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: STREETWORKS

Report Number: P1057641

Luminaire Tested: **GAP-SA2D-830-U-T4BC**

Issue Date: 08/07/2025

Report Generated By 670347003

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:	P1057641
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	GAP-SA2D-830-U-T4BC
Description:	GALLEON PEDESTRAIAN COMPANION 1200mA 2xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(28) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9539.9 lumens
Efficiency:	N/A
Efficacy:	88.2 lumens/watt
Luminous Opening:	Rectangular (W 1.33' x L: 0.67' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B0 - U0 - G2

Input Watts (W):	108.2
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
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: P1057641
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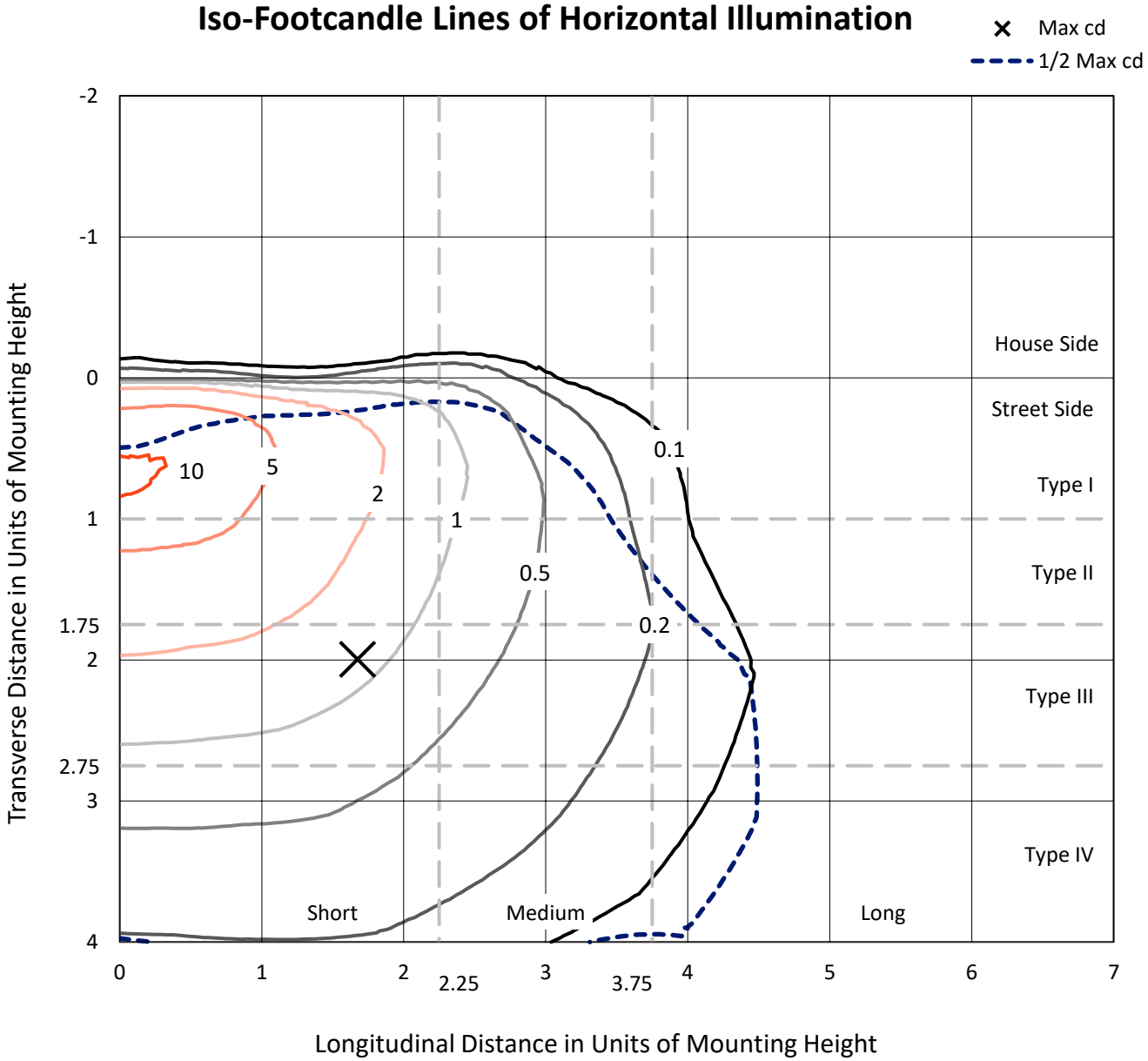
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 10.9 fc
Type IV - Short - N/A

