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: P1047330

Luminaire Tested: **GALN-SA8B-830-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:	P1047330
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA8B-830-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 8xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(112) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	33668.9 lumens
Efficiency:	N/A
Efficacy:	119.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G5

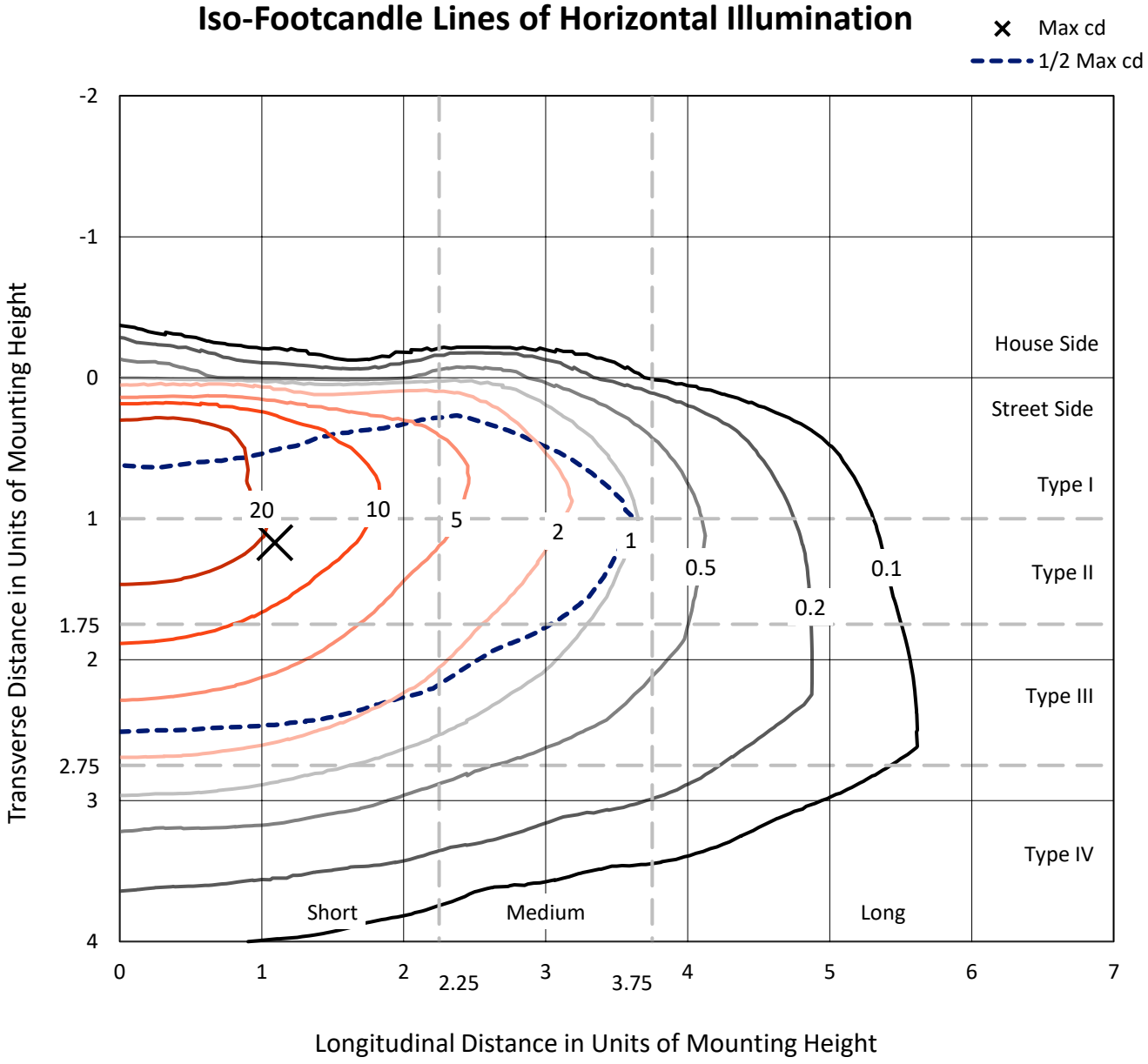
Input Watts (W):	282.8
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1047330
CATALOG NUMBER: GALN-SA8B-830-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



