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: P1048035

Luminaire Tested: **GALN-SA4C-850-U-T2BC**

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:	P1048035
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA4C-850-U-T2BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 4xLight Square PACKAGE 80CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(56) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20440.5 lumens
Efficiency:	N/A
Efficacy:	107.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B0 - U0 - G3

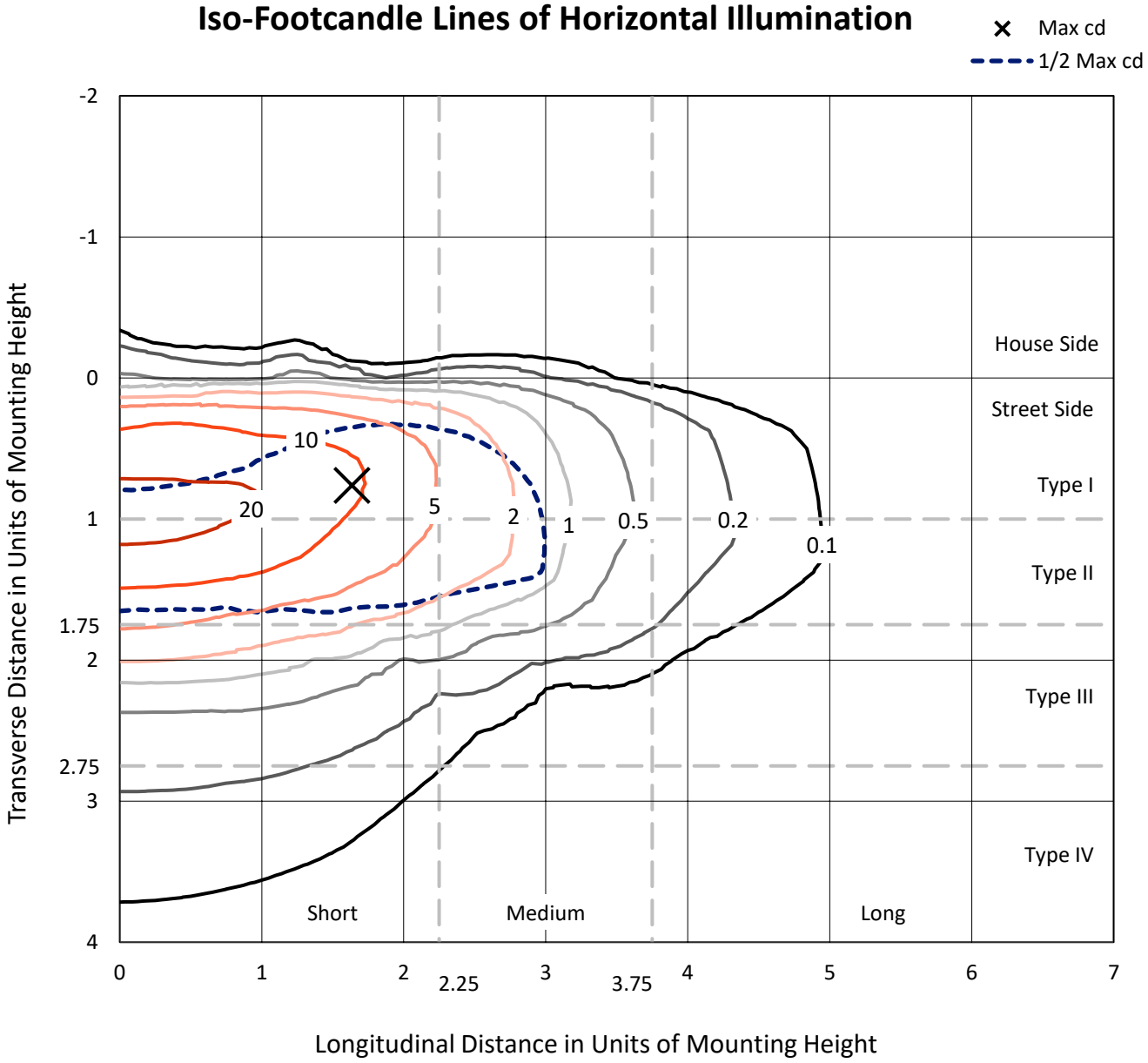
Input Watts (W):	190.4
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1048035
CATALOG NUMBER: GALN-SA4C-850-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



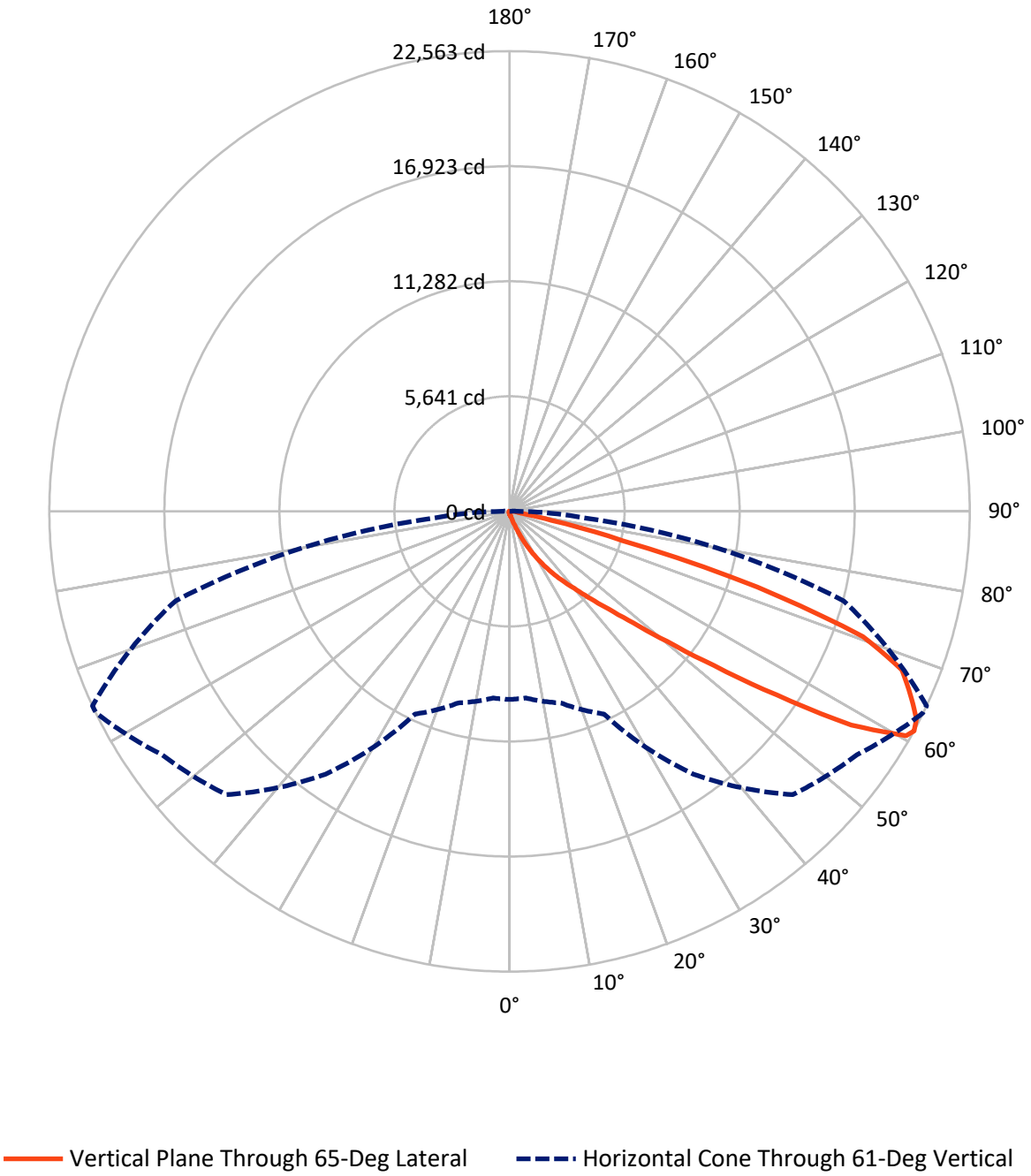
Based on 15 foot mounting height. Maximum calculated value = 27 fc
Type II - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1048035
CATALOG NUMBER: GALN-SA4C-850-U-T2BC

