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: P1047437

Luminaire Tested: **GALN-SA8A-850-U-T3BC**

Issue Date: 07/10/2025

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:	P1047437
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA8A-850-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE 80CRI 5000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(112) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	27305.5 lumens
Efficiency:	N/A
Efficacy:	125.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G4

Input Watts (W):	217.6
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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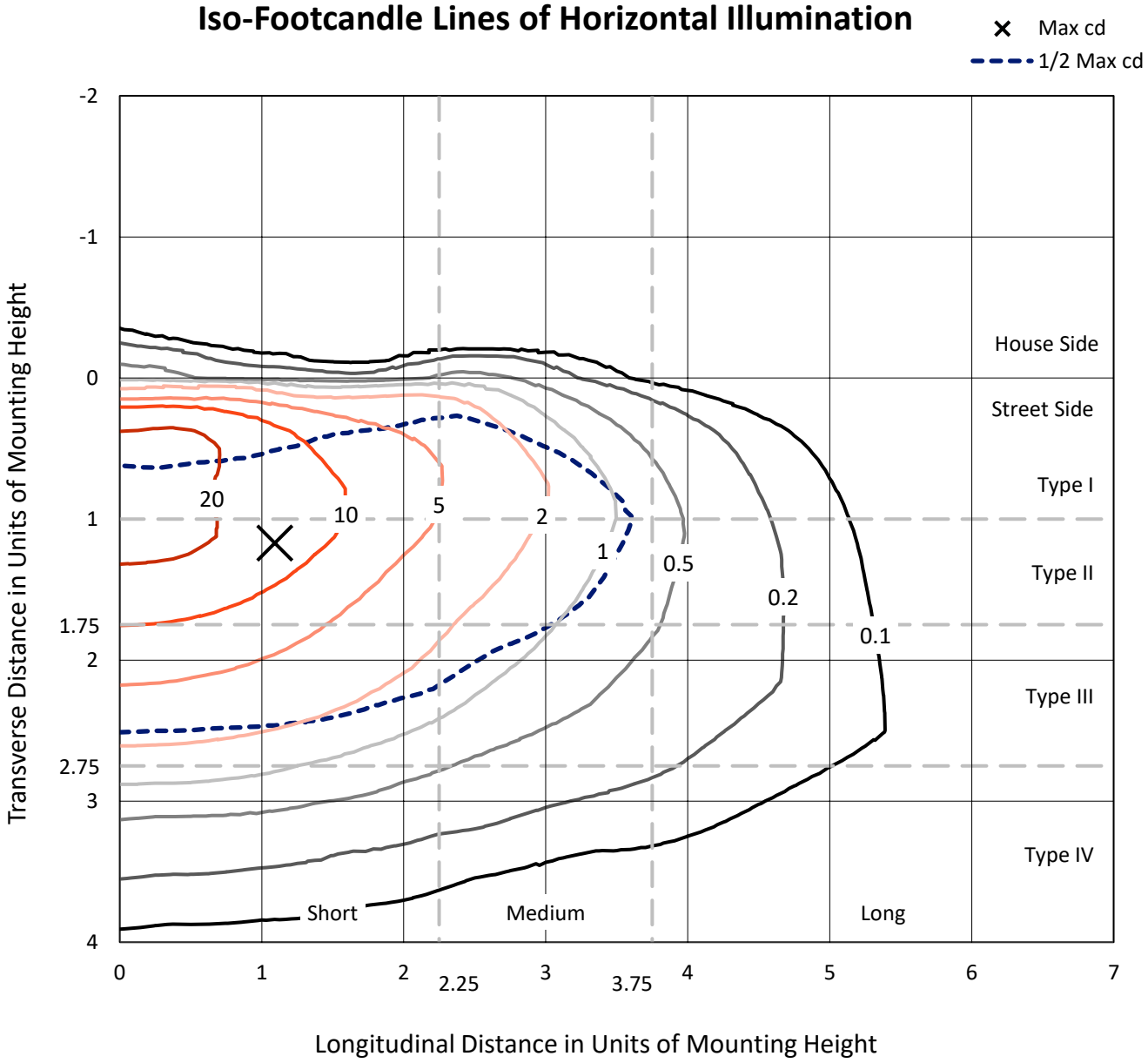
REPORT NUMBER: P1047437
CATALOG NUMBER: GALN-SA8A-850-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 30.6 fc
Type III - Short - N/A

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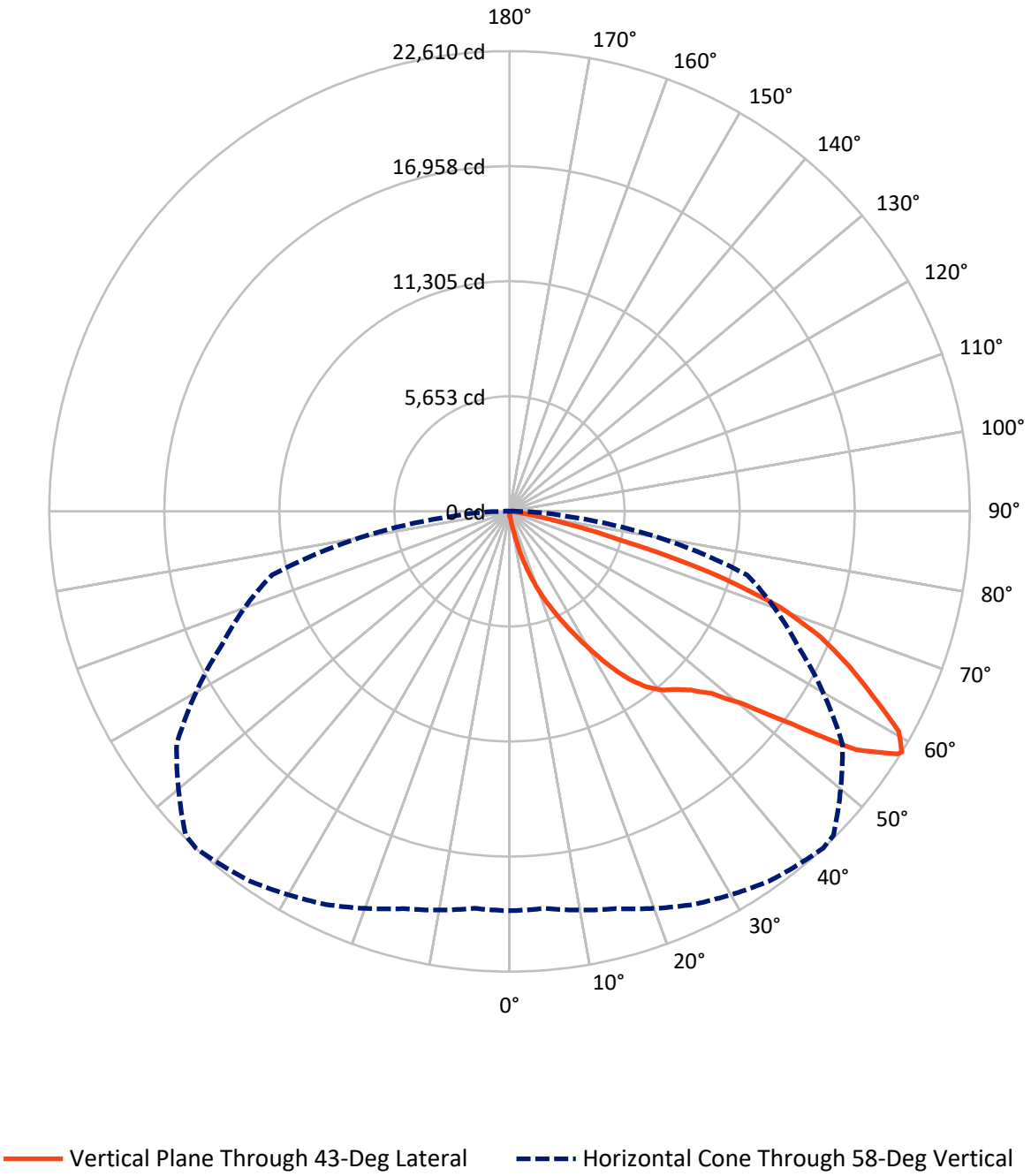
Luminous Intensity Polar Plot