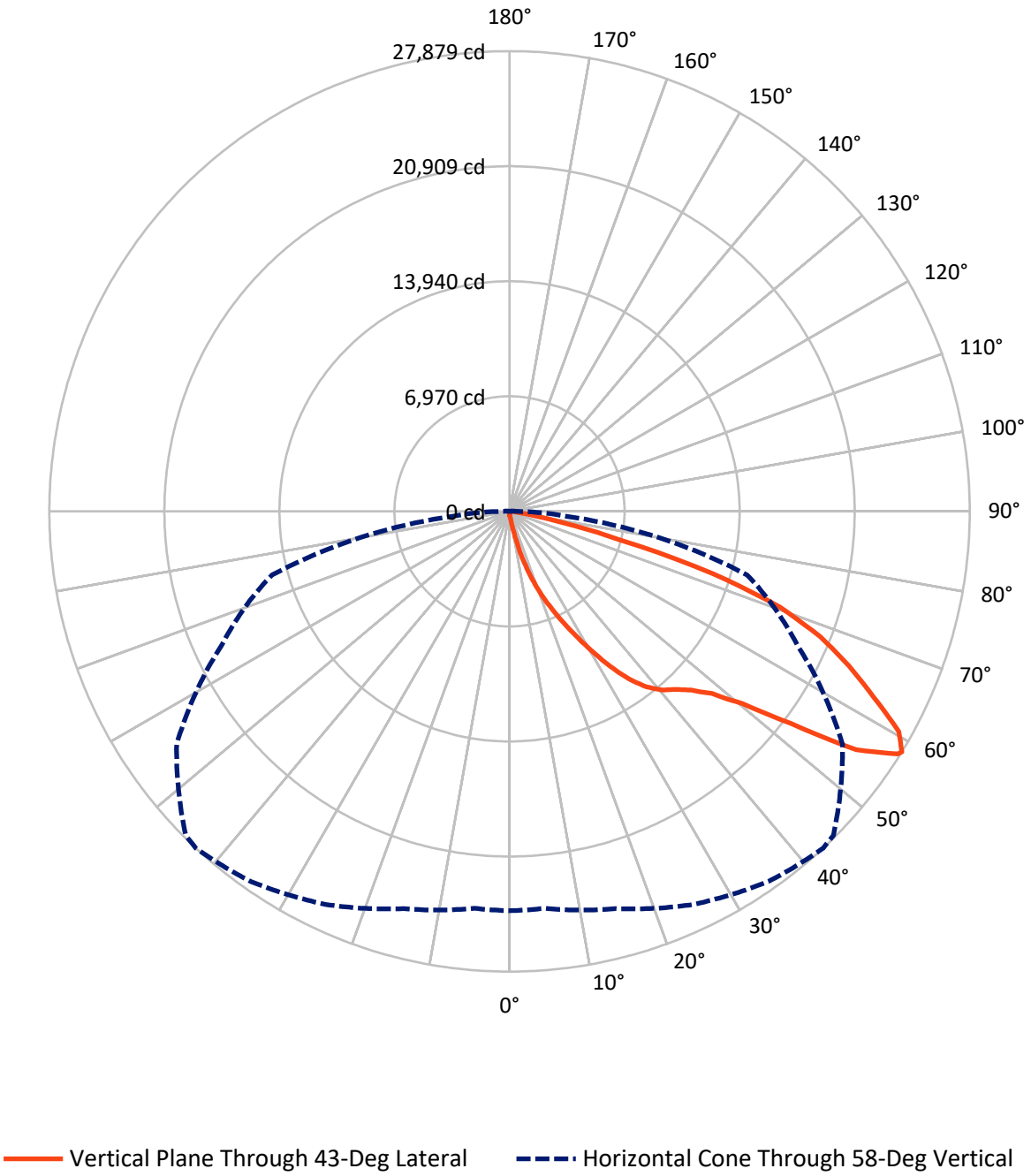
Based on 15 foot mounting height. Maximum calculated value = 37.8 fc
Type III - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1047330
CATALOG NUMBER: GALN-SA8B-830-U-T3BC

Luminous Intensity Polar Plot



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

Scaled Data Report

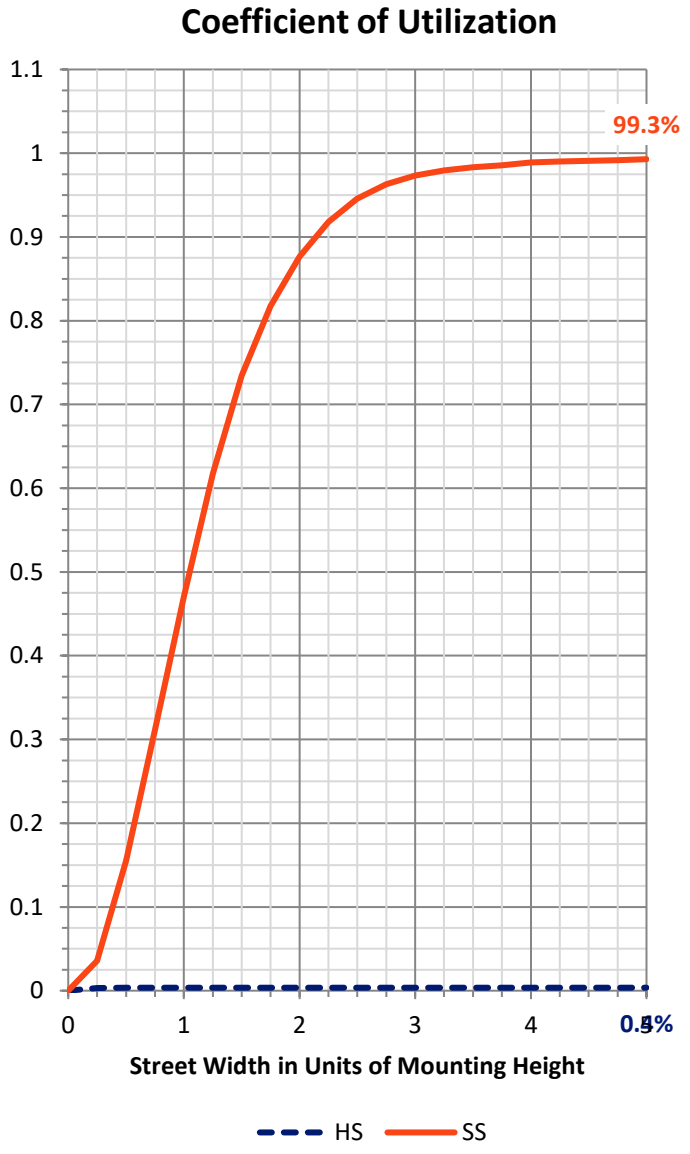
REPORT NUMBER: P1047330
CATALOG NUMBER: GALN-SA8B-830-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	122.9	0.0	122.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	33546.0	0.0	33546.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	33668.9	0.0	33668.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.3	0.1
10°-20°	387.0	1.1
20°-30°	1394.9	4.1
30°-40°	3191.6	9.5
40°-50°	5383.0	16.0
50°-60°	8883.2	26.4
60°-70°	9928.2	29.5
70°-80°	4099.2	12.2
80°-90°	369.5	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°	33668.9	100.0
0°-180°	33668.9	100.0