Luminous Intensity Polar Plot



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

Scaled Data Report

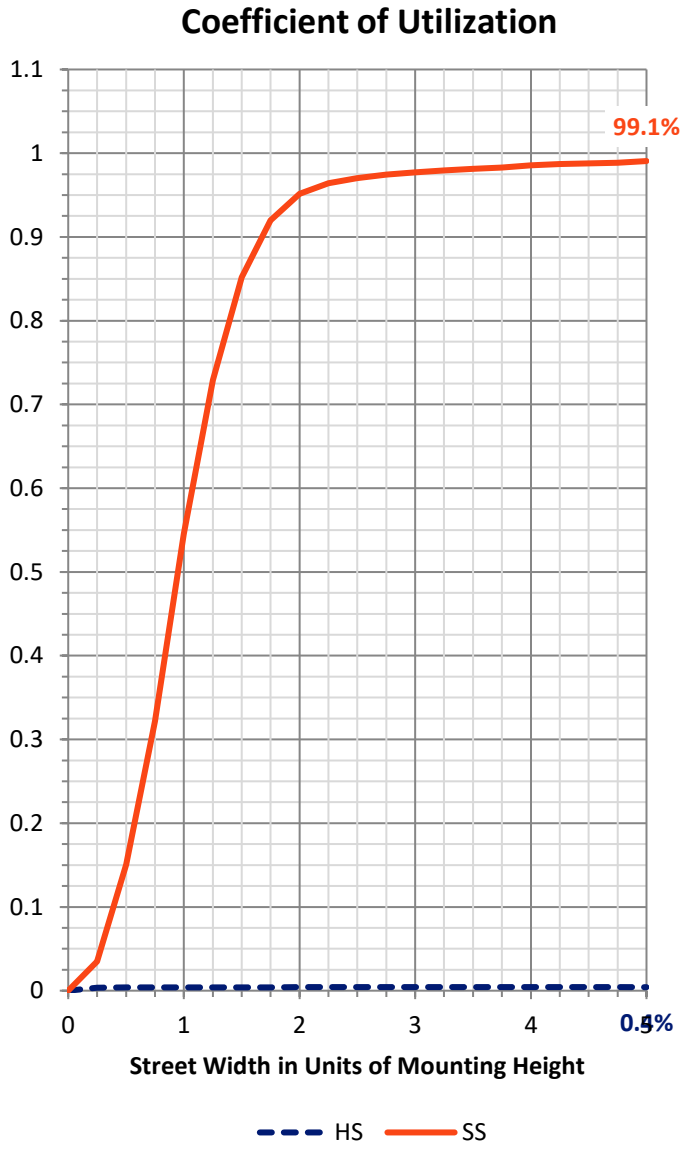
REPORT NUMBER: P1048035
CATALOG NUMBER: GALN-SA4C-850-U-T2BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	87.2	0.0	87.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	20353.2	0.0	20353.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	20440.5	0.0	20440.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.9	0.1
10°-20°	168.1	0.8
20°-30°	603.2	3.0
30°-40°	1606.0	7.9
40°-50°	4219.0	20.6
50°-60°	6536.1	32.0
60°-70°	5480.4	26.8
70°-80°	1612.8	7.9
80°-90°	198.9	1.0
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°	20440.5	100.0
0°-180°	20440.5	100.0