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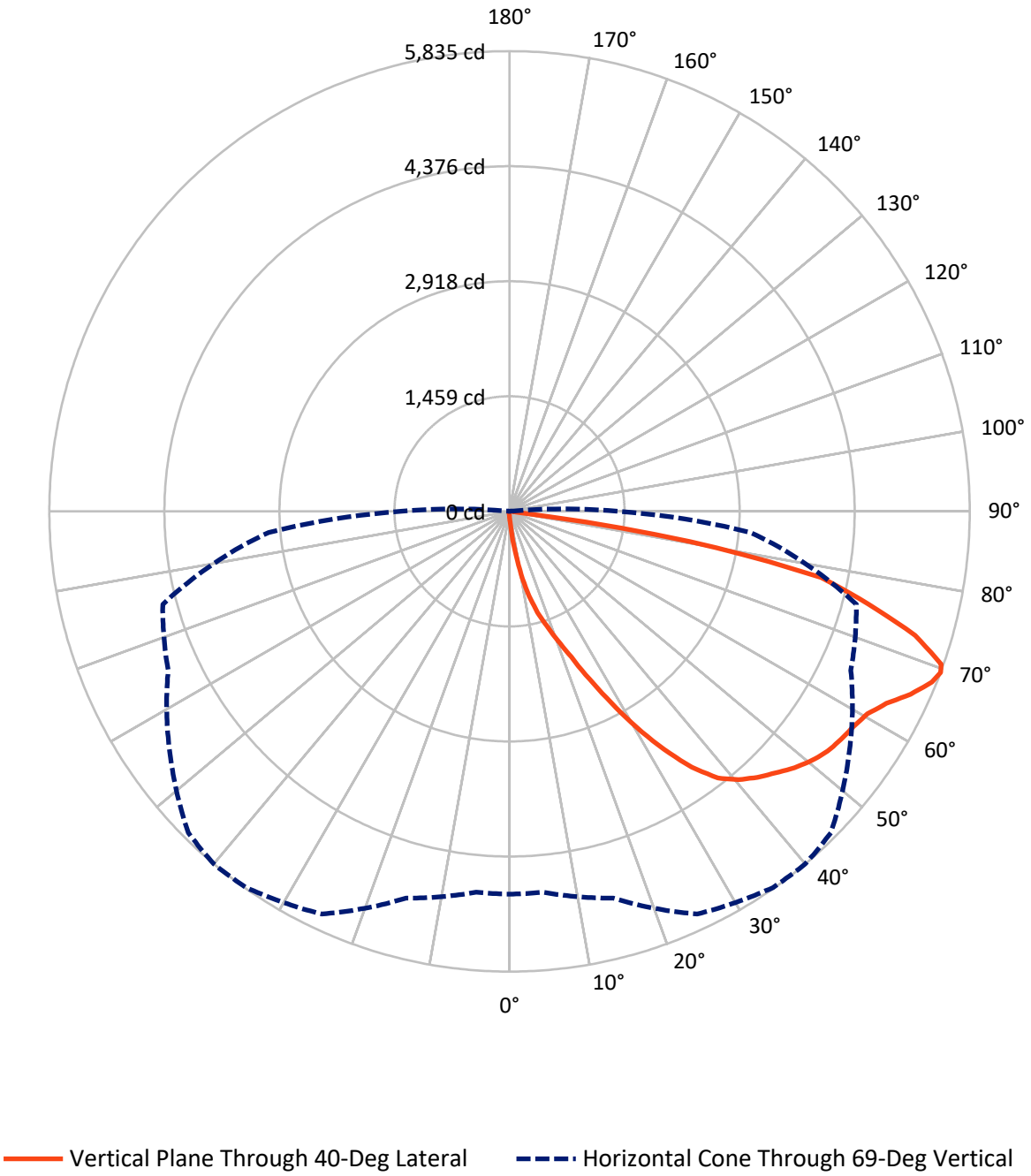
Luminous Intensity Polar Plot



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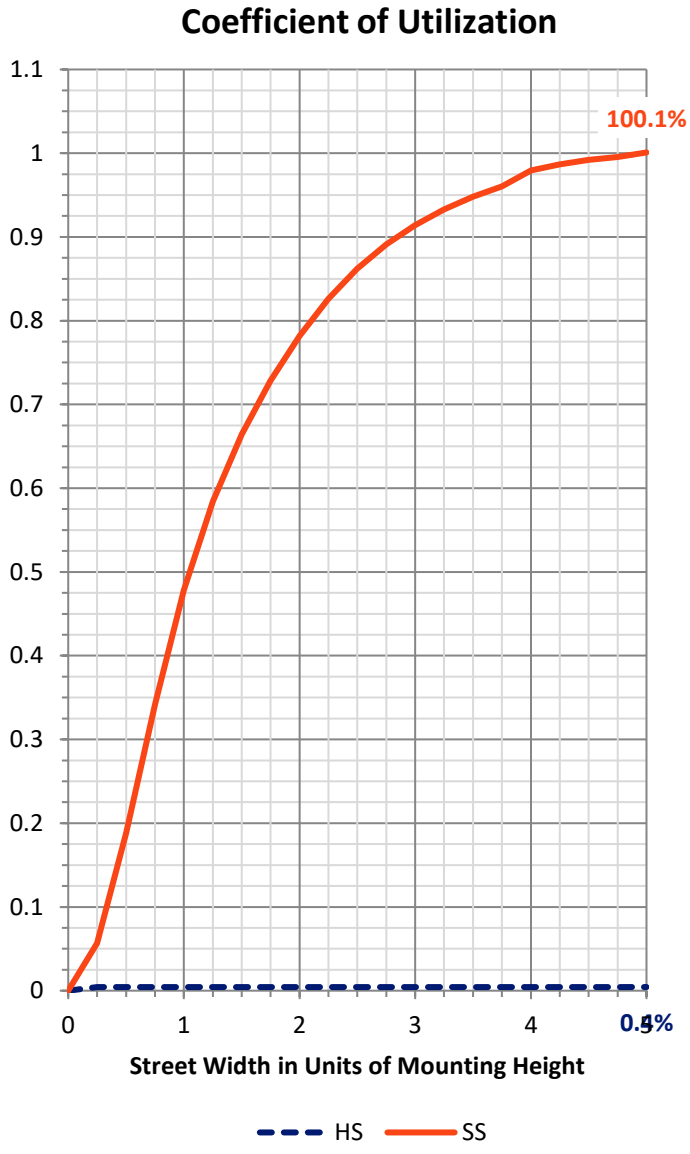
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	41.8	0.0	41.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	9498.0	0.0	9498.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	9539.9	0.0	9539.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.1	0.2
10°-20°	152.4	1.6
20°-30°	458.9	4.8
30°-40°	1010.4	10.6
40°-50°	1552.6	16.3
50°-60°	1911.9	20.0
60°-70°	2413.7	25.3
70°-80°	1856.6	19.5
80°-90°	163.2	1.7
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°	9539.9	100.0
0°-180°	9539.9	100.0