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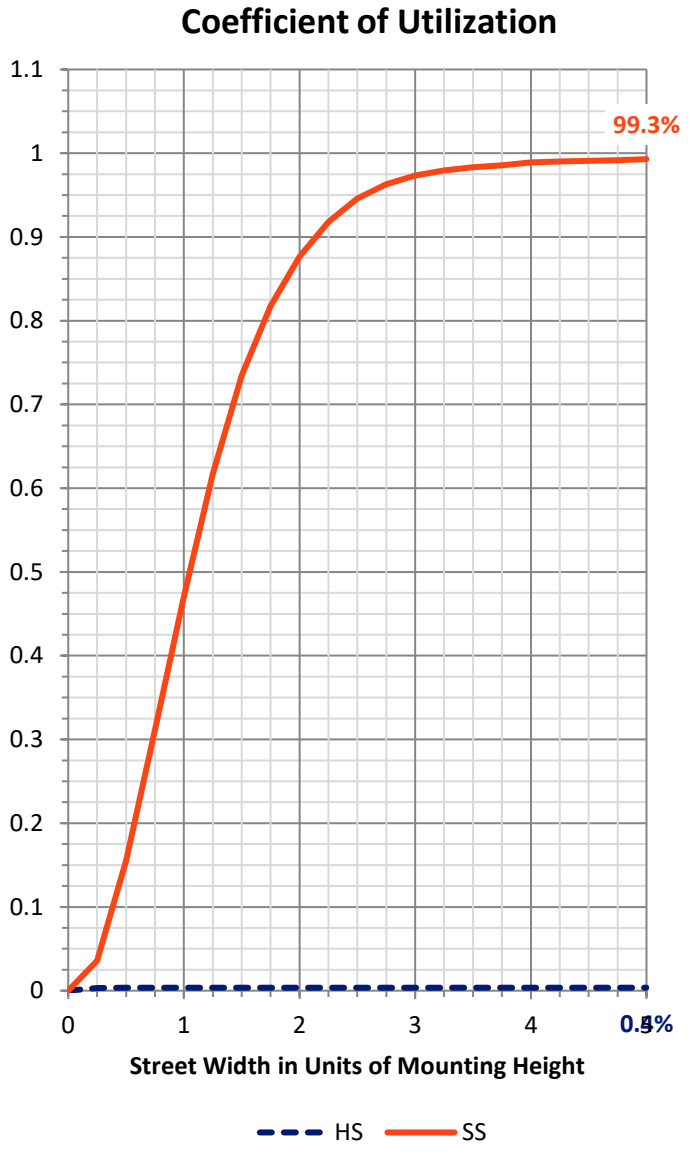
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	99.7	0.0	99.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	27205.8	0.0	27205.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	27305.5	0.0	27305.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.2	0.1
10°-20°	313.9	1.1
20°-30°	1131.3	4.1
30°-40°	2588.4	9.5
40°-50°	4365.6	16.0
50°-60°	7204.3	26.4
60°-70°	8051.8	29.5
70°-80°	3324.4	12.2
80°-90°	299.7	1.1
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°	27305.5	100.0
0°-180°	27305.5	100.0