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

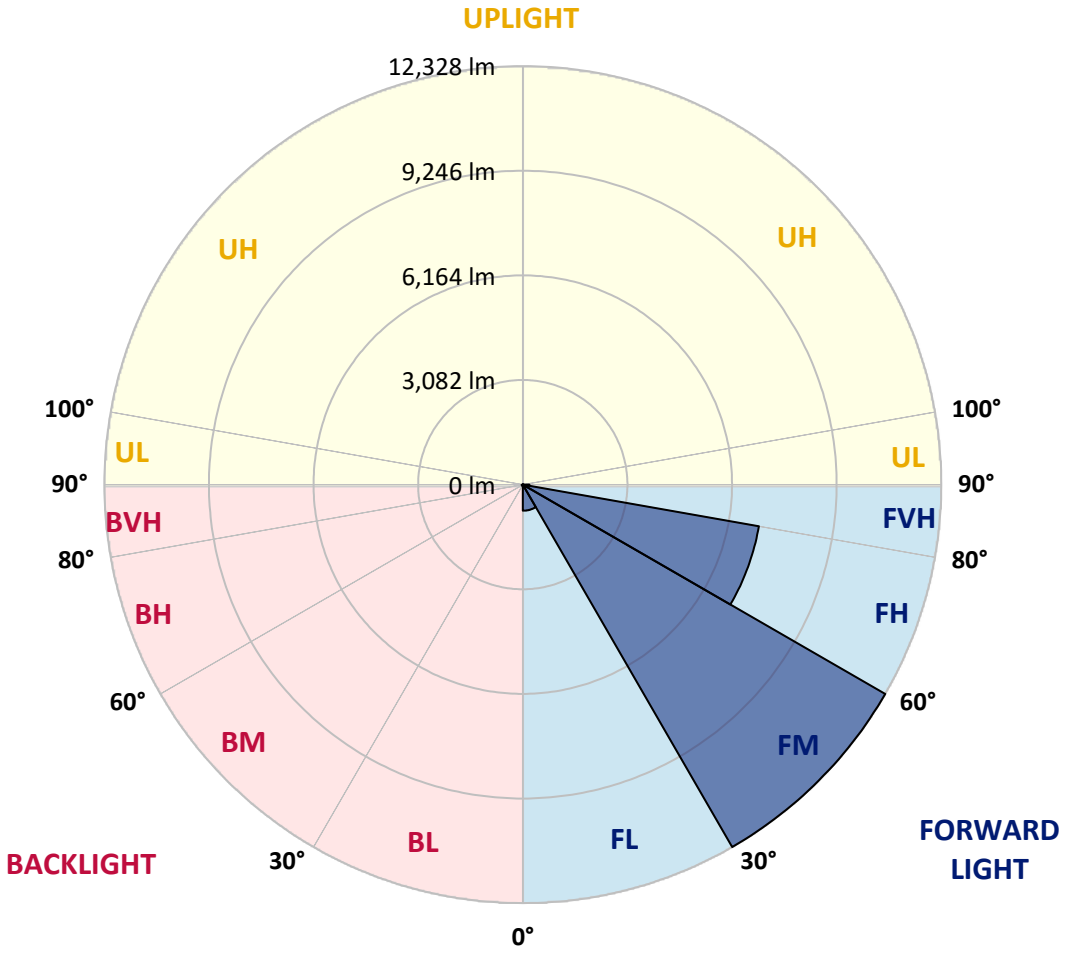
Scaled Data Report

REPORT NUMBER: P1048035
CATALOG NUMBER: GALN-SA4C-850-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	767.6	3.8			
FM	(30°-60°)	12327.9	60.3			
FH	(60°-80°)	7062.4	34.6			G3/7500
FVH	(80°-90°)	195.3	1.0			G2/225
BL	(0°-30°)	19.6	0.1	B0/110		
BM	(30°-60°)	33.2	0.2	B0/220		
BH	(60°-80°)	30.8	0.2	B0/110		G0/110
BVH	(80°-90°)	3.7	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3
Type II Short