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

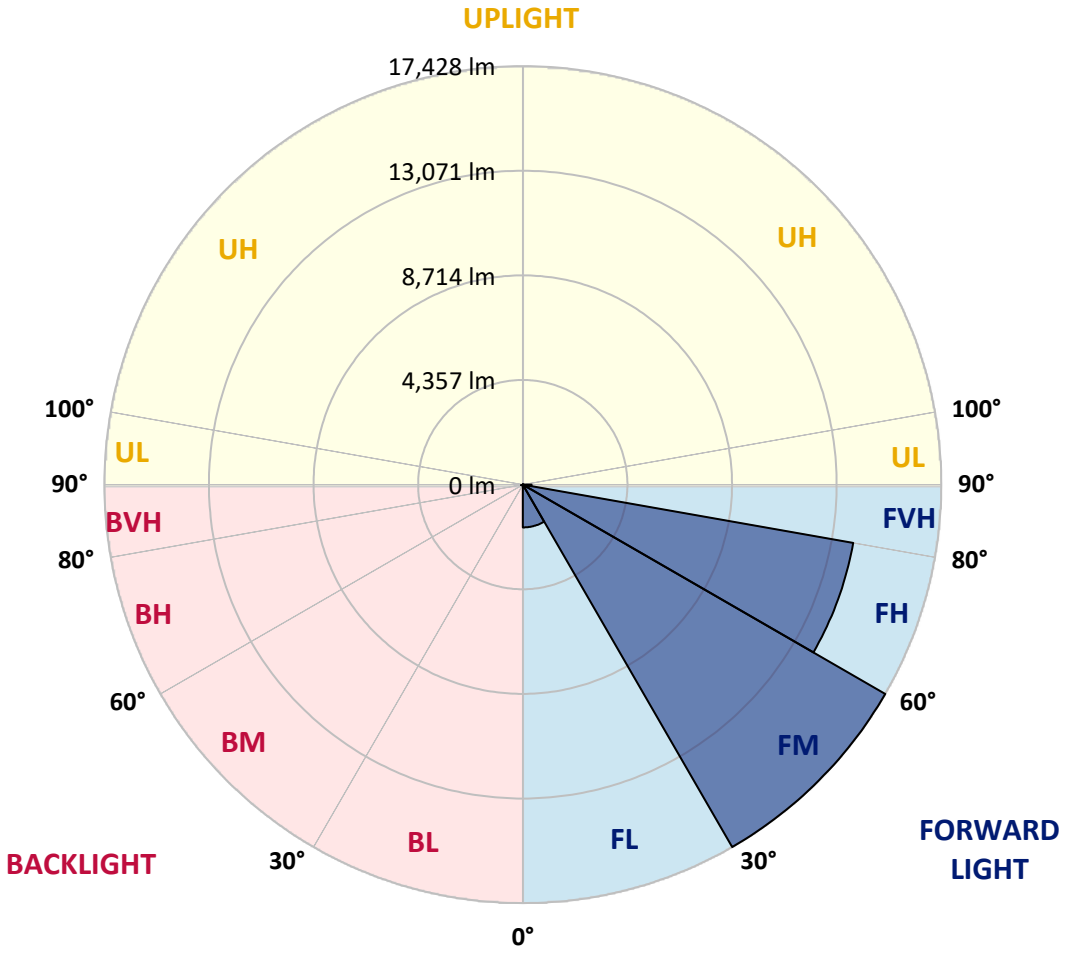
Scaled Data Report

REPORT NUMBER: P1047330
CATALOG NUMBER: GALN-SA8B-830-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1782.2	5.3			
FM	(30°-60°)	17428.3	51.8			
FH	(60°-80°)	13971.0	41.5			G5
FVH	(80°-90°)	364.5	1.1			G3/500
BL	(0°-30°)	32.1	0.1	B0/110		
BM	(30°-60°)	29.5	0.1	B0/220		
BH	(60°-80°)	56.3	0.2	B0/110		G0/110
BVH	(80°-90°)	5.1	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-G5
Type III Short