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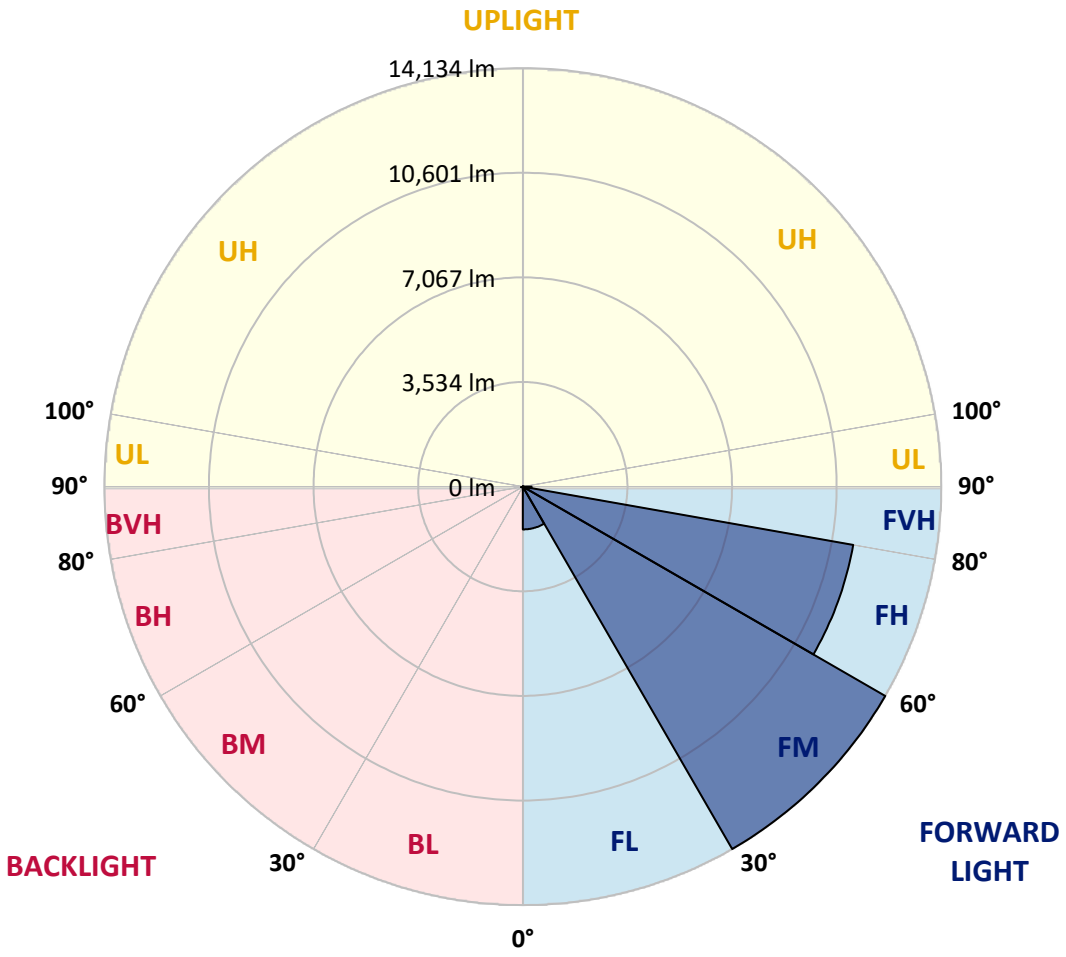
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1445.3	5.3			
FM	(30°-60°)	14134.4	51.8			
FH	(60°-80°)	11330.5	41.5			G4/12000
FVH	(80°-90°)	295.6	1.1			G3/500
BL	(0°-30°)	26.0	0.1	B0/110		
BM	(30°-60°)	23.9	0.1	B0/220		
BH	(60°-80°)	45.7	0.2	B0/110		G0/110
BVH	(80°-90°)	4.1	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-G4
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	178.5	178.5	178.5	178.5	178.5	*178.5*	178.5	178.5	178.5	178.5	178.5
2.5°	214.2	221.4	214.2	214.2	214.2	*207.1*	207.1	200.0	200.0	192.8	185.7
5°	314.2	314.2	292.8	278.5	264.2	*257.1*	250.0	235.7	221.4	207.1	192.8
7.5°	699.9	699.9	635.6	549.9	435.6	*371.4*	357.1	292.8	250.0	221.4	192.8
10°	1671.1	1671.1	1528.3	1292.6	999.8	*742.7*	664.2	421.3	299.9	235.7	200.0
12.5°	2778.0	2813.8	2635.2	2335.3	1899.6	*1449.7*	1292.6	771.3	399.9	257.1	200.0
15°	3770.7	3685.0	3635.0	3349.4	2935.2	*2399.5*	2199.6	1299.8	578.5	292.8	200.0
17.5°	4442.0	4442.0	4370.6	4177.8	3799.3	*3327.9*	3163.7	2099.6	935.5	335.7	207.1
20°	5227.6	5227.6	5099.0	4963.3	4627.7	*4227.8*	4070.7	2985.1	1449.7	428.5	207.1
22.5°	6177.4	6191.7	6048.9	5806.0	5484.7	*5041.9*	4906.2	3806.4	2099.6	571.3	214.2
25°	7334.3	7348.6	7141.5	6913.0	6420.2	*5941.7*	5734.6	4749.1	2892.3	799.8	214.2
27.5°	8612.7	8712.6	8405.6	8012.8	7491.4	*6891.6*	6734.4	5598.9	3677.9	1128.4	228.5
30°	10205.2	10205.2	9798.1	9248.2	8684.1	*7941.4*	7741.4	6491.6	4513.4	1564.0	242.8
32.5°	11576.4	11469.3	10947.9	10369.5	9769.6	*9076.9*	8862.6	7427.2	5370.4	2106.7	271.4
35°	12626.2	12533.3	11890.6	11269.3	10748.0	*10112.4*	9855.3	8441.3	6277.4	2720.9	314.2
37.5°	13526.0	13490.3	12619.0	11840.6	11497.8	*10940.8*	10712.3	9398.2	7170.1	3385.1	364.2
40°	14511.5	14397.3	13468.9	12504.8	11990.6	*11540.7*	11333.6	10169.5	8027.1	4163.5	435.6
42.5°	15354.2	15218.5	14383.0	13440.3	12561.9	*11954.9*	11754.9	10819.4	8862.6	4941.9	528.5
45°	16289.8	16218.4	15375.7	14661.5	13490.3	*12519.1*	12254.8	11340.7	9626.7	5870.3	649.9
47.5°	17696.6	17568.1	16782.5	16196.9	14840.0	*13376.0*	12997.5	11876.3	10362.3	6784.4	835.6
50°	19332.1	19246.4	18782.2	18318.0	16968.2	*14840.0*	14390.1	12647.6	11183.6	7869.9	1078.4
52.5°	20667.5	20653.2	20710.4	20717.5	19696.3	*17303.9*	16632.6	13890.2	12126.3	8941.2	1421.2
55°	20638.9	20703.2	21331.7	22053.0	22131.5	*20667.5*	20017.6	15982.7	13354.6	10262.3	1899.6
57.5°	19867.7	19817.7	20481.8	21567.3	22331.5	*22488.6*	22381.5	19232.1	15204.3	11854.9	2635.2
58°	*19617.7*	*19574.9*	*20203.3*	*21310.3*	*22188.7*	*22610.0*	*22502.9*	*19967.6*	*15618.5*	*12083.4*	*2835.2*
60°	18710.7	18717.9	19089.2	20096.2	20974.6	*21974.4*	22074.4	22067.3	17682.4	13611.7	3842.1
62.5°	17511.0	17453.8	17796.6	18617.9	19389.2	*20060.5*	20231.9	22210.1	20703.2	15554.2	5763.2
65°	15854.1	15768.4	16132.7	17061.1	17889.5	*18325.1*	18332.2	20296.2	22124.4	17639.5	8505.5
67.5°	12776.2	12704.7	13433.2	14625.8	15904.1	*16475.5*	16732.5	17611.0	20924.6	19053.5	10076.7
70°	7827.1	7977.1	8991.2	10862.2	13047.5	*14097.3*	14483.0	14754.3	17818.1	18839.3	8427.0
72.5°	3613.6	3435.1	4299.2	5606.1	8098.5	*10433.7*	10833.7	11897.7	14125.9	16354.0	6284.5
75°	1685.4	1621.1	1821.1	2449.5	3670.7	*5634.6*	6363.1	9498.2	10833.7	11376.4	4534.9
77.5°	864.1	871.3	1035.5	1114.1	1514.0	*2606.6*	2992.3	6248.8	7941.4	6348.8	3042.3
80°	378.5	392.8	399.9	435.6	614.2	*1007.0*	1135.5	2899.5	5427.5	3235.1	1664.0
82.5°	242.8	250.0	250.0	250.0	292.8	*399.9*	457.1	1164.1	2706.6	1606.8	514.2
85°	128.5	128.5	142.8	178.5	207.1	*242.8*	257.1	371.4	892.7	478.5	121.4
87.5°	71.4	78.6	85.7	107.1	135.7	*164.3*	178.5	257.1	342.8	328.5	28.6
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: GALN-SA8A-850-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	178.5	178.5	178.5	178.5	178.5	178.5	178.5	178.5	178.5	178.5	178.5
2.5°	185.7	178.5	171.4	164.3	157.1	150.0	150.0	150.0	150.0	150.0	150.0
5°	178.5	171.4	164.3	150.0	135.7	128.5	121.4	114.3	114.3	114.3	114.3
7.5°	178.5	171.4	150.0	135.7	121.4	107.1	92.8	92.8	92.8	92.8	92.8
10°	178.5	164.3	142.8	121.4	100.0	85.7	78.6	71.4	71.4	71.4	71.4
12.5°	178.5	157.1	135.7	107.1	85.7	71.4	64.3	57.1	57.1	57.1	57.1
15°	178.5	157.1	128.5	100.0	78.6	57.1	50.0	42.8	42.8	42.8	42.8
17.5°	171.4	150.0	121.4	85.7	64.3	42.8	35.7	28.6	28.6	35.7	35.7
20°	164.3	142.8	107.1	71.4	50.0	35.7	21.4	21.4	21.4	21.4	21.4
22.5°	164.3	142.8	100.0	64.3	42.8	21.4	14.3	14.3	14.3	14.3	21.4
25°	164.3	135.7	85.7	50.0	28.6	14.3	7.1	7.1	7.1	7.1	7.1
27.5°	164.3	135.7	78.6	42.8	21.4	14.3	7.1	0.0	0.0	0.0	0.0
30°	157.1	128.5	71.4	35.7	14.3	7.1	0.0	0.0	0.0	0.0	0.0
32.5°	157.1	121.4	57.1	28.6	14.3	7.1	0.0	0.0	0.0	0.0	0.0
35°	164.3	114.3	50.0	21.4	7.1	0.0	0.0	0.0	0.0	0.0	7.1
37.5°	171.4	107.1	42.8	14.3	7.1	0.0	0.0	0.0	0.0	0.0	0.0
40°	178.5	100.0	42.8	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	192.8	100.0	35.7	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	207.1	100.0	28.6	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	235.7	107.1	28.6	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	257.1	114.3	21.4	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	285.7	107.1	21.4	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	321.4	107.1	21.4	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	349.9	100.0	21.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*364.2*	*92.8*	*14.3*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	435.6	85.7	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	678.4	71.4	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1378.3	64.3	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2570.9	57.1	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2878.0	64.3	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1813.9	50.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	957.0	50.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	478.5	50.0	7.1	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	221.4	35.7	7.1	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	92.8	21.4	14.3	7.1	7.1	0.0	0.0	0.0	0.0	0.0	0.0
85°	42.8	21.4	14.3	14.3	7.1	7.1	0.0	0.0	0.0	0.0	0.0
87.5°	21.4	21.4	21.4	14.3	14.3	7.1	7.1	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: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