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

Scaled Data Report

REPORT NUMBER: P1048035
CATALOG NUMBER: GALN-SA4C-850-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	*125.1*	125.1	125.1
2.5°	151.9	153.3	150.5	144.8	140.6	140.6	139.2	135.0	*135.0*	130.8	128.0
5°	212.3	209.5	203.9	192.6	182.8	172.9	163.1	153.3	*151.9*	139.2	130.8
7.5°	347.3	350.1	331.8	296.7	267.2	229.2	194.0	172.9	*170.1*	149.0	132.2
10°	762.1	741.0	698.8	562.4	462.6	348.7	258.7	201.1	*198.3*	160.3	135.0
12.5°	1389.2	1372.3	1295.0	1154.4	897.1	624.3	378.2	248.9	*240.4*	170.1	136.4
15°	2002.3	1975.5	1933.4	1791.4	1490.4	1119.2	618.7	340.3	*317.8*	184.2	135.0
17.5°	2393.2	2397.4	2359.4	2298.9	2104.9	1656.4	1068.6	507.6	*464.0*	209.5	132.2
20°	2734.8	2725.0	2746.1	2713.7	2577.4	2251.1	1555.1	804.3	*729.8*	250.3	133.6
22.5°	3128.5	3152.4	3167.9	3160.9	3010.4	2732.0	2107.7	1203.6	*1109.4*	324.8	137.8
25°	3655.8	3653.0	3654.4	3636.1	3489.9	3180.6	2661.7	1700.0	*1604.3*	445.7	147.6
27.5°	4208.4	4225.3	4232.3	4166.2	3975.0	3671.3	3174.9	2242.7	*2130.2*	639.8	160.3
30°	4963.5	4949.4	4917.1	4782.1	4550.1	4173.3	3681.1	2812.2	*2694.1*	911.1	180.0
32.5°	5981.5	5966.0	5802.9	5504.8	5157.5	4696.3	4190.1	3383.0	*3239.6*	1250.0	206.7
35°	7658.9	7682.8	7282.1	6510.2	5887.3	5324.8	4754.0	3951.1	*3824.5*	1667.6	243.3
37.5°	10227.9	10097.1	9552.9	8189.0	6847.6	6109.4	5292.5	4524.8	*4415.1*	2182.2	291.1
40°	12723.7	12594.3	12436.8	11144.6	8516.7	6974.2	6046.2	5198.3	*5056.3*	2763.0	361.4
42.5°	15347.4	15275.7	15268.7	14294.3	11562.2	8333.9	6953.1	5987.1	*5866.2*	3399.9	476.7
45°	17206.3	17134.5	17285.0	17455.1	15710.2	11247.3	8532.1	7012.1	*6836.4*	4173.3	660.9
47.5°	17456.5	17459.4	17861.5	18394.4	18792.3	15753.8	10635.6	8370.4	*8156.7*	5279.8	970.2
50°	16624.1	16656.5	17296.2	18249.6	19321.0	19534.7	14344.9	10341.8	*10025.4*	6591.7	1408.9
52.5°	15039.5	15076.0	15967.5	17535.3	18834.5	20443.1	18712.2	12920.5	*12556.3*	8228.4	2027.6
55°	13612.3	13634.8	14657.0	16638.2	18248.2	19949.5	21305.0	16364.0	*15885.9*	10241.9	2637.8
57.5°	12199.2	12147.2	12812.2	15080.3	18148.3	19343.5	21687.4	20288.4	*19761.1*	12442.4	3113.1
60°	10309.4	10222.2	10756.5	12199.2	16835.0	19741.4	20971.7	22459.4	*22339.9*	15506.3	3480.1
61°	*9222.5*	*9185.9*	*9723.1*	*10960.4*	*15729.9*	*19640.2*	*20800.2*	*22550.8*	*22563.4*	*16956.0*	*3644.6*
62.5°	6586.1	6690.1	7511.3	9119.9	13175.0	18983.5	20822.7	22268.2	*22393.3*	18882.3	4070.6
65°	2927.5	3094.8	3733.2	5042.2	7661.8	15791.7	20623.0	21648.1	*21586.2*	19411.0	5538.6
67.5°	1736.5	1761.8	2079.6	2857.2	4058.0	8494.2	18199.0	20828.3	*20745.4*	16898.3	6891.2
70°	1368.1	1380.8	1482.0	1792.8	2355.2	3253.7	10386.7	18020.4	*18381.7*	13702.3	6746.4
72.5°	1297.8	1295.0	1309.1	1363.9	1483.4	1614.2	4021.4	11978.4	*12713.8*	9867.9	5656.7
75°	1280.9	1275.3	1261.3	1240.2	1074.2	950.5	1245.8	5298.1	*5724.2*	6742.2	4259.0
77.5°	1243.0	1244.4	1247.2	1189.5	921.0	672.1	603.2	1700.0	*2090.8*	4278.7	3027.3
80°	840.8	853.5	874.6	852.1	828.2	486.5	426.0	604.6	*613.1*	2401.6	1999.5
82.5°	426.0	426.0	416.2	371.2	320.6	316.4	338.9	438.7	*444.3*	1214.9	940.7
85°	257.3	271.4	277.0	251.7	230.6	212.3	258.7	348.7	*361.4*	471.0	219.3
87.5°	57.6	59.1	64.7	85.8	125.1	170.1	240.4	319.2	*324.8*	302.3	26.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1048035
CATALOG NUMBER: GALN-SA4C-850-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1
2.5°	126.5	123.7	122.3	118.1	113.9	109.7	106.9	105.5	106.9	108.3	108.3
5°	125.1	120.9	113.9	106.9	101.2	95.6	90.0	88.6	88.6	90.0	90.0
7.5°	125.1	118.1	108.3	99.8	91.4	83.0	78.7	75.9	77.3	77.3	77.3
10°	125.1	116.7	104.1	91.4	81.6	71.7	64.7	61.9	61.9	61.9	61.9
12.5°	123.7	115.3	99.8	84.4	70.3	59.1	50.6	46.4	47.8	47.8	47.8
15°	120.9	111.1	94.2	71.7	56.2	45.0	36.6	32.3	33.7	36.6	38.0
17.5°	116.7	106.9	84.4	60.5	45.0	33.7	25.3	22.5	23.9	28.1	28.1
20°	115.3	102.6	74.5	49.2	33.7	23.9	16.9	14.1	15.5	21.1	22.5
22.5°	115.3	99.8	67.5	40.8	25.3	15.5	9.8	5.6	5.6	9.8	9.8
25°	116.7	98.4	61.9	33.7	18.3	11.2	5.6	2.8	5.6	15.5	18.3
27.5°	119.5	97.0	59.1	28.1	14.1	9.8	4.2	9.8	16.9	16.9	16.9
30°	122.3	94.2	54.8	23.9	12.7	7.0	7.0	14.1	14.1	16.9	18.3
32.5°	126.5	92.8	52.0	21.1	9.8	5.6	9.8	8.4	8.4	9.8	11.2
35°	135.0	94.2	49.2	21.1	9.8	7.0	8.4	4.2	2.8	2.8	2.8
37.5°	146.2	95.6	45.0	18.3	8.4	8.4	4.2	0.0	0.0	0.0	0.0
40°	164.5	99.8	42.2	16.9	7.0	7.0	1.4	0.0	0.0	0.0	0.0
42.5°	195.4	108.3	40.8	15.5	7.0	5.6	0.0	0.0	0.0	0.0	0.0
45°	257.3	128.0	38.0	14.1	7.0	2.8	0.0	0.0	0.0	0.0	0.0
47.5°	369.8	174.4	36.6	11.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0
50°	539.9	236.2	35.2	9.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	689.0	248.9	23.9	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	705.9	171.5	18.3	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	562.4	111.1	15.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	426.0	84.4	14.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	*409.2*	*75.9*	*14.1*	*1.4*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	451.4	66.1	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	734.0	54.8	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1275.3	47.8	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1611.4	45.0	8.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1404.7	40.8	8.4	2.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0
75°	845.1	35.2	8.4	5.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	442.9	26.7	8.4	7.0	4.2	1.4	0.0	0.0	0.0	0.0	0.0
80°	215.1	23.9	9.8	7.0	5.6	2.8	0.0	0.0	0.0	0.0	0.0
82.5°	84.4	19.7	11.2	9.8	7.0	4.2	1.4	0.0	0.0	0.0	0.0
85°	38.0	16.9	12.7	11.2	9.8	5.6	1.4	0.0	0.0	0.0	0.0
87.5°	19.7	15.5	14.1	12.7	9.8	7.0	2.8	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