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

Scaled Data Report

REPORT NUMBER: P1047330
CATALOG NUMBER: GALN-SA8B-830-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	220.1	220.1	220.1	220.1	220.1	*220.1*	220.1	220.1	220.1	220.1	220.1
2.5°	264.2	273.0	264.2	264.2	264.2	*255.4*	255.4	246.6	246.6	237.8	229.0
5°	387.5	387.5	361.0	343.4	325.8	*317.0*	308.2	290.6	273.0	255.4	237.8
7.5°	863.0	863.0	783.7	678.0	537.2	*457.9*	440.3	361.0	308.2	273.0	237.8
10°	2060.6	2060.6	1884.4	1593.9	1232.8	*915.8*	818.9	519.5	369.8	290.6	246.6
12.5°	3425.5	3469.5	3249.3	2879.5	2342.3	*1787.6*	1593.9	951.0	493.1	317.0	246.6
15°	4649.5	4543.8	4482.2	4129.9	3619.2	*2958.8*	2712.2	1602.7	713.3	361.0	246.6
17.5°	5477.2	5477.2	5389.2	5151.4	4684.7	*4103.5*	3901.0	2588.9	1153.6	413.9	255.4
20°	6445.9	6445.9	6287.4	6120.0	5706.2	*5213.0*	5019.3	3680.8	1787.6	528.3	255.4
22.5°	7617.0	7634.6	7458.5	7159.1	6762.9	*6216.9*	6049.6	4693.5	2588.9	704.5	264.2
25°	9043.6	9061.2	8805.8	8524.0	7916.4	*7326.4*	7071.1	5855.9	3566.4	986.3	264.2
27.5°	10619.8	10743.1	10364.4	9880.1	9237.3	*8497.6*	8303.9	6903.8	4535.0	1391.3	281.8
30°	12583.5	12583.5	12081.6	11403.5	10707.9	*9792.1*	9545.5	8004.5	5565.3	1928.5	299.4
32.5°	14274.2	14142.1	13499.3	12786.0	12046.4	*11192.2*	10928.0	9158.1	6622.0	2597.7	334.6
35°	15568.7	15454.2	14661.7	13895.6	13252.8	*12469.0*	12152.0	10408.5	7740.3	3355.0	387.5
37.5°	16678.2	16634.2	15559.9	14600.0	14177.4	*13490.5*	13208.7	11588.5	8841.0	4174.0	449.1
40°	17893.4	17752.5	16607.8	15419.0	14785.0	*14230.2*	13974.8	12539.5	9897.7	5133.8	537.2
42.5°	18932.5	18765.2	17734.9	16572.6	15489.4	*14740.9*	14494.4	13340.8	10928.0	6093.6	651.6
45°	20086.1	19998.0	18958.9	18078.3	16634.2	*15436.6*	15110.8	13983.6	11870.2	7238.4	801.3
47.5°	21820.8	21662.3	20693.7	19971.6	18298.5	*16493.3*	16026.6	14644.1	12777.2	8365.5	1030.3
50°	23837.4	23731.7	23159.3	22586.9	20922.6	*18298.5*	17743.7	15595.1	13789.9	9704.0	1329.7
52.5°	25484.0	25466.4	25536.9	25545.7	24286.4	*21336.5*	20508.8	17127.3	14952.3	11024.9	1752.4
55°	25448.8	25528.1	26303.0	27192.4	27289.2	*25484.0*	24682.7	19707.4	16466.9	12654.0	2342.3
57.5°	24497.8	24436.1	25255.1	26593.6	27535.8	*27729.5*	27597.4	23714.1	18747.6	14617.7	3249.3
58°	*24189.6*	*24136.7*	*24911.7*	*26276.6*	*27359.7*	*27879.2*	*27747.1*	*24621.1*	*19258.3*	*14899.4*	*3495.9*
60°	23071.2	23080.1	23538.0	24779.6	25862.7	*27095.5*	27218.8	27210.0	21803.2	16783.9	4737.5
62.5°	21591.9	21521.4	21944.1	22956.8	23907.8	*24735.5*	24946.9	27386.1	25528.1	19179.1	7106.3
65°	19548.9	19443.2	19892.3	21037.1	22058.6	*22595.7*	22604.5	25026.1	27280.4	21750.4	10487.7
67.5°	15753.6	15665.6	16563.7	18034.3	19610.6	*20315.0*	20632.0	21715.1	25801.0	23493.9	12425.0
70°	9651.2	9836.1	11086.5	13393.7	16088.2	*17382.7*	17858.2	18192.8	21970.5	23229.7	10390.9
72.5°	4455.7	4235.6	5301.1	6912.6	9985.8	*12865.3*	13358.4	14670.5	17417.9	20165.3	7749.1
75°	2078.2	1998.9	2245.5	3020.4	4526.2	*6947.8*	7846.0	11711.7	13358.4	14027.7	5591.7
77.5°	1065.5	1074.3	1276.8	1373.7	1866.8	*3214.1*	3689.6	7705.1	9792.1	7828.4	3751.3
80°	466.7	484.3	493.1	537.2	757.3	*1241.6*	1400.1	3575.2	6692.4	3989.0	2051.8
82.5°	299.4	308.2	308.2	308.2	361.0	*493.1*	563.6	1435.3	3337.4	1981.3	634.0
85°	158.5	158.5	176.1	220.1	255.4	*299.4*	317.0	457.9	1100.7	590.0	149.7
87.5°	88.1	96.9	105.7	132.1	167.3	*202.5*	220.1	317.0	422.7	405.1	35.2
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: P1047330
CATALOG NUMBER: GALN-SA8B-830-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	220.1	220.1	220.1	220.1	220.1	220.1	220.1	220.1	220.1	220.1	220.1
2.5°	229.0	220.1	211.3	202.5	193.7	184.9	184.9	184.9	184.9	184.9	184.9
5°	220.1	211.3	202.5	184.9	167.3	158.5	149.7	140.9	140.9	140.9	140.9
7.5°	220.1	211.3	184.9	167.3	149.7	132.1	114.5	114.5	114.5	114.5	114.5
10°	220.1	202.5	176.1	149.7	123.3	105.7	96.9	88.1	88.1	88.1	88.1
12.5°	220.1	193.7	167.3	132.1	105.7	88.1	79.3	70.4	70.4	70.4	70.4
15°	220.1	193.7	158.5	123.3	96.9	70.4	61.6	52.8	52.8	52.8	52.8
17.5°	211.3	184.9	149.7	105.7	79.3	52.8	44.0	35.2	35.2	44.0	44.0
20°	202.5	176.1	132.1	88.1	61.6	44.0	26.4	26.4	26.4	26.4	26.4
22.5°	202.5	176.1	123.3	79.3	52.8	26.4	17.6	17.6	17.6	17.6	26.4
25°	202.5	167.3	105.7	61.6	35.2	17.6	8.8	8.8	8.8	8.8	8.8
27.5°	202.5	167.3	96.9	52.8	26.4	17.6	8.8	0.0	0.0	0.0	0.0
30°	193.7	158.5	88.1	44.0	17.6	8.8	0.0	0.0	0.0	0.0	0.0
32.5°	193.7	149.7	70.4	35.2	17.6	8.8	0.0	0.0	0.0	0.0	0.0
35°	202.5	140.9	61.6	26.4	8.8	0.0	0.0	0.0	0.0	0.0	8.8
37.5°	211.3	132.1	52.8	17.6	8.8	0.0	0.0	0.0	0.0	0.0	0.0
40°	220.1	123.3	52.8	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	237.8	123.3	44.0	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	255.4	123.3	35.2	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	290.6	132.1	35.2	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	317.0	140.9	26.4	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	352.2	132.1	26.4	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	396.3	132.1	26.4	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	431.5	123.3	26.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*449.1*	*114.5*	*17.6*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	537.2	105.7	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	836.6	88.1	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1699.5	79.3	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3170.1	70.4	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3548.7	79.3	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2236.7	61.6	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1180.0	61.6	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	590.0	61.6	8.8	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	273.0	44.0	8.8	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	114.5	26.4	17.6	8.8	8.8	0.0	0.0	0.0	0.0	0.0	0.0
85°	52.8	26.4	17.6	17.6	8.8	8.8	0.0	0.0	0.0	0.0	0.0
87.5°	26.4	26.4	26.4	17.6	17.6	8.8	8.8	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: SP1-2407-184-9