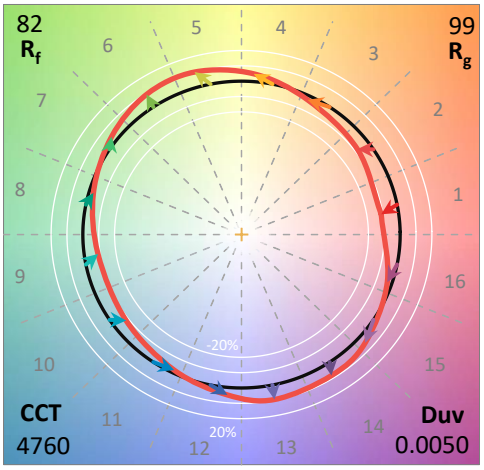
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-12
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-850-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4760
CIE u':	0.2107
CIE v':	0.4939
Duv:	0.0050
CIE x:	0.3537
CIE y:	0.3685
CIE z:	0.2779
Peak Wavelength (nm):	443
Dominant Wavelength (nm):	571
Purity:	16.69598
Rf:	82
Rg:	99.4

CRI (Ra):	81.1				
R1:	79.8	R9:	8.7		
R2:	83.5	R10:	62.4		
R3:	87.9	R11:	83.8		
R4:	83.1	R12:	63.0		
R5:	80.5	R13:	79.9		
R6:	79.1	R14:	93.3		
R7:	86.1	R15:	72.7		
R8:	69.0				