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

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

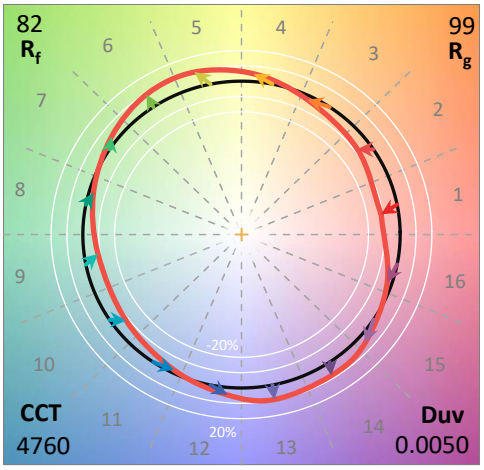
Test Information

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

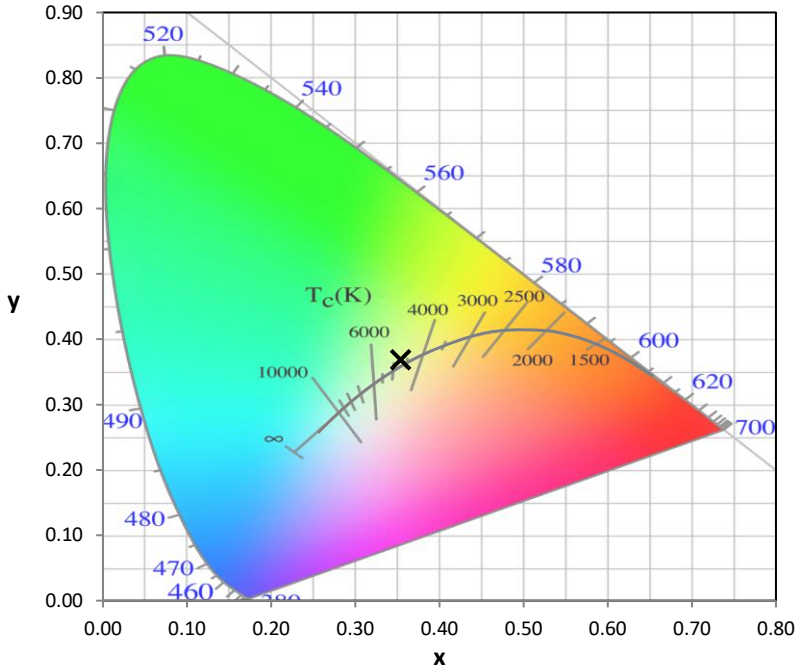
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-12

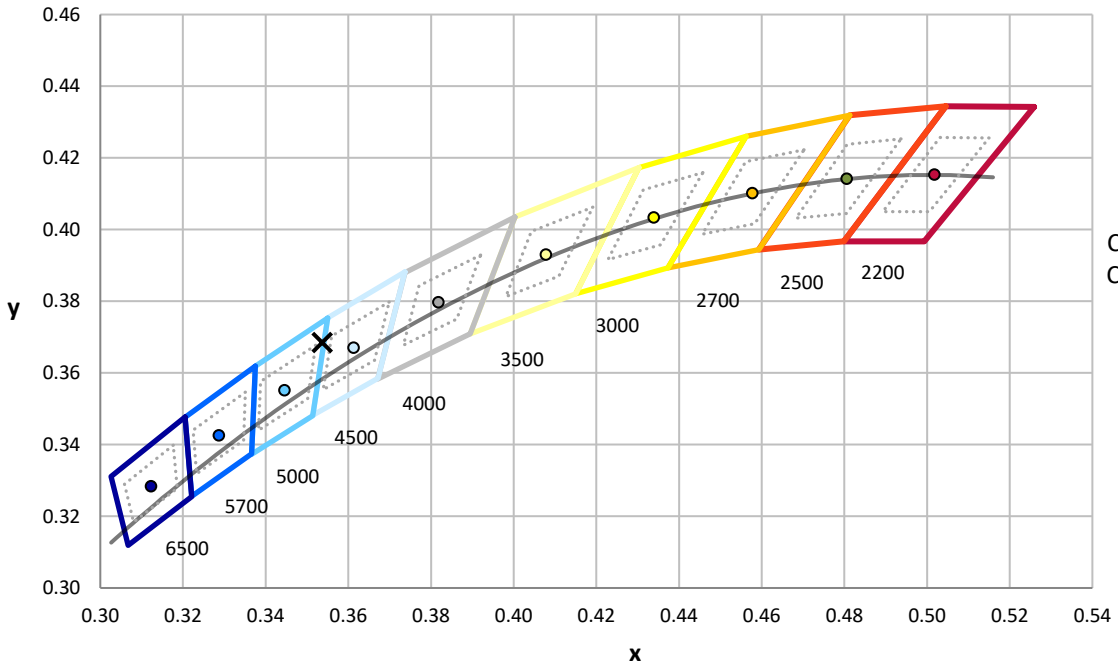
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