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

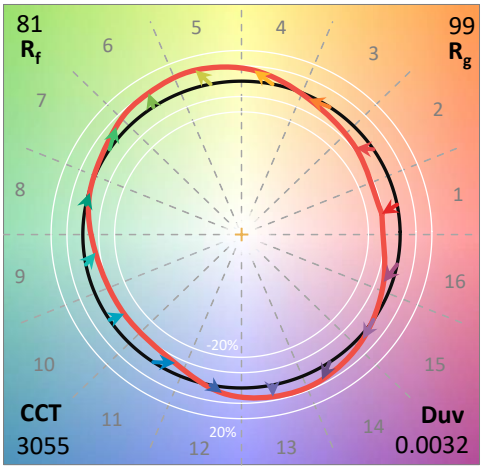
Test Information

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

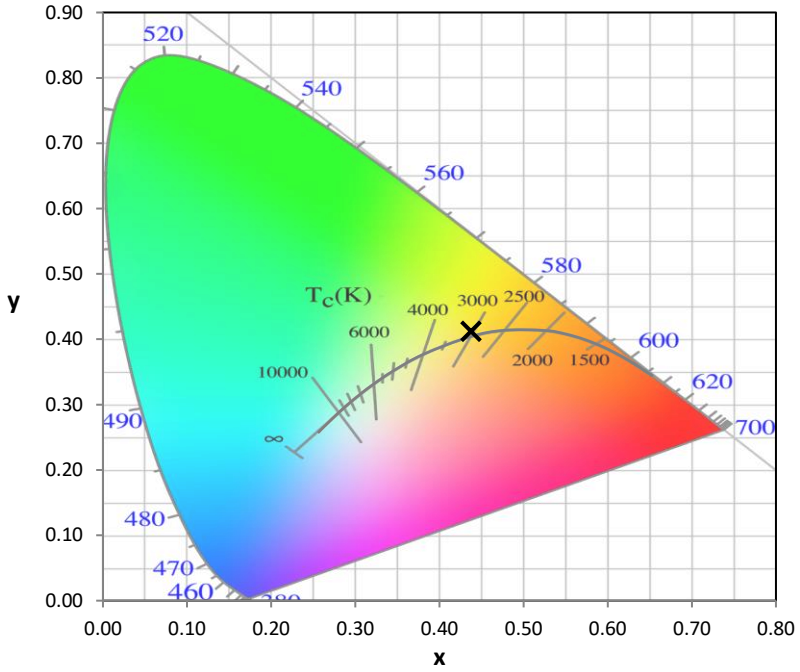
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

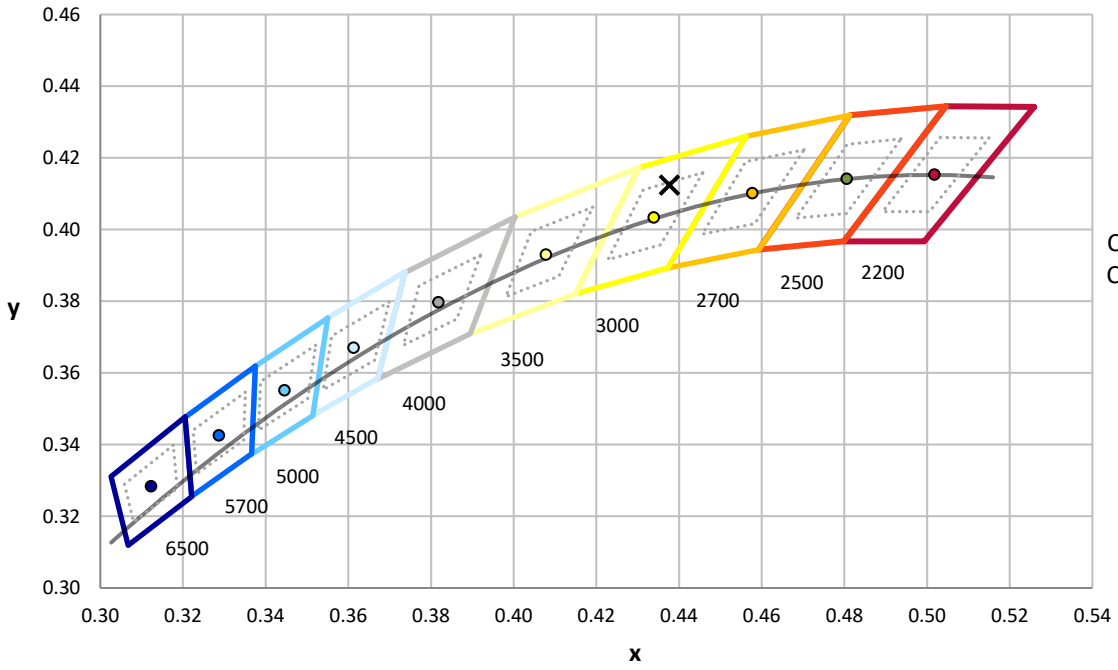
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