Test Conditions

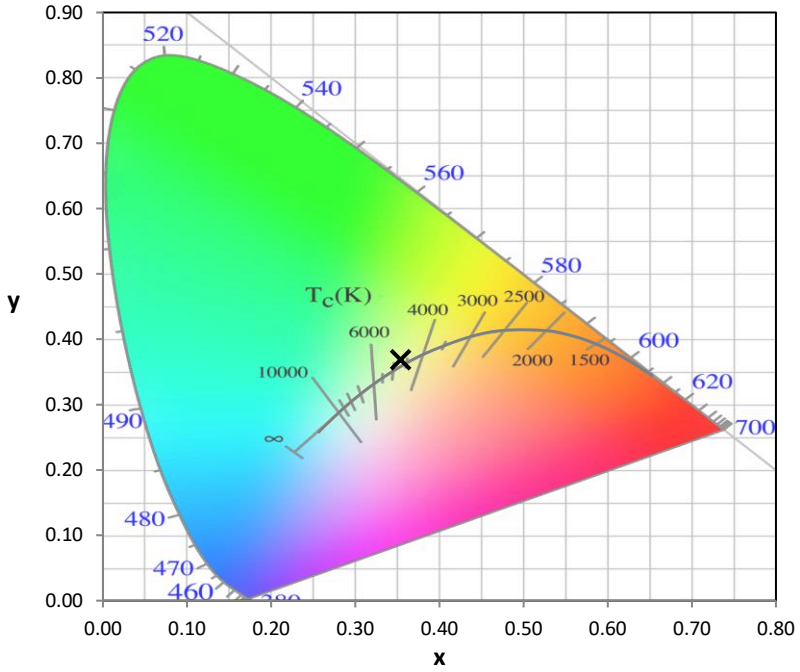
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-12

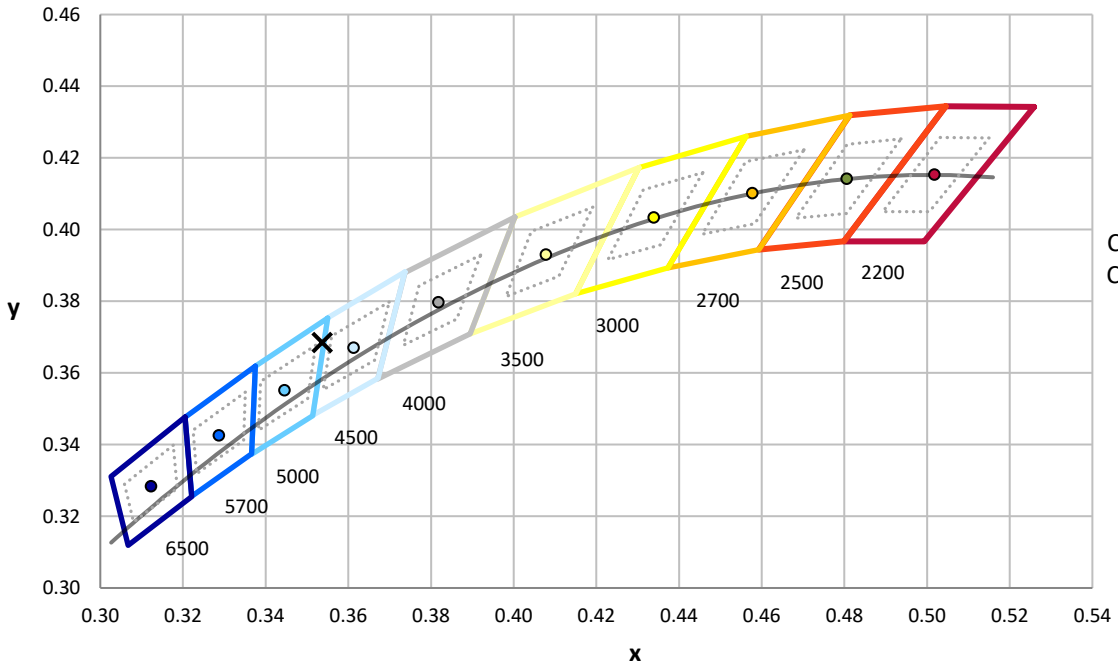
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-12