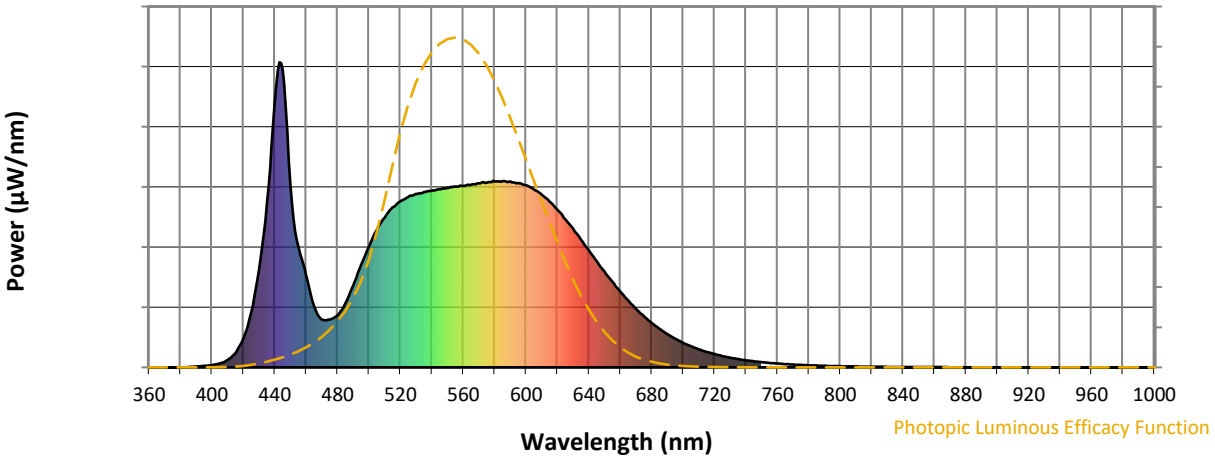


CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

Photopic Flux vs. Wavelength

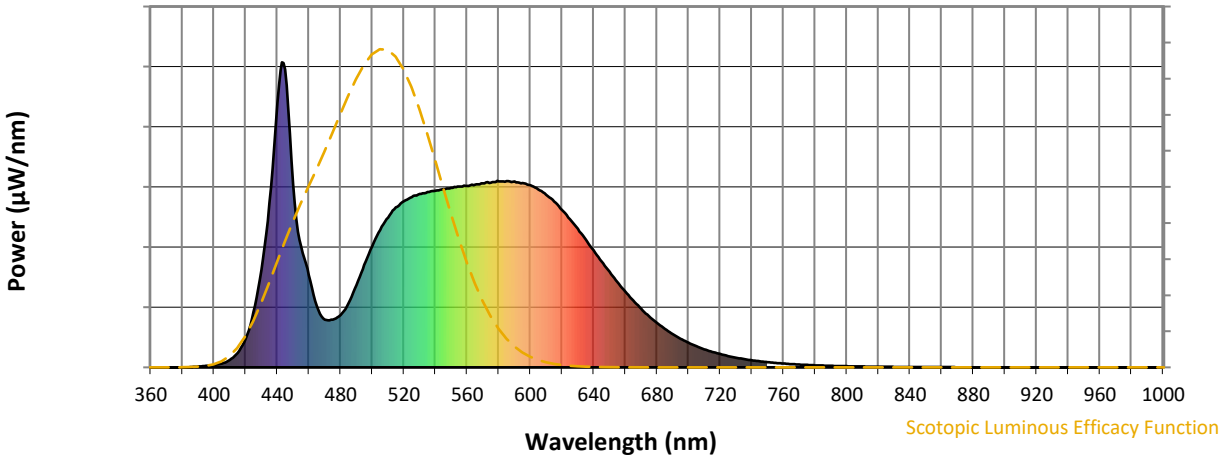


Photopic Lumens: NR

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

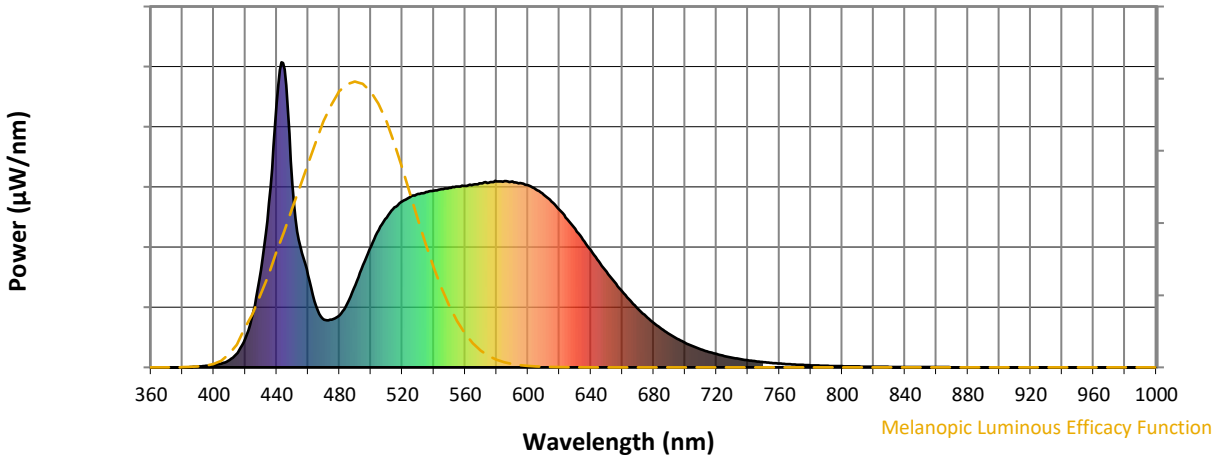


Scotopic Lumens: NR **S/P: 1.83**

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			

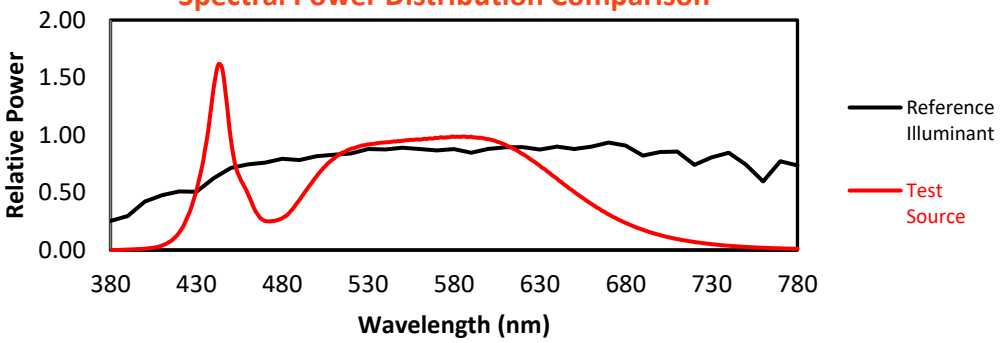
REPORT NUMBER: SP1-2407-184-12

TM-30-18

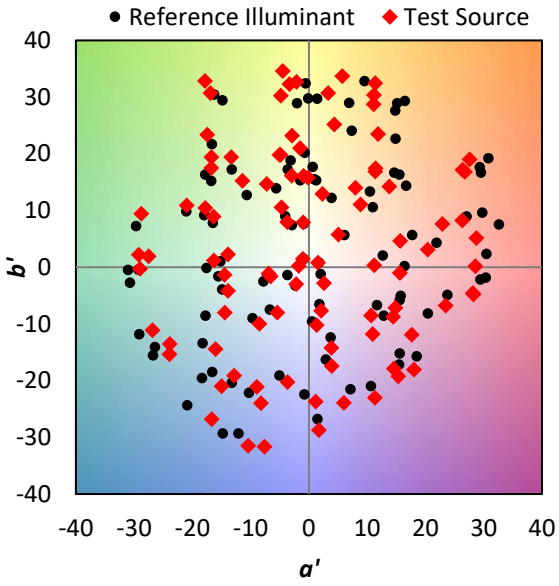
Summary

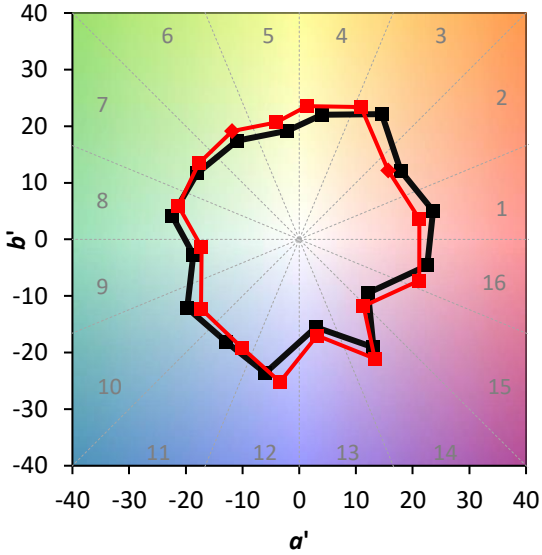
R_f = 82
R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