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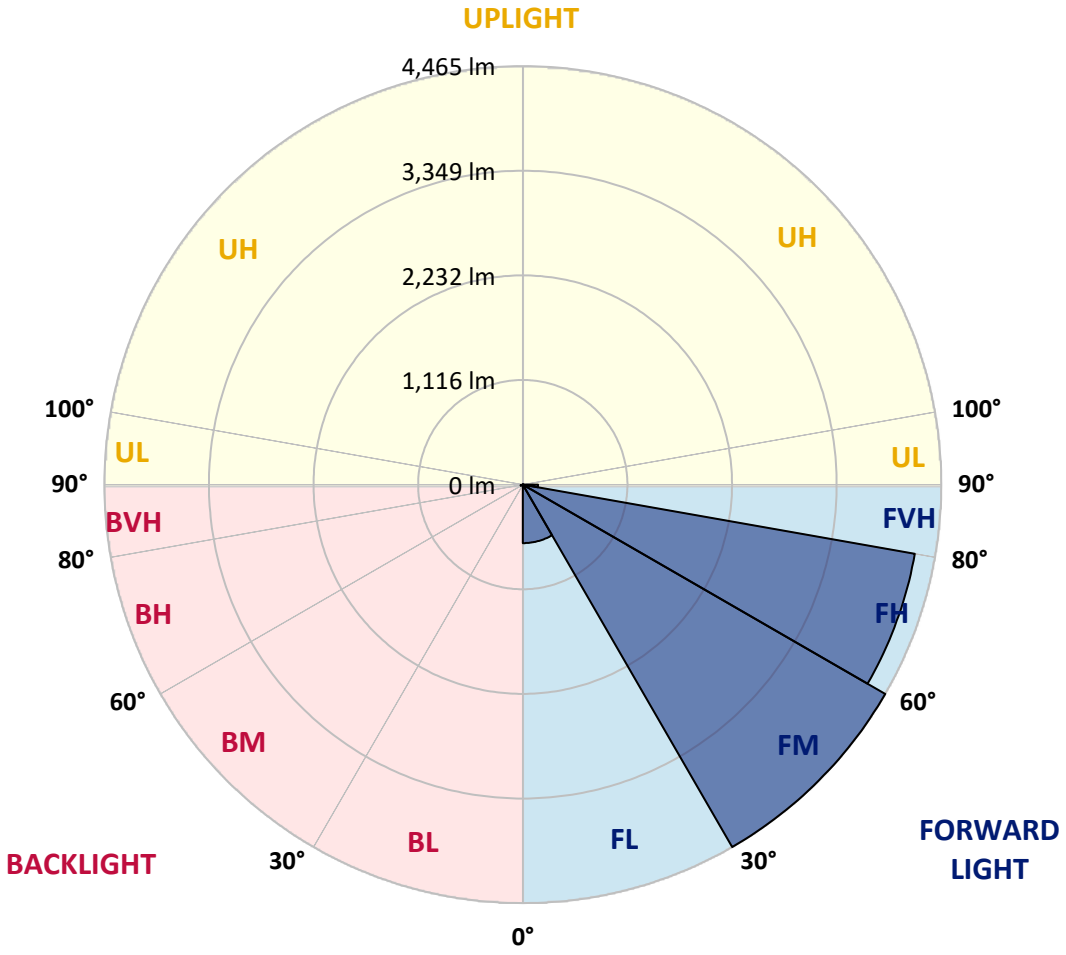
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	624.3	6.5			
FM	(30°-60°)	4464.7	46.8			
FH	(60°-80°)	4246.4	44.5			G2/5000
FVH	(80°-90°)	162.7	1.7			G2/225
BL	(0°-30°)	7.1	0.1	B0/110		
BM	(30°-60°)	10.2	0.1	B0/220		
BH	(60°-80°)	24.0	0.3	B0/110		G0/110
BVH	(80°-90°)	0.5	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	69.8	69.8	69.8	69.8	69.8	*69.8*	69.8	69.8	69.8	69.8	69.8
2.5°	155.7	153.9	146.7	137.8	130.6	*125.3*	118.1	107.4	96.6	84.1	75.2
5°	408.0	406.2	377.6	341.8	293.5	*261.3*	229.0	177.1	134.2	103.8	78.7
7.5°	755.1	749.8	722.9	667.4	565.4	*510.0*	450.9	316.7	205.8	128.8	84.1
10°	1098.7	1095.1	1061.1	980.6	869.6	*814.2*	735.4	540.4	323.9	168.2	91.3
12.5°	1300.9	1309.8	1284.8	1247.2	1152.4	*1100.5*	1011.0	785.5	497.5	230.8	100.2
15°	1467.3	1470.9	1447.6	1424.4	1372.5	*1329.5*	1254.4	1046.8	705.0	314.9	110.9
17.5°	1673.1	1667.7	1642.7	1615.8	1558.6	*1526.4*	1478.0	1288.4	926.9	434.8	125.3
20°	1934.3	1920.0	1891.4	1844.9	1782.2	*1742.9*	1692.8	1535.3	1148.8	567.2	143.2
22.5°	2268.9	2251.1	2220.6	2177.7	2066.7	*2005.9*	1941.5	1746.4	1393.9	735.4	166.4
25°	2655.5	2646.5	2614.3	2553.5	2435.4	*2354.8*	2251.1	1993.4	1637.3	914.4	195.0
27.5°	3110.0	3093.9	3050.9	2979.3	2852.3	*2746.7*	2617.9	2265.4	1869.9	1104.1	230.8
30°	3618.1	3582.4	3494.7	3432.1	3283.5	*3179.7*	3029.4	2626.8	2109.7	1302.7	268.4
32.5°	4090.5	4044.0	3917.0	3831.1	3693.3	*3600.3*	3462.5	2991.9	2379.9	1510.2	316.7
35°	4518.2	4468.1	4262.3	4131.7	4061.9	*3983.2*	3843.6	3408.8	2671.6	1732.1	372.2
37.5°	4879.7	4829.6	4564.7	4359.0	4316.0	*4289.2*	4176.4	3761.3	3002.6	1982.6	436.6
40°	5081.9	5049.7	4820.6	4588.0	4505.7	*4473.5*	4391.2	4056.5	3371.2	2233.2	511.8
42.5°	5144.5	5124.8	4938.7	4824.2	4673.9	*4609.5*	4511.1	4282.0	3687.9	2514.1	597.7
45°	5110.5	5089.0	4953.0	4979.9	4854.6	*4729.4*	4595.2	4435.9	3954.6	2845.1	705.0
47.5°	4965.6	4958.4	4865.4	5017.5	5003.1	*4860.0*	4693.6	4537.9	4183.6	3165.4	839.2
50°	4611.3	4607.7	4650.6	4965.6	5101.6	*4967.3*	4800.9	4629.2	4366.1	3485.7	1011.0
52.5°	4133.5	4158.5	4375.1	4868.9	5130.2	*5051.4*	4908.3	4732.9	4516.4	3806.0	1241.8
55°	3881.2	3902.7	4187.2	4763.4	5124.8	*5101.6*	5017.5	4833.1	4654.2	4069.1	1549.6
57.5°	4072.7	4049.4	4180.0	4749.0	5101.6	*5144.5*	5096.2	4911.9	4779.5	4301.7	1975.5
60°	4435.9	4428.7	4444.8	4851.0	5149.9	*5214.3*	5180.3	4965.6	4902.9	4478.8	2444.3
62.5°	4802.7	4783.0	4799.1	5132.0	5318.1	*5362.8*	5321.6	5053.2	4999.6	4607.7	2952.5
65°	4985.2	4970.9	5046.1	5414.7	5557.8	*5588.3*	5534.6	5194.6	5015.7	4673.9	3272.8
67.5°	4962.0	4958.4	5133.8	5613.3	5758.3	*5776.2*	5731.4	5336.0	4947.7	4672.1	3306.8
69°	*4852.8*	*4845.7*	*5076.5*	*5633.0*	*5822.7*	*5835.2*	*5761.8*	*5264.4*	*4775.9*	*4552.2*	*3065.2*
70°	4724.0	4731.1	4992.4	5597.2	5824.5	*5806.6*	5636.6	5162.4	4645.3	4414.4	2757.5
72.5°	4244.4	4289.2	4647.0	5362.8	5579.3	*5378.9*	5157.0	4827.8	4396.5	3763.1	1925.4
75°	3550.2	3612.8	4074.4	4876.1	4797.4	*4697.2*	4670.3	4419.8	3983.2	2499.8	1368.9
77.5°	1735.7	1943.3	2891.7	3745.2	3936.7	*4038.7*	4001.1	3653.9	3201.2	1227.5	892.9
80°	91.3	94.8	152.1	357.9	1823.4	*2319.1*	2852.3	2789.7	2422.8	560.1	470.6
82.5°	48.3	48.3	53.7	62.6	73.4	*87.7*	232.6	1597.9	1440.5	288.1	175.4
85°	26.8	26.8	32.2	42.9	55.5	*64.4*	73.4	96.6	309.6	103.8	28.6
87.5°	12.5	16.1	21.5	30.4	39.4	*50.1*	57.3	71.6	91.3	87.7	5.4
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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CATALOG NUMBER: GAP-SA2D-830-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
2.5°	69.8	66.2	60.8	57.3	55.5	51.9	48.3	46.5	44.7	42.9	44.7
5°	69.8	64.4	55.5	50.1	46.5	41.2	37.6	35.8	34.0	32.2	32.2
7.5°	69.8	60.8	50.1	42.9	37.6	34.0	28.6	26.8	25.1	23.3	23.3
10°	71.6	57.3	44.7	37.6	32.2	26.8	23.3	19.7	17.9	17.9	17.9
12.5°	71.6	53.7	39.4	32.2	26.8	21.5	16.1	12.5	10.7	10.7	10.7
15°	71.6	50.1	35.8	26.8	21.5	16.1	8.9	5.4	3.6	3.6	1.8
17.5°	73.4	48.3	32.2	23.3	16.1	8.9	1.8	0.0	0.0	0.0	0.0
20°	76.9	46.5	28.6	19.7	10.7	3.6	0.0	0.0	0.0	0.0	0.0
22.5°	80.5	44.7	25.1	14.3	5.4	1.8	0.0	0.0	0.0	0.0	0.0
25°	87.7	44.7	23.3	12.5	3.6	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	94.8	44.7	17.9	7.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0
30°	100.2	44.7	16.1	5.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	107.4	44.7	14.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	112.7	42.9	10.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	118.1	41.2	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	125.3	39.4	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	132.4	35.8	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	141.4	34.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	153.9	32.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	171.8	32.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	202.2	32.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	252.3	32.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	340.0	32.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	511.8	32.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	790.9	35.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1209.6	42.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1533.5	51.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69°	*1385.0*	*48.3*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
70°	1173.8	37.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	653.1	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	340.0	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	144.9	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	42.9	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	14.3	3.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	5.4	3.6	1.8	1.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.6	1.8	1.8	1.8	1.8	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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