CIE 1931 Chromaticity Diagram



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

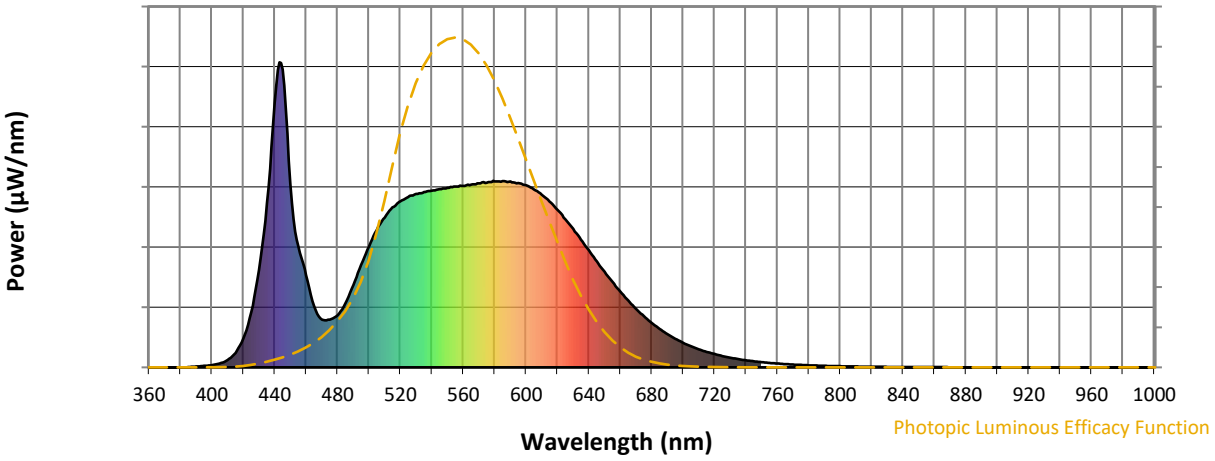


CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

Photopic Flux vs. Wavelength

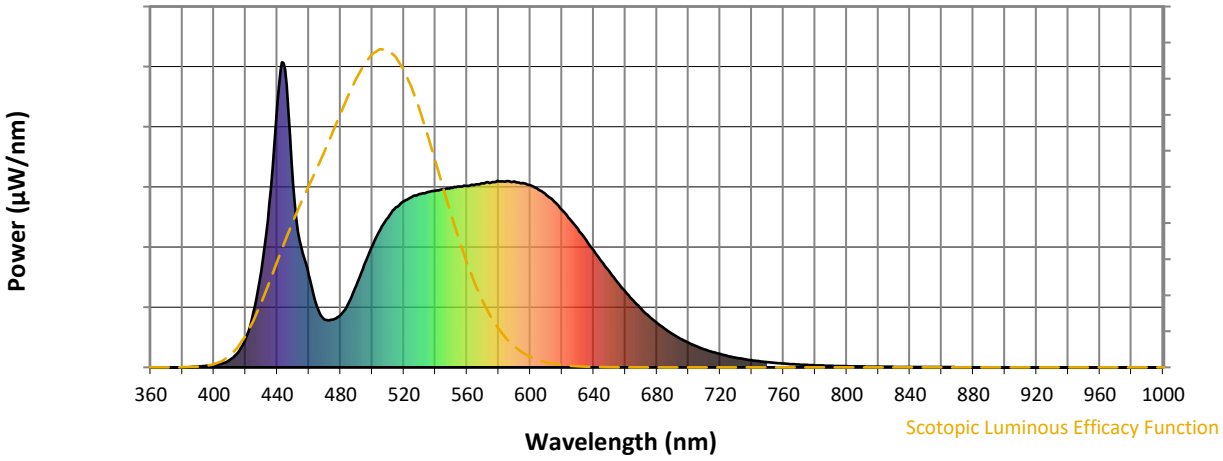


Photopic Lumens: NR

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

Scotopic Flux vs. Wavelength

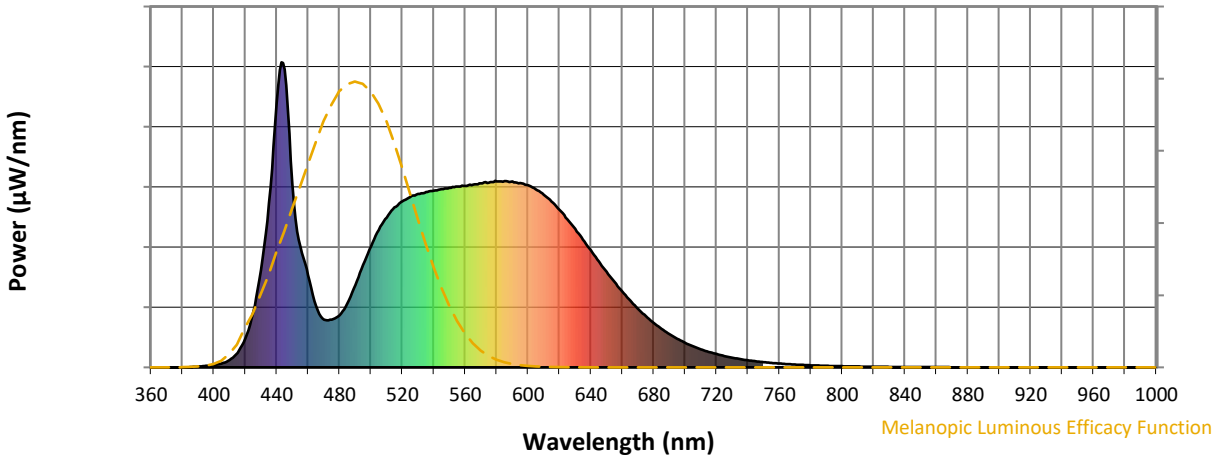


Scotopic Lumens: NR **S/P: 1.83**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.74**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

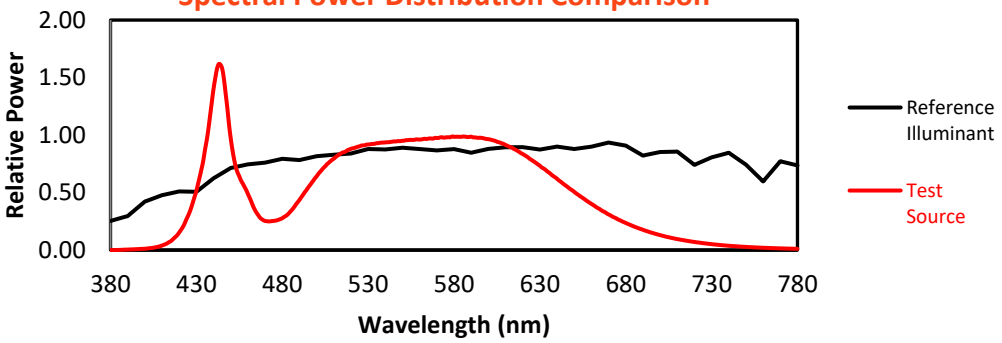
REPORT NUMBER: SP1-2407-184-12

TM-30-18

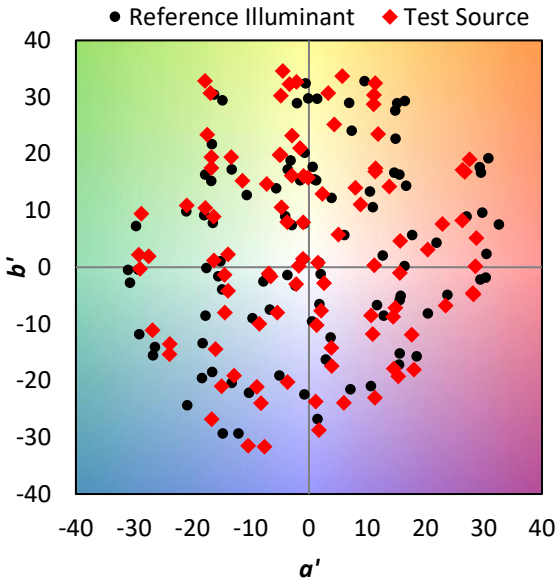
Summary

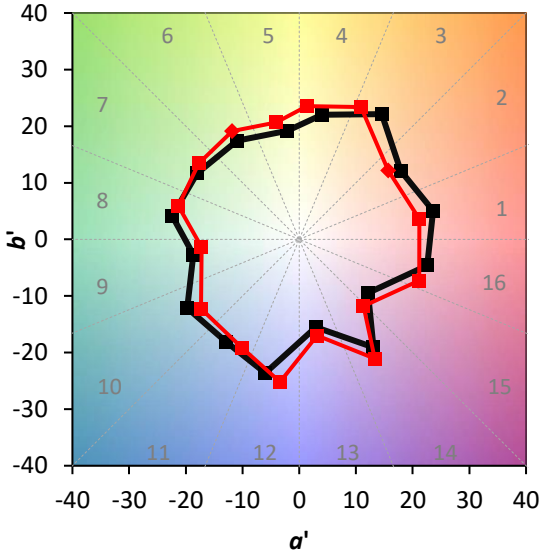
R_f = 82
R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