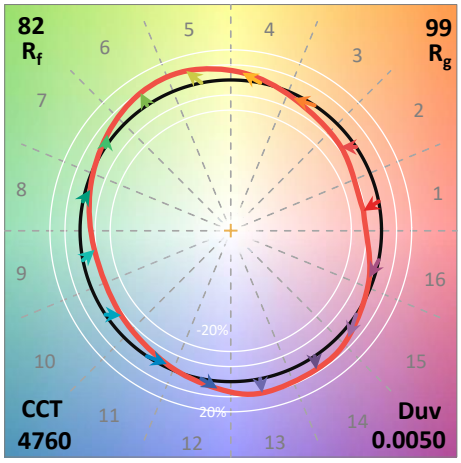
Spectral Power Distribution Comparison

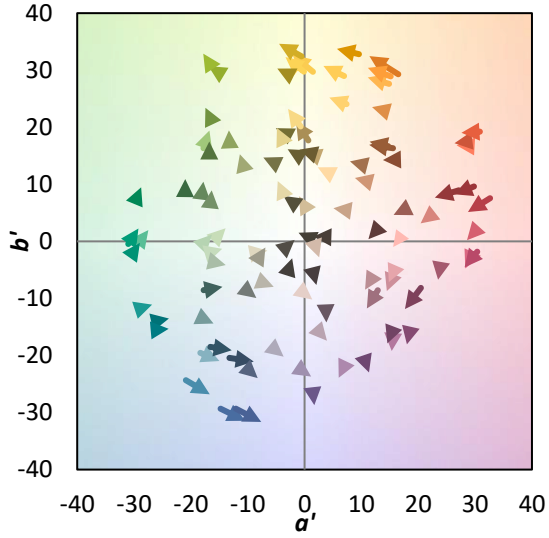


Color Vector Graphics







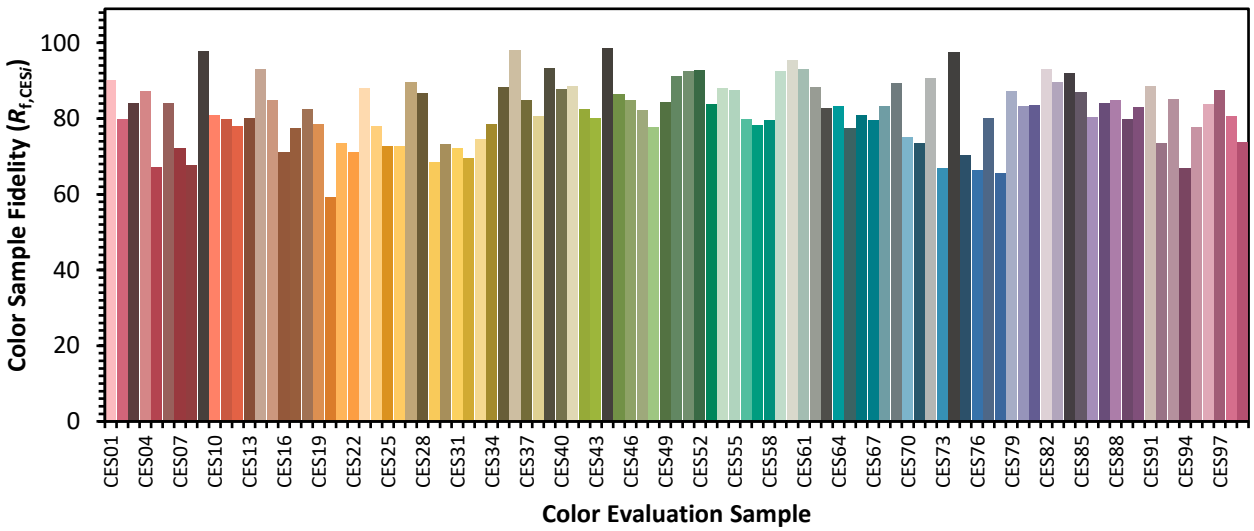


REPORT NUMBER: SP1-2407-184-12

TM-30-18

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

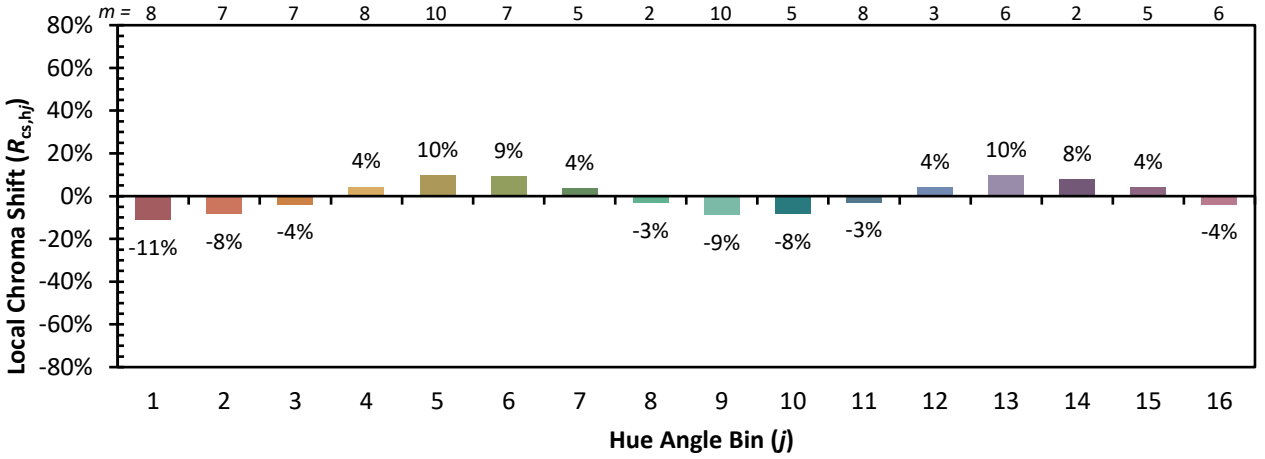
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 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	