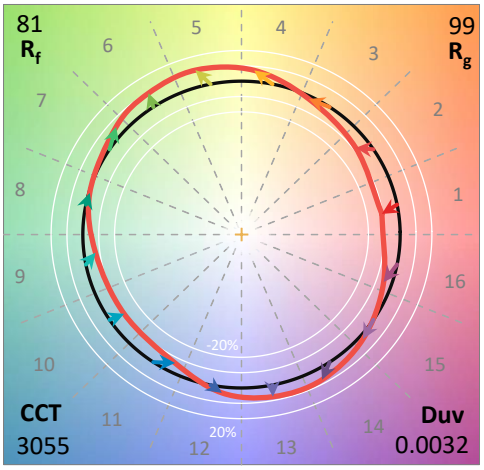
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-9
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-830-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3055
CIE u':	0.2475
CIE v':	0.5247
Duv:	0.0032
CIE x:	0.4377
CIE y:	0.4124
CIE z:	0.1499
Peak Wavelength (nm):	604
Dominant Wavelength (nm):	581
Purity:	55.16339
Rf:	81.5
Rg:	99.2

CRI (Ra):	80.9
R1:	79.5
R2:	85.6
R3:	92.1
R4:	82.4
R5:	78.9
R6:	81.7
R7:	85.1
R8:	61.9
R9:	6.8
R10:	67.1
R11:	82.5
R12:	63.4
R13:	80.2
R14:	95.1
R15:	71.7



