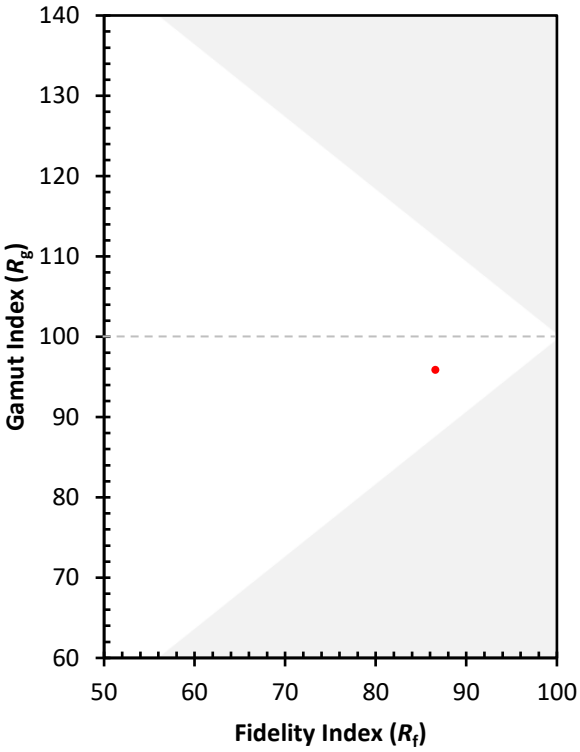


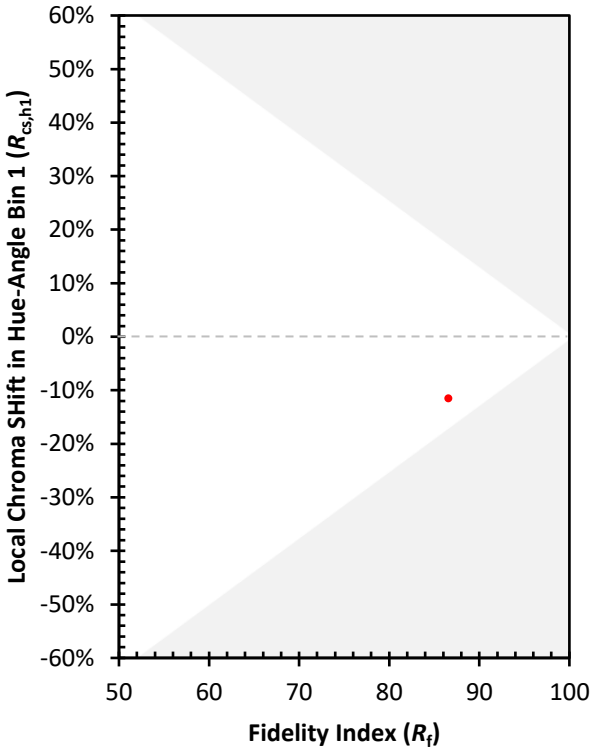


REPORT NUMBER: SP1-2407-184-10

TM-30-18

Measure Comparisons





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