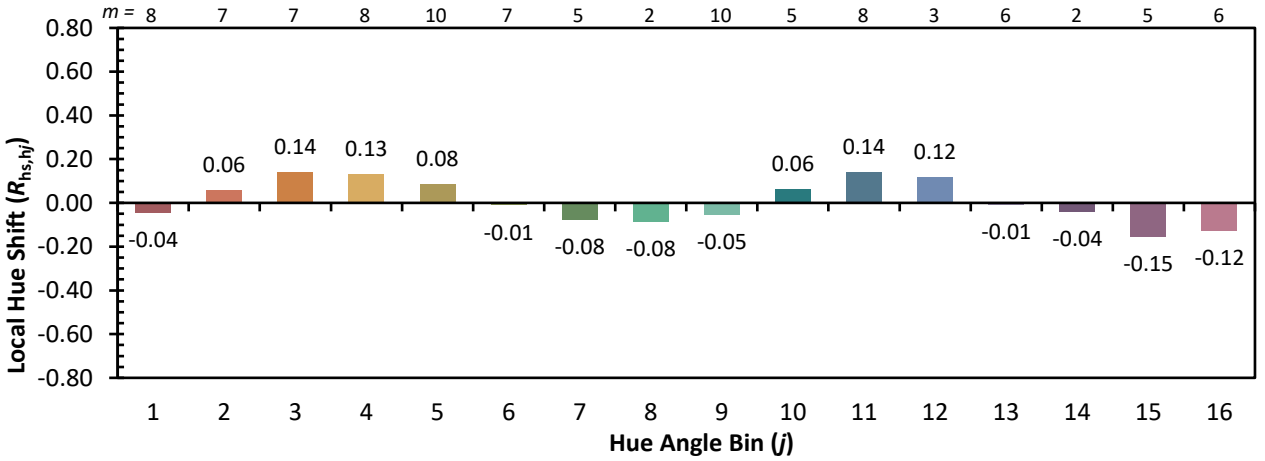


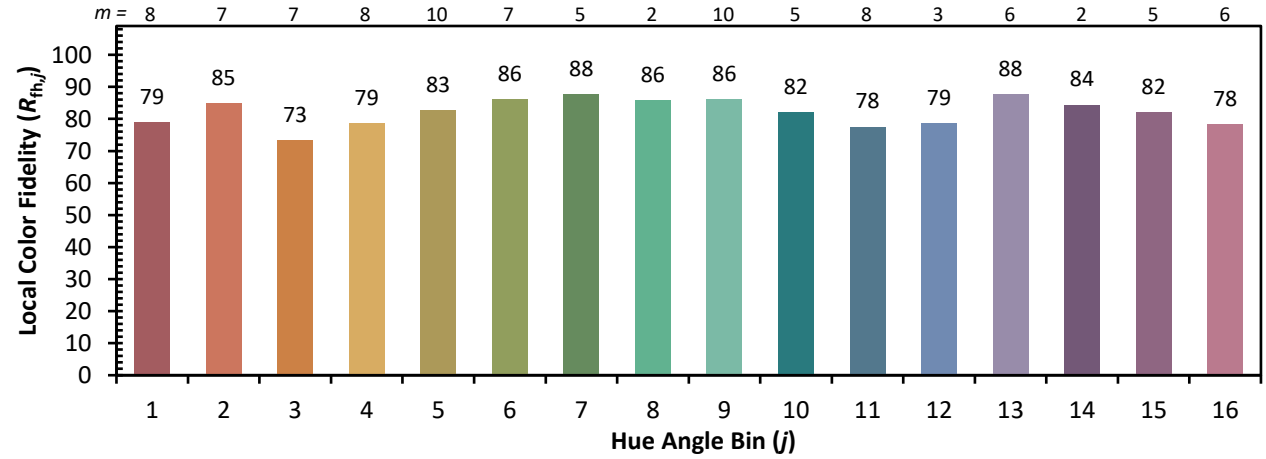
REPORT NUMBER: SP1-2407-184-12

TM-30-18

Color Rendition by Hue-Angle Bin



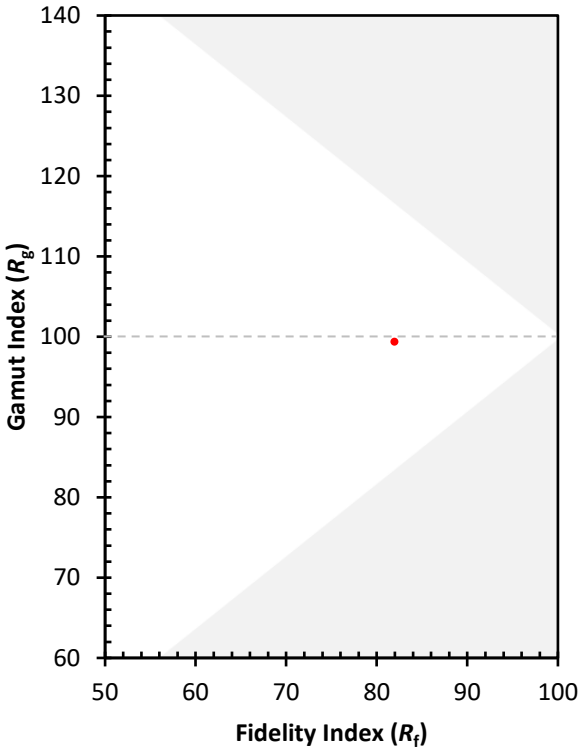


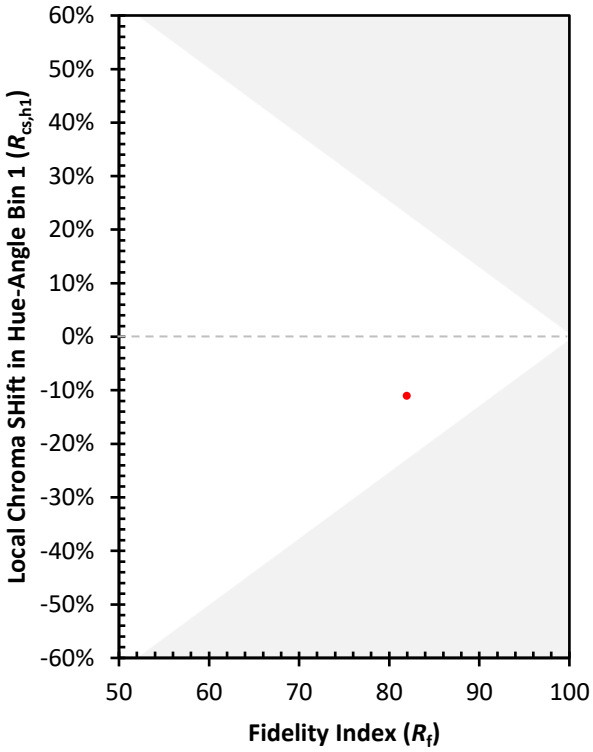


REPORT NUMBER: SP1-2407-184-12

TM-30-18

Measure Comparisons





(END OF REPORT)