Test Conditions

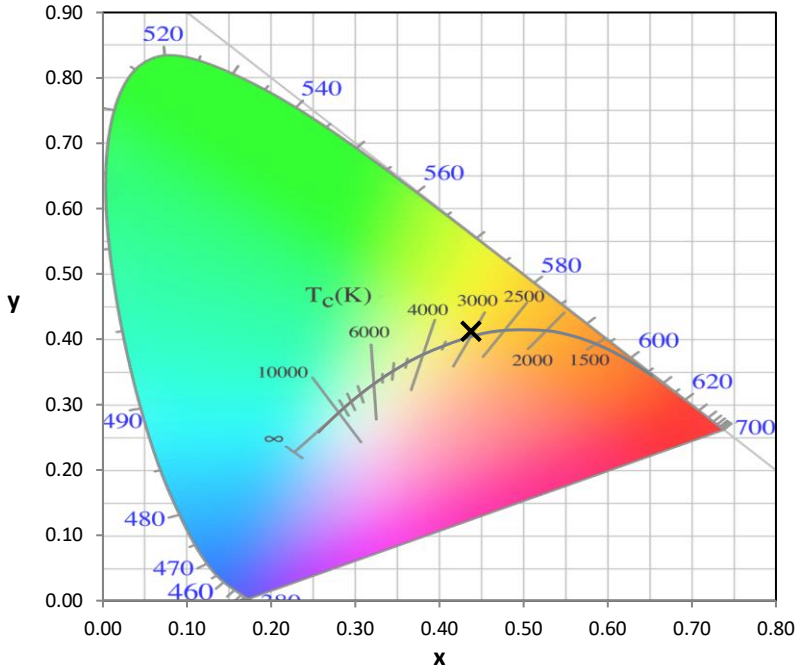
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

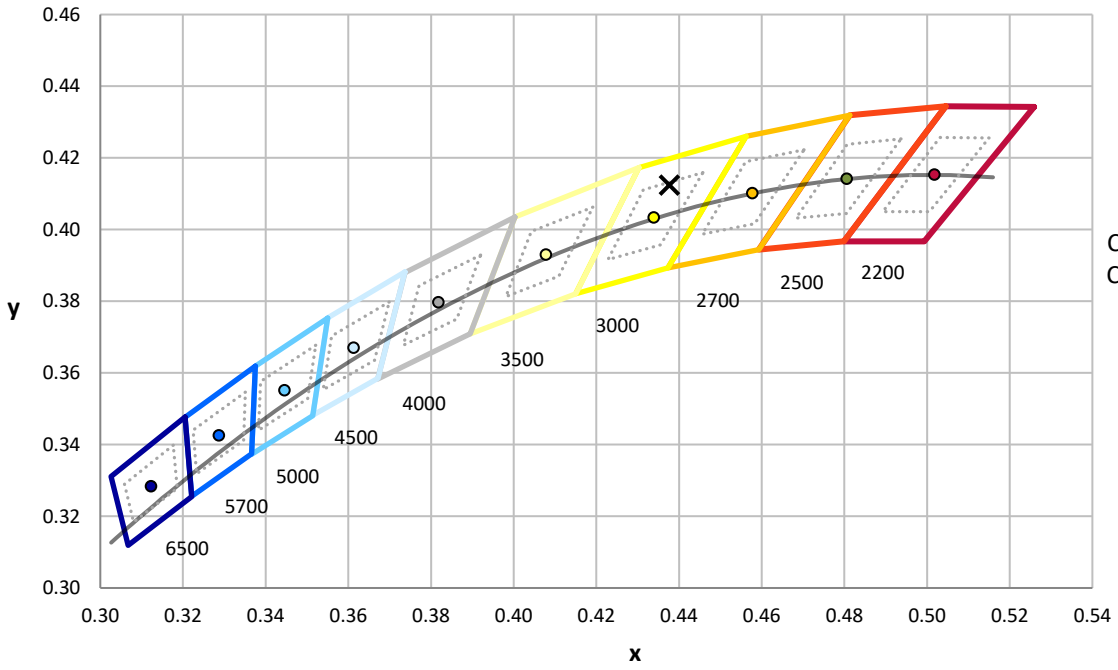
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