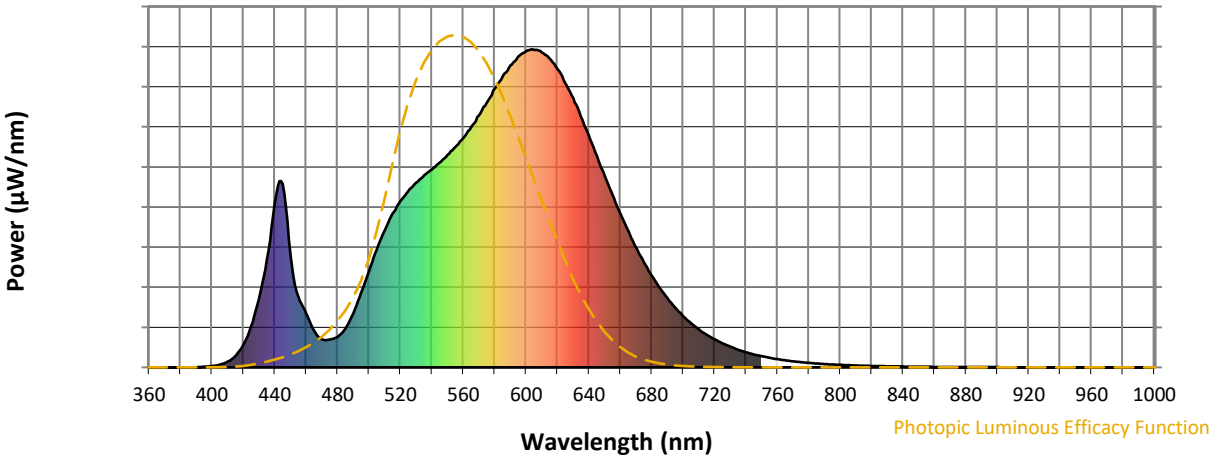


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

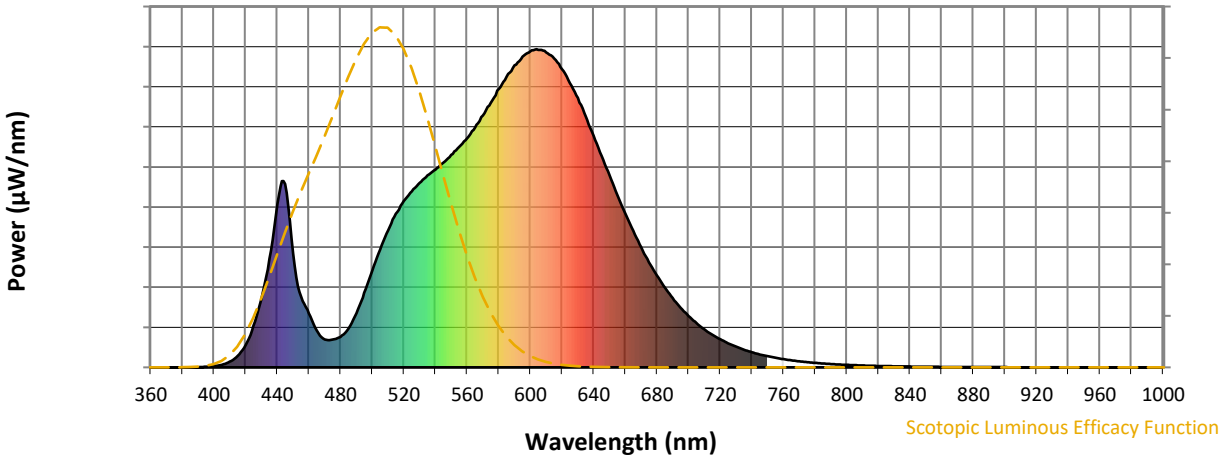


Photopic Lumens: NR

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

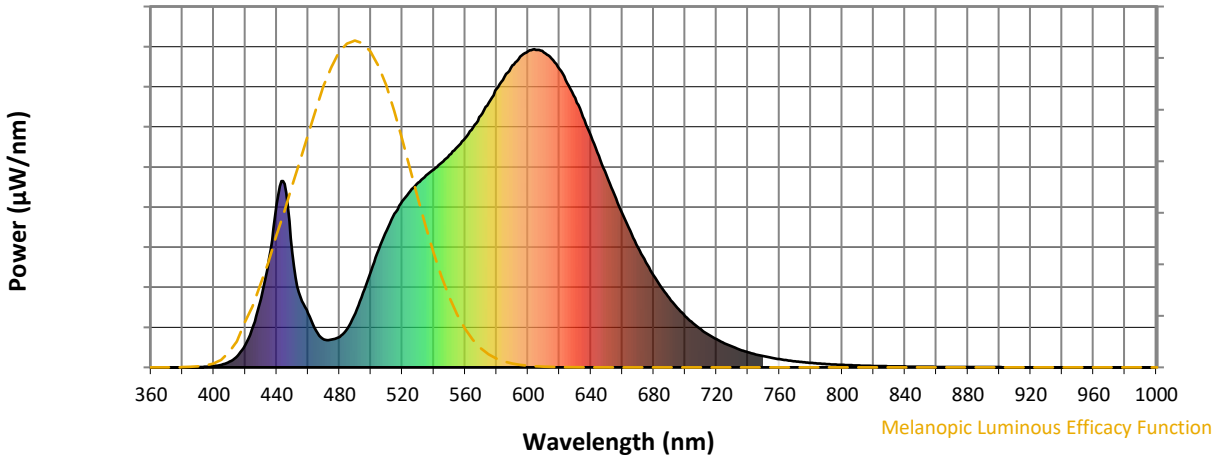


Scotopic Lumens: NR **S/P: 1.28**

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			

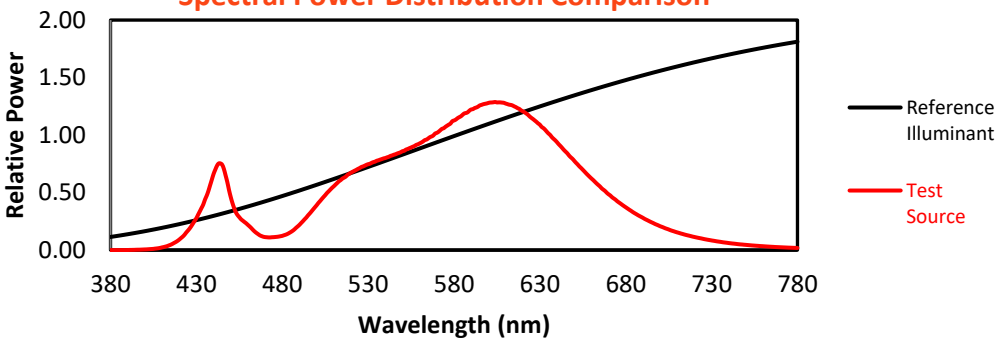
REPORT NUMBER: SP1-2407-184-9

TM-30-18

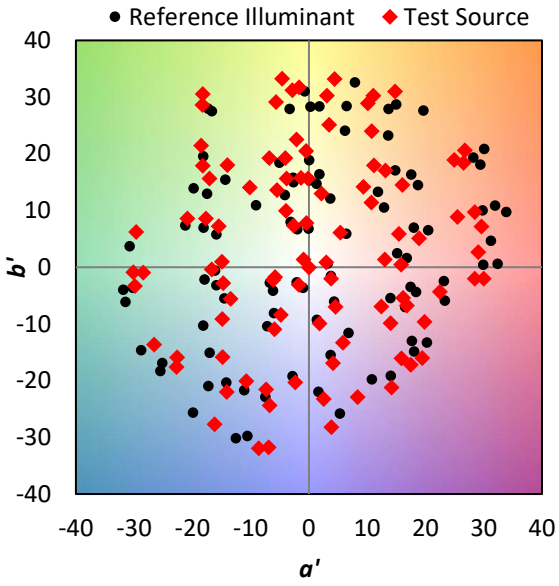
Summary

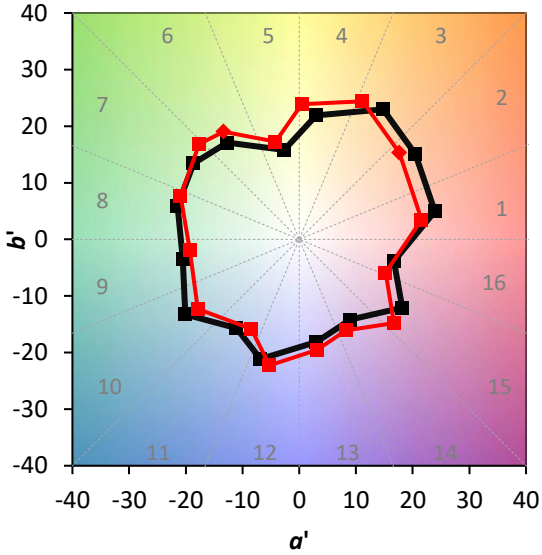
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