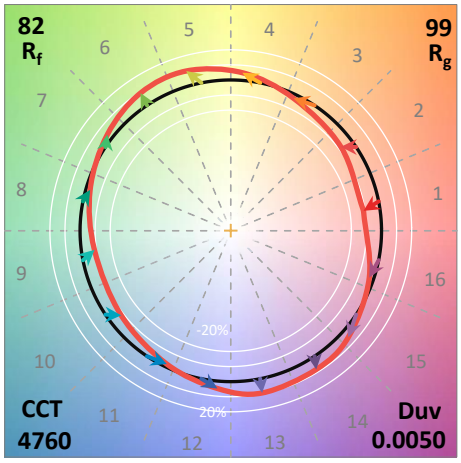
Spectral Power Distribution Comparison

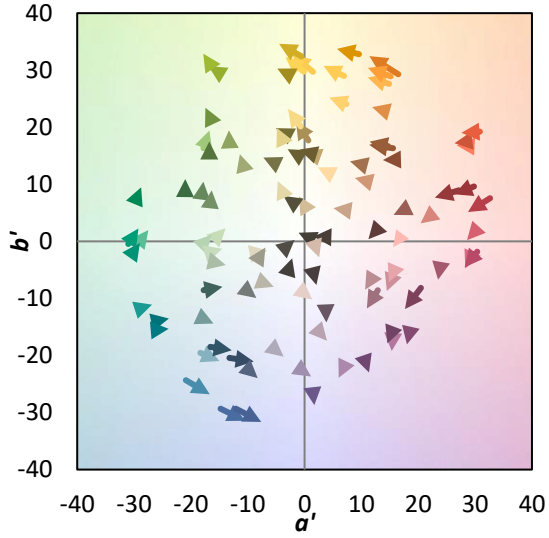


Color Vector Graphics







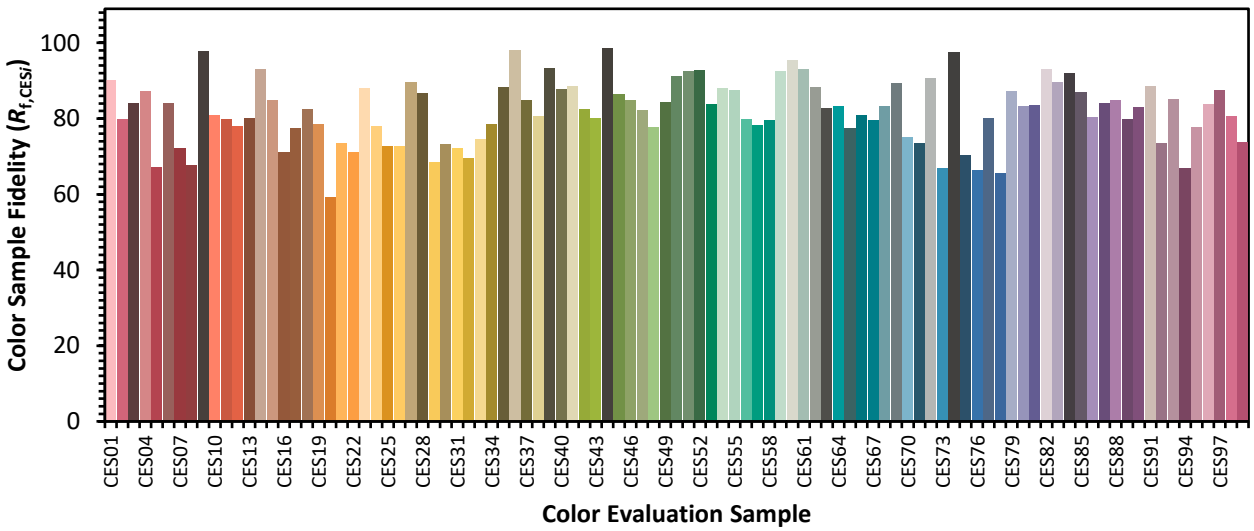


REPORT NUMBER: SP1-2407-184-12

TM-30-18

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

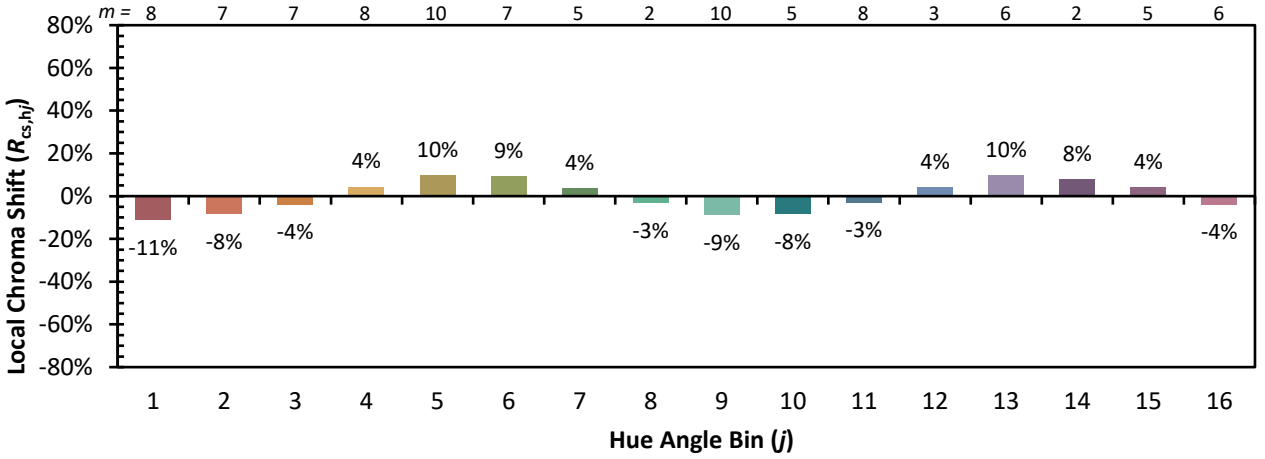
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	