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

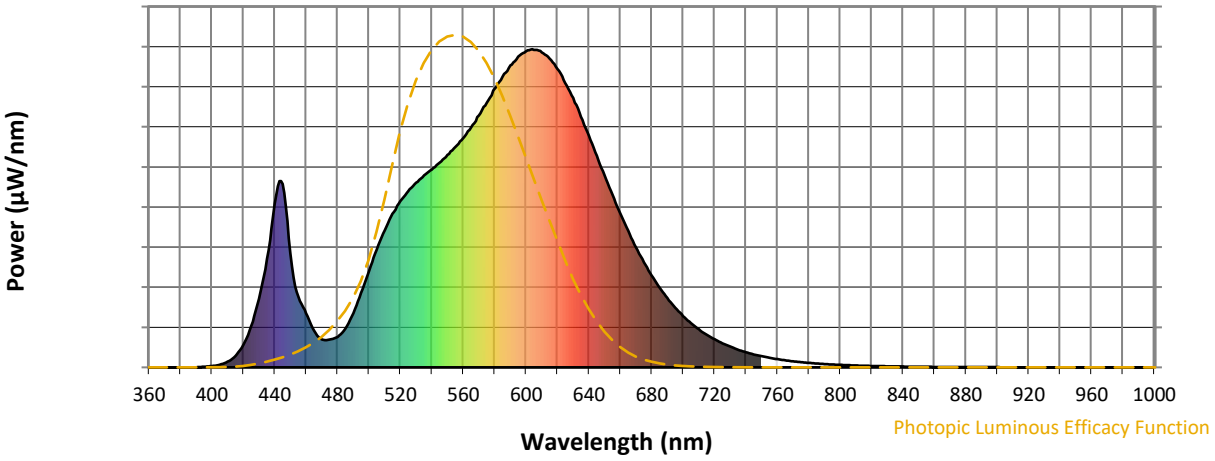


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

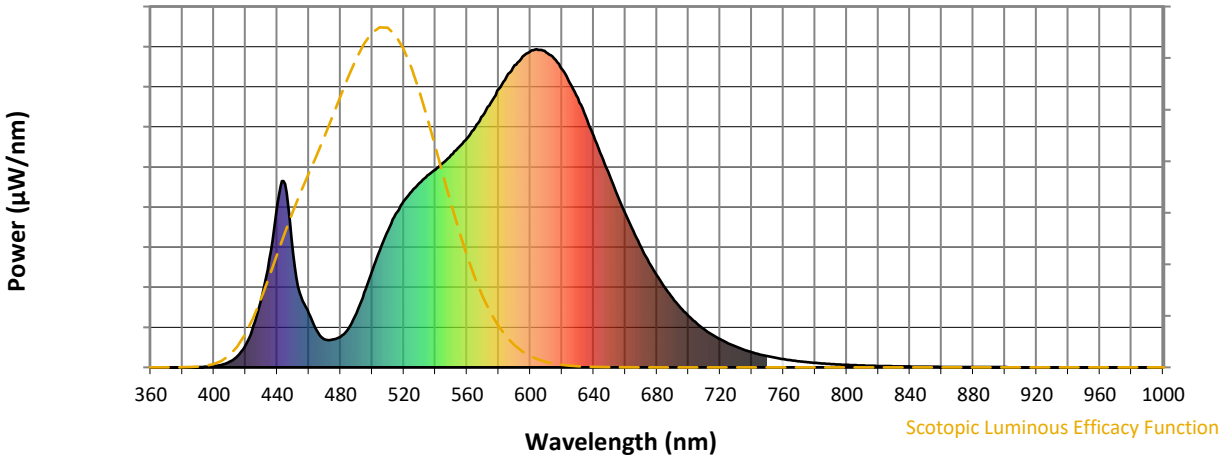


Photopic Lumens: NR

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

Scotopic Flux vs. Wavelength

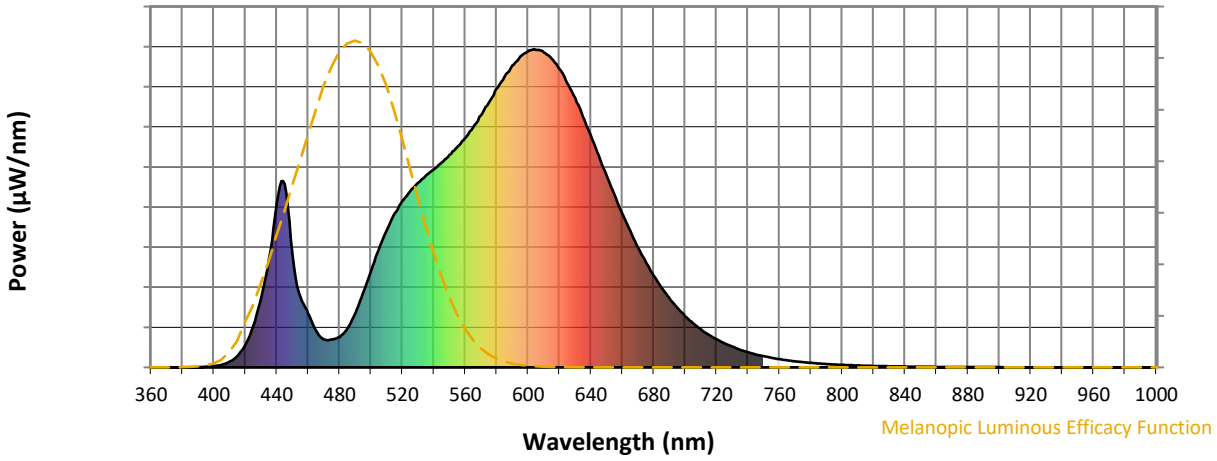


Scotopic Lumens: NR **S/P: 1.28**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.33**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