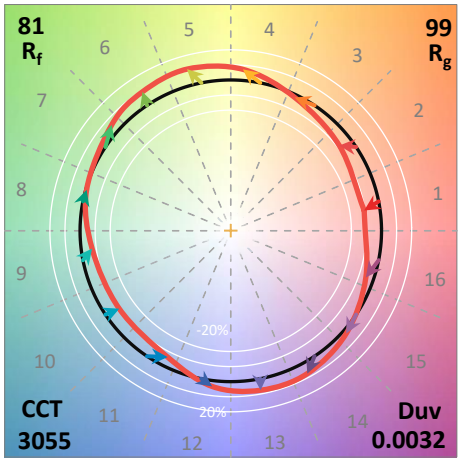
Spectral Power Distribution Comparison

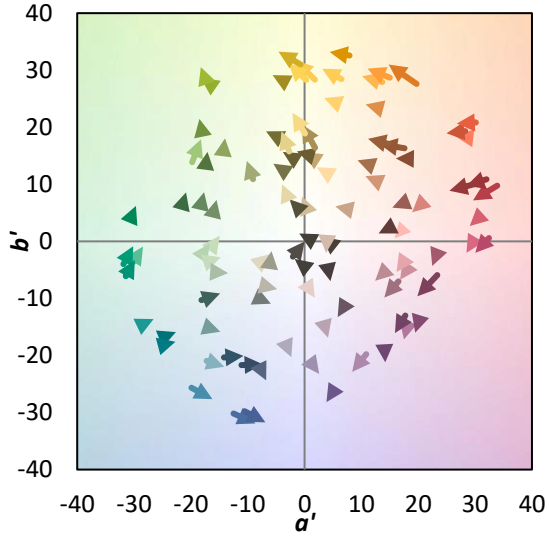


Color Vector Graphics







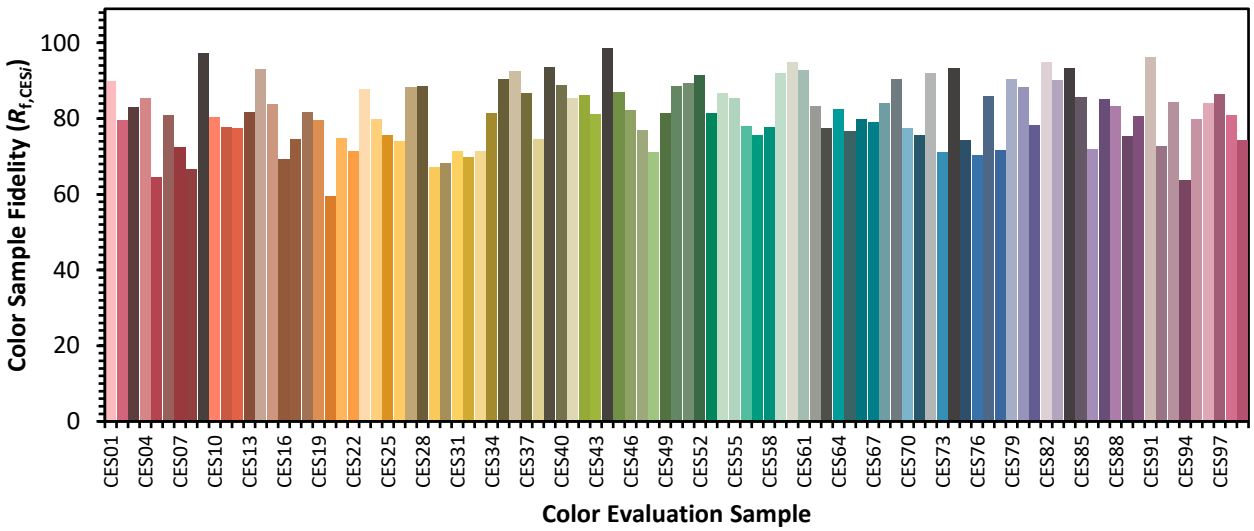


REPORT NUMBER: SP1-2407-184-9

TM-30-18

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

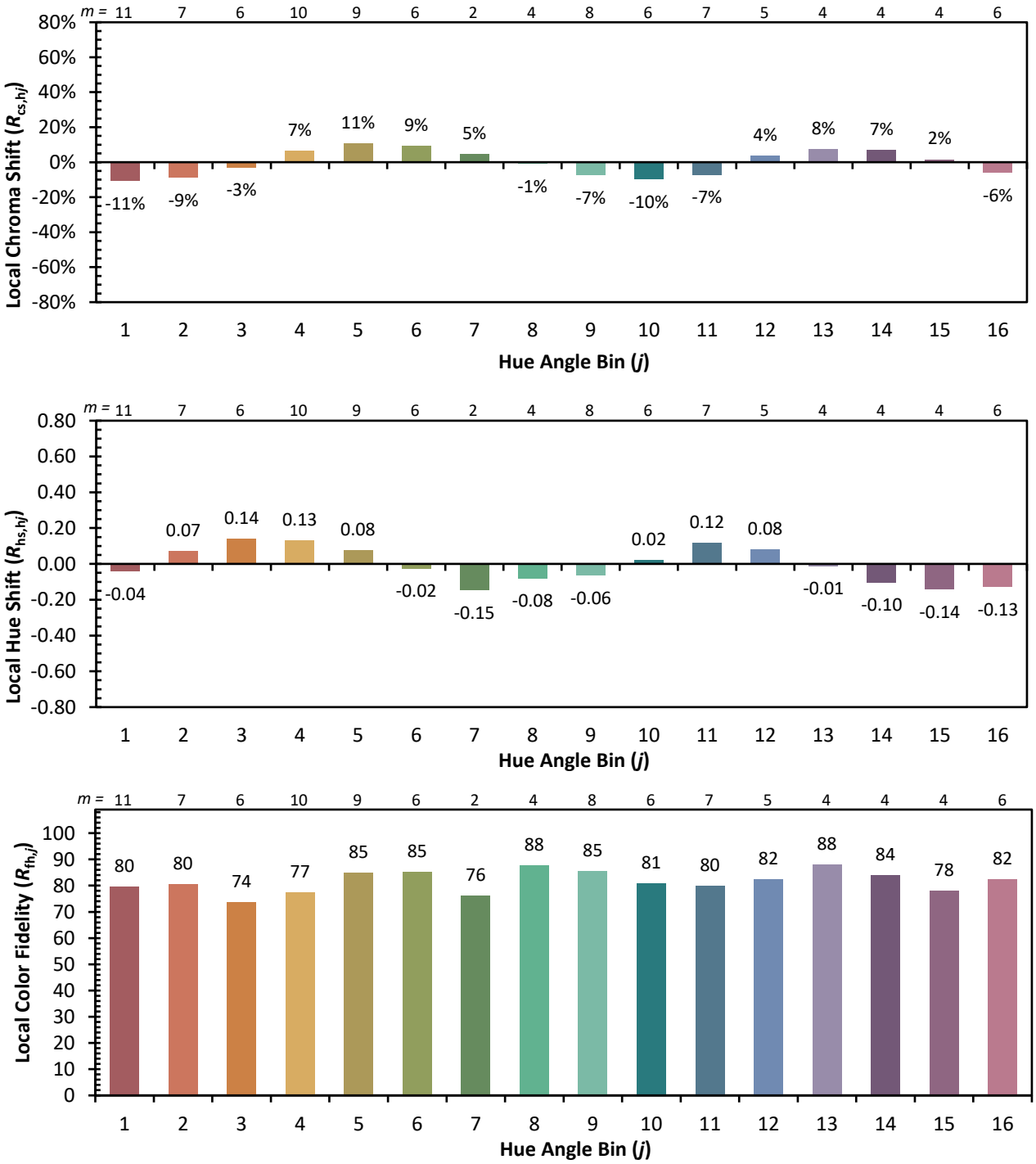