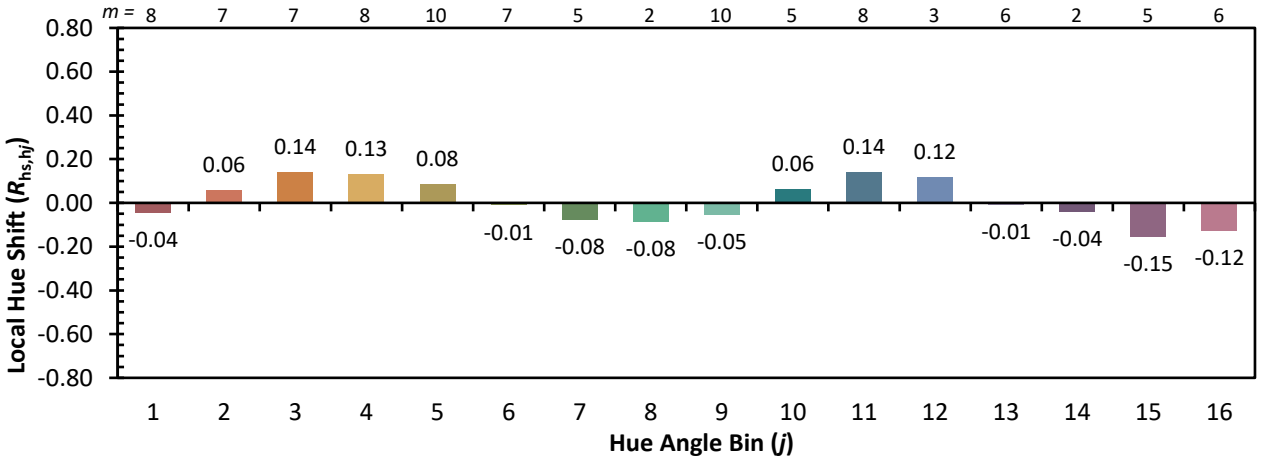


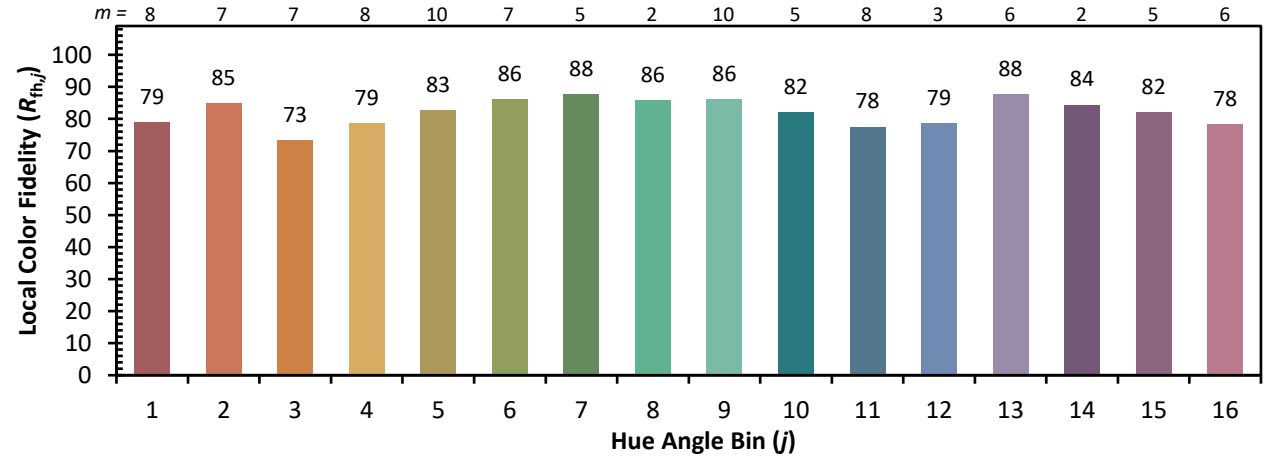
REPORT NUMBER: SP1-2407-184-12

TM-30-18

Color Rendition by Hue-Angle Bin



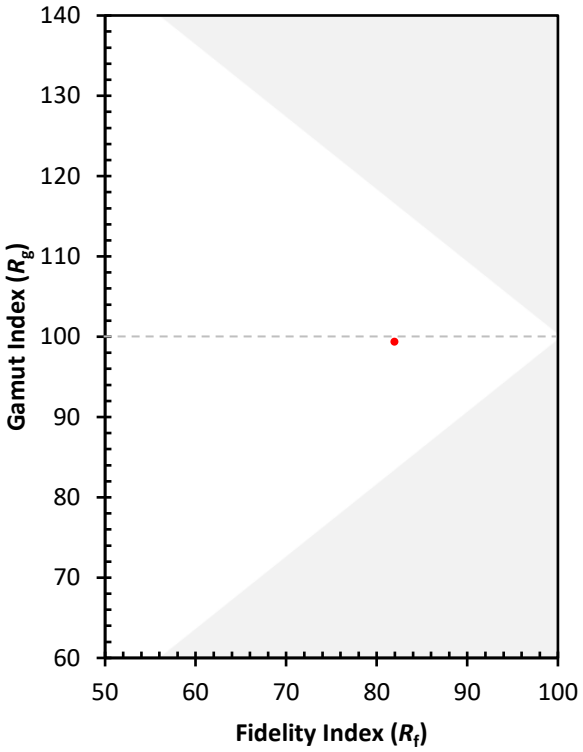


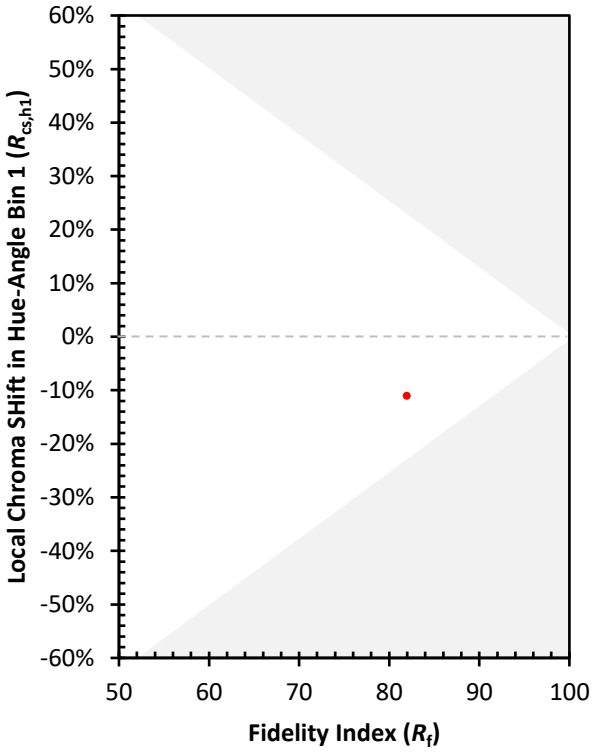


REPORT NUMBER: SP1-2407-184-12

TM-30-18

Measure Comparisons





(END OF REPORT)