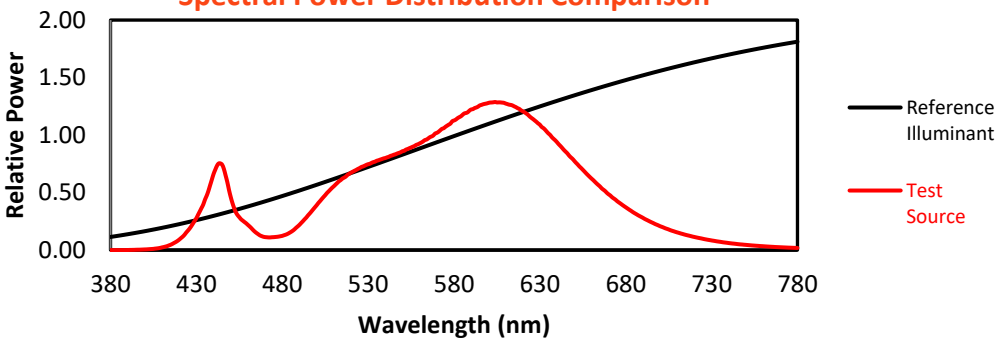
REPORT NUMBER: SP1-2407-184-9

TM-30-18

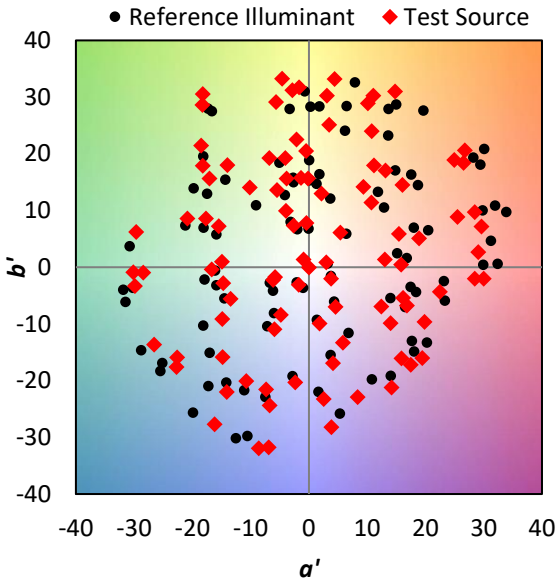
Summary

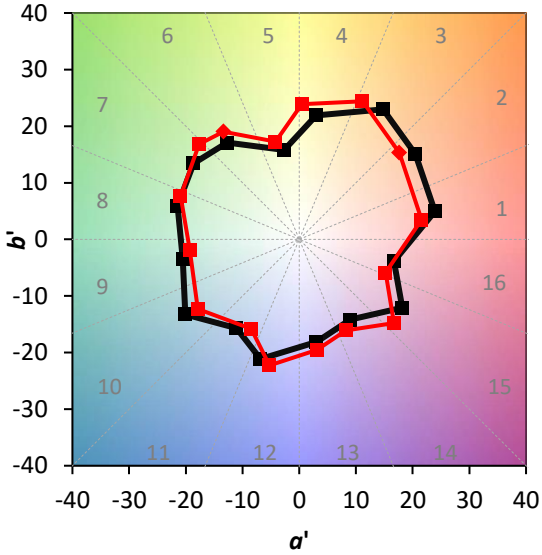
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