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 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

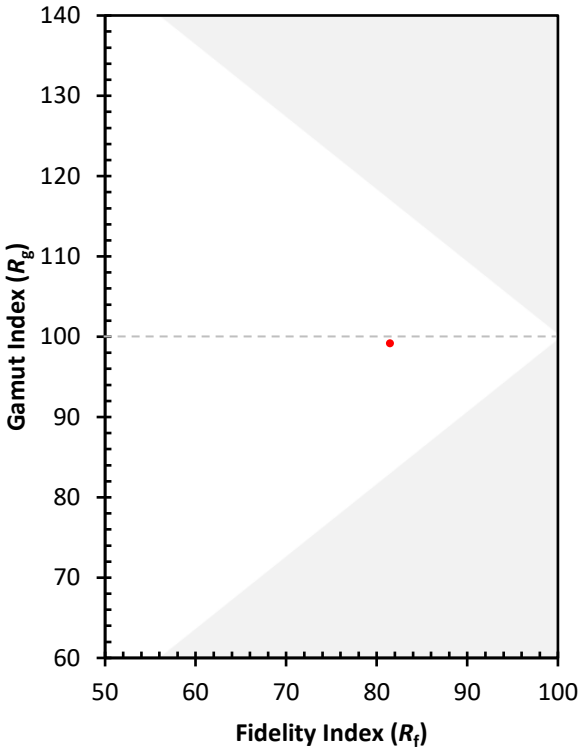
Color Rendition by Hue-Angle Bin

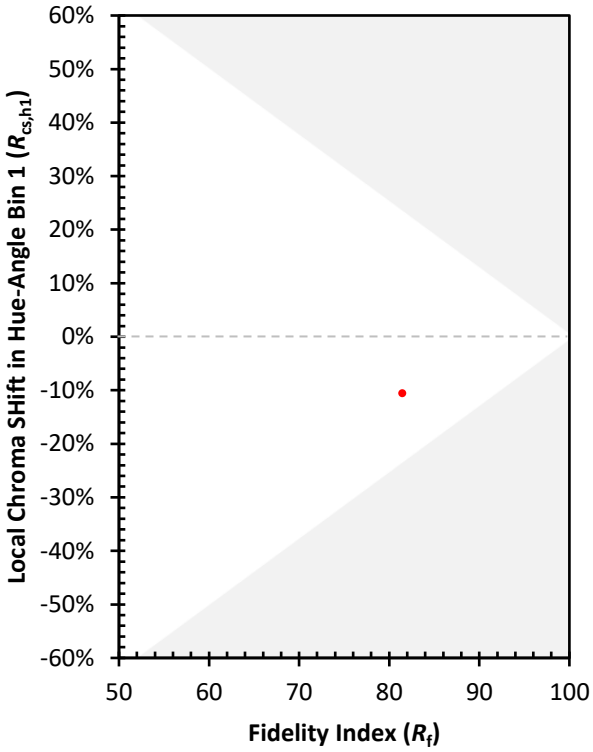


REPORT NUMBER: SP1-2407-184-9

TM-30-18

Measure Comparisons





(END OF REPORT)