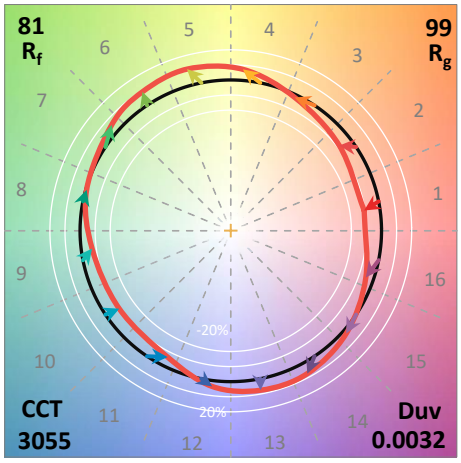
Spectral Power Distribution Comparison

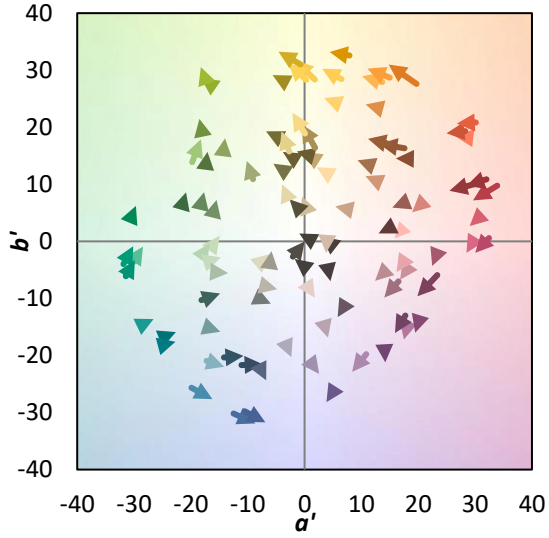


Color Vector Graphics







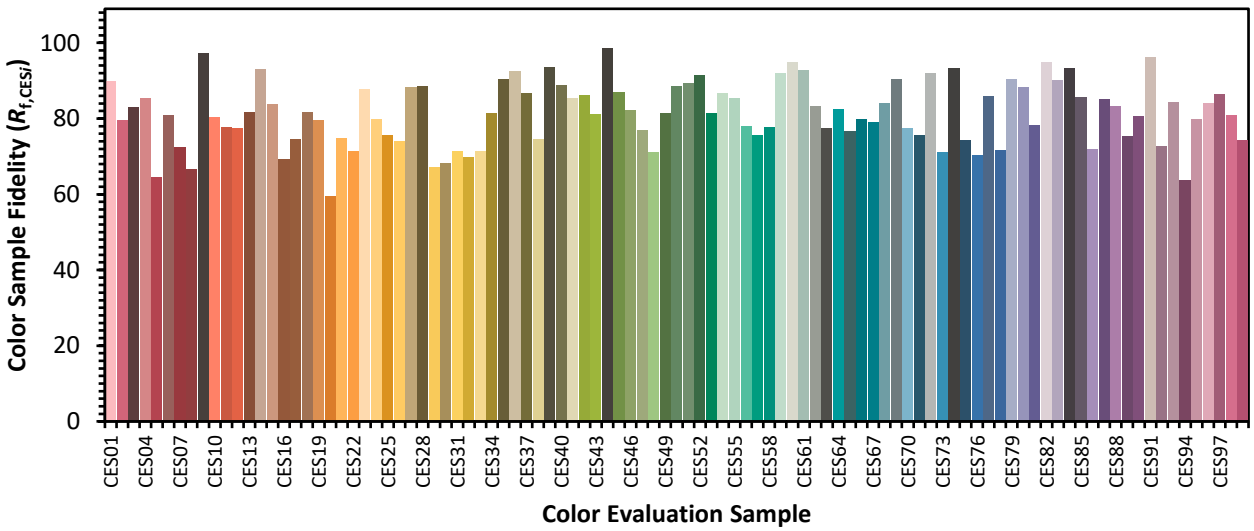


REPORT NUMBER: SP1-2407-184-9

TM-30-18

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

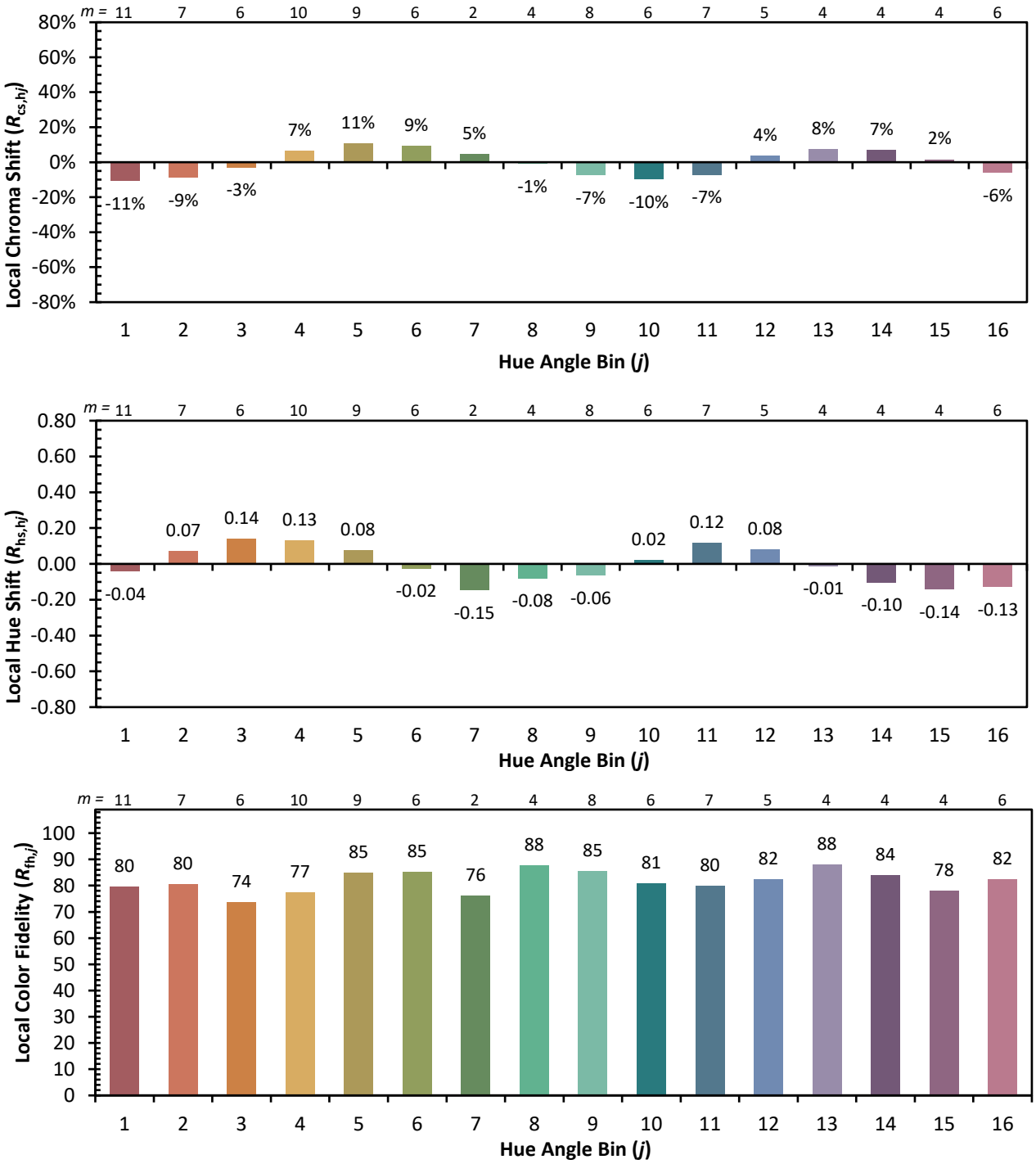
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



REPORT NUMBER: SP1-2407-184-9

TM-30-18

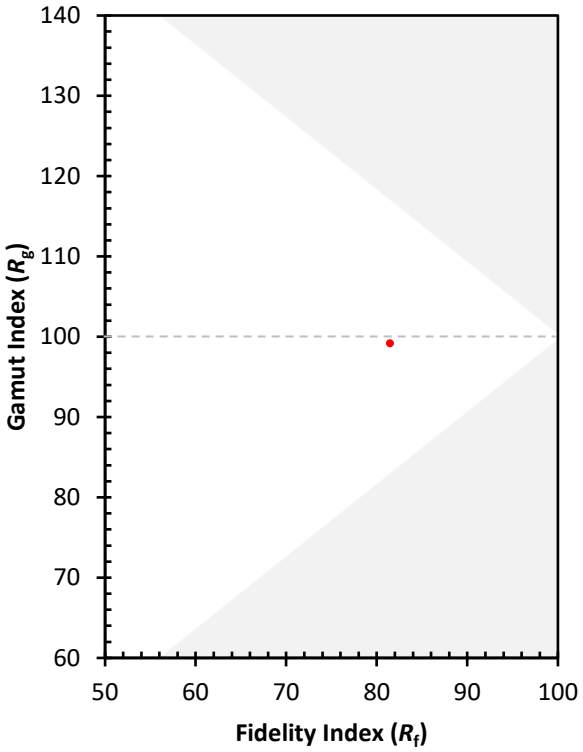
Color Rendition by Hue-Angle Bin

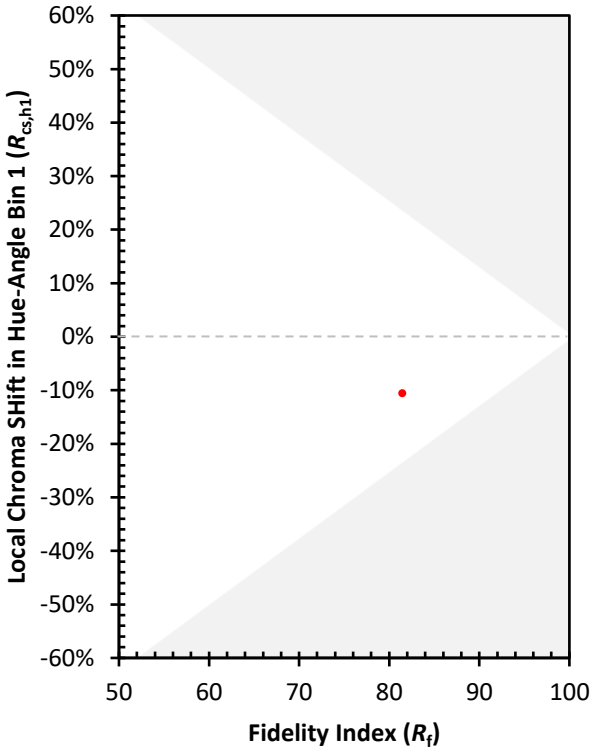


REPORT NUMBER: SP1-2407-184-9

TM-30-18

Measure Comparisons





(END OF REPORT)